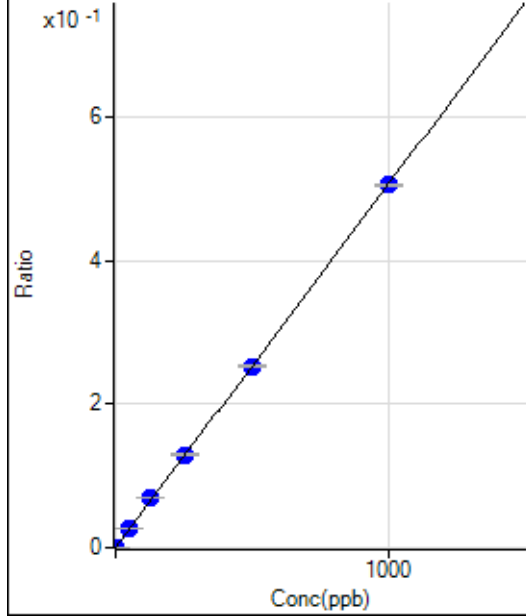


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100624-MS2.b\
Analysis File: P7100624-MS2.batch.bin
DA Date-Time: 2024-10-06 22:02:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-06 05:38:59
2	005CALS.d	S02	2024-10-06 05:42:16
3	006CALS.d	S03	2024-10-06 05:45:35
4	007CALS.d	S04	2024-10-06 05:48:42
5	008CALS.d	S05	2024-10-06 05:51:41
6	009CALS.d	S06	2024-10-06 05:54:32
7	010CALS.d	S07	2024-10-06 05:57:22
8	011CALS.d	S08	2024-10-06 06:00:07

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0000	P	18.1
2	☐	1.000	1.084	1227.84	0.0006	P	1.2
3	☐	50.000	53.992	58137.01	0.0274	P	1.7
4	☐	125.000	136.025	146727.75	0.0689	P	0.7
5	☐	250.000	255.517	271630.86	0.1294	P	0.9
6	☐	500.000	498.213	513399.63	0.2522	P	1.1
7	☐	1000.000	997.937	1012553.61	0.5052	P	0.8
8	☐			290.01	0.0002	P	15.0

$$y = 5.0618\text{E-}004 * x + 2.7291\text{E-}005$$

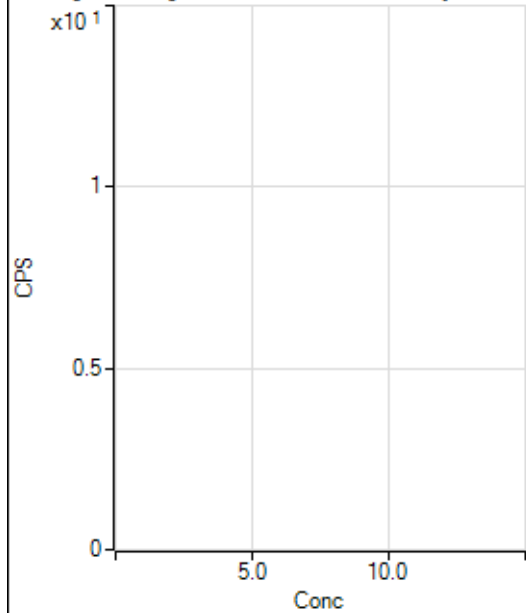
$$R = 0.9999$$

$$DL = 0.02928$$

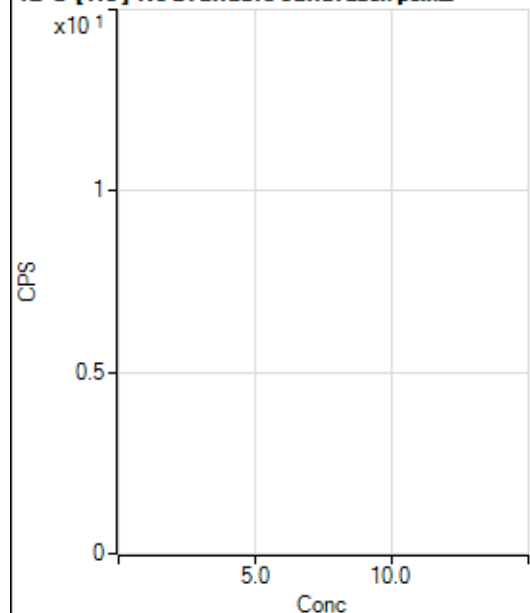
$$BEC = 0.05392$$

Weight: <None>

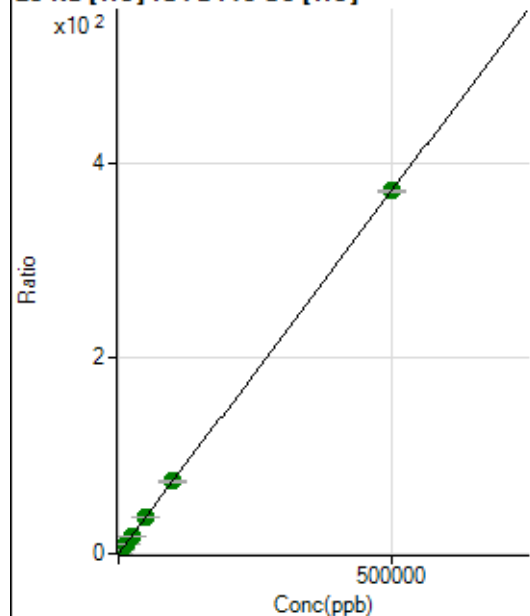
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	8367.88	0.0168	P	0.2
2	☐	500.000	495.861	191708.39	0.3846	P	0.7
3	☐	5000.000	4891.716	1799778.39	3.6461	A	1.1
4	☐	12500.000	12387.160	4401521.81	9.2072	A	0.2
5	☐	25000.000	24734.001	8132922.10	18.3677	A	0.9
6	☐	50000.000	49273.732	15717883.93	36.5745	A	0.3
7	☐	100000.00	99668.196	32154168.69	73.9638	A	0.7
8	☐	500000.00	500156.19	159558018.7	371.0988	A	0.5

$$y = 7.4193\text{E-}004 * x + 0.0168$$

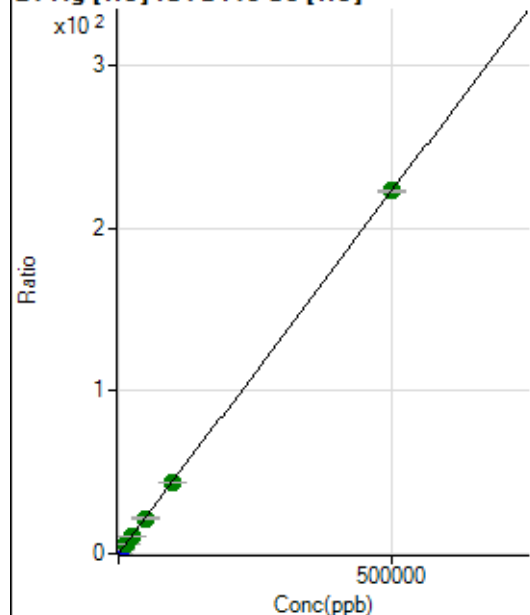
$$R = 1.0000$$

$$DL = 0.1366$$

$$BEC = 22.58$$

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	394.45	0.0008	P	4.9
2	☐	500.000	527.119	117438.11	0.2356	P	0.5
3	☐	5000.000	5169.850	1137297.84	2.3040	P	0.5
4	☐	12500.000	12587.649	2681146.44	5.6086	A	0.5
5	☐	25000.000	24900.001	4911878.26	11.0938	A	1.3
6	☐	50000.000	49057.157	9392466.60	21.8559	A	0.7
7	☐	100000.00	98546.976	19086106.25	43.9038	A	0.8
8	☐	500000.00	500385.97	95847226.35	222.9245	A	0.5

$$y = 4.4550\text{E-}004 * x + 7.8980\text{E-}004$$

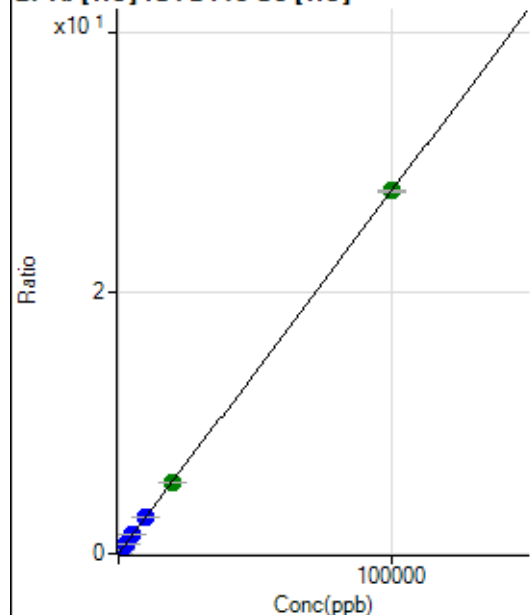
$$R = 1.0000$$

$$DL = 0.26$$

$$BEC = 1.773$$

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	74.44	0.0001	P	2.7
2	☐	20.000	19.039	2711.37	0.0054	P	5.2
3	☐	1000.000	1039.732	142696.53	0.2891	P	0.8
4	☐	2500.000	2606.713	346330.23	0.7245	P	1.1
5	☐	5000.000	5177.523	637114.15	1.4389	P	1.0
6	☐	10000.000	10138.606	1210845.54	2.8176	P	0.1
7	☐	20000.000	19669.032	2376268.32	5.4660	A	0.5
8	☐	100000.00	100040.39	11952994.96	27.8004	A	0.2

$$y = 2.7789\text{E-}004 * x + 1.4903\text{E-}004$$

$$R = 1.0000$$

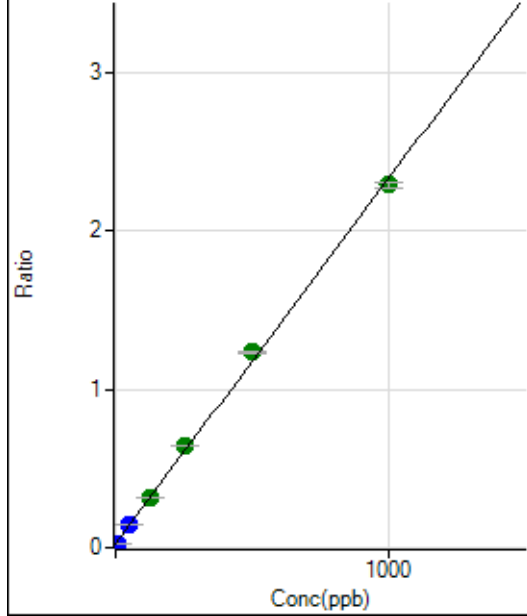
$$DL = 0.04374$$

$$BEC = 0.5363$$

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	152639.21	0.0254	P	0.9
2	☐	10.000	1.187	169079.14	0.0281	P	1.1
3	☐	50.000	50.703	844943.90	0.1424	P	1.0
4	☐	125.000	125.426	1806050.51	0.3147	A	1.7
5	☐	250.000	268.417	3513688.52	0.6446	A	0.6
6	☐	500.000	525.410	6345227.61	1.2374	A	1.1
7	☐	1000.000	982.690	11682027.05	2.2923	A	1.8
8	☐			192571.27	0.0386	P	0.9

$$y = 0.0023 * x + 0.0254$$

$$R = 0.9992$$

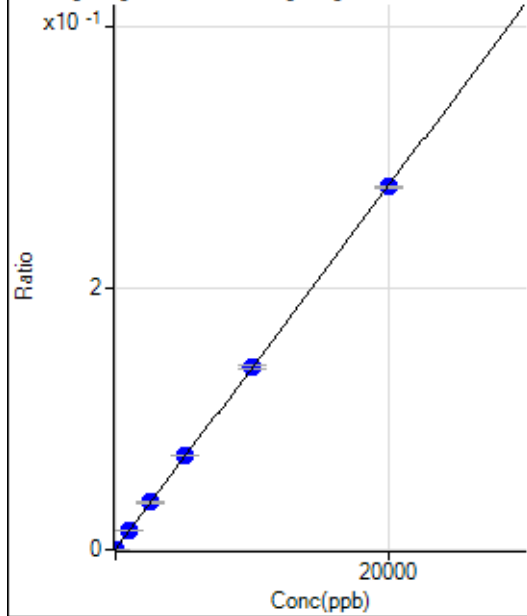
$$DL = 0.3015$$

$$BEC = 11.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.466	101.11	0.0002	P	13.1
2	☐	0.000	16.466	328.90	0.0007	P	9.2
3	☐	1000.000	1037.456	7325.16	0.0148	P	2.7
4	☐	2500.000	2564.619	17229.78	0.0360	P	2.6
5	☐	5000.000	5161.090	31931.08	0.0721	P	0.4
6	☐	10000.000	10044.059	60129.76	0.1399	P	1.8
7	☐	20000.000	19927.748	120504.65	0.2772	P	0.3
8	☐			164.45	0.0004	P	10.0

$$y = 1.3888E-005 * x + 4.3104E-004$$

$$R = 1.0000$$

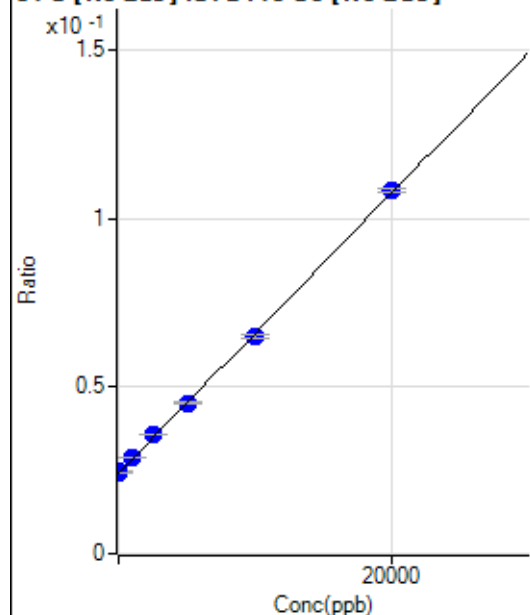
$$DL = 9.387$$

$$BEC = 31.04$$

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	61.426	146780.68	0.0244	P	0.7
2	☐	0.000	-61.426	143685.71	0.0239	P	0.8
3	☐	1000.000	1045.122	169368.29	0.0285	P	0.6
4	☐	2500.000	2702.903	203464.56	0.0355	P	0.4
5	☐	5000.000	4952.388	244432.13	0.0448	P	1.2
6	☐	10000.000	9716.772	331898.21	0.0647	P	1.2
7	☐	20000.000	20125.898	551299.22	0.1082	P	0.9
8	☐			118087.29	0.0237	P	2.1

$$y = 4.1734\text{E-}006 * x + 0.0242$$

R = 0.9998

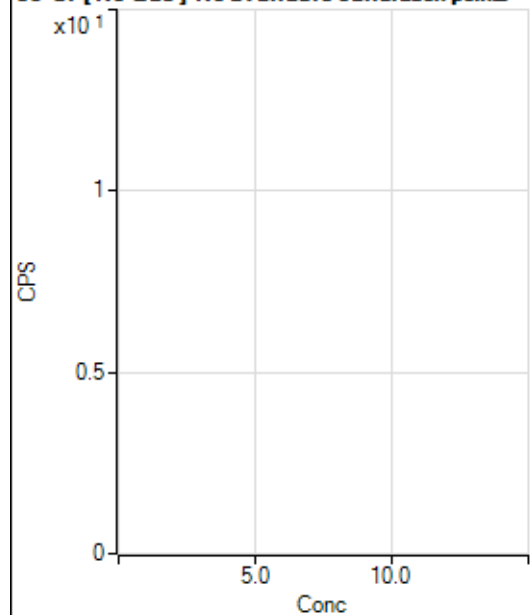
DL = 137.6

BEC = 5793

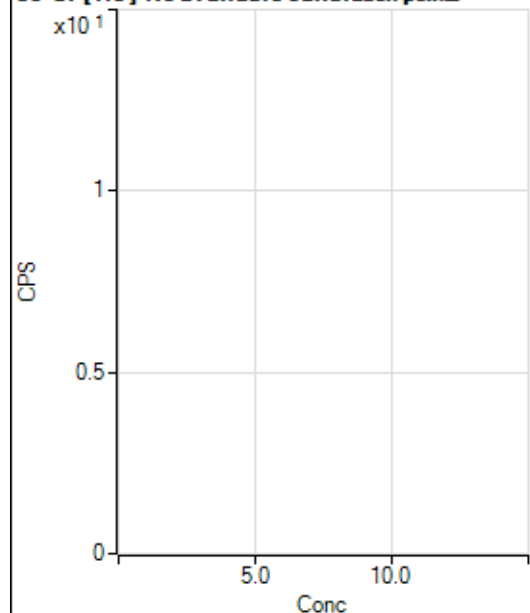
Weight: <None>

Min Conc: 0

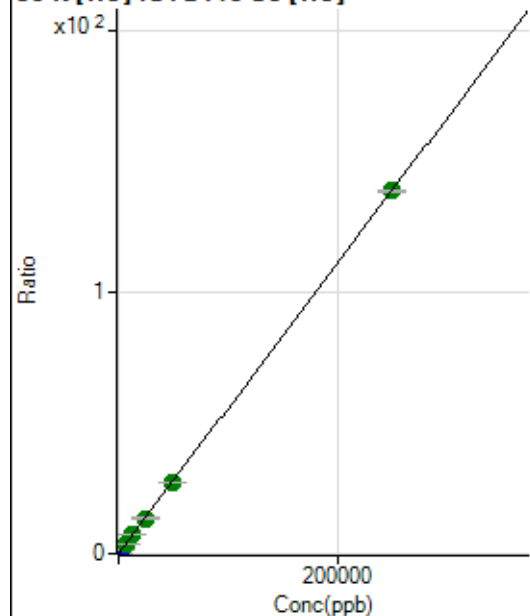
35 Cl [No Gas] No available calibration points



