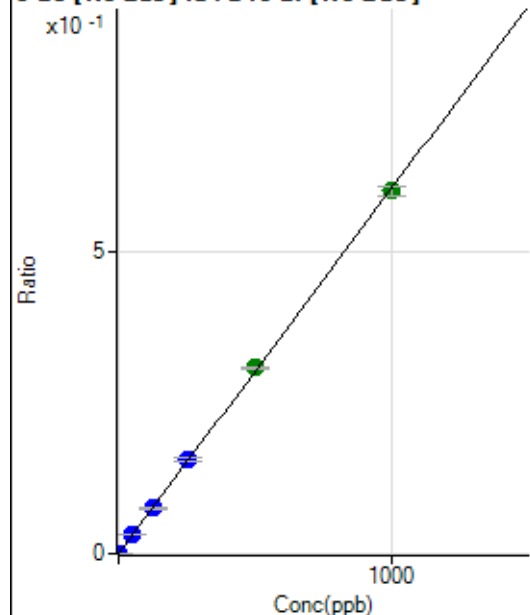


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011923 MS.b\
Analysis File: P8011923 MS.batch.bin
DA Date-Time: 2023-01-19 18:13:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-01-19 12:46:46
2	005CALS.d	S02	2023-01-19 12:49:57
3	006CALS.d	S03	2023-01-19 12:53:11
4	007CALS.d	S04	2023-01-19 12:56:18
5	008CALS.d	S05	2023-01-19 12:59:27
6	009CALS.d	S06	2023-01-19 13:02:34
7	010CALS.d	S07	2023-01-19 13:05:42
8	011CALS.d	S08	2023-01-19 13:08:49

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.50	0.0000	P	11.8
2	☐	1.000	1.137	3081.61	0.0007	P	2.0
3	☐	50.000	52.510	143578.42	0.0317	P	5.4
4	☐	125.000	124.076	357397.88	0.0749	P	5.5
5	☐	250.000	257.855	707743.23	0.1556	P	5.2
6	☐	500.000	508.844	1364697.12	0.3070	A	1.7
7	☐	1000.000	993.604	2655095.69	0.5995	A	2.5
8	☐			939.08	0.0002	P	12.0

$$y = 6.0339\text{E-}004 * x + 7.1435\text{E-}006$$

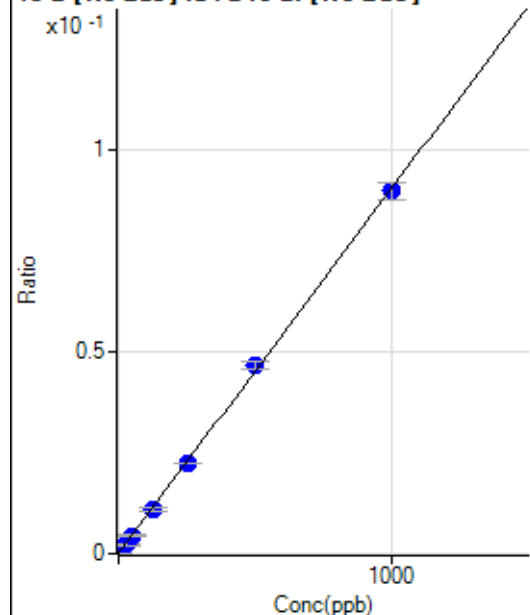
$$R = 0.9999$$

$$DL = 0.004175$$

$$BEC = 0.01184$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.27	0.0001	P	2.9
2	☐	25.000	23.233	9671.31	0.0022	P	5.3
3	☐	50.000	48.711	20314.74	0.0045	P	2.5
4	☐	125.000	119.066	51656.07	0.0108	P	10.1
5	☐	250.000	247.099	102124.42	0.0224	P	0.9
6	☐	500.000	516.105	207711.74	0.0467	P	4.2
7	☐	1000.000	993.523	398056.96	0.0899	P	4.6
8	☐			28971.66	0.0072	P	9.4

$$y = 9.0434\text{E-}005 * x + 7.3142\text{E-}005$$

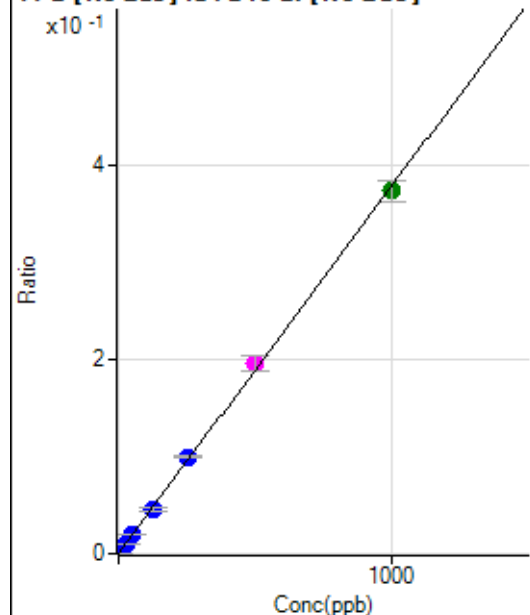
$$R = 0.9998$$

$$DL = 0.07139$$

$$BEC = 0.8088$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1265.14	0.0003	P	4.4
2	☐	25.000	24.341	42091.42	0.0095	P	4.6
3	☐	50.000	51.855	89996.22	0.0198	P	3.3
4	☐	125.000	122.245	221328.67	0.0464	P	8.4
5	☐	250.000	262.724	452745.00	0.0994	P	1.8
6	☐	500.000	518.869	870534.14	0.1961	M	8.4
7	☐	1000.000	987.653	1650984.34	0.3730	A	5.9
8	☐			125680.54	0.0312	P	9.1

$$y = 3.7735E-004 * x + 2.7784E-004$$

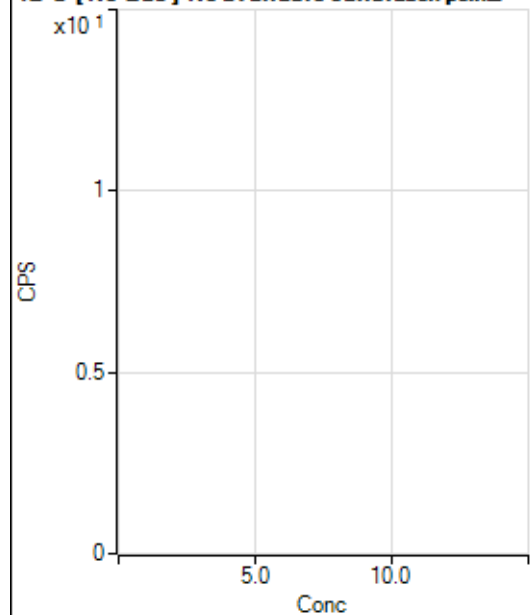
$$R = 0.9996$$

$$DL = 0.09658$$

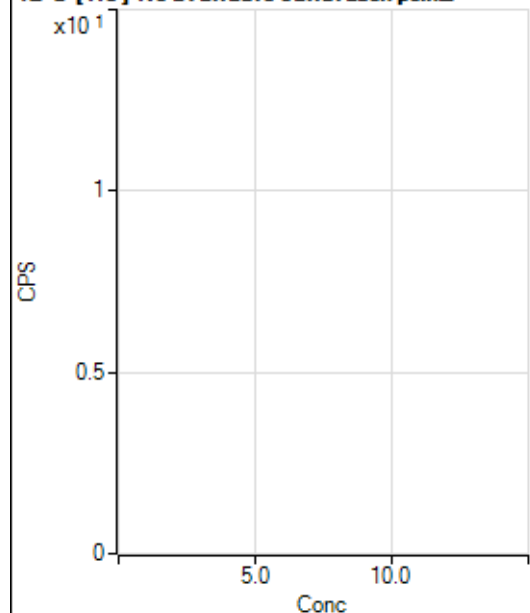
$$BEC = 0.7363$$

Weight: <None>

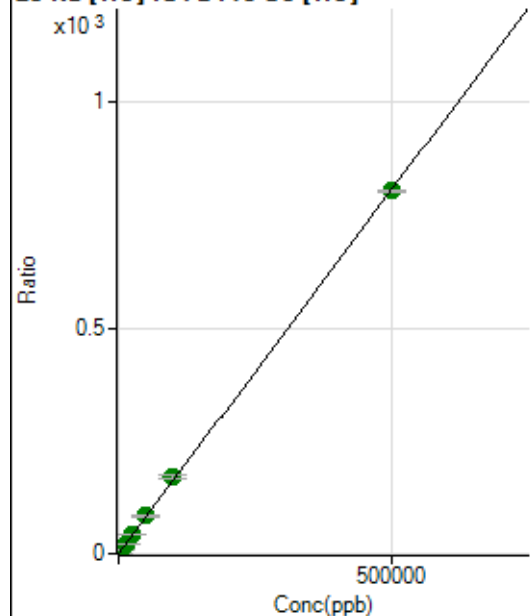
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5887314.32		A	1.7
2	☐			5922880.12		A	1.1
3	☐			6240567.07		A	1.0
4	☐			6260449.92		A	0.1
5	☐			6380845.41		A	0.8
6	☐			7035866.30		A	2.1
7	☐			8061178.57		A	1.4
8	☐			7490751.38		A	0.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65398.84		P	2.3
2	☐			67115.28		P	0.1
3	☐			68646.86		P	1.4
4	☐			70522.48		P	1.2
5	☐			72962.26		P	0.4
6	☐			80568.33		P	0.6
7	☐			96891.65		P	2.1
8	☐			88980.47		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13286.92	0.0747	P	5.5
2	☐	500.000	491.921	161953.83	0.8680	P	1.8
3	☐	5000.000	5101.728	1537728.06	8.3020	A	1.0
4	☐	12500.000	12981.604	3736590.97	21.0094	A	4.7
5	☐	25000.000	25770.418	7196621.95	41.6332	A	1.0
6	☐	50000.000	52094.510	14511495.64	84.0845	A	3.8
7	☐	100000.00	105519.47	29270463.15	170.2398	A	4.2
8	☐	500000.00	498635.08	136098816.9	804.1945	A	0.6

$$y = 0.0016 * x + 0.0747$$

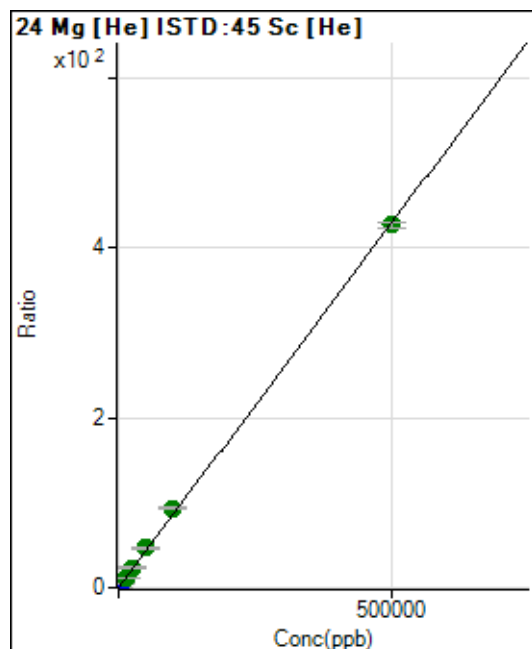
$$R = 0.9999$$

$$DL = 7.697$$

$$BEC = 46.32$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.69	0.0026	P	17.0
2	☐	500.000	516.588	83263.24	0.4463	P	2.8
3	☐	5000.000	5343.162	850323.84	4.5913	P	1.6
4	☐	12500.000	13925.354	2127471.03	11.9616	A	4.2
5	☐	25000.000	27599.514	4097205.30	23.7049	A	0.7
6	☐	50000.000	54094.026	8016035.25	46.4582	A	4.3
7	☐	100000.00	109283.76	16137945.15	93.8547	A	3.5
8	☐	500000.00	497564.78	72315647.45	427.3076	A	1.4

$$y = 8.5879\text{E-}004 * x + 0.0026$$

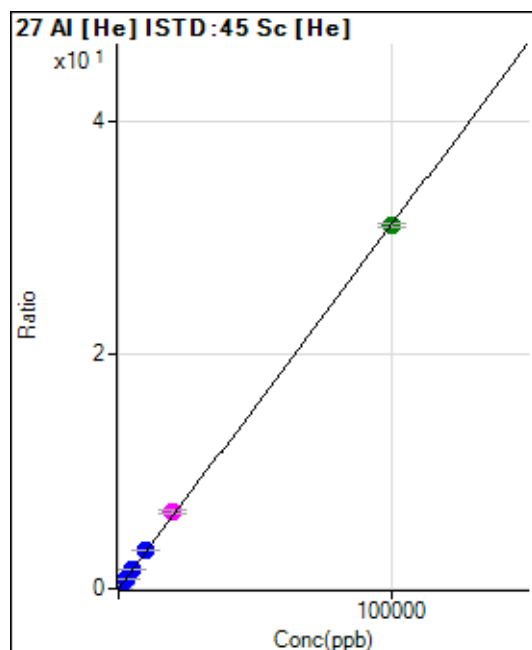
$$R = 0.9998$$

$$DL = 1.555$$

$$BEC = 3.053$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.91	0.0003	P	17.9
2	☐	20.000	21.734	1321.98	0.0071	P	5.1
3	☐	1000.000	1041.996	60086.88	0.3244	P	2.2
4	☐	2500.000	2631.878	145665.44	0.8189	P	2.5
5	☐	5000.000	5215.581	280470.16	1.6225	P	1.7
6	☐	10000.000	10501.379	563724.90	3.2666	P	2.4
7	☐	20000.000	21248.433	1136164.23	6.6093	M	5.9
8	☐	100000.00	99685.679	5247562.61	31.0057	A	1.2