	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	36143.95	0.0724	P	1.9
2	☐	500.000	516.901	178714.13	0.3586	P	0.4
3	☐	2500.000	2726.648	780954.42	1.5821	P	0.7
4	☐	6250.000	6350.924	1715533.17	3.5888	A	1.1
5	☐	12500.000	12543.513	3107423.25	7.0176	A	0.3
6	☐	25000.000	24388.944	5834415.61	13.5763	A	0.3
7	☐	50000.000	49081.731	11845718.30	27.2484	A	0.6
8	☐	250000.00	250237.76	59603595.22	138.6264	A	0.2

$$y = 5.5369E-004 * x + 0.0724$$

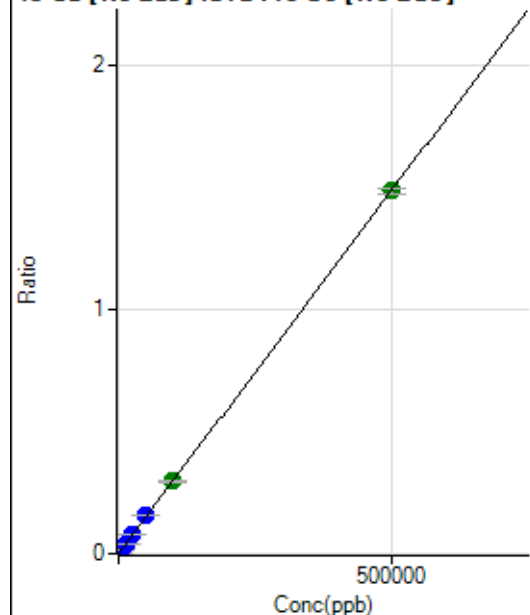
$$R = 1.0000$$

$$DL = 7.343$$

$$BEC = 130.7$$

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	228.84	0.0000	P	13.7
2	☐	500.000	520.822	9538.85	0.0016	P	2.4
3	☐	5000.000	5413.460	95836.77	0.0161	P	1.3
4	☐	12500.000	13770.460	235374.20	0.0410	P	1.0
5	☐	25000.000	26434.075	429005.52	0.0787	P	0.9
6	☐	50000.000	52330.148	798726.30	0.1558	P	1.4
7	☐	100000.00	99824.223	1514137.75	0.2971	A	1.7
8	☐	500000.00	499694.52	7419528.80	1.4871	A	1.7

$$y = 2.9760\text{E-}006 * x + 3.8081\text{E-}005$$

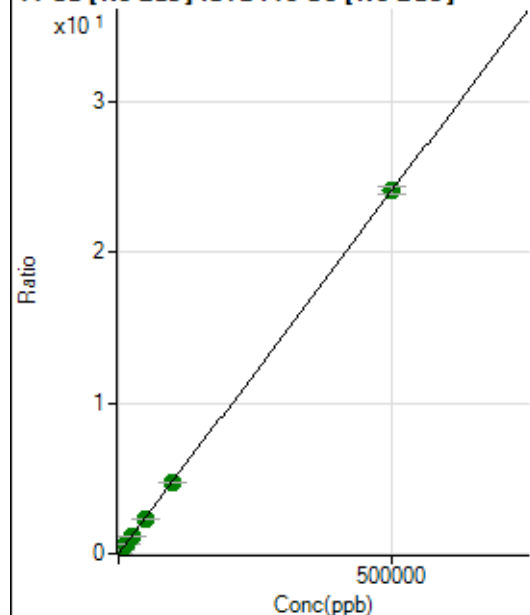
$$R = 1.0000$$

$$DL = 5.257$$

$$BEC = 12.8$$

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	3802.27	0.0006	P	1.1
2	☐	500.000	514.659	152273.28	0.0253	P	1.3
3	☐	5000.000	5006.283	1430654.17	0.2411	A	0.9
4	☐	12500.000	12640.400	3487182.90	0.6077	A	1.8
5	☐	25000.000	24577.798	6437426.66	1.1810	A	1.0
6	☐	50000.000	48318.731	11902257.83	2.3212	A	1.4
7	☐	100000.00	98480.763	24107171.55	4.7302	A	1.4
8	☐	500000.00	500489.49	119922037.3	24.0370	A	2.1

$$y = 4.8026\text{E-}005 * x + 6.3290\text{E-}004$$

$$R = 1.0000$$

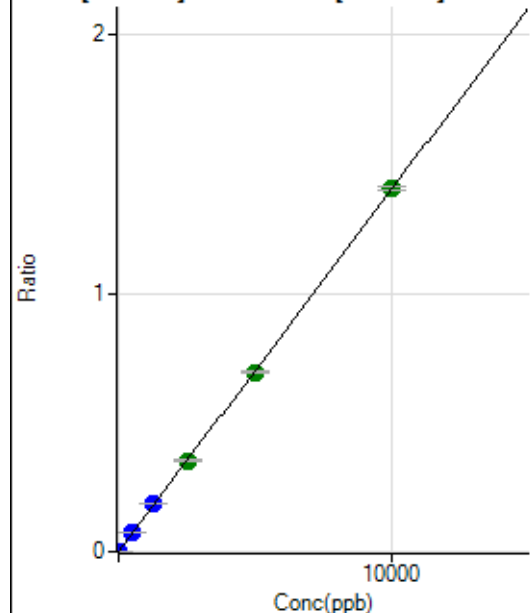
$$DL = 0.4367$$

$$BEC = 13.18$$

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	95.55	0.0000	P	3.5
2	☐	5.000	4.901	4223.96	0.0007	P	3.4
3	☐	500.000	513.464	427464.01	0.0720	P	1.2
4	☐	1250.000	1321.731	1063761.38	0.1854	P	1.3
5	☐	2500.000	2508.771	1917895.68	0.3519	A	1.7
6	☐	5000.000	4943.154	3554826.72	0.6933	A	1.3
7	☐	10000.000	10016.591	7159888.30	1.4048	A	0.9
8	☐			1616.77	0.0003	P	7.5

$$y = 1.4025\text{E-}004 * x + 1.5904\text{E-}005$$

$$R = 0.9999$$

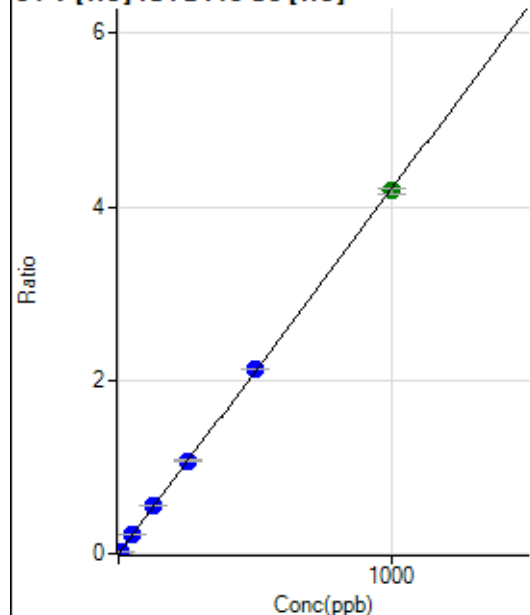
$$DL = 0.01204$$

$$BEC = 0.1134$$

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	4.44	0.0000	P	114.
2	☐	5.000	5.124	10735.00	0.0215	P	2.8
3	☐	50.000	51.759	107360.23	0.2175	P	0.5
4	☐	125.000	129.887	260890.00	0.5458	P	0.9
5	☐	250.000	255.717	475766.77	1.0745	P	0.6
6	☐	500.000	505.553	912905.17	2.1243	P	0.2
7	☐	1000.000	995.095	1817697.79	4.1813	A	1.3
8	☐			392.23	0.0009	P	18.1

$$y = 0.0042 * x + 8.9125\text{E-}006$$

$$R = 1.0000$$

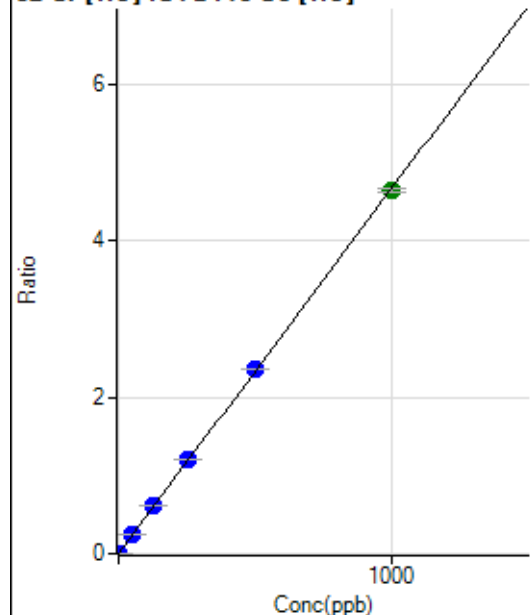
$$DL = 0.007282$$

$$BEC = 0.002121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.45	0.0007	P	13.0
2	☐	2.000	2.041	5086.46	0.0102	P	3.3
3	☐	50.000	52.351	120836.77	0.2448	P	0.6
4	☐	125.000	131.190	292727.30	0.6124	P	1.7
5	☐	250.000	258.350	533721.57	1.2053	P	1.0
6	☐	500.000	506.269	1014777.37	2.3613	P	0.1
7	☐	1000.000	993.887	2014969.57	4.6350	A	0.9
8	☐			8098.92	0.0188	P	1.0

$$y = 0.0047 * x + 6.8974E-004$$

$$R = 0.9999$$

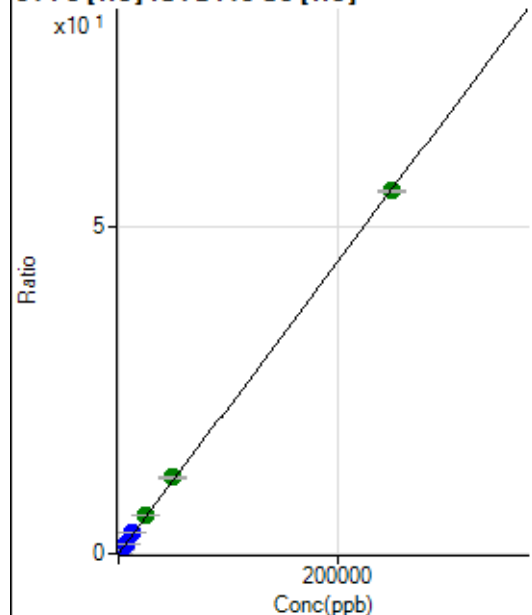
$$DL = 0.05748$$

$$BEC = 0.1479$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	997.83	0.0020	P	6.9
2	☐	50.000	57.388	7346.31	0.0147	P	3.9
3	☐	2500.000	2865.828	315023.65	0.6382	P	1.1
4	☐	6250.000	7178.385	762714.00	1.5955	P	0.5
5	☐	12500.000	14170.943	1393743.99	3.1478	P	1.1
6	☐	25000.000	26253.076	2505418.80	5.8300	A	0.5
7	☐	50000.000	52245.906	5042997.84	11.6001	A	0.4
8	☐	250000.00	249315.09	23796996.03	55.3478	A	0.5

$$y = 2.2199E-004 * x + 0.0020$$

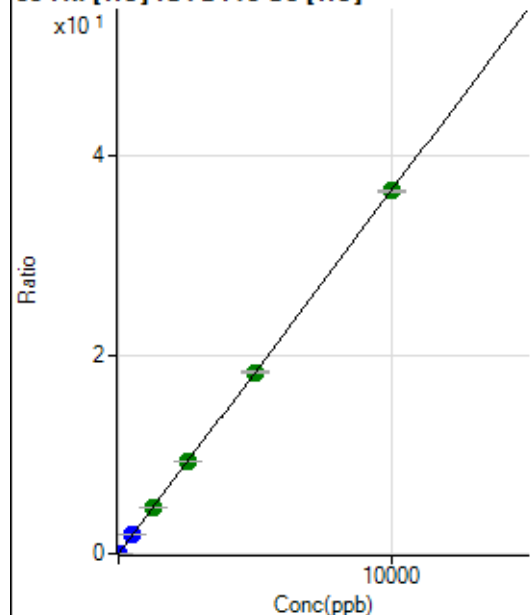
$$R = 0.9999$$

$$DL = 1.859$$

$$BEC = 8.999$$

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	272.23	0.0005	P	7.5
2	☐	1.000	1.029	2144.62	0.0043	P	6.5
3	☐	500.000	524.248	945561.46	1.9155	P	0.3
4	☐	1250.000	1276.615	2229353.48	4.6638	A	1.4
5	☐	2500.000	2535.574	4101064.49	9.2626	A	1.4
6	☐	5000.000	4998.715	7847427.11	18.2601	A	0.6
7	☐	10000.000	9987.209	15859926.43	36.4824	A	0.7
8	☐			8008.89	0.0186	P	3.4