$$y = 3.1103\text{E-}004 * x + 3.2476\text{E-}004$$

$$R = 0.9999$$

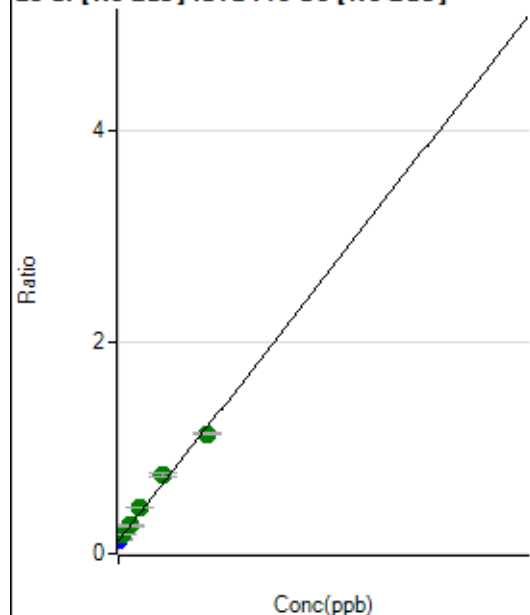
$$DL = 0.5615$$

$$BEC = 1.044$$

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	782766.63	0.1215	P	2.0
2	☐	10.000	12.775	852210.68	0.1352	P	2.5
3	☐	50.000	54.711	1143862.76	0.1802	A	0.5
4	☐	125.000	136.938	1724926.23	0.2685	A	6.6
5	☐	250.000	290.300	2616766.51	0.4331	A	2.2
6	☐	500.000	582.528	4469114.20	0.7468	A	4.7
7	☐	1000.000	946.905	7150323.86	1.1379	A	1.5
8	☐			1090330.85	0.1912	A	1.3

$$y = 0.0011 * x + 0.1215$$

$$R = 0.9937$$

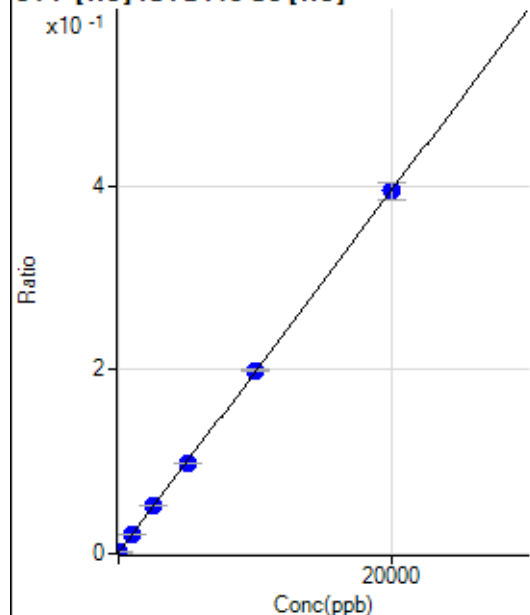
$$DL = 6.745$$

$$BEC = 113.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-13.515	172.23	0.0010	P	18.8
2	☐	0.000	13.515	280.57	0.0015	P	18.4
3	☐	1000.000	991.868	3850.63	0.0208	P	5.8
4	☐	2500.000	2580.837	9269.89	0.0521	P	1.5
5	☐	5000.000	4938.500	17035.50	0.0986	P	0.5
6	☐	10000.000	10057.698	34419.28	0.1994	P	1.5
7	☐	20000.000	19976.828	67890.71	0.3949	P	5.1
8	☐			213.90	0.0013	P	19.1

$$y = 1.9706E-005 * x + 0.0012$$

$$R = 1.0000$$

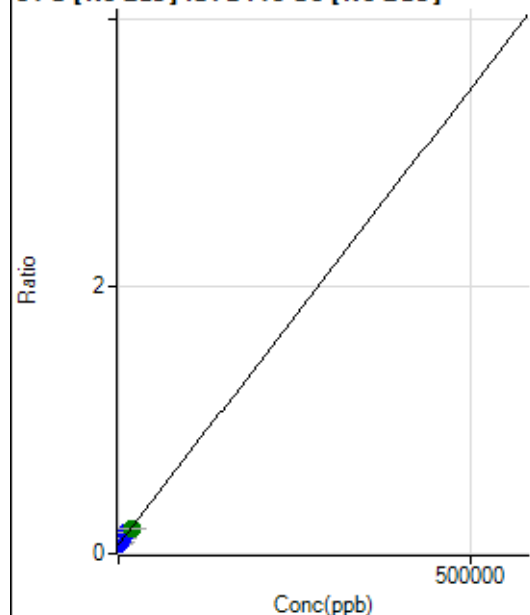
$$DL = 34.97$$

$$BEC = 62.82$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-135.382	423102.36	0.0657	P	1.8
2	☐	0.000	135.382	425605.17	0.0675	P	1.5
3	☐	1000.000	1447.581	485237.57	0.0765	P	1.7
4	☐	2500.000	3202.234	568399.39	0.0884	P	5.4
5	☐	5000.000	6632.960	675618.22	0.1118	P	2.0
6	☐	10000.000	12601.290	912858.84	0.1525	P	0.9
7	☐	20000.000	18180.956	1197580.11	0.1906	A	1.4
8	☐			363995.39	0.0638	P	2.6

$$y = 6.8200\text{E-}006 * x + 0.0666$$

$$R = 0.9820$$

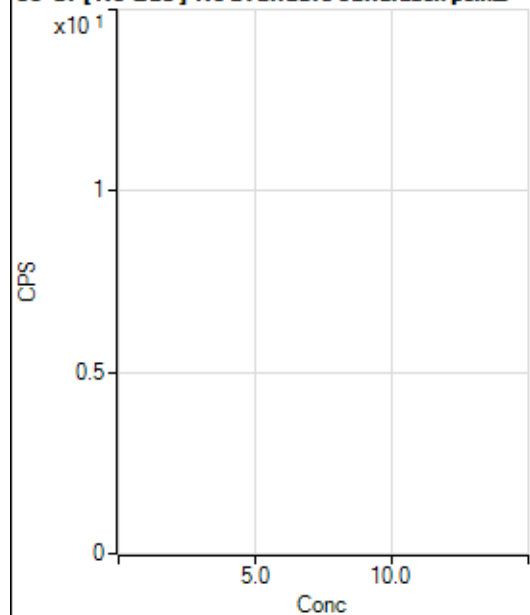
$$DL = 468.8$$

$$BEC = 9764$$

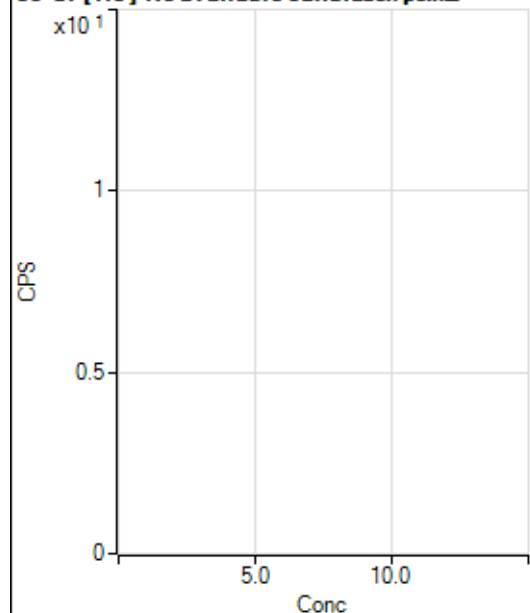
Weight: <None>

Min Conc: 0

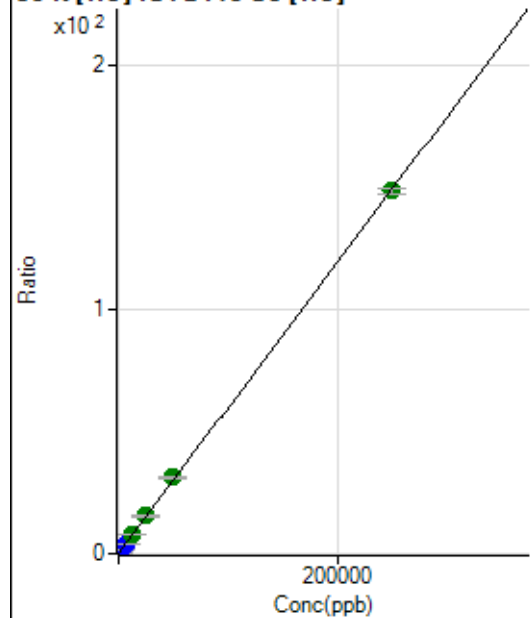
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			212389.78		P	1.2
2	☐			215871.64		P	1.8
3	☐			221963.83		P	0.9
4	☐			223095.20		P	1.3
5	☐			218787.26		P	1.4
6	☐			225076.06		P	1.1
7	☐			232439.83		P	0.3
8	☐			226664.56		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1444.56		P	5.5
2	☐			1494.56		P	13.2
3	☐			1464.00		P	5.5
4	☐			1397.33		P	2.4
5	☐			1388.99		P	5.4
6	☐			1338.99		P	10.0
7	☐			1455.67		P	2.3
8	☐			1377.88		P	5.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19672.20	0.1105	P	2.4
2	☐	500.000	491.554	75146.02	0.4028	P	0.9
3	☐	2500.000	2536.218	299760.27	1.6184	P	1.0
4	☐	6250.000	6393.220	695864.80	3.9116	P	1.4
5	☐	12500.000	12825.040	1337383.66	7.7356	A	2.5
6	☐	25000.000	26002.131	2687225.89	15.5700	A	3.2
7	☐	50000.000	52169.623	5352759.19	31.1278	A	2.8
8	☐	250000.00	249445.68	25118761.50	148.4177	A	1.3

$$y = 5.9455E-004 * x + 0.1105$$

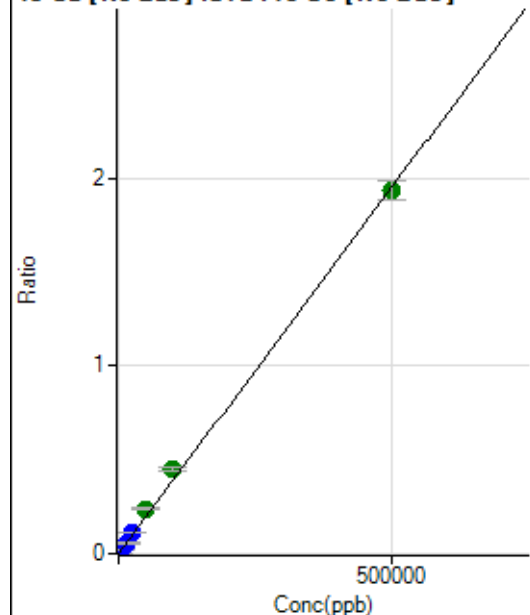
$$R = 1.0000$$

$$DL = 13.45$$

$$BEC = 185.9$$

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	155.40	0.0000	P	3.6
2	☐	500.000	519.132	12909.18	0.0020	P	1.2
3	☐	5000.000	5909.255	146317.08	0.0231	P	2.7
4	☐	12500.000	14428.589	361568.63	0.0563	P	6.3
5	☐	25000.000	29479.152	694449.90	0.1149	P	0.1
6	☐	50000.000	60870.638	1419927.83	0.2373	A	4.3
7	☐	100000.00	115046.76	2817937.82	0.4485	A	3.8
8	☐	500000.00	495622.29	11015068.55	1.9320	A	5.3

$$y = 3.8982\text{E-}006 * x + 2.4110\text{E-}005$$

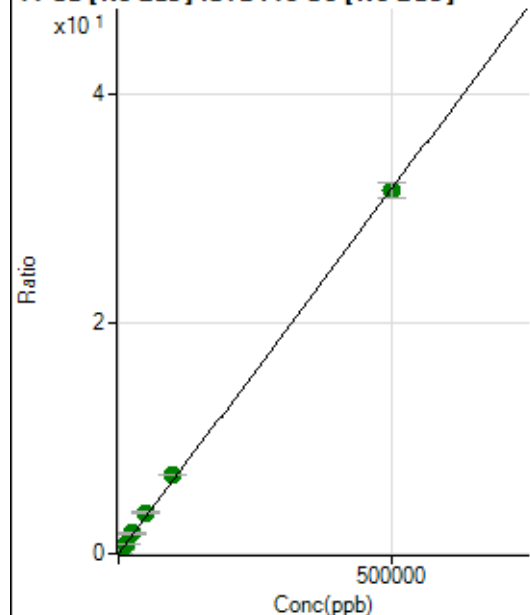
$$R = 0.9994$$

$$DL = 0.6635$$

$$BEC = 6.185$$

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	8702.85	0.0014	P	1.0
2	☐	500.000	522.433	217471.15	0.0345	P	1.3
3	☐	5000.000	5575.889	2253316.12	0.3551	A	2.9
4	☐	12500.000	13595.522	5551701.46	0.8639	A	6.0
5	☐	25000.000	27801.885	10667453.98	1.7652	A	2.4
6	☐	50000.000	55792.902	21189193.89	3.5411	A	4.1
7	☐	100000.00	108575.36	43295003.61	6.8899	A	0.9
8	☐	500000.00	497532.37	179980549.3	31.5673	A	4.4

$$y = 6.3445\text{E-}005 * x + 0.0014$$

$$R = 0.9998$$

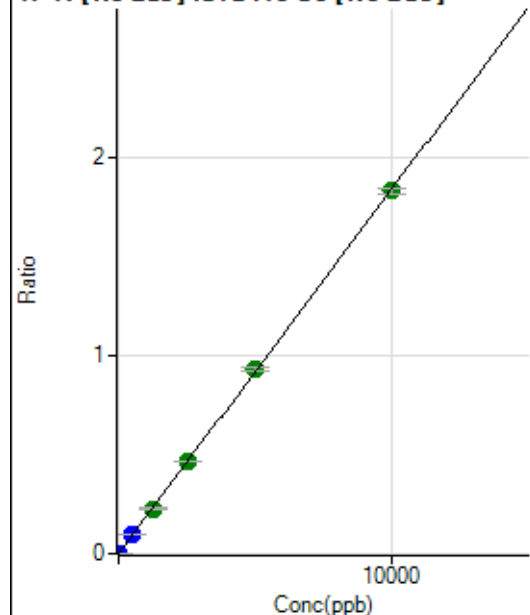
$$DL = 0.6474$$

$$BEC = 21.29$$

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	263.90	0.0000	P	21.6
2	☐	5.000	5.085	6157.05	0.0010	P	1.3
3	☐	500.000	513.346	599657.84	0.0945	P	2.6
4	☐	1250.000	1235.613	1462256.25	0.2274	A	4.5
5	☐	2500.000	2525.949	2808608.78	0.4649	A	0.6
6	☐	5000.000	5069.312	5582718.01	0.9329	A	2.1
7	☐	10000.000	9959.988	11516965.88	1.8328	A	1.7
8	☐			8424.94	0.0015	P	7.0

$$y = 1.8401\text{E-}004 * x + 4.0890\text{E-}005$$

$$R = 1.0000$$

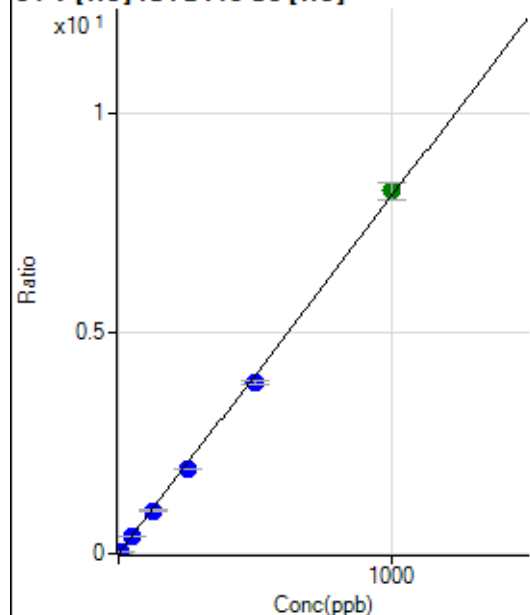
$$DL = 0.1437$$

$$BEC = 0.2222$$

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	7.78	0.0000	P	29.4
2	☐	5.000	4.818	7297.48	0.0391	P	1.3
3	☐	50.000	47.437	71249.86	0.3847	P	1.8
4	☐	125.000	120.126	173297.23	0.9740	P	2.3
5	☐	250.000	236.516	331518.20	1.9177	P	1.8
6	☐	500.000	478.050	668864.61	3.8761	P	2.7
7	☐	1000.000	1015.085	1415038.42	8.2305	A	4.5
8	☐			2133.52	0.0126	P	7.6

$$y = 0.0081 * x + 4.4037\text{E-}005$$

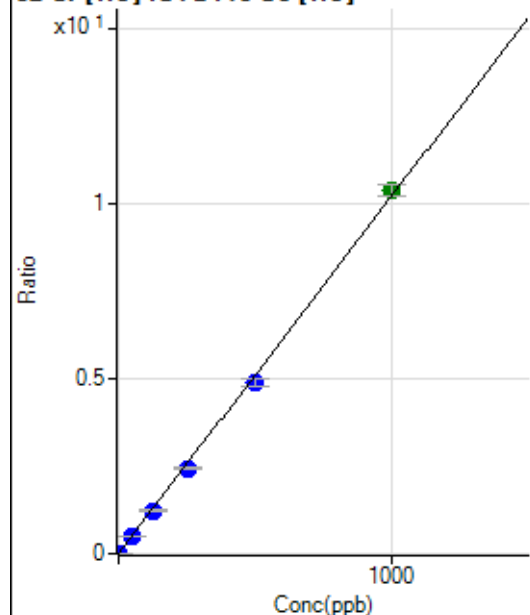
$$R = 0.9995$$

$$DL = 0.004788$$

$$BEC = 0.005431$$

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	541.13	0.0030	P	3.0
2	☐	2.000	1.944	4264.02	0.0229	P	3.4
3	☐	50.000	47.808	90811.84	0.4903	P	1.6
4	☐	125.000	120.508	219087.98	1.2313	P	2.7
5	☐	250.000	238.448	420640.61	2.4333	P	2.0
6	☐	500.000	476.633	838722.64	4.8609	P	4.6
7	☐	1000.000	1015.243	1779801.54	10.3505	A	3.3
8	☐			14566.40	0.0861	P	2.6

$$y = 0.0102 * x + 0.0030$$

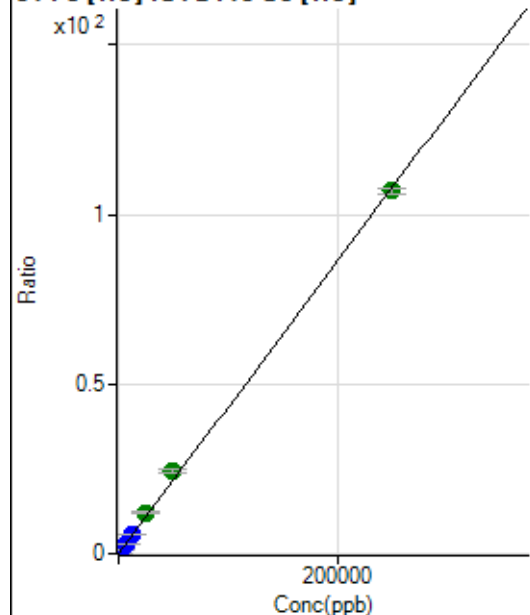
$$R = 0.9995$$

$$DL = 0.02723$$

$$BEC = 0.2979$$

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	648.17	0.0036	P	3.7
2	☐	50.000	54.350	5045.42	0.0270	P	5.8
3	☐	2500.000	2689.640	215153.50	1.1617	P	0.4
4	☐	6250.000	6744.538	517210.05	2.9075	P	2.6
5	☐	12500.000	13417.270	999255.91	5.7804	P	1.4
6	☐	25000.000	28146.931	2092003.52	12.1223	A	4.3
7	☐	50000.000	55976.623	4144068.03	24.1043	A	4.7
8	☐	250000.00	248429.85	18101461.98	106.9649	A	1.5

$$y = 4.3055E-004 * x + 0.0036$$

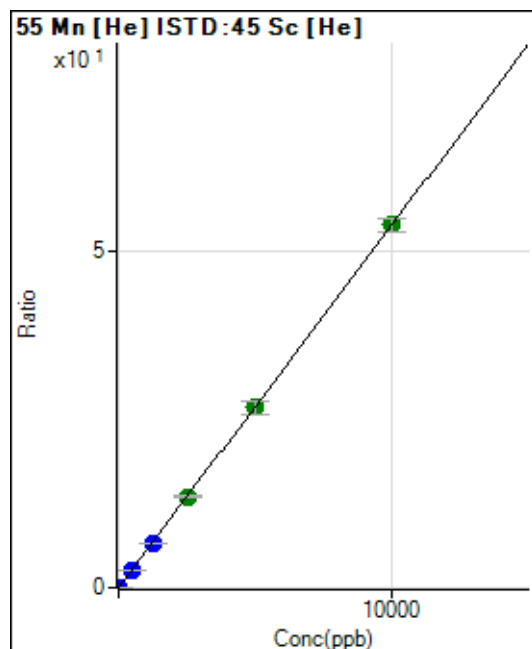
$$R = 0.9996$$

$$DL = 0.9381$$

$$BEC = 8.45$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0003	P	53.2
2	☐	1.000	0.985	1044.50	0.0056	P	1.4
3	☐	500.000	484.943	484022.37	2.6133	P	1.8
4	☐	1250.000	1214.673	1164384.52	6.5452	P	3.1
5	☐	2500.000	2506.828	2335009.16	13.5077	A	1.4
6	☐	5000.000	4974.146	4624649.58	26.8021	A	7.2
7	☐	10000.000	10016.389	9279695.90	53.9709	A	3.8
8	☐			9961.34	0.0589	P	5.9

$$y = 0.0054 * x + 2.9161E-004$$

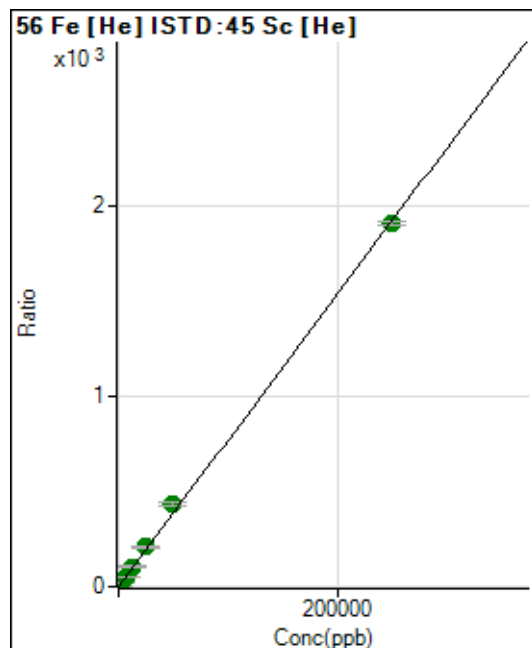
$$R = 1.0000$$

$$DL = 0.08636$$

$$BEC = 0.05412$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3832.08	0.0215	P	4.5
2	☐	50.000	52.450	79128.32	0.4241	P	2.3
3	☐	2500.000	2791.263	3971685.76	21.4433	A	1.9
4	☐	6250.000	6978.805	9533730.19	53.5809	A	2.9
5	☐	12500.000	13787.147	18295600.18	105.8320	A	1.4
6	☐	25000.000	27511.871	36437987.85	211.1634	A	3.9
7	☐	50000.000	56246.795	74223569.25	431.6916	A	3.9
8	☐	250000.00	248413.96	322650999.8	1,906.492	A	1.0

$$y = 0.0077 * x + 0.0215$$

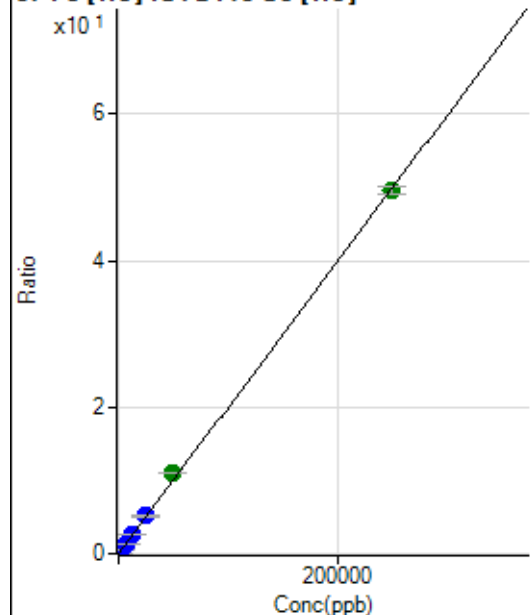
$$R = 0.9996$$

$$DL = 0.3822$$

$$BEC = 2.807$$

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	222.23	0.0013	P	17.4
2	☐	50.000	52.053	2166.87	0.0116	P	8.4
3	☐	2500.000	2609.373	96399.19	0.5205	P	1.4
4	☐	6250.000	6567.513	232686.70	1.3080	P	2.8
5	☐	12500.000	12864.197	442664.59	2.5609	P	0.5
6	☐	25000.000	25925.767	890335.80	5.1598	P	4.1
7	☐	50000.000	55325.188	1893408.06	11.0096	A	1.6
8	☐	250000.00	248815.14	8378261.12	49.5092	A	2.0

$$y = 1.9897\text{E-}004 * x + 0.0013$$

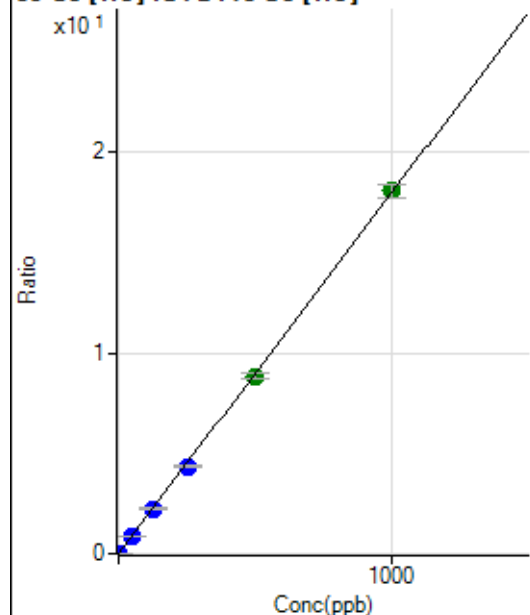
$$R = 0.9997$$

$$DL = 3.289$$

$$BEC = 6.302$$

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	80.00	0.0005	P	27.9
2	☐	1.000	0.978	3367.10	0.0180	P	3.8
3	☐	50.000	48.934	163131.62	0.8807	P	2.0
4	☐	125.000	123.793	396242.74	2.2274	P	2.9
5	☐	250.000	242.160	753068.50	4.3567	P	1.5
6	☐	500.000	492.564	1529041.37	8.8613	A	3.3
7	☐	1000.000	1005.882	3111591.69	18.0956	A	4.0
8	☐			3162.61	0.0187	P	9.6