$$y = 0.0037 * x + 5.4512E-004$$

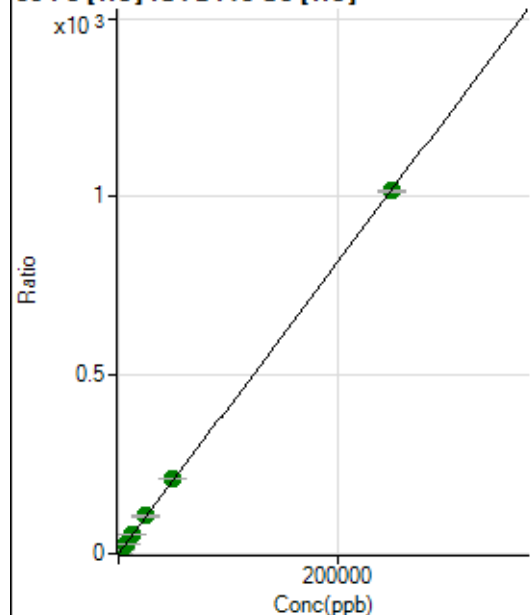
$$R = 1.0000$$

$$DL = 0.03363$$

$$BEC = 0.1492$$

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	7951.06	0.0159	P	2.1
2	☐	50.000	54.450	118486.20	0.2377	P	0.3
3	☐	2500.000	2625.209	5286728.64	10.7101	A	0.7
4	☐	6250.000	6638.497	12933400.92	27.0587	A	2.0
5	☐	12500.000	13089.516	23616081.59	53.3378	A	1.2
6	☐	25000.000	25893.853	45337054.88	105.4980	A	0.9
7	☐	50000.000	51689.741	91543977.52	210.5810	A	1.0
8	☐	250000.00	249532.22	437055140.1	1,016.519	A	0.7

$$y = 0.0041 * x + 0.0159$$

$$R = 1.0000$$

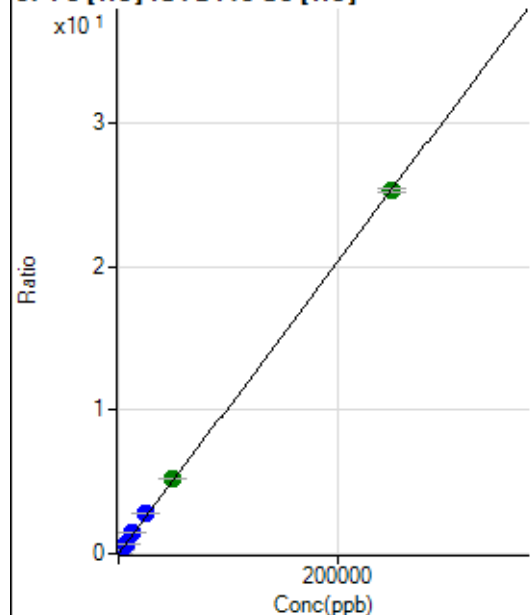
$$DL = 0.2442$$

$$BEC = 3.907$$

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	827.81	0.0017	P	4.3
2	☐	50.000	58.244	3768.28	0.0076	P	1.9
3	☐	2500.000	2835.754	142690.65	0.2891	P	0.3
4	☐	6250.000	7084.642	344032.98	0.7197	P	0.7
5	☐	12500.000	13993.162	628698.76	1.4199	P	1.0
6	☐	25000.000	27410.225	1194587.49	2.7797	P	0.2
7	☐	50000.000	51753.101	2280947.78	5.2469	A	1.2
8	☐	250000.00	249309.47	10864828.87	25.2697	A	1.0

$$y = 1.0135\text{E-}004 * x + 0.0017$$

R = 0.9999

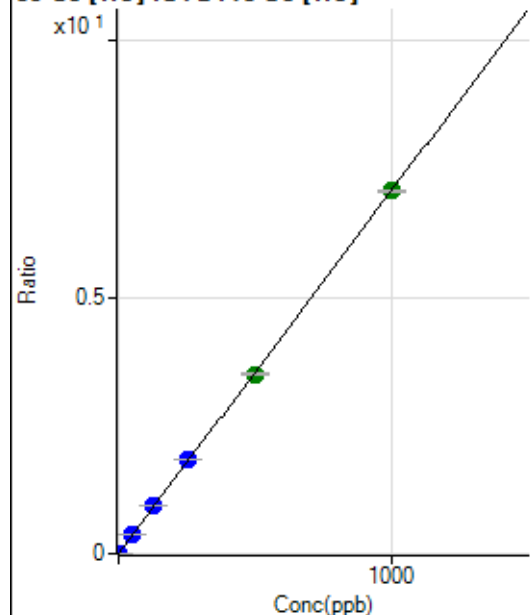
DL = 2.089

BEC = 16.35

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	53.33	0.0001	P	32.1
2	☐	1.000	1.069	3821.63	0.0077	P	4.1
3	☐	50.000	52.993	185166.25	0.3751	P	0.7
4	☐	125.000	131.794	445875.60	0.9327	P	0.7
5	☐	250.000	258.314	809460.21	1.8281	P	0.6
6	☐	500.000	495.154	1505824.37	3.5041	A	1.0
7	☐	1000.000	999.345	3074359.22	7.0720	A	0.8
8	☐			8150.06	0.0190	P	5.2

$$y = 0.0071 * x + 1.0666\text{E-}004$$

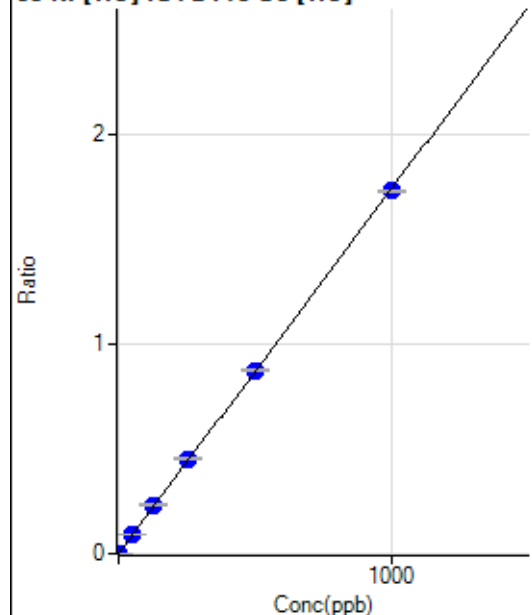
R = 0.9999

DL = 0.01453

BEC = 0.01507

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	72.22	0.0001	P	9.8
2	☐	1.000	1.135	1057.83	0.0021	P	8.4
3	☐	50.000	53.931	46488.36	0.0942	P	0.7
4	☐	125.000	134.023	111765.58	0.2338	P	1.8
5	☐	250.000	260.322	201030.24	0.4540	P	1.3
6	☐	500.000	503.104	377036.77	0.8773	P	0.5
7	☐	1000.000	994.543	753907.99	1.7342	P	0.9
8	☐			3700.49	0.0086	P	3.3

$$y = 0.0017 * x + 1.4461E-004$$

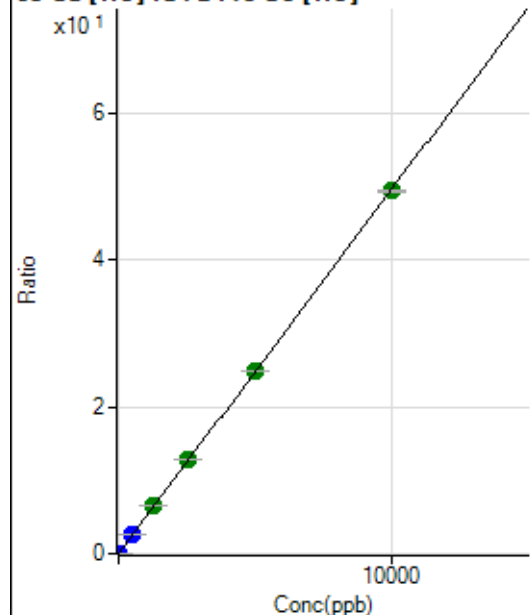
$$R = 0.9999$$

$$DL = 0.02441$$

$$BEC = 0.08294$$

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	571.13	0.0011	P	13.7
2	☐	2.000	2.181	5962.36	0.0120	P	2.6
3	☐	500.000	537.386	1316526.68	2.6671	P	0.3
4	☐	1250.000	1333.247	3162002.90	6.6152	A	1.8
5	☐	2500.000	2578.209	5663938.32	12.7914	A	0.9
6	☐	5000.000	5011.193	10684048.17	24.8612	A	0.1
7	☐	10000.000	9962.576	21486202.18	49.4245	A	0.7
8	☐			147702.11	0.3435	P	1.2

$$y = 0.0050 * x + 0.0011$$

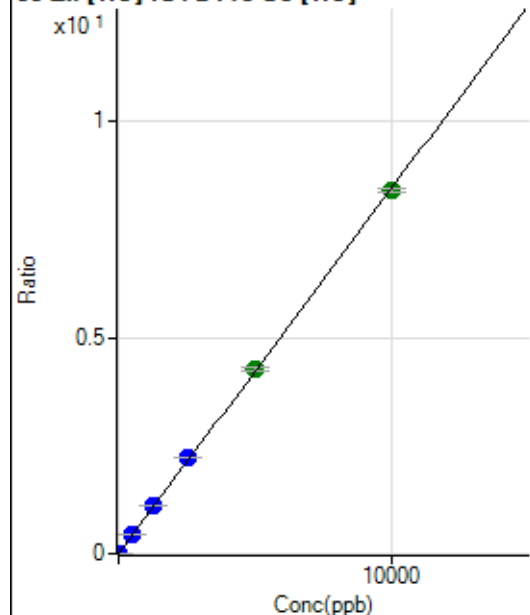
$$R = 0.9999$$

$$DL = 0.09464$$

$$BEC = 0.2306$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	318.90	0.0006	P	10.4
2	☐	5.000	5.435	2610.25	0.0052	P	1.6
3	☐	500.000	528.653	221126.46	0.4480	P	0.8
4	☐	1250.000	1326.264	536755.54	1.1229	P	0.8
5	☐	2500.000	2635.145	987588.41	2.2304	P	1.0
6	☐	5000.000	5048.822	1836150.56	4.2728	A	1.7
7	☐	10000.000	9930.837	3653372.55	8.4038	A	0.9
8	☐			1972.37	0.0046	P	2.6

$$y = 8.4617E-004 * x + 6.3855E-004$$

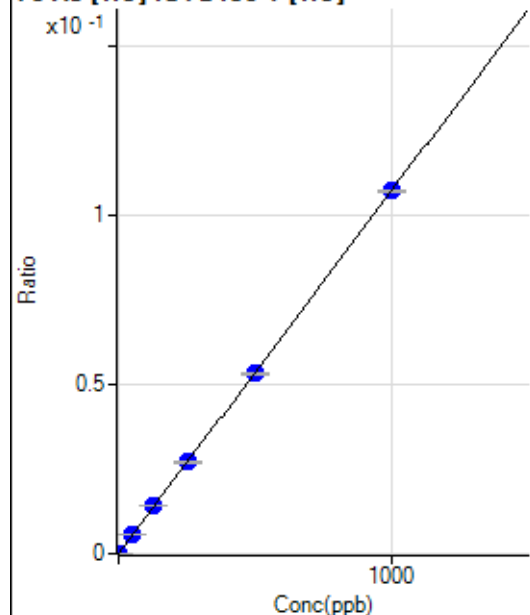
$$R = 0.9999$$

$$DL = 0.2353$$

$$BEC = 0.7546$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	62.4
2	☐	1.000	0.977	303.34	0.0001	P	13.6
3	☐	50.000	52.759	15616.07	0.0057	P	3.0
4	☐	125.000	132.402	38086.49	0.0142	P	0.5
5	☐	250.000	253.306	69404.47	0.0271	P	2.2
6	☐	500.000	496.480	132162.94	0.0532	P	1.5
7	☐	1000.000	999.870	268753.25	0.1070	P	0.9
8	☐			164.45	0.0001	P	17.0

$$y = 1.0705E-004 * x + 3.9668E-006$$

$$R = 1.0000$$

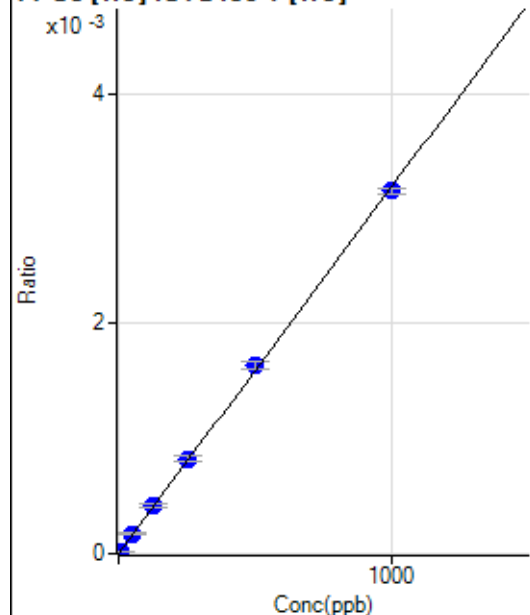
$$DL = 0.0694$$

$$BEC = 0.03706$$

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	0.00	0.0000	P	
2	☐	5.000	6.237	55.56	0.0000	P	13.4
3	☐	50.000	53.512	471.13	0.0002	P	11.1
4	☐	125.000	131.713	1127.83	0.0004	P	5.1
5	☐	250.000	258.258	2105.73	0.0008	P	5.6
6	☐	500.000	514.777	4081.72	0.0016	P	4.7
7	☐	1000.000	989.526	7916.64	0.0032	P	1.5
8	☐			3.33	0.0000	P	100.

$$y = 3.1864\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

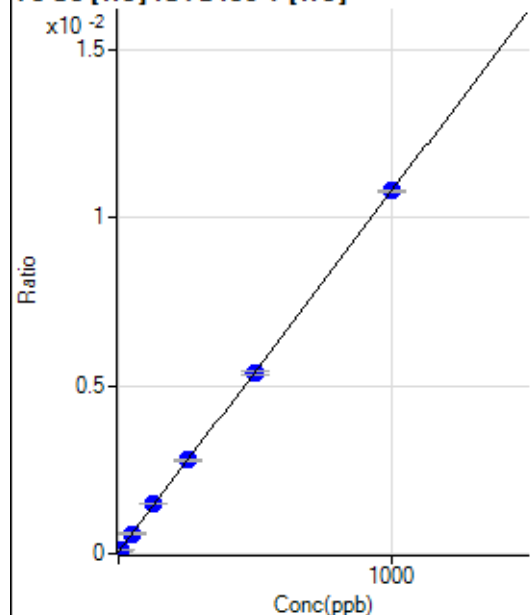
$$DL = 0$$

$$BEC = 0$$

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	158.89	0.0001	P	24.1
2	☐	5.000	3.973	277.78	0.0001	P	1.4
3	☐	50.000	50.315	1649.00	0.0006	P	3.6
4	☐	125.000	132.799	3981.69	0.0015	P	1.2
5	☐	250.000	253.642	7112.89	0.0028	P	2.8
6	☐	500.000	494.483	13339.43	0.0054	P	2.3
7	☐	1000.000	1000.862	27115.97	0.0108	P	0.7
8	☐			126.67	0.0001	P	9.7