$$y = 0.0180 * x + 4.5294\text{E-}004$$

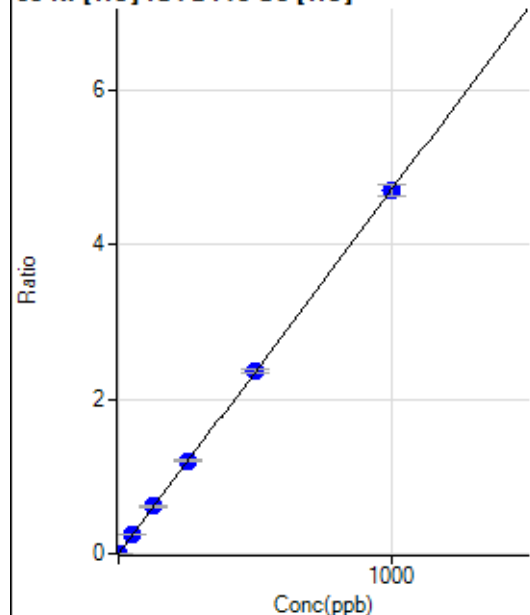
$$R = 0.9999$$

$$DL = 0.02108$$

$$BEC = 0.02518$$

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	38.89	0.0002	P	27.4
2	☐	1.000	1.053	964.49	0.0052	P	9.0
3	☐	50.000	51.688	45052.34	0.2432	P	2.7
4	☐	125.000	129.844	108647.77	0.6107	P	2.3
5	☐	250.000	254.126	206590.29	1.1951	P	2.0
6	☐	500.000	500.911	406438.85	2.3554	P	2.3
7	☐	1000.000	997.823	806734.53	4.6917	P	3.3
8	☐			2404.67	0.0142	P	0.3

$$y = 0.0047 * x + 2.1846E-004$$

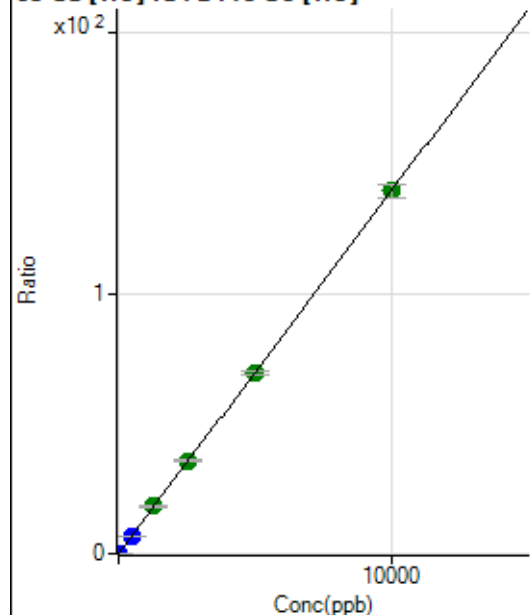
$$R = 1.0000$$

$$DL = 0.03825$$

$$BEC = 0.04646$$

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	1248.96	0.0070	P	7.8
2	☐	2.000	2.004	6523.79	0.0350	P	2.5
3	☐	500.000	492.532	1273221.32	6.8738	P	1.8
4	☐	1250.000	1306.454	3241540.37	18.2213	A	2.0
5	☐	2500.000	2561.336	6173401.64	35.7165	A	1.2
6	☐	5000.000	4965.874	11948109.13	69.2399	A	1.9
7	☐	10000.000	9995.046	23962622.15	139.3552	A	4.0
8	☐			10766.50	0.0636	P	12.4

$$y = 0.0139 * x + 0.0070$$

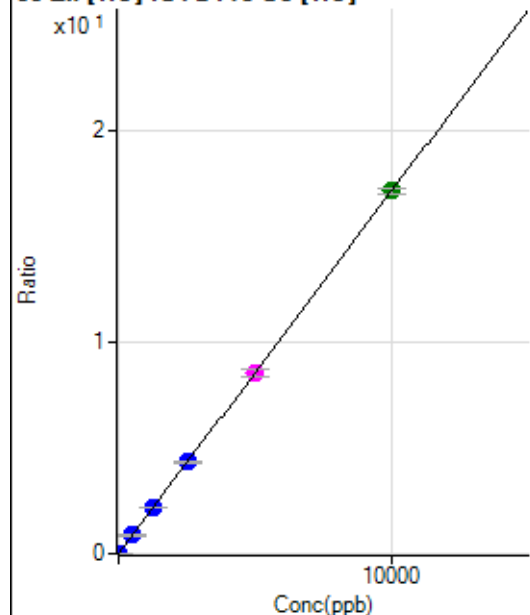
$$R = 1.0000$$

$$DL = 0.1185$$

$$BEC = 0.504$$

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	146.67	0.0008	P	14.3
2	☐	2.000	2.288	886.70	0.0048	P	8.6
3	☐	500.000	505.129	160670.42	0.8675	P	1.3
4	☐	1250.000	1274.509	389121.08	2.1875	P	2.3
5	☐	2500.000	2522.228	748111.60	4.3281	P	0.3
6	☐	5000.000	4968.578	1470938.77	8.5252	M	3.9
7	☐	10000.000	10006.834	2952759.92	17.1692	A	1.7
8	☐			2683.61	0.0159	P	3.3

$$y = 0.0017 * x + 8.2661E-004$$

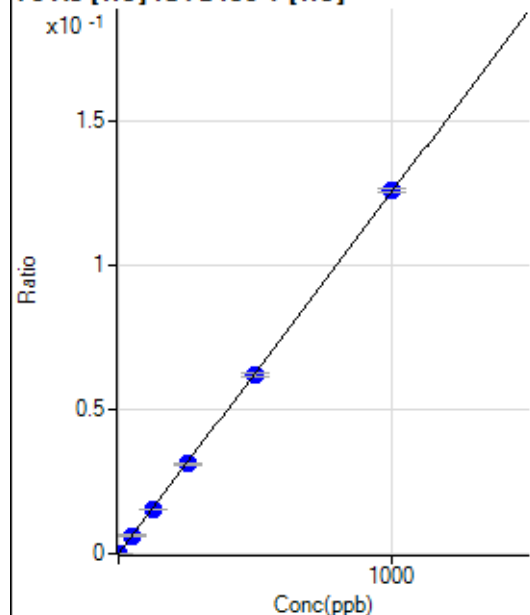
$$R = 1.0000$$

$$DL = 0.2068$$

$$BEC = 0.4818$$

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	3.67	0.0000	P	71.7
2	☐	1.000	1.094	205.69	0.0001	P	2.4
3	☐	50.000	50.236	9072.17	0.0063	P	2.5
4	☐	125.000	122.235	21869.76	0.0153	P	1.4
5	☐	250.000	249.829	42127.35	0.0312	P	2.0
6	☐	500.000	493.428	83064.00	0.0617	P	2.4
7	☐	1000.000	1003.662	168686.15	0.1255	P	0.9
8	☐			140.68	0.0001	P	24.3

$$y = 1.2506E-004 * x + 2.6666E-006$$

$$R = 1.0000$$

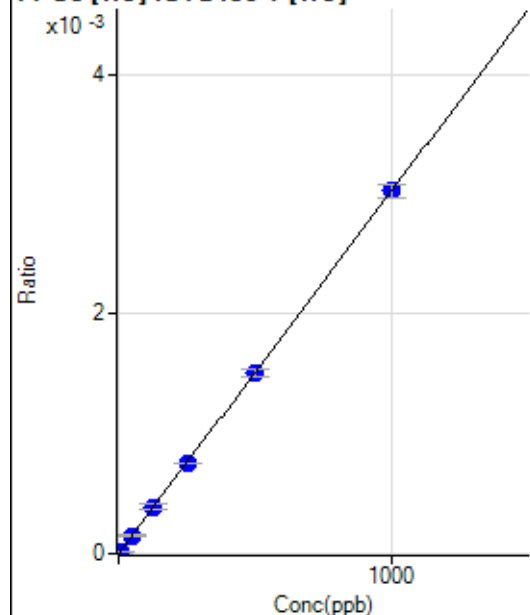
$$DL = 0.04584$$

$$BEC = 0.02132$$

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	4.216	20.00	0.0000	P	33.1
3	☐	50.000	49.080	215.56	0.0001	P	7.3
4	☐	125.000	128.098	555.57	0.0004	P	11.7
5	☐	250.000	248.790	1016.71	0.0008	P	1.8
6	☐	500.000	499.484	2036.84	0.0015	P	3.8
7	☐	1000.000	1000.223	4071.74	0.0030	P	4.0
8	☐			7.78	0.0000	P	24.9

$$y = 3.0280\text{E-}006 * x + 7.8620\text{E-}007$$

$$R = 1.0000$$

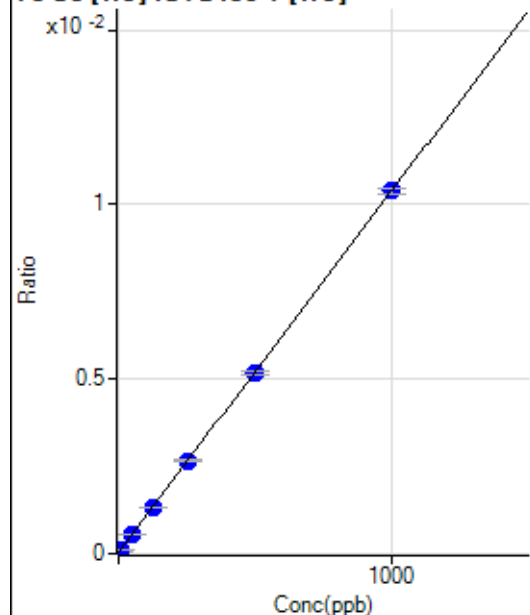
$$DL = 1.349$$

$$BEC = 0.2596$$

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	60.68	0.0000	P	12.6
2	☐	5.000	5.191	142.68	0.0001	P	3.2
3	☐	50.000	50.178	811.11	0.0006	P	2.2
4	☐	125.000	122.901	1878.32	0.0013	P	1.8
5	☐	250.000	253.735	3593.83	0.0027	P	1.0
6	☐	500.000	496.823	6969.77	0.0052	P	2.5
7	☐	1000.000	1000.908	13960.98	0.0104	P	1.6
8	☐			78.68	0.0001	P	17.6

$$y = 1.0335\text{E-}005 * x + 4.3115\text{E-}005$$

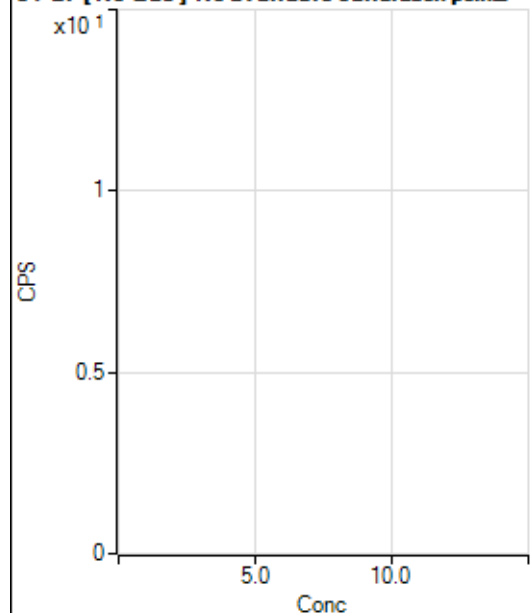
$$R = 1.0000$$

$$DL = 1.578$$

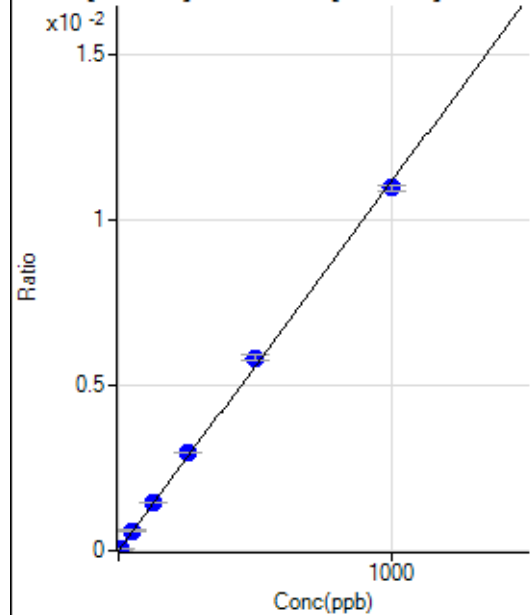
$$BEC = 4.172$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58017.70		P	0.7
2	☐			57544.85		P	2.2
3	☐			56784.85		P	3.9
4	☐			54801.42		P	1.3
5	☐			51605.48		P	2.6
6	☐			49274.17		P	2.7
7	☐			51732.34		P	3.6
8	☐			51089.25		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.08	0.0000	P	420.
2	☐	5.000	5.319	846.20	0.0001	P	10.0
3	☐	50.000	54.336	8233.70	0.0006	P	2.5
4	☐	125.000	129.506	20287.58	0.0014	P	1.1
5	☐	250.000	268.011	38997.06	0.0030	P	0.1
6	☐	500.000	523.304	76247.39	0.0058	P	2.4
7	☐	1000.000	983.064	151395.45	0.0110	P	1.4
8	☐			396.64	0.0000	P	7.6