$$y = 1.0733\text{E-}005 * x + 5.6770\text{E-}005$$

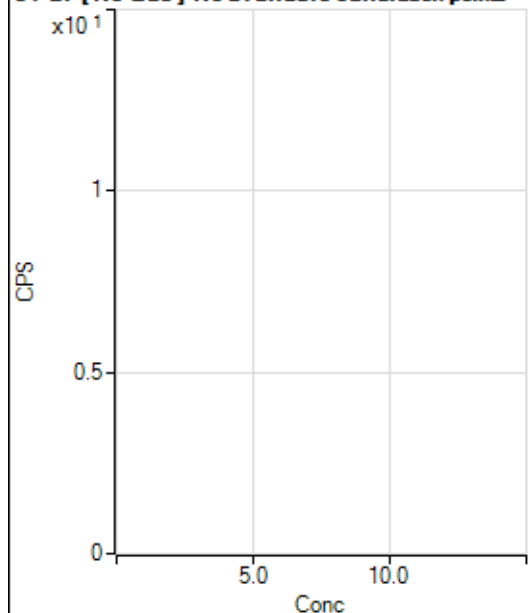
$$R = 0.9999$$

$$DL = 3.817$$

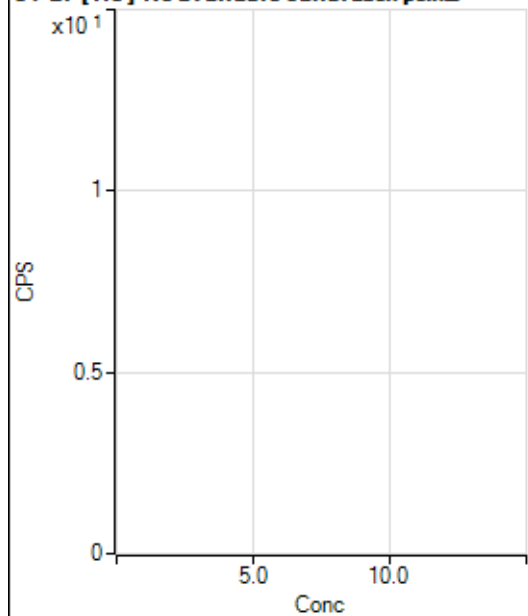
$$BEC = 5.289$$

Weight: <None>

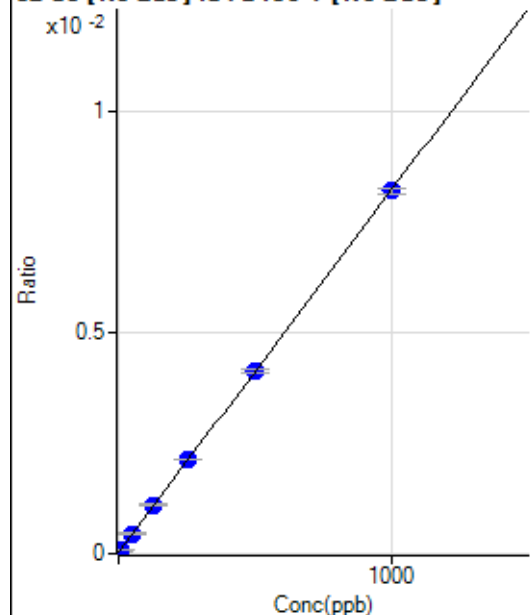
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8093.40		P	1.3
2	☐			7738.76		P	2.8
3	☐			7817.69		P	3.1
4	☐			7749.89		P	1.3
5	☐			7184.04		P	3.4
6	☐			6837.21		P	2.5
7	☐			6863.89		P	2.6
8	☐			7150.69		P	2.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	20.4
2	☐			28.89		P	37.1
3	☐			36.67		P	9.1
4	☐			34.44		P	40.3
5	☐			24.44		P	7.9
6	☐			33.33		P	36.1
7	☐			41.11		P	24.8
8	☐			46.66		P	12.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	329.51	0.0000	P	13.3
2	☐	5.000	5.224	843.24	0.0001	P	2.1
3	☐	50.000	51.868	5378.45	0.0005	P	2.9
4	☐	125.000	131.713	13013.32	0.0011	P	2.6
5	☐	250.000	255.889	23737.41	0.0021	P	0.7
6	☐	500.000	499.864	44272.07	0.0041	P	1.6
7	☐	1000.000	997.662	88156.82	0.0082	P	1.8
8	☐			365.89	0.0000	P	1.5

$$y = 8.2078E-006 * x + 2.7746E-005$$

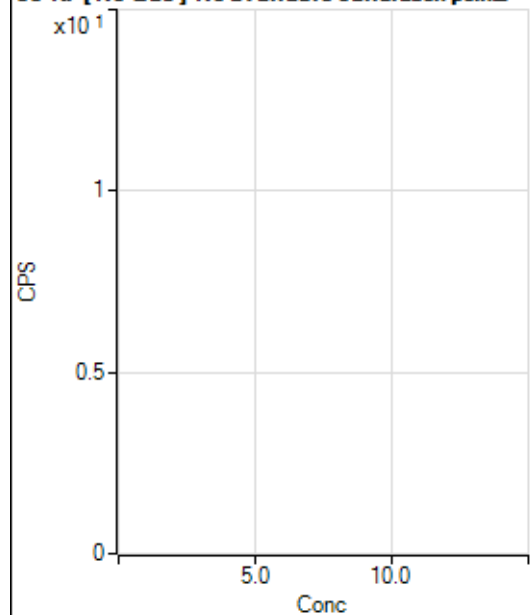
$$R = 1.0000$$

$$DL = 1.348$$

$$BEC = 3.38$$

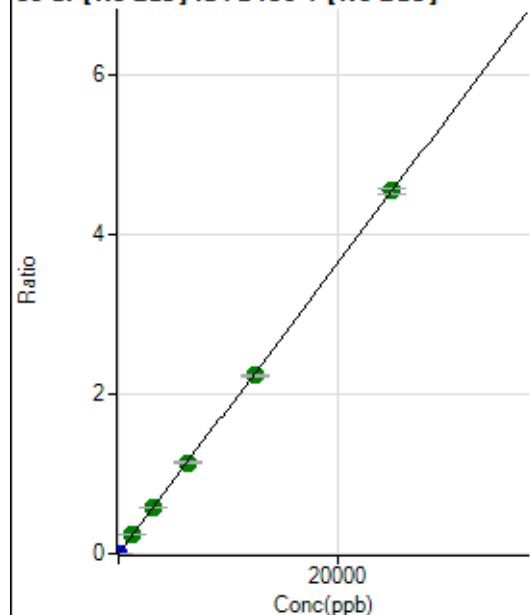
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			110.00		P	18.9
2	☐			133.34		P	7.5
3	☐			130.00		P	24.5
4	☐			115.56		P	13.0
5	☐			108.89		P	9.4
6	☐			113.33		P	12.8
7	☐			124.45		P	17.8
8	☐			130.00		P	5.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	7.2
2	☐	1.000	1.005	2374.66	0.0002	P	0.3
3	☐	1250.000	1282.558	2761483.71	0.2328	A	0.3
4	☐	3125.000	3202.251	6822839.76	0.5813	A	1.0
5	☐	6250.000	6305.287	12767206.48	1.1445	A	0.1
6	☐	12500.000	12339.158	24007216.86	2.2398	A	1.2
7	☐	25000.000	25055.315	48801040.94	4.5480	A	1.5
8	☐			7966.68	0.0008	P	1.1

$$y = 1.8152E-004 * x + 1.6369E-005$$

$$R = 1.0000$$

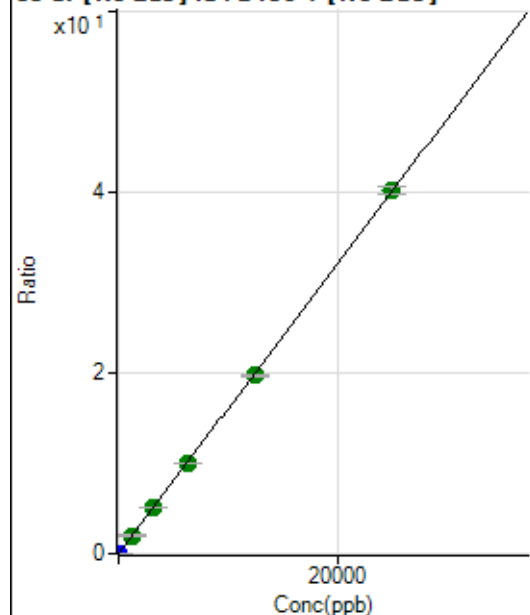
$$DL = 0.01948$$

$$BEC = 0.09018$$

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	150.00	0.0000	P	28.3
2	☐	1.000	0.957	18398.25	0.0015	P	0.6
3	☐	1250.000	1260.634	23888505.20	2.0141	A	0.5
4	☐	3125.000	3179.006	59610240.78	5.0790	A	2.1
5	☐	6250.000	6219.567	110842938.3	9.9369	A	0.5
6	☐	12500.000	12327.325	211112121.3	19.6951	A	0.5
7	☐	25000.000	25086.663	430006602.4	40.0803	A	2.2
8	☐			67988.41	0.0068	P	2.5

$$y = 0.0016 * x + 1.2643E-005$$

$$R = 1.0000$$

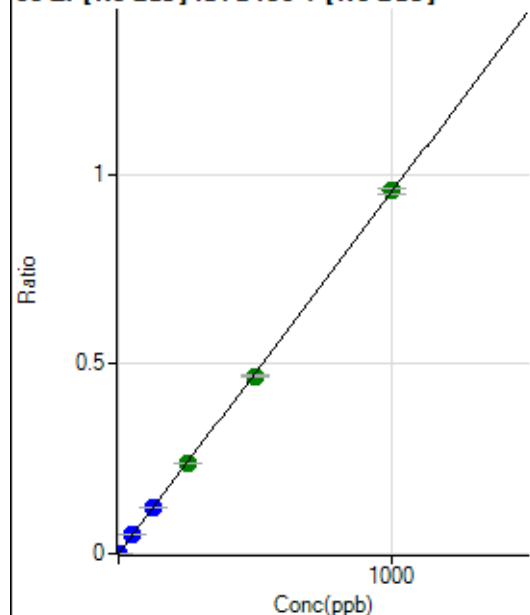
$$DL = 0.00672$$

$$BEC = 0.007914$$

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	537.79	0.0000	P	5.7
2	☐	1.000	0.966	11523.48	0.0010	P	1.5
3	☐	50.000	50.822	574720.03	0.0485	P	0.7
4	☐	125.000	128.350	1435390.29	0.1223	P	2.2
5	☐	250.000	250.556	2662718.28	0.2387	A	1.1
6	☐	500.000	491.393	5017483.95	0.4681	A	1.4
7	☐	1000.000	1003.705	10258676.30	0.9561	A	1.7
8	☐			6906.13	0.0007	P	2.5

$$y = 9.5254\text{E-}004 * x + 4.5275\text{E-}005$$

$$R = 0.9999$$

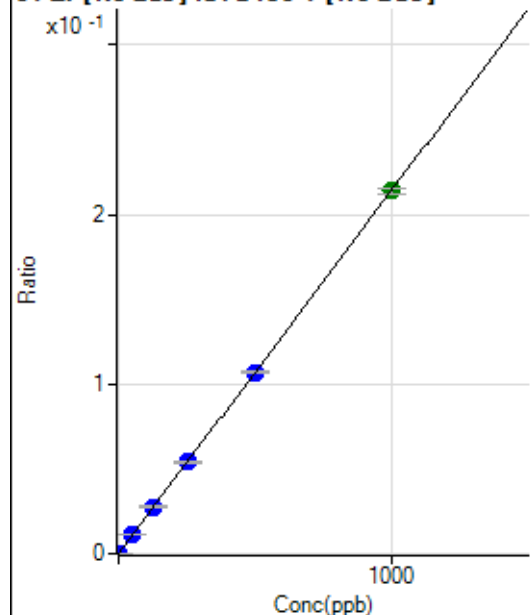
$$DL = 0.008197$$

$$BEC = 0.04753$$

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	107.78	0.0000	P	9.3
2	☐	1.000	0.976	2603.59	0.0002	P	5.4
3	☐	50.000	51.074	129789.74	0.0109	P	1.1
4	☐	125.000	129.169	324657.21	0.0277	P	1.6
5	☐	250.000	251.967	601785.15	0.0540	P	1.0
6	☐	500.000	499.648	1146568.11	0.1070	P	1.4
7	☐	1000.000	999.109	2295153.02	0.2139	A	1.5
8	☐			1440.09	0.0001	P	3.6

$$y = 2.1408\text{E-}004 * x + 9.0742\text{E-}006$$

$$R = 1.0000$$

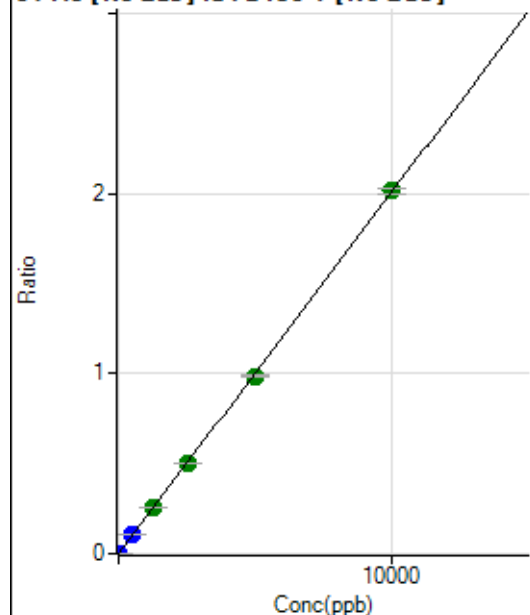
$$DL = 0.01177$$

$$BEC = 0.04239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	214.45	0.0000	P	4.5
2	☐	5.000	5.482	13343.93	0.0011	P	1.6
3	☐	500.000	513.867	1222581.45	0.1031	P	0.5
4	☐	1250.000	1280.293	3013861.97	0.2568	A	1.7
5	☐	2500.000	2487.626	5565346.65	0.4989	A	0.8
6	☐	5000.000	4919.638	10575905.88	0.9867	A	1.1
7	☐	10000.000	10038.794	21603170.51	2.0134	A	1.6
8	☐			6401.46	0.0006	P	2.6

$$y = 2.0056E-004 * x + 1.8054E-005$$

$$R = 0.9999$$

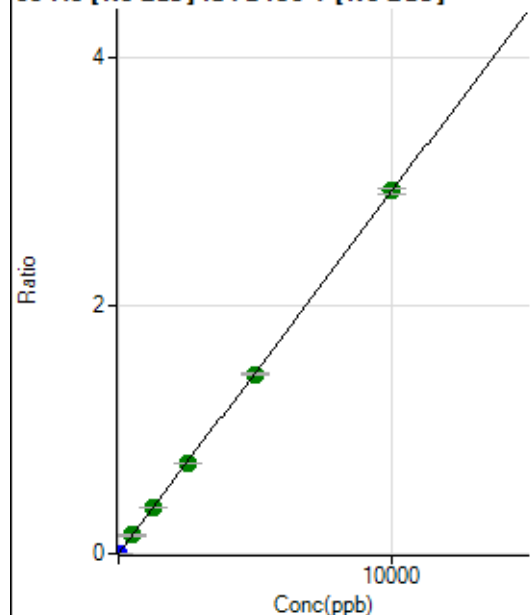
$$DL = 0.01216$$

$$BEC = 0.09002$$

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	42.22	0.0000	P	12.1
2	☐	5.000	4.621	16183.47	0.0014	P	2.7
3	☐	500.000	505.035	1752325.22	0.1477	A	1.3
4	☐	1250.000	1274.061	4374523.72	0.3727	A	1.3
5	☐	2500.000	2495.545	8143278.56	0.7300	A	0.5
6	☐	5000.000	4960.118	15551946.29	1.4510	A	1.7
7	☐	10000.000	10017.796	31444347.03	2.9305	A	1.5
8	☐			6932.81	0.0007	P	1.1

$$y = 2.9253E-004 * x + 3.5555E-006$$

$$R = 1.0000$$

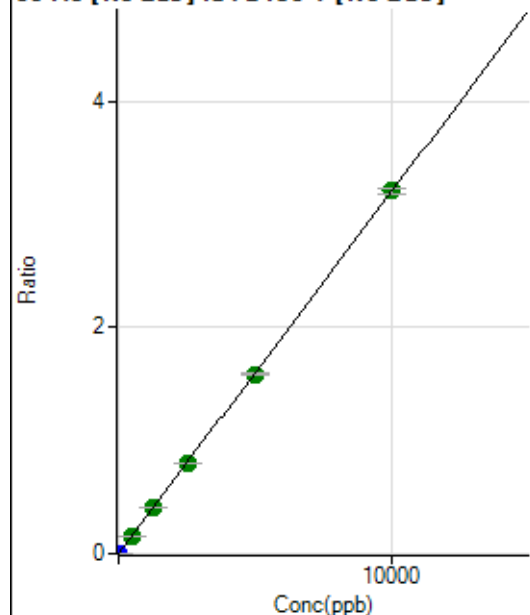
$$DL = 0.004428$$

$$BEC = 0.01215$$

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	105.56	0.0000	P	12.3
2	☐	5.000	4.673	17943.32	0.0015	P	3.2
3	☐	500.000	503.341	1908523.11	0.1609	A	0.2
4	☐	1250.000	1276.358	4788994.16	0.4080	A	1.3
5	☐	2500.000	2484.076	8858048.69	0.7941	A	0.5
6	☐	5000.000	4951.902	16966670.72	1.5830	A	1.5
7	☐	10000.000	10024.568	34383670.60	3.2045	A	1.6
8	☐			12521.01	0.0012	P	1.6