$$y = 1.1153E-005 * x + 8.7015E-007$$

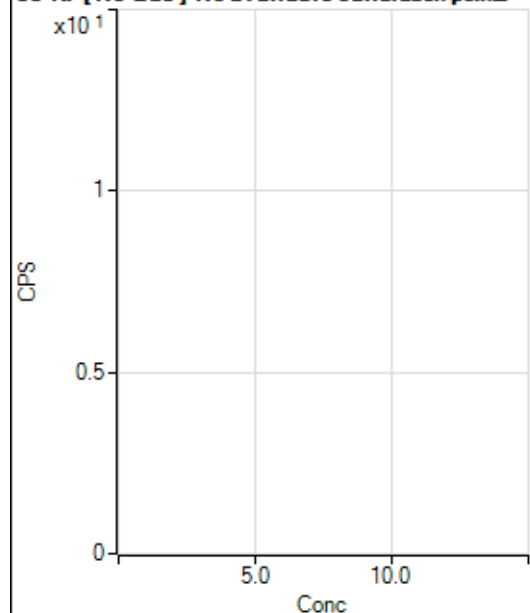
$$R = 0.9994$$

$$DL = 0.9831$$

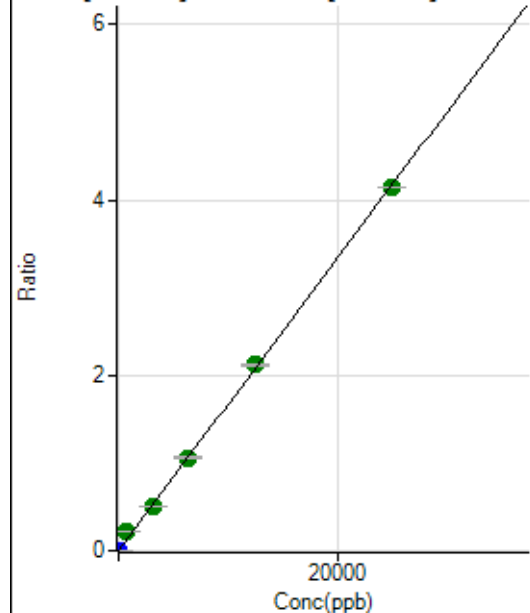
$$BEC = 0.07802$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			340.38		P	6.1
2	☐			340.38		P	2.8
3	☐			352.04		P	6.4
4	☐			339.54		P	5.0
5	☐			350.79		P	3.3
6	☐			322.88		P	5.4
7	☐			325.38		P	3.6
8	☐			364.96		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	550.02	0.0000	P	5.6
2	☐	1.000	0.951	2775.36	0.0002	P	11.7
3	☐	625.000	1282.298	2898291.36	0.2136	A	1.8
4	☐	3125.000	3061.307	7158346.17	0.5099	A	0.9
5	☐	6250.000	6370.873	13839018.54	1.0611	A	3.5
6	☐	12500.000	12735.352	27709746.46	2.1211	A	1.2
7	☐	25000.000	24843.635	57137354.05	4.1376	A	0.1
8	☐			20220.89	0.0016	P	8.9

$$y = 1.6655E-004 * x + 3.9011E-005$$

$$R = 0.9996$$

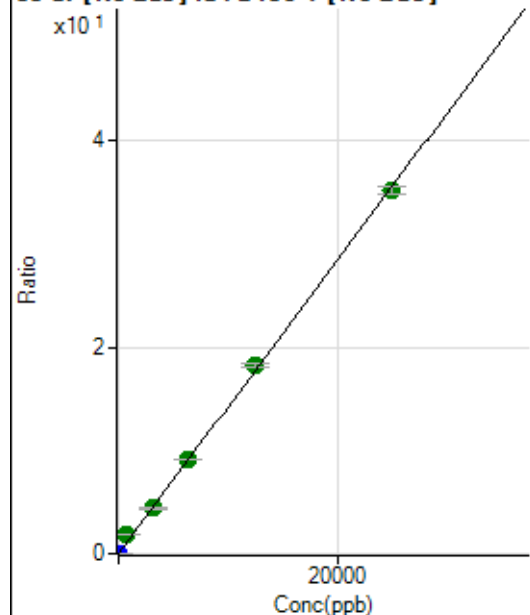
$$DL = 0.03911$$

$$BEC = 0.2342$$

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	163.89	0.0000	P	18.9
2	☐	1.000	1.019	20507.31	0.0015	P	1.6
3	☐	625.000	1306.448	25161347.96	1.8542	A	2.2
4	☐	3125.000	3117.305	62104263.89	4.4244	A	2.5
5	☐	6250.000	6414.720	118751217.9	9.1044	A	1.2
6	☐	12500.000	12868.520	238591744.2	18.2642	A	1.3
7	☐	25000.000	24758.486	485319566.4	35.1395	A	2.1
8	☐			174650.84	0.0139	P	10.3

$$y = 0.0014 * x + 1.1619E-005$$

$$R = 0.9995$$

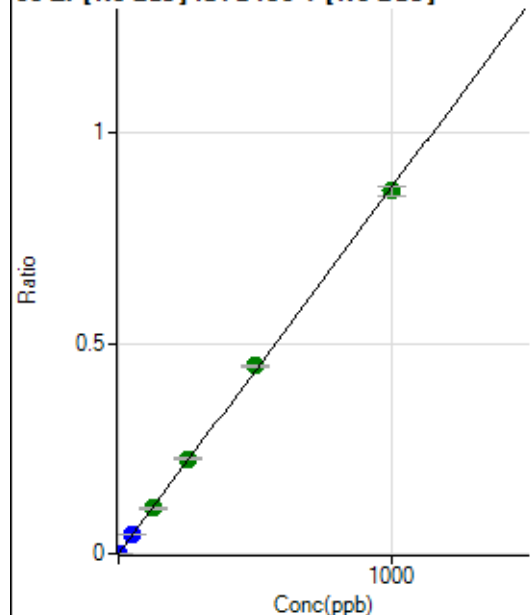
$$DL = 0.004646$$

$$BEC = 0.008186$$

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	513.91	0.0000	P	21.2
2	☐	1.000	0.946	12108.34	0.0009	P	1.7
3	☐	50.000	51.479	609086.95	0.0449	P	2.5
4	☐	125.000	124.872	1527249.42	0.1088	A	2.6
5	☐	250.000	258.582	2938604.10	0.2253	A	1.4
6	☐	500.000	513.357	5842566.36	0.4472	A	1.0
7	☐	1000.000	991.118	11922030.04	0.8634	A	2.6
8	☐			4284.14	0.0003	P	7.6

$$y = 8.7112E-004 * x + 3.6456E-005$$

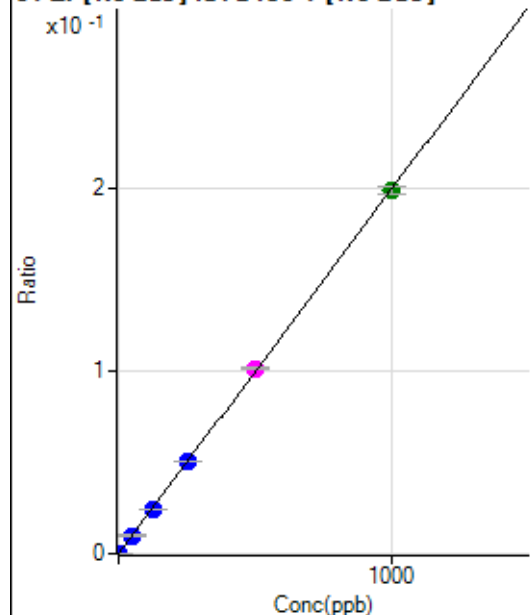
$$R = 0.9998$$

$$DL = 0.02666$$

$$BEC = 0.04185$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	16.3
2	☐	1.000	0.939	2739.25	0.0002	P	5.0
3	☐	50.000	49.954	135473.63	0.0100	P	1.8
4	☐	125.000	121.795	341517.74	0.0243	P	2.7
5	☐	250.000	252.142	656891.59	0.0504	P	0.3
6	☐	500.000	508.355	1326433.39	0.1015	M	0.8
7	☐	1000.000	995.690	2745716.90	0.1989	A	2.2
8	☐			1011.18	0.0001	P	5.8

$$y = 1.9972\text{E-}004 * x + 7.2843\text{E-}006$$

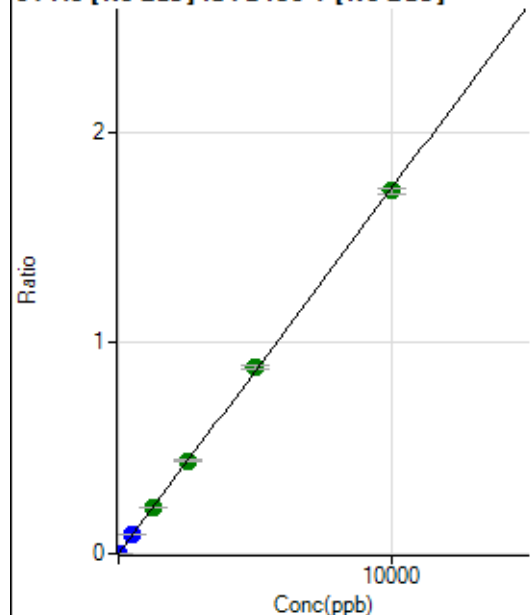
$$R = 0.9999$$

$$DL = 0.01781$$

$$BEC = 0.03647$$

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	158.34	0.0000	P	22.4
2	☐	5.000	6.059	14911.17	0.0011	P	1.4
3	☐	500.000	523.715	1230492.25	0.0907	P	3.0
4	☐	1250.000	1267.977	3081756.84	0.2195	A	2.0
5	☐	2500.000	2550.651	5759865.32	0.4416	A	0.7
6	☐	5000.000	5107.111	11550534.72	0.8842	A	2.0
7	☐	10000.000	9930.348	23738293.76	1.7193	A	1.8
8	☐			10245.80	0.0008	P	12.9

$$y = 1.7314\text{E-}004 * x + 1.1219\text{E-}005$$

$$R = 0.9999$$

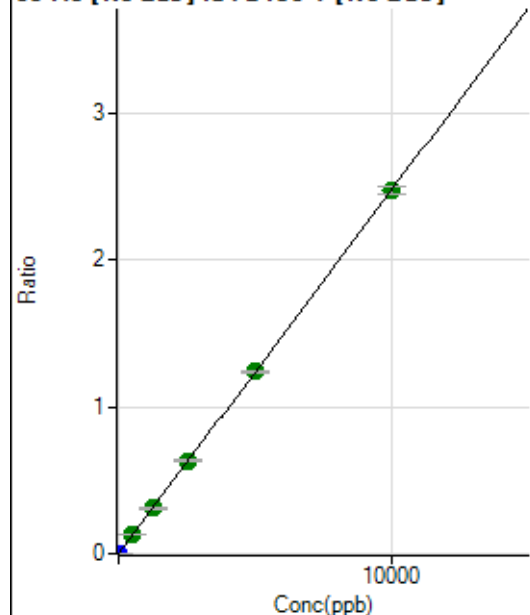
$$DL = 0.04354$$

$$BEC = 0.0648$$

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	38.89	0.0000	P	24.5
2	☐	5.000	5.093	17753.52	0.0013	P	3.3
3	☐	500.000	523.101	1755264.38	0.1294	A	1.3
4	☐	1250.000	1255.661	4357805.69	0.3105	A	3.2
5	☐	2500.000	2564.534	8271135.86	0.6341	A	0.7
6	☐	5000.000	5003.182	16161690.81	1.2371	A	1.9
7	☐	10000.000	9980.413	34072810.83	2.4679	A	2.0
8	☐			13979.73	0.0011	P	11.8

$$y = 2.4727E-004 * x + 2.7568E-006$$

$$R = 1.0000$$

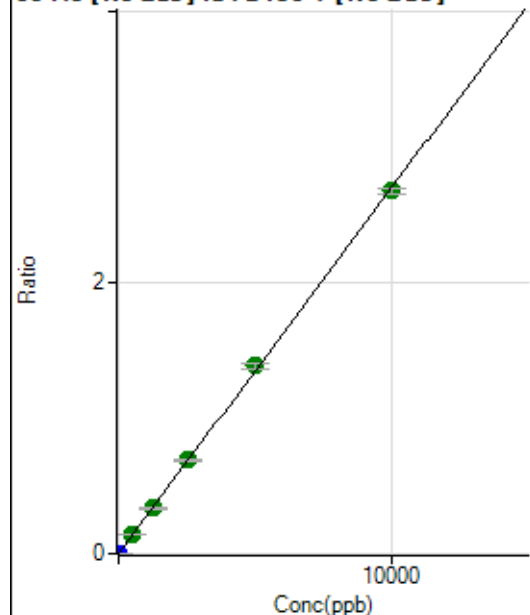
$$DL = 0.008184$$

$$BEC = 0.01115$$

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	205.57	0.0000	P	41.2
2	☐	5.000	5.122	19644.95	0.0014	P	1.9
3	☐	500.000	523.090	1915599.65	0.1412	A	1.3
4	☐	1250.000	1245.366	4716842.86	0.3361	A	3.4
5	☐	2500.000	2562.934	9021481.02	0.6917	A	1.2
6	☐	5000.000	5127.511	18075562.56	1.3838	A	2.1
7	☐	10000.000	9919.936	36966360.20	2.6771	A	1.8
8	☐			28766.93	0.0023	P	8.6

$$y = 2.6987E-004 * x + 1.4595E-005$$

$$R = 0.9999$$

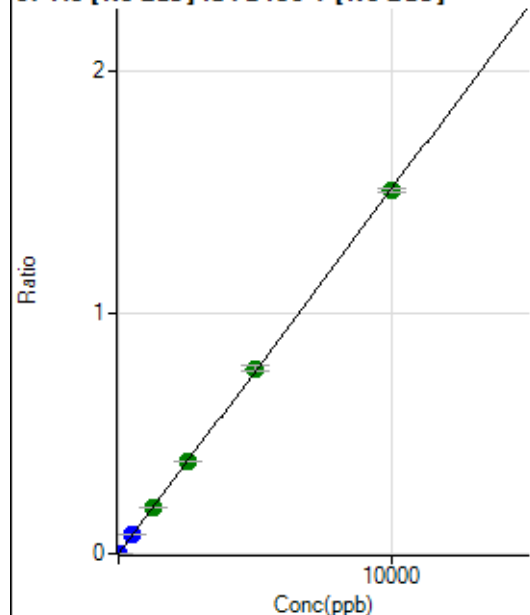
$$DL = 0.06692$$

$$BEC = 0.05408$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	70.0
2	☐	5.000	5.191	11060.26	0.0008	P	5.0
3	☐	500.000	528.633	1085339.38	0.0800	P	2.2
4	☐	1250.000	1256.653	2668696.65	0.1901	A	2.7
5	☐	2500.000	2529.056	4990570.21	0.3827	A	1.6
6	☐	5000.000	5087.231	10054697.36	0.7697	A	2.2
7	☐	10000.000	9946.857	20780990.57	1.5050	A	1.2
8	☐			8853.09	0.0007	P	10.5

$$y = 1.5131E-004 * x + 9.8794E-007$$

$$R = 0.9999$$

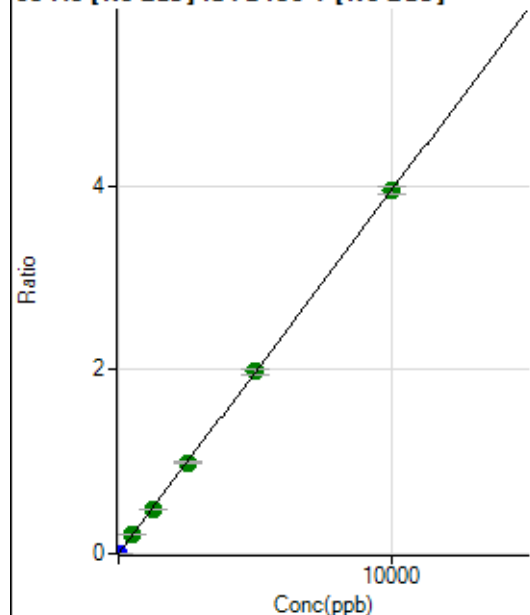
$$DL = 0.01372$$

$$BEC = 0.006529$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	61.7
2	☐	5.000	5.083	28318.53	0.0020	P	0.8
3	☐	500.000	516.235	2770063.08	0.2042	A	2.0
4	☐	1250.000	1222.887	6788420.20	0.4836	A	3.5
5	☐	2500.000	2511.458	12955281.54	0.9932	A	1.4
6	☐	5000.000	5018.656	25924922.63	1.9848	A	2.7
7	☐	10000.000	9990.385	54548662.33	3.9510	A	2.1
8	☐			21639.86	0.0017	P	10.9

$$y = 3.9548E-004 * x + 3.3489E-006$$

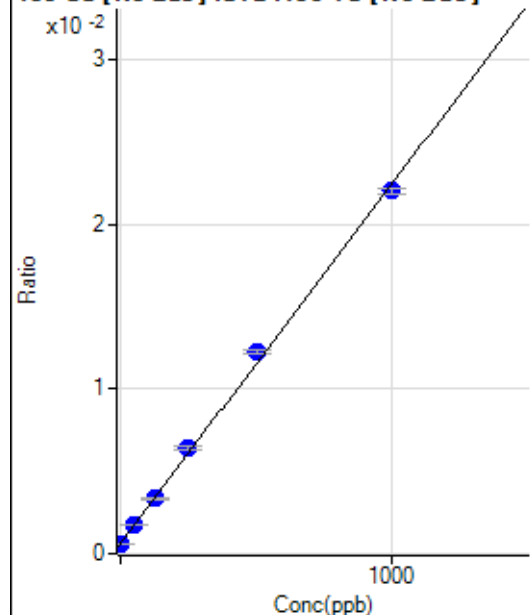
$$R = 1.0000$$

$$DL = 0.01568$$

$$BEC = 0.008468$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5145.56	0.0006	P	5.0
2	☐	1.000	-0.203	5128.87	0.0006	P	6.8
3	☐	50.000	52.497	15233.79	0.0017	P	3.2
4	☐	125.000	126.937	30888.09	0.0034	P	3.3
5	☐	250.000	265.152	54447.29	0.0064	P	3.2
6	☐	500.000	531.352	103015.75	0.0122	P	2.1
7	☐	1000.000	980.170	202622.10	0.0220	P	1.6
8	☐			4584.24	0.0006	P	2.5

$$y = 2.1853\text{E-}005 * x + 5.9924\text{E-}004$$

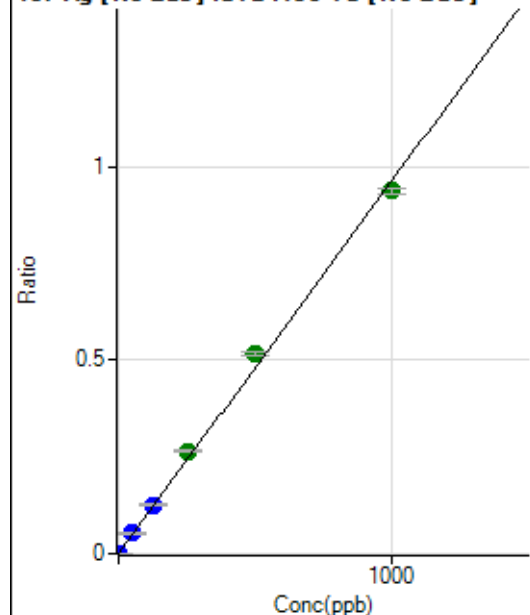
$$R = 0.9991$$

$$DL = 4.118$$

$$BEC = 27.42$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	188.90	0.0000	P	24.4
2	☐	1.000	1.113	9428.46	0.0011	P	1.7
3	☐	50.000	54.861	460890.22	0.0528	P	2.9
4	☐	125.000	130.447	1149713.61	0.1256	P	4.9
5	☐	250.000	274.126	2248127.40	0.2639	A	2.0
6	☐	500.000	536.820	4360459.69	0.5169	A	2.1
7	☐	1000.000	974.635	8635012.52	0.9384	A	1.7
8	☐			9681.43	0.0012	P	1.4

$$y = 9.6279\text{E-}004 * x + 2.2000\text{E-}005$$

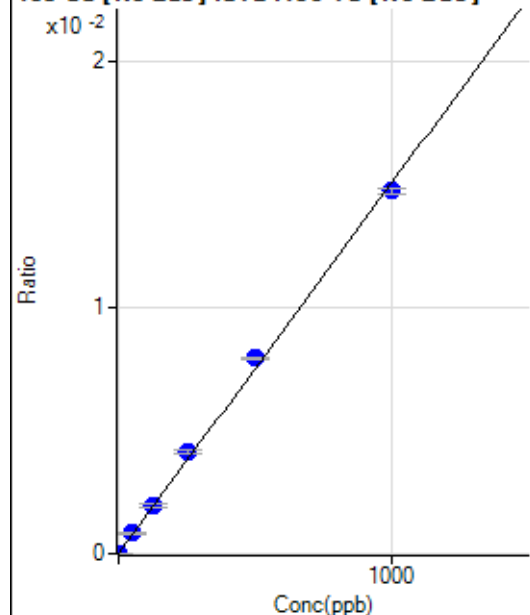
$$R = 0.9986$$

$$DL = 0.01675$$

$$BEC = 0.02285$$

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	26.39	0.0000	P	45.3
2	☐	1.000	1.211	183.34	0.0000	P	6.8
3	☐	50.000	55.013	7238.11	0.0008	P	5.4
4	☐	125.000	130.448	17973.02	0.0020	P	5.4
5	☐	250.000	273.073	34983.47	0.0041	P	4.2
6	☐	500.000	527.763	66975.97	0.0079	P	1.0
7	☐	1000.000	979.418	135514.73	0.0147	P	1.8
8	☐			101.39	0.0000	P	32.5

$$y = 1.5033\text{E-}005 * x + 3.0691\text{E-}006$$

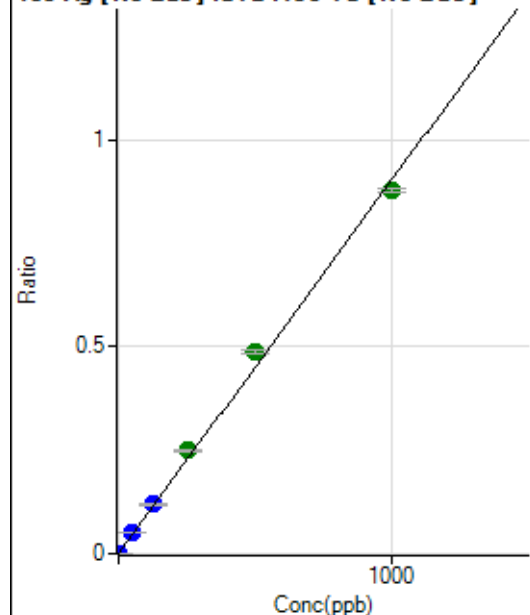
$$R = 0.9991$$

$$DL = 0.2778$$

$$BEC = 0.2042$$

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	94.45	0.0000	P	5.3
2	☐	1.000	1.110	8725.23	0.0010	P	2.0
3	☐	50.000	55.703	438247.70	0.0502	P	1.8
4	☐	125.000	131.794	1088005.58	0.1189	P	4.3
5	☐	250.000	276.297	2122013.27	0.2492	A	2.7
6	☐	500.000	540.362	4111225.35	0.4873	A	1.8
7	☐	1000.000	972.110	8067360.51	0.8766	A	1.0
8	☐			9289.53	0.0011	P	4.0

$$y = 9.0176\text{E-}004 * x + 1.0999\text{E-}005$$

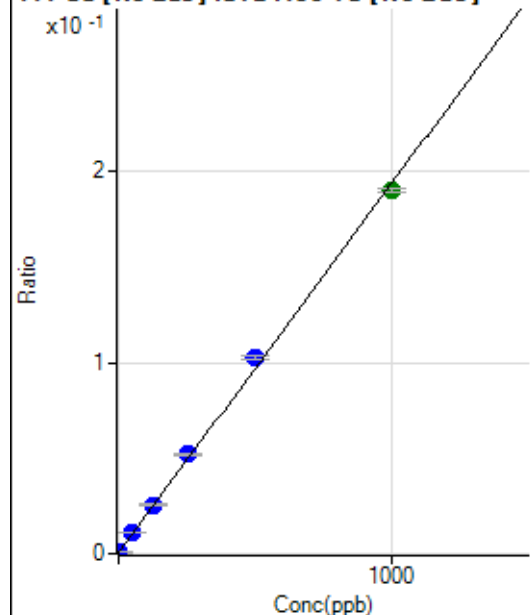
$$R = 0.9984$$

$$DL = 0.001927$$

$$BEC = 0.0122$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3590.37	0.0004	P	5.0
2	☐	1.000	1.030	5318.96	0.0006	P	4.3
3	☐	50.000	54.255	95012.21	0.0109	P	2.0
4	☐	125.000	129.421	232563.11	0.0254	P	4.6
5	☐	250.000	268.027	444341.35	0.0522	P	1.8
6	☐	500.000	528.616	864481.42	0.1025	P	2.3
7	☐	1000.000	980.420	1745703.20	0.1897	A	0.9
8	☐			3875.53	0.0005	P	2.9

$$y = 1.9306\text{E-}004 * x + 4.1813\text{E-}004$$

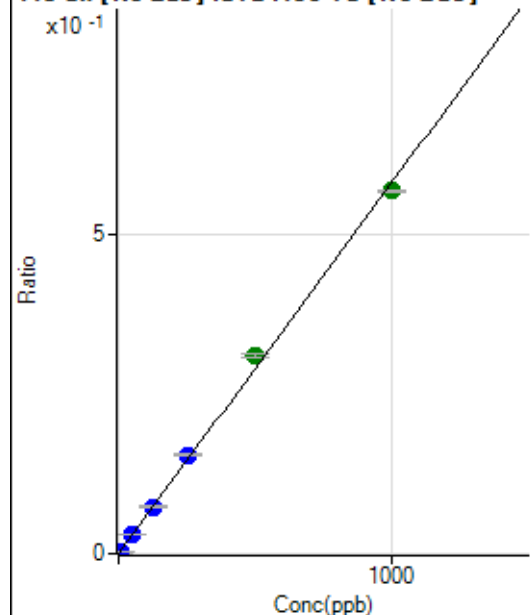
$$R = 0.9992$$

$$DL = 0.3244$$

$$BEC = 2.166$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	761.15	0.0001	P	11.2
2	☐	5.000	5.243	26949.39	0.0031	P	0.9
3	☐	50.000	53.447	270821.00	0.0311	P	2.8
4	☐	125.000	126.555	672041.90	0.0734	P	3.8
5	☐	250.000	265.324	1309999.98	0.1538	P	1.4
6	☐	500.000	533.845	2609592.18	0.3093	A	2.5
7	☐	1000.000	978.879	5219230.98	0.5672	A	0.6
8	☐			7691.22	0.0009	P	7.0

$$y = 5.7930\text{E-}004 * x + 8.8604\text{E-}005$$

$$R = 0.9990$$

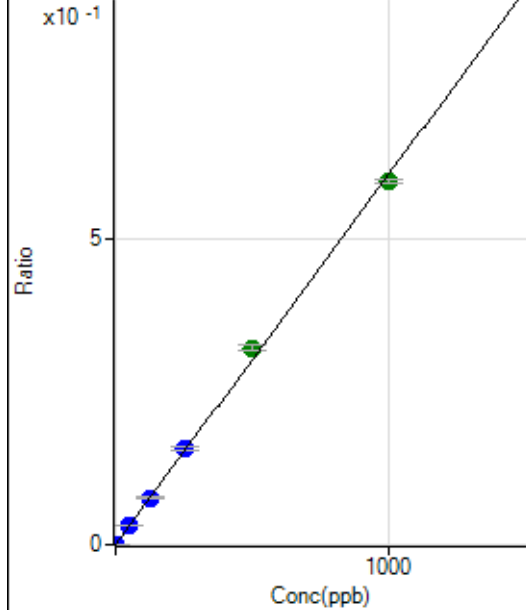
$$DL = 0.05152$$

$$BEC = 0.1529$$

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	22.22	0.0000	P	57.0
2	☐	2.000	2.165	11332.83	0.0013	P	1.7
3	☐	50.000	51.806	273833.26	0.0314	P	3.3
4	☐	125.000	125.494	696310.57	0.0761	P	3.7
5	☐	250.000	260.455	1344229.22	0.1578	P	2.8
6	☐	500.000	532.780	2723482.16	0.3229	A	3.0
7	☐	1000.000	980.844	5469814.75	0.5944	A	1.0
8	☐			16568.77	0.0020	P	1.7