$$y = 3.1967\text{E-}004 * x + 8.8906\text{E-}006$$

$$R = 1.0000$$

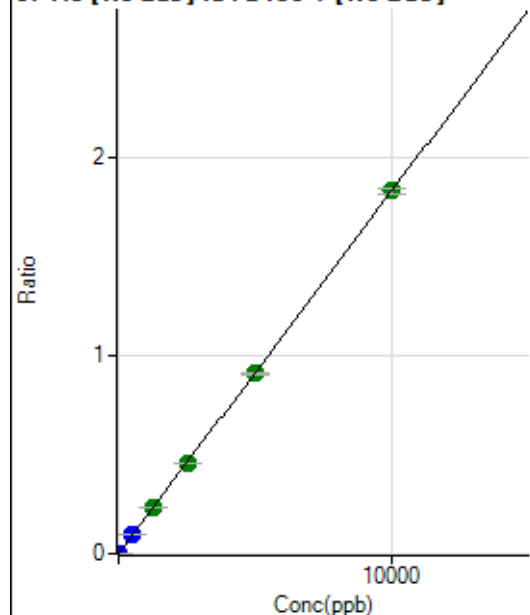
$$DL = 0.01028$$

$$BEC = 0.02781$$

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	45.56	0.0000	P	26.0
2	☐	5.000	4.600	10093.56	0.0008	P	1.0
3	☐	500.000	510.724	1108196.17	0.0934	P	0.5
4	☐	1250.000	1280.753	2750191.63	0.2343	A	0.7
5	☐	2500.000	2490.353	5082052.32	0.4556	A	0.6
6	☐	5000.000	4971.047	9747048.33	0.9094	A	1.5
7	☐	10000.000	10012.508	19652767.90	1.8317	A	1.7
8	☐			4131.73	0.0004	P	0.7

$$y = 1.8294\text{E-}004 * x + 3.8387\text{E-}006$$

$$R = 1.0000$$

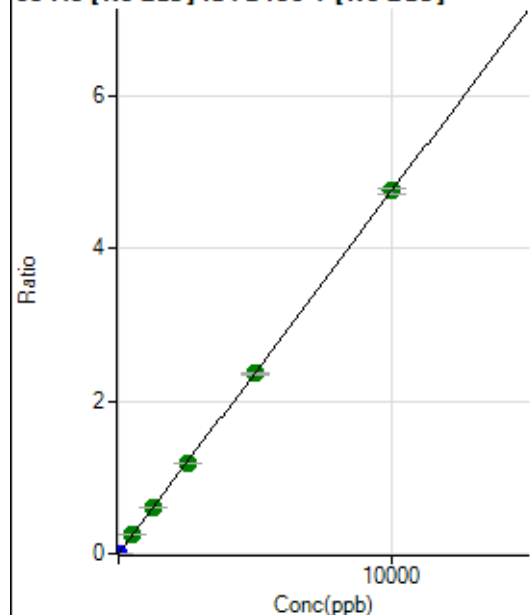
$$DL = 0.01638$$

$$BEC = 0.02098$$

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	61.11	0.0000	P	7.8
2	☐	5.000	4.676	26545.27	0.0022	P	1.2
3	☐	500.000	506.176	2847973.78	0.2401	A	0.3
4	☐	1250.000	1269.383	7067710.10	0.6022	A	1.3
5	☐	2500.000	2512.221	13293363.83	1.1917	A	0.6
6	☐	5000.000	4968.698	25263516.29	2.3570	A	1.2
7	☐	10000.000	10009.864	50951656.46	4.7484	A	1.3
8	☐			10172.53	0.0010	P	1.4

$$y = 4.7437\text{E-}004 * x + 5.1445\text{E-}006$$

$$R = 1.0000$$

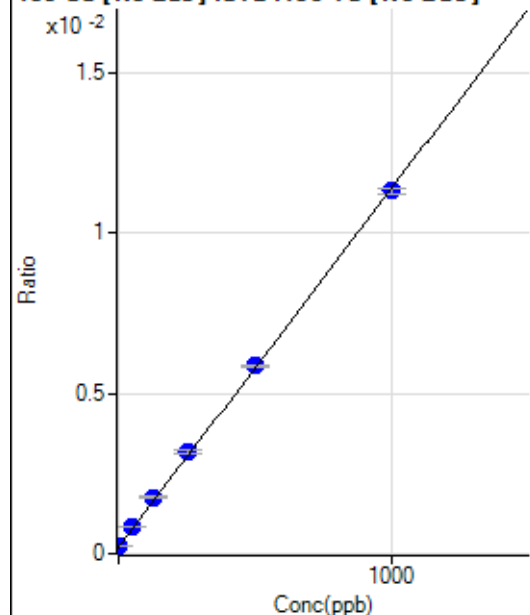
$$DL = 0.002533$$

$$BEC = 0.01084$$

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	3301.53	0.0002	P	1.4
2	☐	1.000	0.644	3430.44	0.0002	P	5.4
3	☐	50.000	54.169	12407.60	0.0008	P	0.7
4	☐	125.000	138.138	26370.60	0.0018	P	1.6
5	☐	250.000	264.631	46338.05	0.0032	P	2.1
6	☐	500.000	503.569	84665.52	0.0058	P	0.8
7	☐	1000.000	992.707	165253.53	0.0113	P	1.3
8	☐			2885.87	0.0002	P	2.1

$$y = 1.1164\text{E-}005 * x + 2.2131\text{E-}004$$

$$R = 0.9998$$

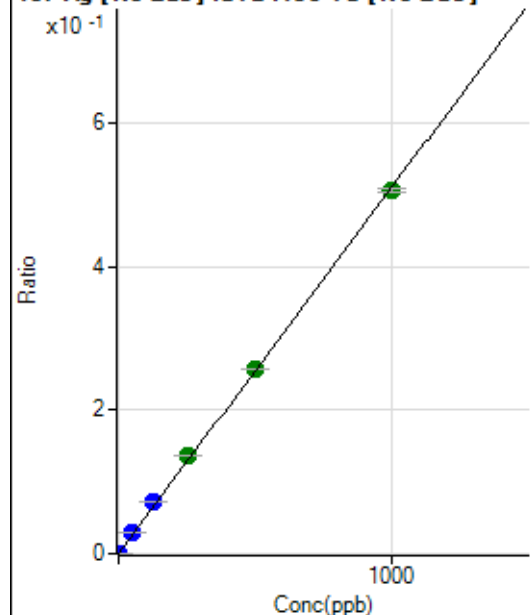
$$DL = 0.85$$

$$BEC = 19.82$$

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	73.33	0.0000	P	24.6
2	☐	1.000	1.014	7834.40	0.0005	P	4.8
3	☐	50.000	55.614	426053.17	0.0284	P	0.9
4	☐	125.000	140.161	1068868.05	0.0715	P	1.3
5	☐	250.000	268.878	2000956.48	0.1371	A	1.3
6	☐	500.000	503.316	3718994.08	0.2567	A	0.3
7	☐	1000.000	991.447	7391354.54	0.5056	A	1.2
8	☐			1047.83	0.0001	P	7.6

$$y = 5.0995\text{E-}004 * x + 4.9109\text{E-}006$$

$$R = 0.9997$$

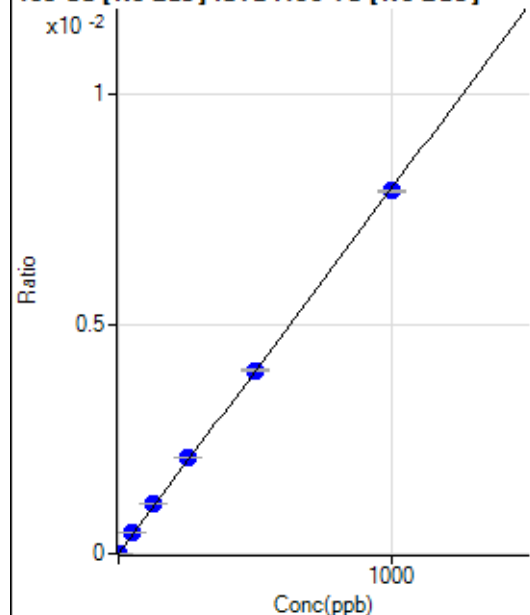
$$DL = 0.00712$$

$$BEC = 0.00963$$

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	7.78	0.0000	P	25.1
2	☐	1.000	1.079	136.67	0.0000	P	6.0
3	☐	50.000	56.308	6729.39	0.0004	P	3.2
4	☐	125.000	137.673	16367.11	0.0011	P	2.6
5	☐	250.000	263.102	30519.85	0.0021	P	1.1
6	☐	500.000	502.810	57906.01	0.0040	P	1.3
7	☐	1000.000	993.420	115436.63	0.0079	P	0.8
8	☐			55.55	0.0000	P	5.5

$$y = 7.9470\text{E-}006 * x + 5.2188\text{E-}007$$

$$R = 0.9999$$

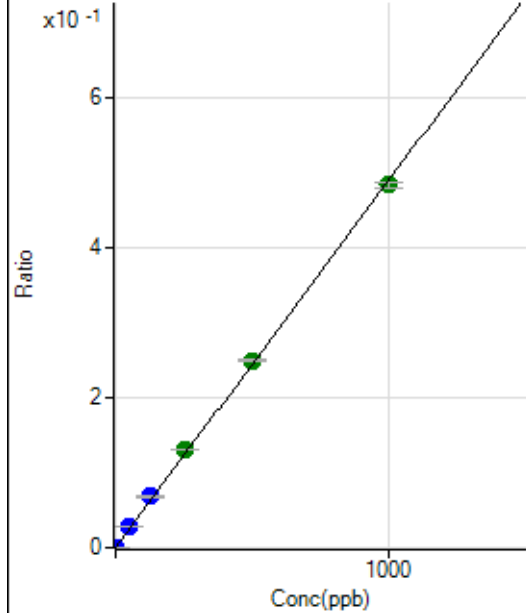
$$DL = 0.04954$$

$$BEC = 0.06567$$

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	28.89	0.0000	P	17.2
2	☐	1.000	1.030	7589.83	0.0005	P	3.2
3	☐	50.000	55.870	410336.73	0.0273	P	0.5
4	☐	125.000	139.343	1018820.37	0.0681	P	1.1
5	☐	250.000	267.561	1909078.98	0.1308	A	1.0
6	☐	500.000	509.741	3611275.33	0.2492	A	0.8
7	☐	1000.000	988.653	7066413.02	0.4834	A	1.7
8	☐			976.71	0.0001	P	18.3

$$y = 4.8894\text{E-}004 * x + 1.9355\text{E-}006$$

$$R = 0.9997$$

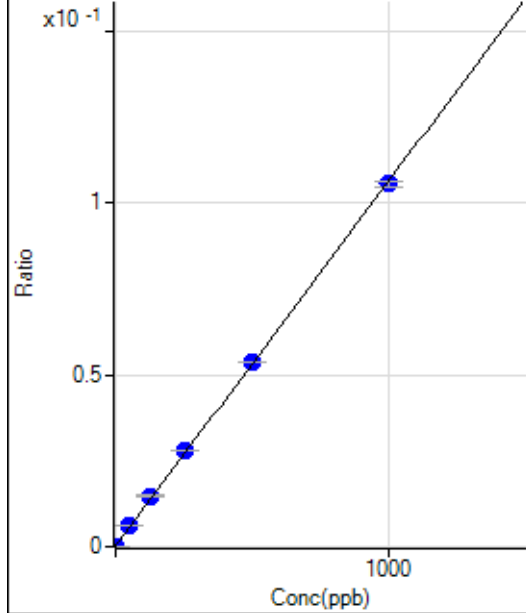
$$DL = 0.002043$$

$$BEC = 0.003959$$

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	2308.95	0.0002	P	1.7
2	☐	1.000	1.095	4069.11	0.0003	P	6.1
3	☐	50.000	54.671	89515.56	0.0060	P	0.7
4	☐	125.000	138.122	221615.63	0.0148	P	1.1
5	☐	250.000	263.393	410375.68	0.0281	P	0.9
6	☐	500.000	503.588	776982.43	0.0536	P	0.6
7	☐	1000.000	992.984	1543578.61	0.1056	P	1.2
8	☐			2257.90	0.0002	P	1.8

$$y = 1.0618\text{E-}004 * x + 1.5477\text{E-}004$$

$$R = 0.9998$$

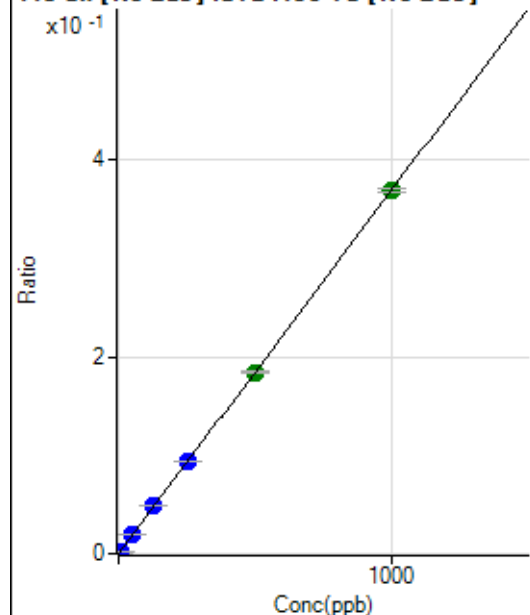
$$DL = 0.07398$$

$$BEC = 1.458$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	473.35	0.0000	P	9.4
2	☐	5.000	4.950	27932.70	0.0019	P	1.1
3	☐	50.000	52.577	292165.98	0.0195	P	0.5
4	☐	125.000	132.612	732946.57	0.0490	P	0.8
5	☐	250.000	253.552	1367106.68	0.0937	P	1.0
6	☐	500.000	499.585	2674195.24	0.1846	A	1.1
7	☐	1000.000	998.240	5390692.80	0.3687	A	1.2
8	☐			6609.35	0.0005	P	2.3

$$y = 3.6936E-004 * x + 3.1737E-005$$

$$R = 1.0000$$

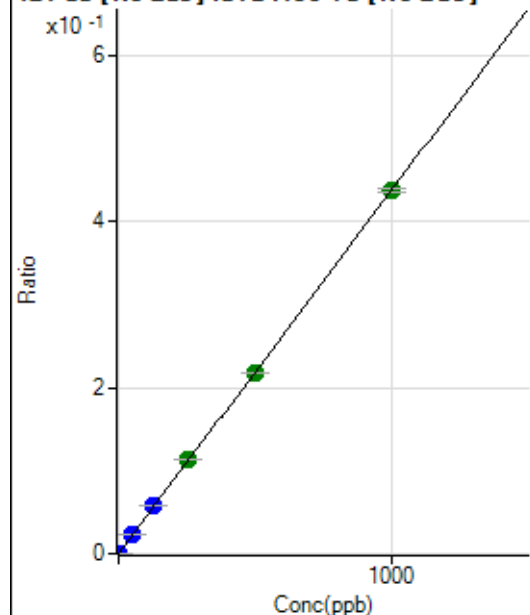
$$DL = 0.02435$$

$$BEC = 0.08592$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0000	P	28.2
2	☐	2.000	2.031	13425.24	0.0009	P	2.3
3	☐	50.000	52.042	342473.41	0.0228	P	1.1
4	☐	125.000	131.254	859845.41	0.0575	P	0.6
5	☐	250.000	259.386	1658248.99	0.1136	A	0.2
6	☐	500.000	496.413	3150760.75	0.2175	A	0.2
7	☐	1000.000	998.563	6394714.49	0.4374	A	1.0
8	☐			4873.09	0.0004	P	3.1