$$y = 6.0600\text{E-}004 * x + 2.5844\text{E-}006$$

$$R = 0.9991$$

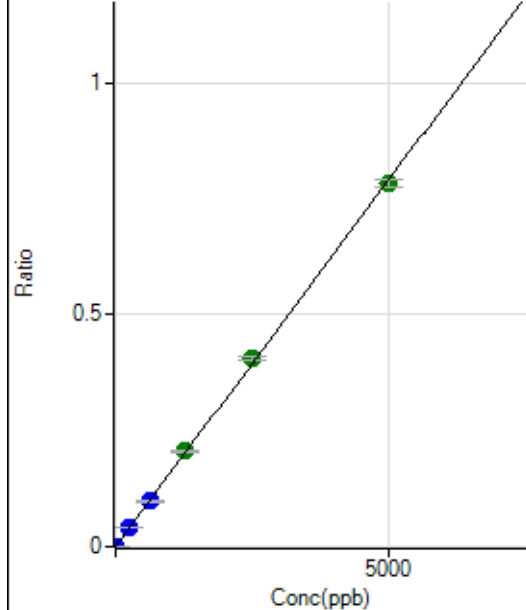
$$DL = 0.00729$$

$$BEC = 0.004265$$

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	13.89	0.0000	P	69.7
2	☐	10.000	10.217	13926.99	0.0016	P	3.1
3	☐	250.000	258.379	356056.27	0.0408	P	2.0
4	☐	625.000	620.455	897605.01	0.0980	P	3.0
5	☐	1250.000	1299.354	1747993.58	0.2053	A	3.4
6	☐	2500.000	2575.584	3432277.90	0.4069	A	2.7
7	☐	5000.000	4950.018	7195668.65	0.7820	A	2.2
8	☐			5101.13	0.0006	P	5.9

$$y = 1.5798\text{E-}004 * x + 1.6199\text{E-}006$$

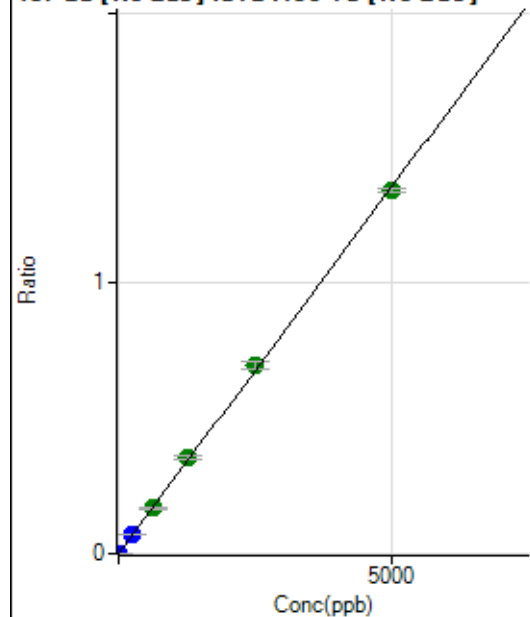
$$R = 0.9998$$

$$DL = 0.02145$$

$$BEC = 0.01025$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	21.5
2	☐	10.000	10.409	24375.36	0.0028	P	3.7
3	☐	250.000	257.742	609667.52	0.0699	P	1.1
4	☐	625.000	619.436	1537868.04	0.1680	A	3.5
5	☐	1250.000	1310.644	3026410.16	0.3554	A	3.0
6	☐	2500.000	2570.596	5878718.79	0.6970	A	3.8
7	☐	5000.000	4949.849	12350701.67	1.3421	A	1.2
8	☐			8630.75	0.0011	P	5.1

$$y = 2.7114\text{E-}004 * x + 5.1743\text{E-}006$$

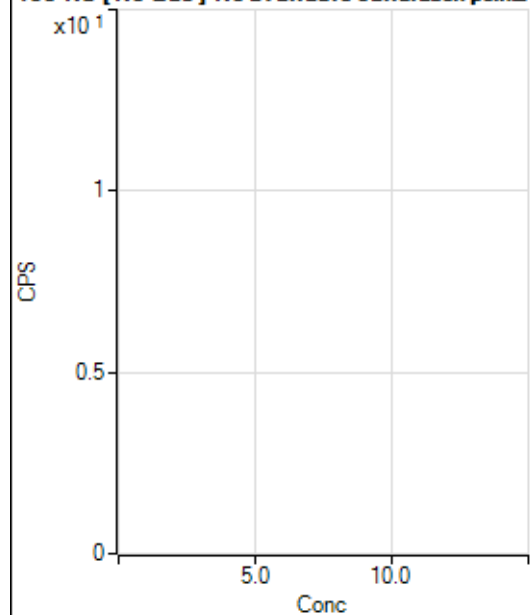
$$R = 0.9998$$

$$DL = 0.01233$$

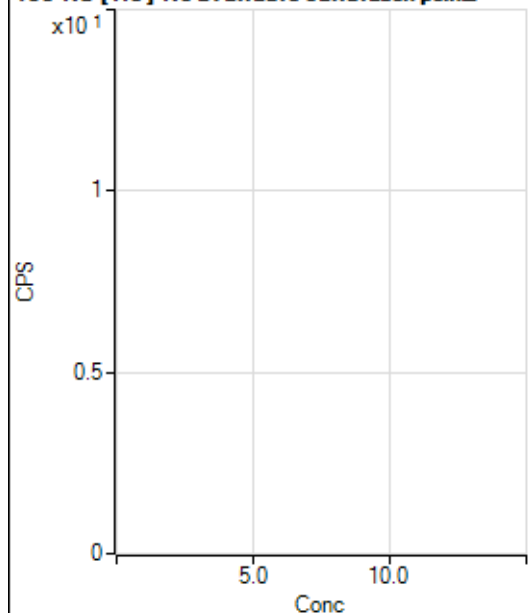
$$BEC = 0.01908$$

Weight: <None>

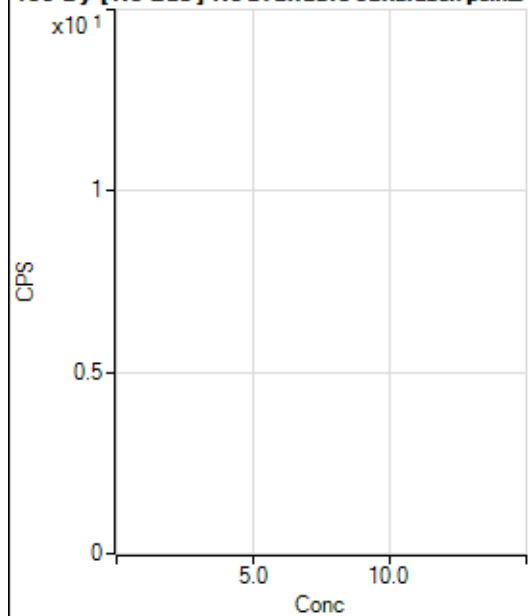
Min Conc: 0

150 Nd [No Gas] No available calibration points

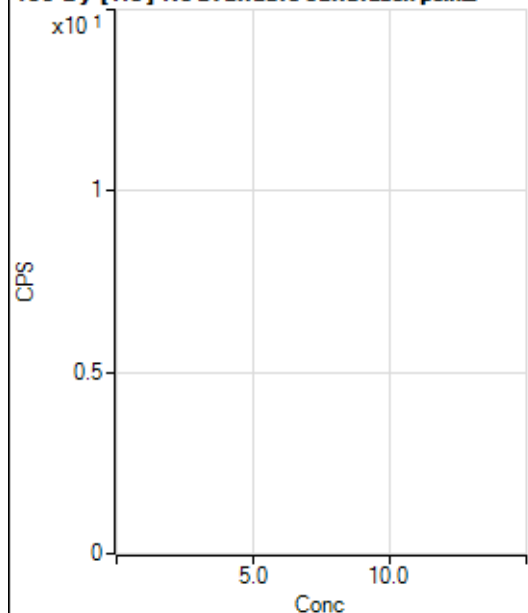
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			4.44		P	173.
3	☐			37.78		P	62.0
4	☐			84.45		P	35.6
5	☐			204.45		P	10.5
6	☐			424.46		P	8.1
7	☐			675.59		P	7.1
8	☐			48.89		P	34.3

150 Nd [He] No available calibration points

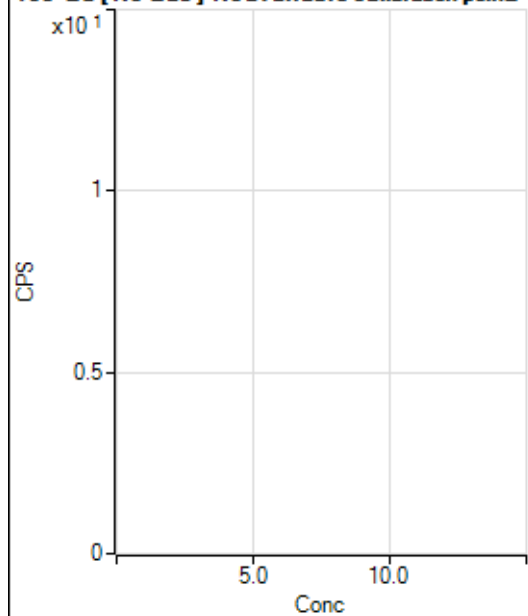
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			1.11		P	173.
3	☐			3.33		P	0.0
4	☐			6.67		P	100.
5	☐			8.89		P	94.4
6	☐			16.67		P	20.0
7	☐			43.34		P	13.3
8	☐			5.55		P	69.3

156 Dy [No Gas] No available calibration points

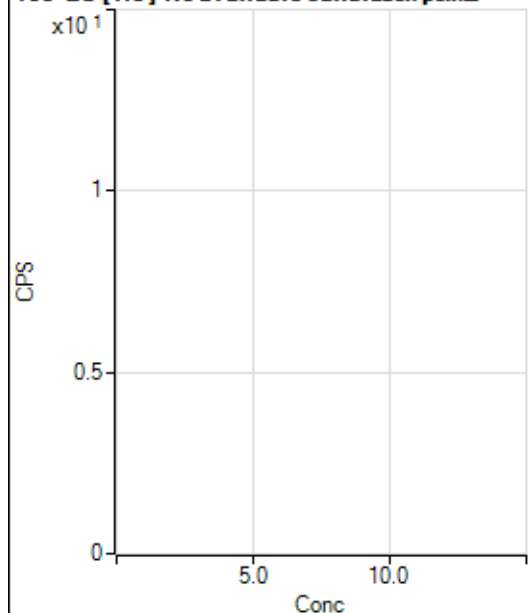
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			2.78		P	173.
3	☐			38.89		P	44.6
4	☐			41.67		P	72.1
5	☐			88.89		P	10.8
6	☐			202.78		P	4.7
7	☐			425.02		P	27.8
8	☐			1183.42		P	7.3

156 Dy [He] No available calibration points

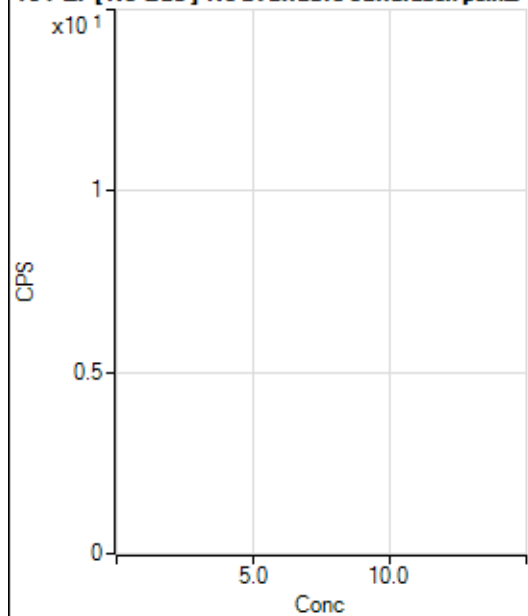
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			12.22		P	56.8
4	☐			31.11		P	27.0
5	☐			40.00		P	28.9
6	☐			92.22		P	30.3
7	☐			175.56		P	8.6
8	☐			510.01		P	2.0

160 Gd [No Gas] Noavailable calibration poin_

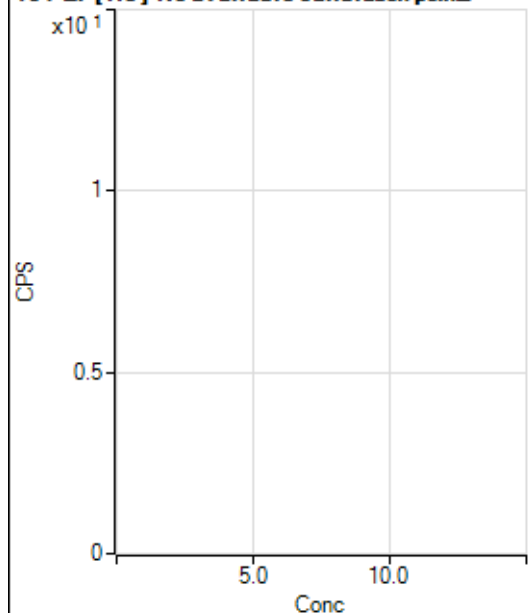
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐			44.45		P	39.0
3	☐			94.45		P	5.1
4	☐			91.67		P	31.5
5	☐			119.45		P	24.5
6	☐			144.45		P	12.0
7	☐			358.35		P	12.9
8	☐			1266.76		P	10.9

160 Gd [He] No available calibration points

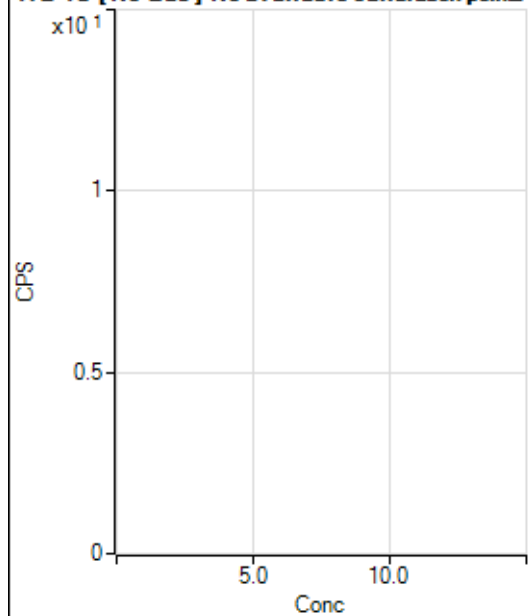
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			134.45		P	8.7
2	☐			111.11		P	24.4
3	☐			117.78		P	19.9
4	☐			143.34		P	12.3
5	☐			132.22		P	19.1
6	☐			158.89		P	34.9
7	☐			240.01		P	19.7
8	☐			705.58		P	3.8