$$y = 4.3804E-004 * x + 4.2484E-006$$

$$R = 0.9999$$

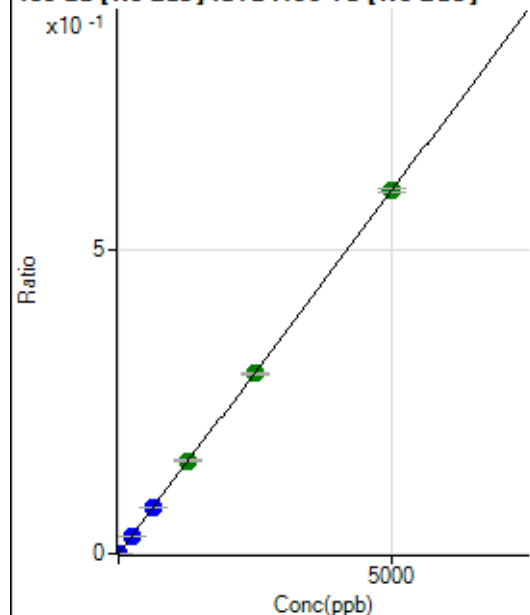
$$DL = 0.0082$$

$$BEC = 0.009699$$

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	31.11	0.0000	P	37.0
2	☐	10.000	9.591	17280.56	0.0012	P	0.6
3	☐	250.000	251.017	451553.74	0.0301	P	0.1
4	☐	625.000	635.990	1139001.86	0.0762	P	0.6
5	☐	1250.000	1284.079	2243906.67	0.1538	A	1.8
6	☐	2500.000	2479.624	4302753.31	0.2970	A	0.7
7	☐	5000.000	5000.244	8754699.94	0.5988	A	0.9
8	☐			3461.56	0.0003	P	5.6

$$y = 1.1976\text{E-}004 * x + 2.0827\text{E-}006$$

$$R = 1.0000$$

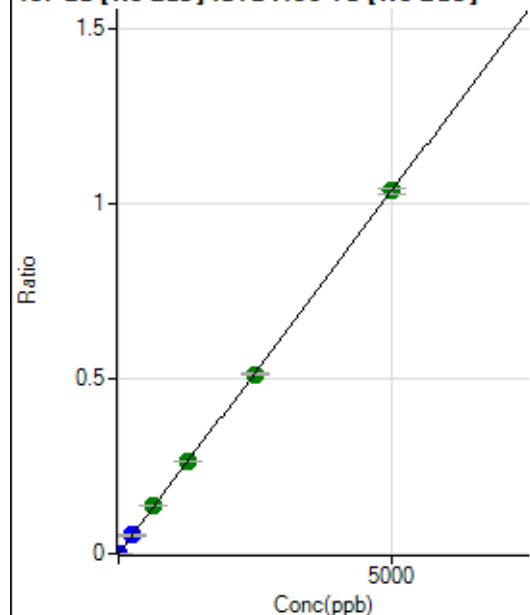
$$DL = 0.01932$$

$$BEC = 0.01739$$

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	54.45	0.0000	P	19.0
2	☐	10.000	9.561	29787.85	0.0020	P	1.4
3	☐	250.000	252.369	785156.69	0.0523	P	0.6
4	☐	625.000	658.837	2040762.28	0.1365	A	0.3
5	☐	1250.000	1270.740	3840844.73	0.2632	A	0.6
6	☐	2500.000	2475.152	7428026.28	0.5126	A	0.8
7	☐	5000.000	5002.892	15148101.02	1.0362	A	1.3
8	☐			5913.50	0.0004	P	3.3

$$y = 2.0711\text{E-}004 * x + 3.6470\text{E-}006$$

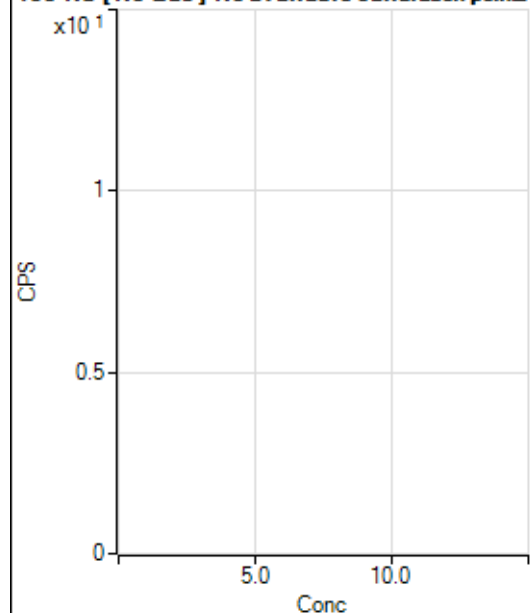
$$R = 1.0000$$

$$DL = 0.01004$$

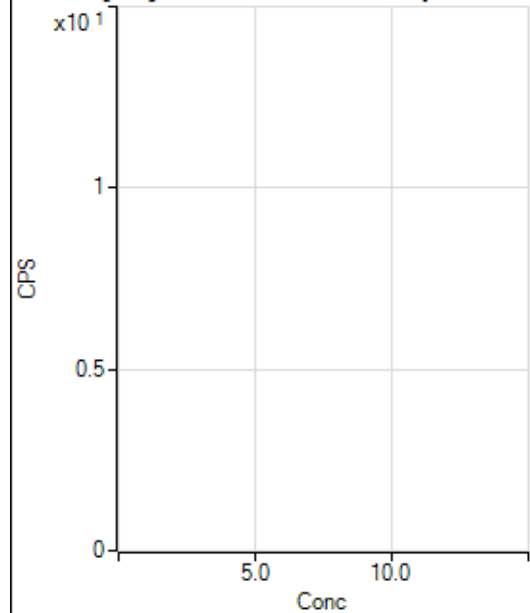
$$BEC = 0.01761$$

Weight: <None>

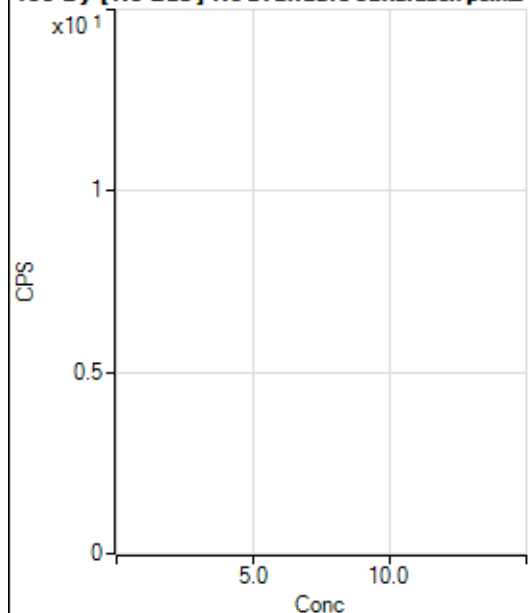
Min Conc: 0

150 Nd [No Gas] No available calibration points

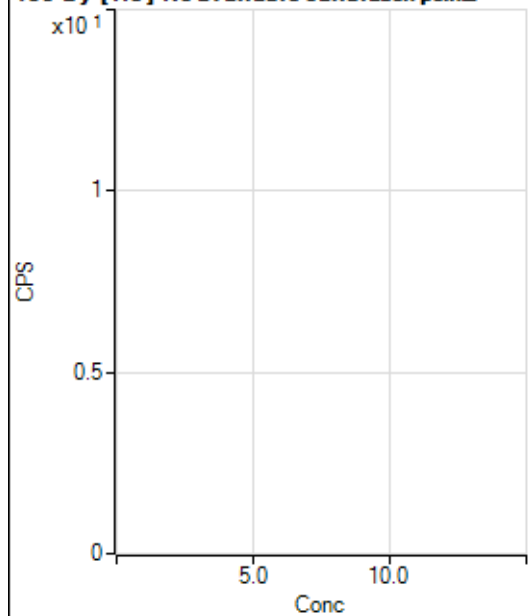
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	93.2
2	☐			10.00		P	66.7
3	☐			33.33		P	43.6
4	☐			84.45		P	18.7
5	☐			146.67		P	4.5
6	☐			280.01		P	8.3
7	☐			592.24		P	8.2
8	☐			172.22		P	14.0

150 Nd [He] No available calibration points

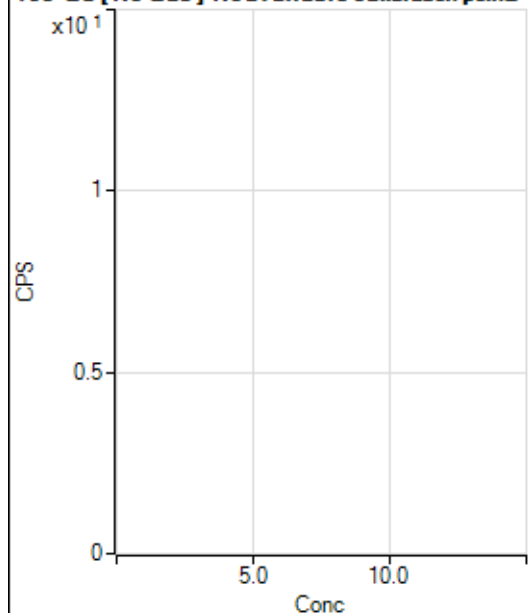
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			5.56		P	34.7
3	☐			12.22		P	41.7
4	☐			8.89		P	57.3
5	☐			28.89		P	33.3
6	☐			56.67		P	35.8
7	☐			114.45		P	19.4
8	☐			97.78		P	7.1

156 Dy [No Gas] No available calibration points

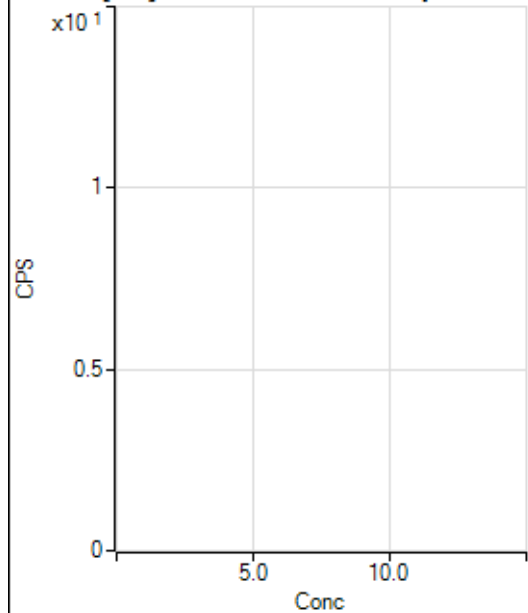
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			25.56		P	83.9
3	☐			30.00		P	11.1
4	☐			37.78		P	31.0
5	☐			67.78		P	7.5
6	☐			104.45		P	14.4
7	☐			177.78		P	27.4
8	☐			265.56		P	11.0

156 Dy [He] No available calibration points

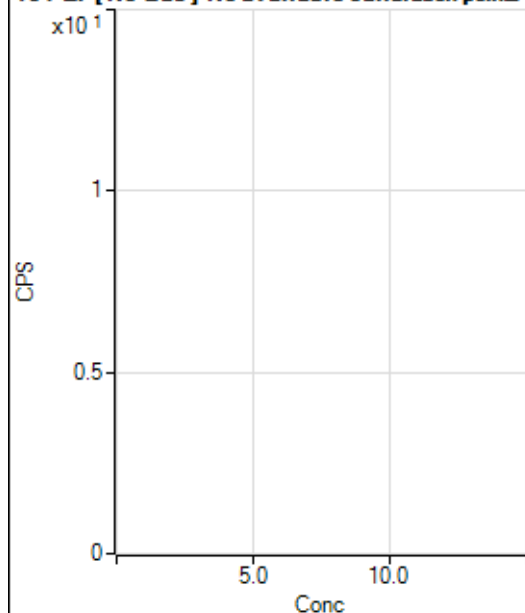
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			6.67		P	50.0
3	☐			37.78		P	13.5
4	☐			56.67		P	27.0
5	☐			123.33		P	25.8
6	☐			203.34		P	15.6
7	☐			387.79		P	3.0
8	☐			215.56		P	14.4

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

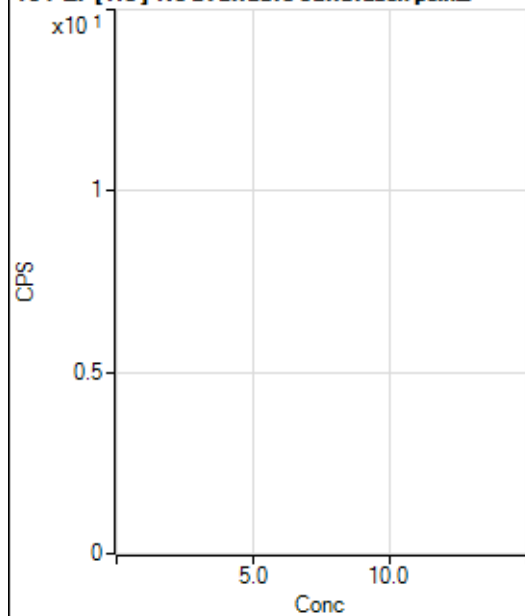
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.45		P	12.7
2	☐			52.22		P	19.5
3	☐			61.11		P	30.0
4	☐			62.22		P	25.3
5	☐			78.89		P	23.3
6	☐			80.00		P	11.0
7	☐			140.00		P	30.9
8	☐			241.12		P	10.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			458.90		P	13.1
2	☐			491.12		P	1.0
3	☐			467.79		P	8.8
4	☐			496.68		P	8.6
5	☐			501.12		P	3.7
6	☐			514.46		P	8.2
7	☐			493.35		P	5.8
8	☐			606.69		P	8.1

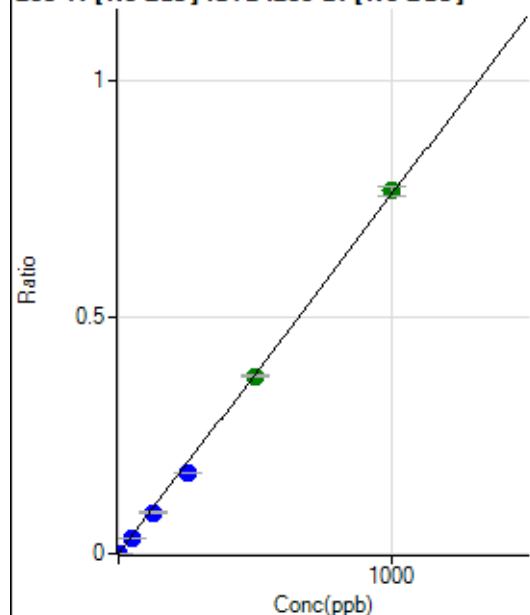
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	20.8
2	☐			123.34		P	5.4
3	☐			86.67		P	7.7
4	☐			117.78		P	8.2
5	☐			122.22		P	43.3
6	☐			144.45		P	3.5
7	☐			171.11		P	16.6
8	☐			286.67		P	12.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.44		P	7.9
2	☐			55.55		P	52.4
3	☐			62.22		P	32.7
4	☐			87.78		P	29.5
5	☐			74.45		P	28.4
6	☐			92.22		P	28.1
7	☐			112.22		P	31.5
8	☐			171.11		P	11.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0000	P	12.4
2	☐	1.000	0.875	6096.97	0.0007	P	2.2
3	☐	50.000	44.973	311210.18	0.0342	P	1.1
4	☐	125.000	114.927	788916.54	0.0874	P	0.8
5	☐	250.000	226.154	1517355.10	0.1719	P	0.3
6	☐	500.000	494.297	3283662.17	0.3758	A	0.8
7	☐	1000.000	1010.324	6640954.28	0.7680	A	2.4
8	☐			957.82	0.0001	P	7.5

$$y = 7.6016\text{E-}004 * x + 1.2220\text{E-}005$$

$$R = 0.9997$$

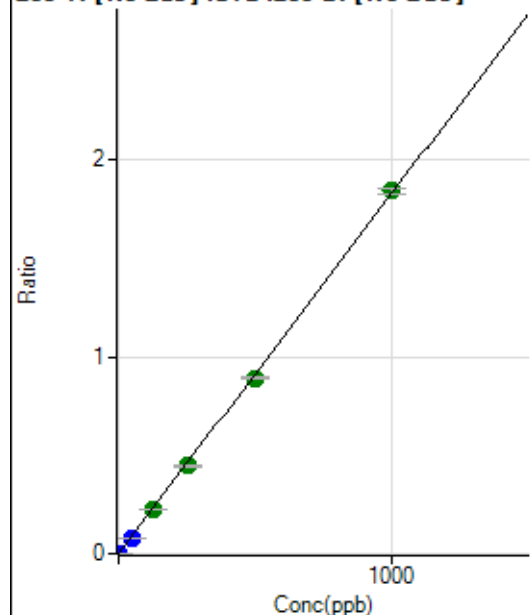
$$DL = 0.005982$$

$$BEC = 0.01608$$

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	254.45	0.0000	P	8.5
2	☐	1.000	0.846	14178.62	0.0016	P	0.9
3	☐	50.000	44.313	737954.59	0.0811	P	0.5
4	☐	125.000	124.706	2060133.65	0.2282	A	0.5
5	☐	250.000	243.486	3931353.55	0.4455	A	1.5
6	☐	500.000	487.280	7790042.04	0.8915	A	1.4
7	☐	1000.000	1008.310	15952775.88	1.8446	A	1.6
8	☐			2234.65	0.0003	P	11.4

$$y = 0.0018 * x + 2.8255\text{E-}005$$

$$R = 0.9999$$

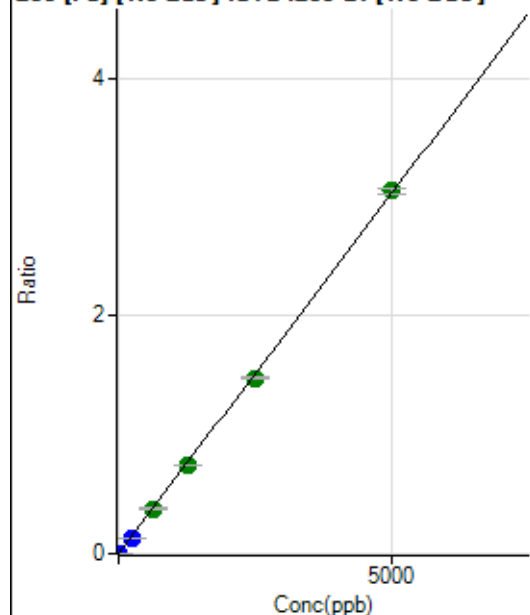
$$DL = 0.003938$$

$$BEC = 0.01545$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0000	P	9.5
2	☐	1.000	0.843	4890.93	0.0005	P	4.1
3	☐	250.000	223.991	1235867.29	0.1358	P	0.8
4	☐	625.000	625.261	3422460.64	0.3791	A	0.9
5	☐	1250.000	1225.813	6558108.44	0.7431	A	0.7
6	☐	2500.000	2439.006	12920117.73	1.4785	A	1.0
7	☐	5000.000	5037.811	26409433.22	3.0538	A	1.6
8	☐			5930.25	0.0008	P	2.1

$$y = 6.0618\text{E-}004 * x + 3.2336\text{E-}005$$

$$R = 0.9999$$

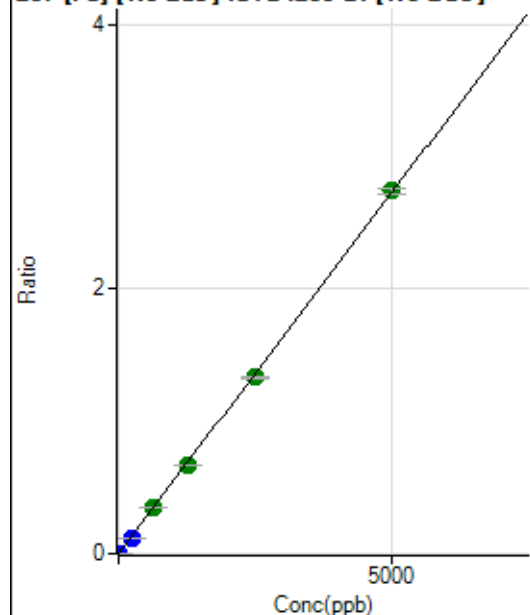
$$DL = 0.01524$$

$$BEC = 0.05334$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.01	0.0000	P	3.4
2	☐	1.000	0.834	4360.74	0.0005	P	1.9
3	☐	250.000	221.968	1100677.95	0.1210	P	0.7
4	☐	625.000	629.405	3096268.67	0.3429	A	0.7
5	☐	1250.000	1230.863	5918196.16	0.6706	A	0.8
6	☐	2500.000	2447.195	11650620.52	1.3332	A	0.8
7	☐	5000.000	5032.038	23708212.43	2.7414	A	1.5
8	☐			5444.49	0.0007	P	2.7

$$y = 5.4478\text{E-}004 * x + 2.9985\text{E-}005$$

$$R = 0.9999$$

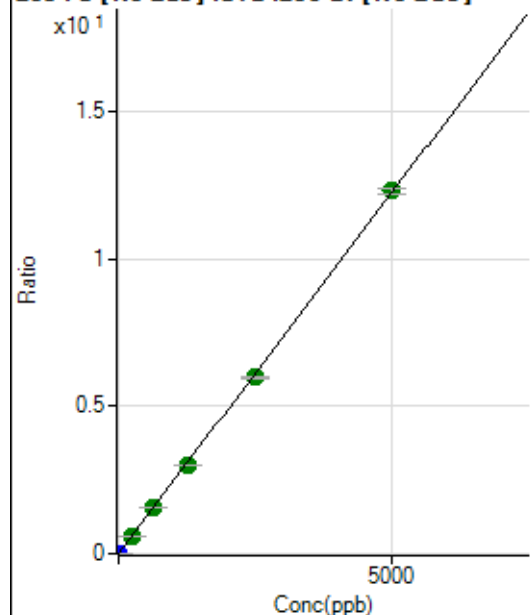
$$DL = 0.005671$$

$$BEC = 0.05504$$

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	1251.15	0.0001	P	2.2
2	☐	1.000	0.839	19743.56	0.0022	P	2.3
3	☐	250.000	234.912	5235924.47	0.5754	A	1.0
4	☐	625.000	630.189	13935278.08	1.5433	A	1.0
5	☐	1250.000	1224.572	26466663.42	2.9989	A	0.3
6	☐	2500.000	2447.967	52386223.67	5.9947	A	0.8
7	☐	5000.000	5032.480	106575013.6	12.3236	A	1.6
8	☐			24140.81	0.0033	P	2.9

$$y = 0.0024 * x + 1.3895E-004$$

$$R = 0.9999$$

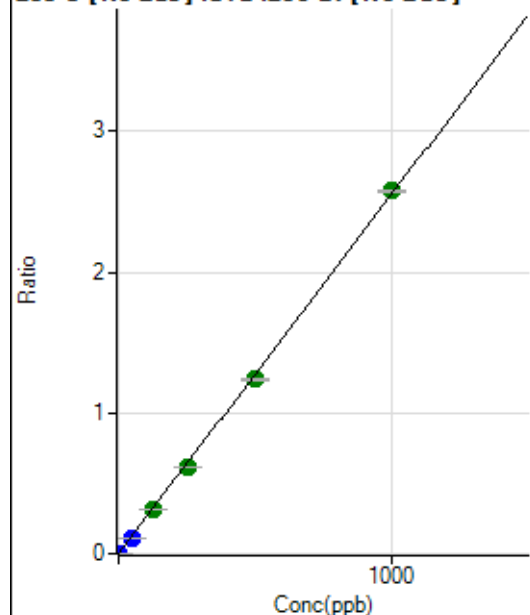
$$DL = 0.00377$$

$$BEC = 0.05674$$

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	11.11	0.0000	P	62.5
2	☐	1.000	0.797	18333.79	0.0020	P	1.1
3	☐	50.000	42.153	979192.71	0.1076	P	1.1
4	☐	125.000	122.164	2815758.74	0.3118	A	0.5
5	☐	250.000	241.699	5445407.42	0.6170	A	0.9
6	☐	500.000	485.747	10835538.59	1.2400	A	1.4
7	☐	1000.000	1009.949	22298640.50	2.5781	A	0.8
8	☐			1014.50	0.0001	P	10.7

$$y = 0.0026 * x + 1.2335E-006$$

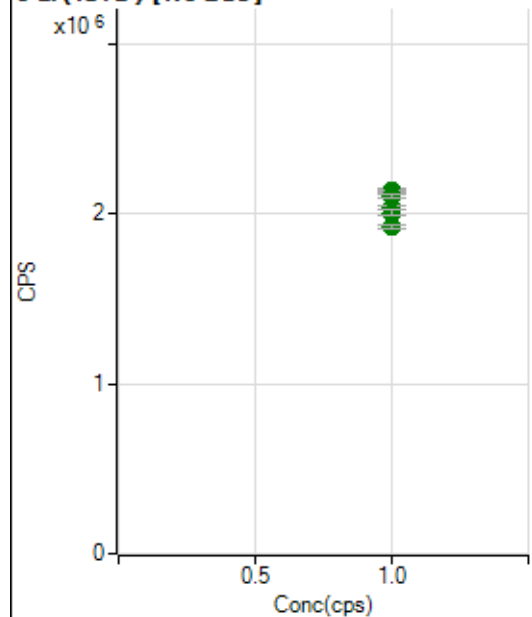
$$R = 0.9998$$

$$DL = 0.0009064$$

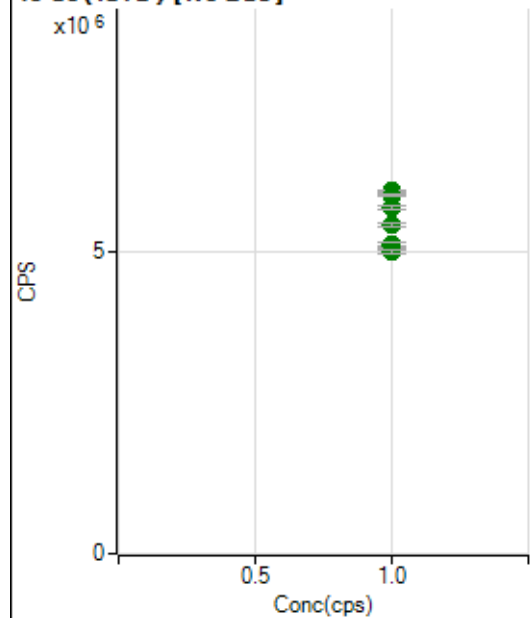
$$BEC = 0.0004832$$

Weight: <None>

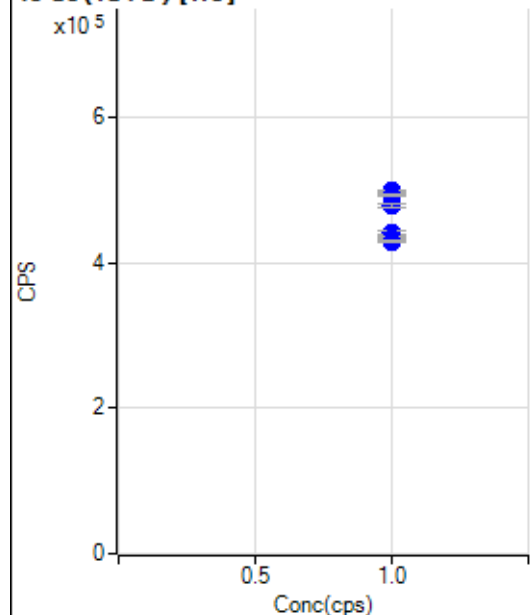
Min Conc: 0

6 Li (ISTD) [No Gas]

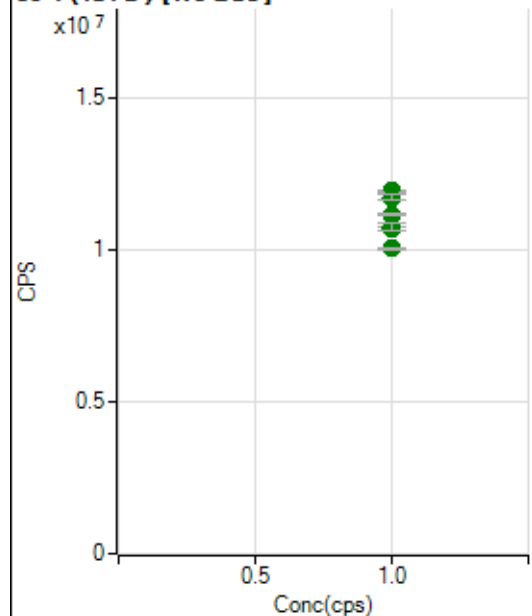
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2118357.78		A	0.7
2	☐	1.000		2131839.53		A	1.0
3	☐	1.000		2125264.72		A	1.0
4	☐	1.000		2130196.72		A	0.3
5	☐	1.000		2099858.25		A	1.1
6	☐	1.000		2035752.84		A	1.2
7	☐	1.000		2004560.80		A	1.5
8	☐	1.000		1922705.84		A	0.8

45 Sc (ISTD) [No Gas]

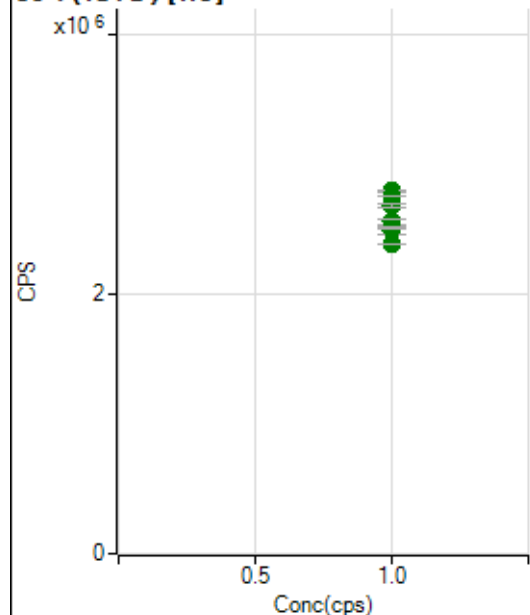
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6007577.41		A	0.7
2	☐	1.000		6007124.36		A	0.5
3	☐	1.000		5934980.19		A	0.6
4	☐	1.000		5738592.83		A	1.0
5	☐	1.000		5451151.58		A	1.1
6	☐	1.000		5128072.88		A	1.3
7	☐	1.000		5097218.74		A	1.8
8	☐	1.000		4989754.72		A	1.1

45 Sc (ISTD) [He]

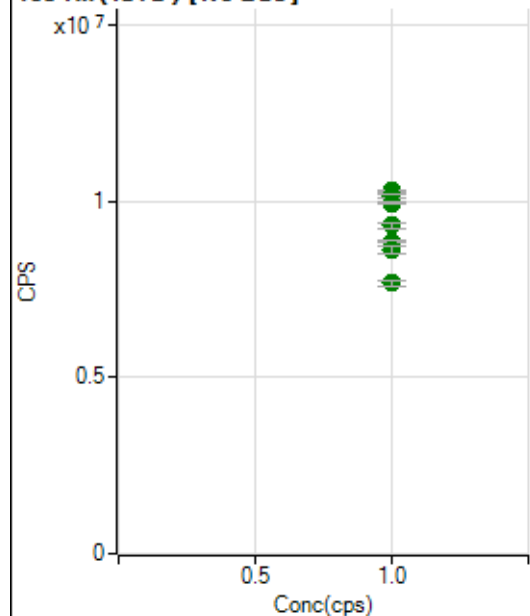
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		499522.78		P	0.6
2	☐	1.000		498412.40		P	0.5
3	☐	1.000		493625.49		P	0.1
4	☐	1.000		478044.97		P	1.1
5	☐	1.000		442804.72		P	1.2
6	☐	1.000		429750.30		P	0.5
7	☐	1.000		434744.08		P	0.8
8	☐	1.000		429957.12		P	0.3

89 Y (ISTD) [No Gas]

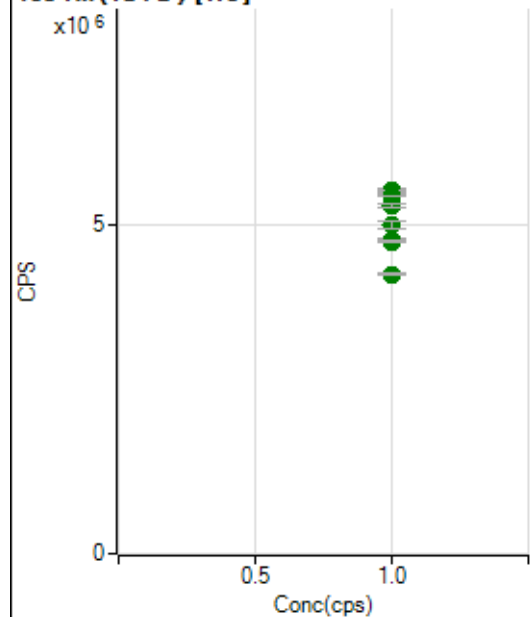
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11876120.80		A	0.5
2	☐	1.000		11940345.24		A	0.5
3	☐	1.000		11860720.79		A	0.2
4	☐	1.000		11738548.30		A	1.4
5	☐	1.000		11154838.86		A	0.5
6	☐	1.000		10719412.48		A	1.1
7	☐	1.000		10732492.13		A	2.4
8	☐	1.000		10048498.25		A	0.8

89 Y(ISTD) [He]

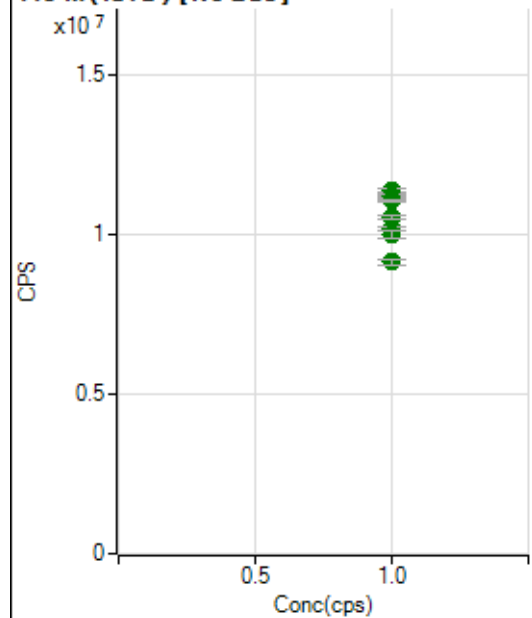
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2797928.50		A	0.3
2	☐	1.000		2794195.41		A	0.5
3	☐	1.000		2763069.40		A	0.0
4	☐	1.000		2686428.26		A	0.9
5	☐	1.000		2559892.15		A	1.9
6	☐	1.000		2487038.54		A	1.9
7	☐	1.000		2510931.82		A	0.6
8	☐	1.000		2387672.38		A	0.5

103 Rh(ISTD) [No Gas]

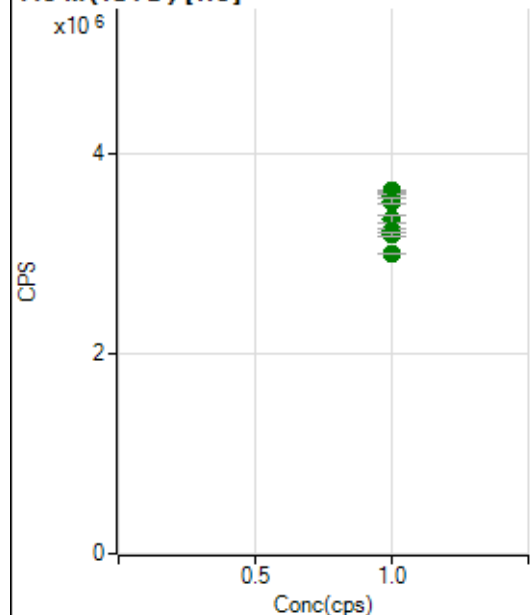
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10293113.25		A	0.9
2	☐	1.000		10308394.85		A	0.3
3	☐	1.000		10179000.61		A	0.9
4	☐	1.000		9969571.80		A	1.0
5	☐	1.000		9330161.88		A	1.7
6	☐	1.000		8864365.43		A	0.7
7	☐	1.000		8610729.11		A	2.4
8	☐	1.000		7676843.85		A	1.5

103 Rh (ISTD) [He]

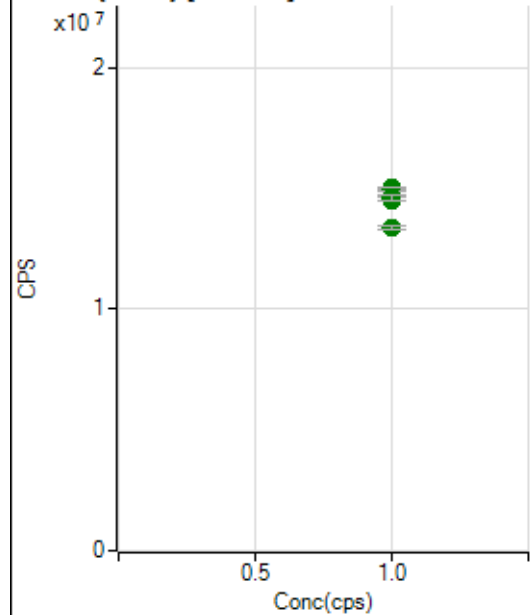
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5506977.76		A	1.3
2	☐	1.000		5504603.39		A	0.8
3	☐	1.000		5428341.03		A	0.2
4	☐	1.000		5284594.85		A	1.6
5	☐	1.000		4991961.77		A	2.4
6	☐	1.000		4763256.87		A	1.2
7	☐	1.000		4740272.95		A	1.1
8	☐	1.000		4238006.40		A	0.8

115 In (ISTD) [No Gas]

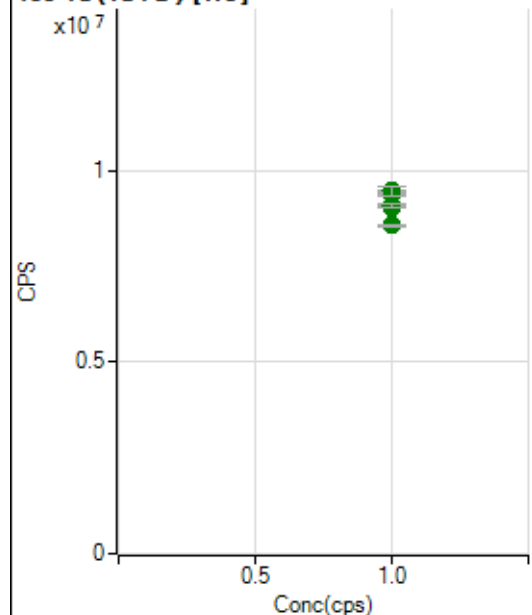
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11240426.03		A	0.7
2	☐	1.000		11364009.95		A	1.0
3	☐	1.000		11226447.08		A	1.0
4	☐	1.000		11064586.88		A	0.7
5	☐	1.000		10561778.43		A	1.0
6	☐	1.000		10174300.07		A	1.0
7	☐	1.000		9996819.52		A	2.9
8	☐	1.000		9126628.67		A	2.4

115 In (ISTD) [He]

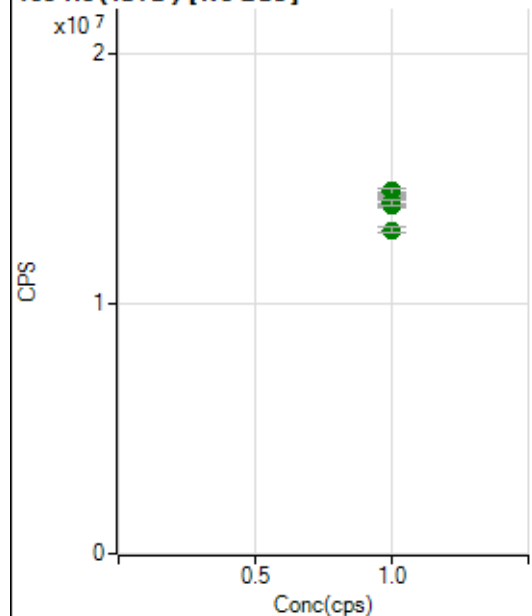
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3626416.08		A	0.8
2	☐	1.000		3609980.45		A	0.5
3	☐	1.000		3571330.79		A	0.9
4	☐	1.000		3525994.06		A	1.2
5	☐	1.000		3347623.43		A	2.0
6	☐	1.000		3227958.13		A	1.4
7	☐	1.000		3194459.27		A	1.2
8	☐	1.000		3000982.38		A	0.2

159 Tb (ISTD) [No Gas]

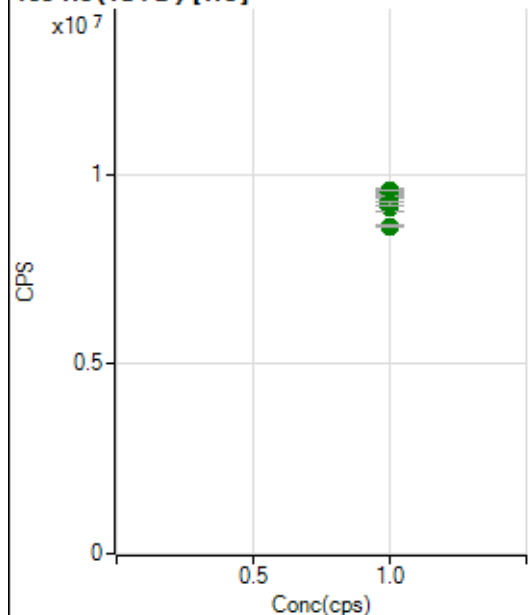
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14917606.45		A	0.6
2	☐	1.000		15016893.11		A	0.9
3	☐	1.000		15020229.08		A	0.2
4	☐	1.000		14954891.44		A	1.2
5	☐	1.000		14593866.03		A	1.3
6	☐	1.000		14489459.78		A	0.3
7	☐	1.000		14621136.45		A	1.8
8	☐	1.000		13377028.83		A	1.6

159 Tb (ISTD) [He]

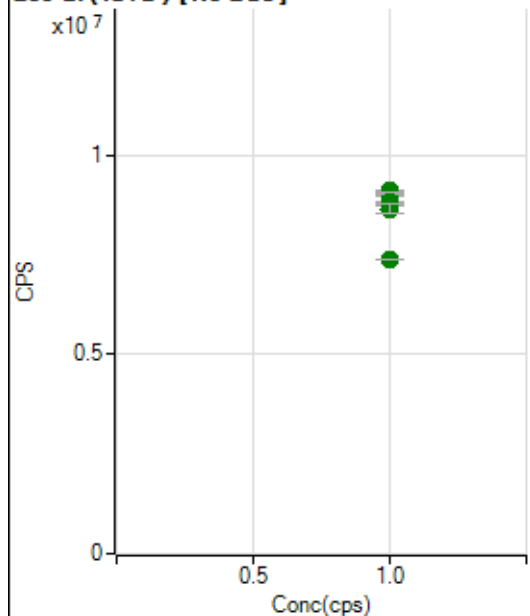
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9388975.48		A	1.3
2	☐	1.000		9451096.04		A	0.9
3	☐	1.000		9472545.69		A	0.2
4	☐	1.000		9467932.78		A	2.7
5	☐	1.000		9056315.91		A	0.7
6	☐	1.000		9058137.43		A	0.9
7	☐	1.000		9091172.23		A	1.1
8	☐	1.000		8564846.82		A	0.4

165 Ho (ISTD) [No Gas]

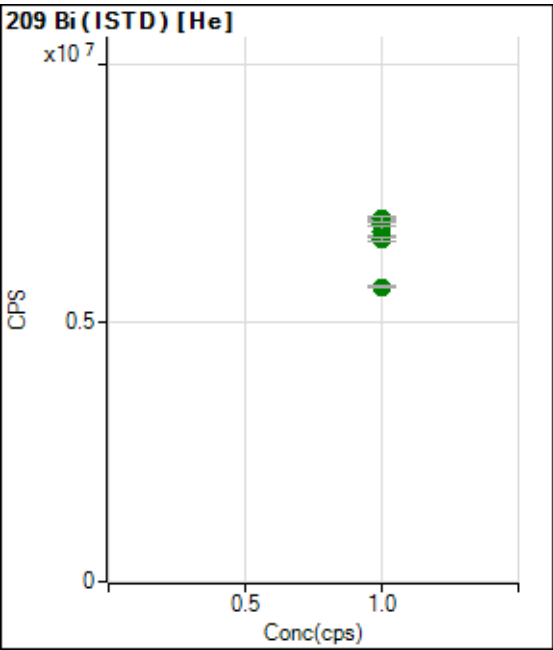
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14248041.87		A	0.4
2	☐	1.000		14427685.06		A	0.8
3	☐	1.000		14503288.95		A	0.9
4	☐	1.000		14456031.73		A	2.0
5	☐	1.000		14063435.76		A	1.0
6	☐	1.000		13923748.54		A	0.7
7	☐	1.000		14022787.15		A	1.9
8	☐	1.000		12939042.72		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9457459.09		A	1.8
2	☐	1.000		9495947.36		A	0.5
3	☐	1.000		9568977.71		A	1.0
4	☐	1.000		9521263.19		A	1.3
5	☐	1.000		9315395.28		A	3.1
6	☐	1.000		9120368.13		A	1.6
7	☐	1.000		9228232.85		A	0.8
8	☐	1.000		8633372.09		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9004422.64		A	0.3
2	☐	1.000		9001224.52		A	0.9
3	☐	1.000		9100005.35		A	0.6
4	☐	1.000		9029258.27		A	0.5
5	☐	1.000		8825633.62		A	0.4
6	☐	1.000		8738896.33		A	0.4
7	☐	1.000		8650438.14		A	2.6
8	☐	1.000		7382585.10		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6921980.87		A	1.2
2	☐	1.000		6995593.02		A	0.6
3	☐	1.000		6979789.76		A	0.1
4	☐	1.000		7009474.62		A	1.4
5	☐	1.000		6772682.61		A	2.7
6	☐	1.000		6654588.31		A	0.7
7	☐	1.000		6606151.85		A	0.8
8	☐	1.000		5696528.81		A	0.8