164 Er [No Gas] No available calibration points

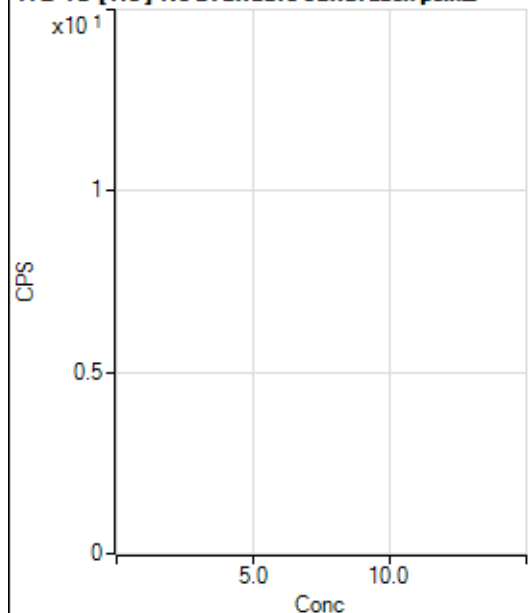
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	13.3
2	☐			41.67		P	34.7
3	☐			83.34		P	26.5
4	☐			63.89		P	39.8
5	☐			86.11		P	29.6
6	☐			72.22		P	48.0
7	☐			61.11		P	15.7
8	☐			108.34		P	26.6

164 Er [He] No available calibration points

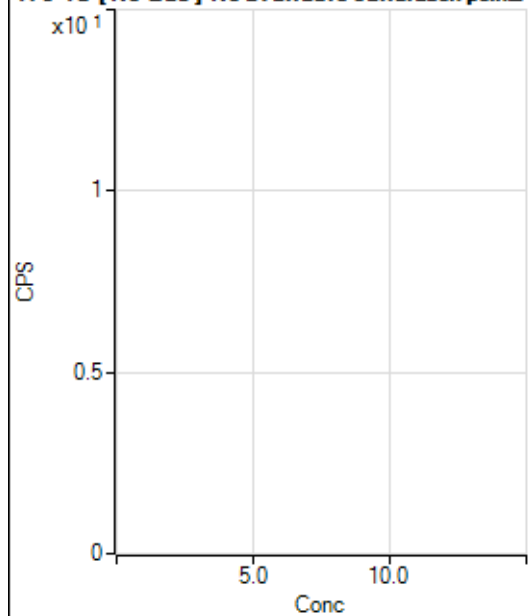
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	26.4
2	☐			26.67		P	21.7
3	☐			22.22		P	8.7
4	☐			23.33		P	24.7
5	☐			25.56		P	7.5
6	☐			33.33		P	26.4
7	☐			32.22		P	15.8
8	☐			52.22		P	19.5

172 Yb [No Gas] No available calibration points

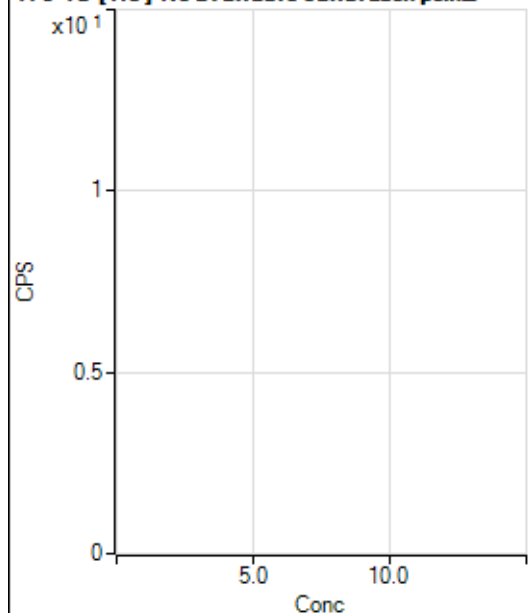
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	43.8
2	☐			50.00		P	88.2
3	☐			44.45		P	57.3
4	☐			77.78		P	44.6
5	☐			72.22		P	29.0
6	☐			86.11		P	43.6
7	☐			130.56		P	41.0
8	☐			527.80		P	7.9

172 Yb [He] No available calibration points

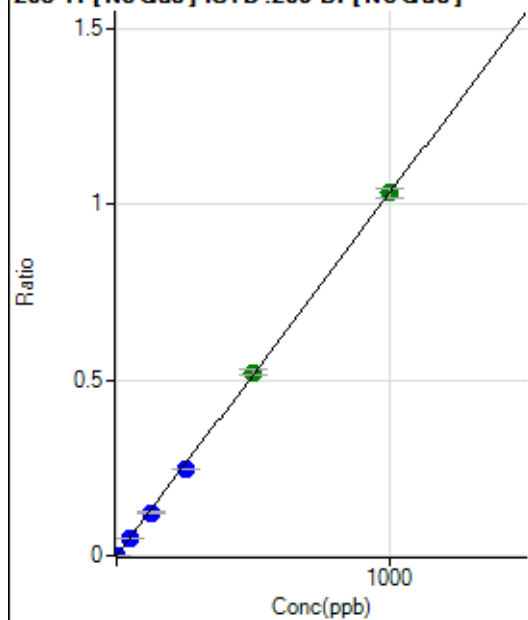
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	58.8
2	☐			20.37		P	15.7
3	☐			24.08		P	26.6
4	☐			40.74		P	20.8
5	☐			35.19		P	32.9
6	☐			46.30		P	27.7
7	☐			87.04		P	7.4
8	☐			216.67		P	10.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1458.45		P	2.5
2	☐			1514.02		P	2.3
3	☐			2347.49		P	3.0
4	☐			4345.28		P	1.4
5	☐			6915.92		P	7.9
6	☐			11980.78		P	2.2
7	☐			22839.80		P	2.0
8	☐			1780.73		P	3.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9025.45		P	1.9
2	☐			9386.82		P	2.8
3	☐			9961.36		P	0.5
4	☐			10387.61		P	1.3
5	☐			11232.76		P	5.6
6	☐			13985.44		P	2.0
7	☐			18787.71		P	1.3
8	☐			9112.56		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.89	0.0000	P	3.8
2	☐	1.000	0.997	5362.38	0.0011	P	2.0
3	☐	50.000	47.835	246809.54	0.0494	P	4.1
4	☐	125.000	117.378	626492.96	0.1211	P	4.9
5	☐	250.000	239.287	1234710.89	0.2469	P	0.6
6	☐	500.000	505.497	2586959.20	0.5215	A	3.6
7	☐	1000.000	1000.991	5302409.71	1.0327	A	2.4
8	☐			1922.42	0.0005	P	3.7

$$y = 0.0010 * x + 2.7213E-005$$

$$R = 0.9999$$

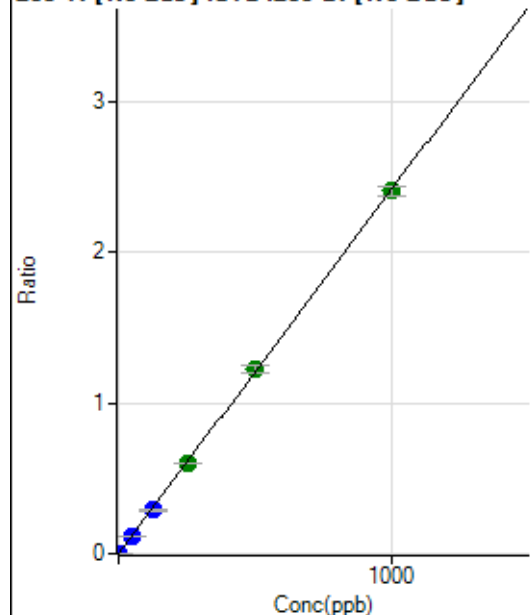
$$DL = 0.002984$$

$$BEC = 0.02638$$

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	308.35	0.0001	P	5.4
2	☐	1.000	0.956	12047.57	0.0024	P	1.8
3	☐	50.000	48.004	580291.48	0.1161	P	2.8
4	☐	125.000	119.526	1493922.97	0.2889	P	4.8
5	☐	250.000	248.956	3008813.07	0.6016	A	1.0
6	☐	500.000	509.149	6102022.10	1.2304	A	4.2
7	☐	1000.000	996.470	12361934.48	2.4079	A	2.9
8	☐			4525.93	0.0011	P	9.5

$$y = 0.0024 * x + 6.0408E-005$$

$$R = 0.9999$$

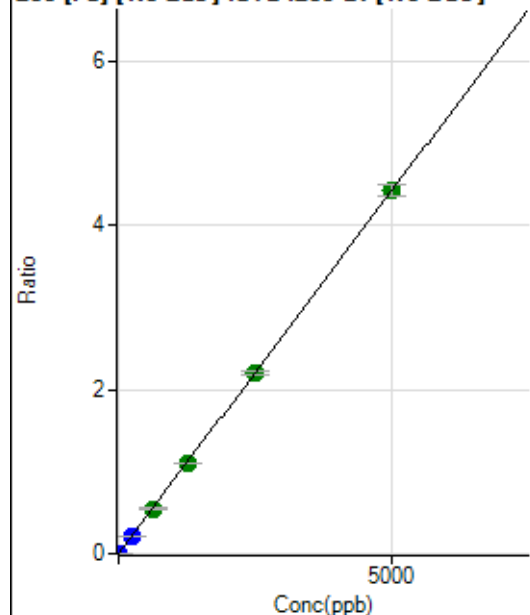
$$DL = 0.004032$$

$$BEC = 0.025$$

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	566.69	0.0001	P	1.1
2	☐	1.000	0.905	4623.13	0.0009	P	2.5
3	☐	250.000	237.075	1047630.51	0.2095	P	2.5
4	☐	625.000	615.908	2813598.56	0.5441	A	4.5
5	☐	1250.000	1249.767	5521147.17	1.1040	A	0.3
6	☐	2500.000	2498.477	10949401.98	2.2069	A	2.6
7	☐	5000.000	5002.603	22687846.57	4.4186	A	3.3
8	☐			6703.75	0.0016	P	12.1

$$y = 8.8325E-004 * x + 1.1102E-004$$

$$R = 1.0000$$

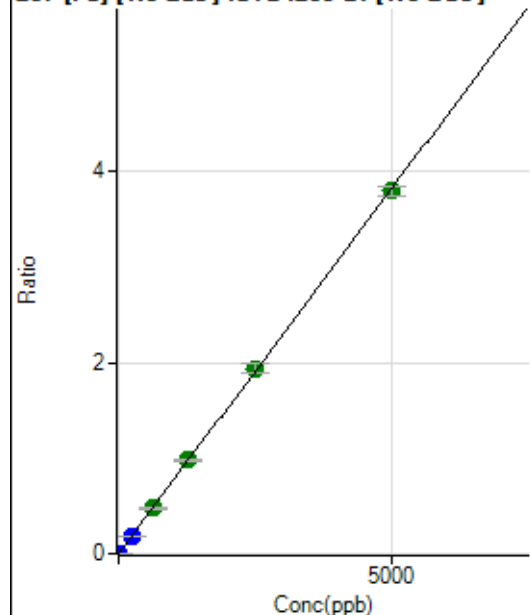
$$DL = 0.004219$$

$$BEC = 0.1257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	405.57	0.0001	P	18.5
2	☐	1.000	0.930	4008.09	0.0008	P	1.0
3	☐	250.000	244.093	931382.79	0.1863	P	3.7
4	☐	625.000	627.824	2478434.52	0.4791	A	3.7
5	☐	1250.000	1281.337	4889339.69	0.9776	A	0.5
6	☐	2500.000	2537.624	9601439.91	1.9361	A	4.7
7	☐	5000.000	4973.296	19479945.11	3.7943	A	2.9
8	☐			6125.65	0.0014	P	10.3

$$y = 7.6292E-004 * x + 7.9514E-005$$

$$R = 0.9999$$

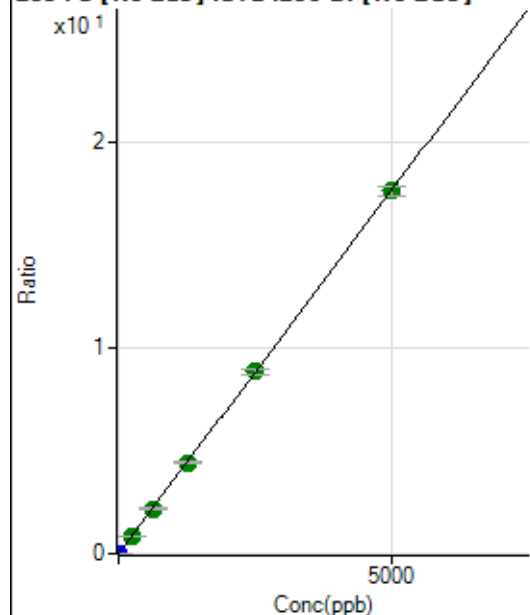
$$DL = 0.05778$$

$$BEC = 0.1042$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2085.29	0.0004	P	5.1
2	☐	1.000	0.914	18459.18	0.0036	P	0.1
3	☐	250.000	246.878	4355194.49	0.8710	A	2.8
4	☐	625.000	614.546	11213333.27	2.1676	A	3.4
5	☐	1250.000	1255.412	22143248.59	4.4276	A	0.5
6	☐	2500.000	2513.199	43968108.62	8.8631	A	3.2
7	☐	5000.000	4993.510	90410610.82	17.6098	A	2.6
8	☐			27115.40	0.0064	P	11.0

$$y = 0.0035 * x + 4.0860E-004$$

$$R = 1.0000$$

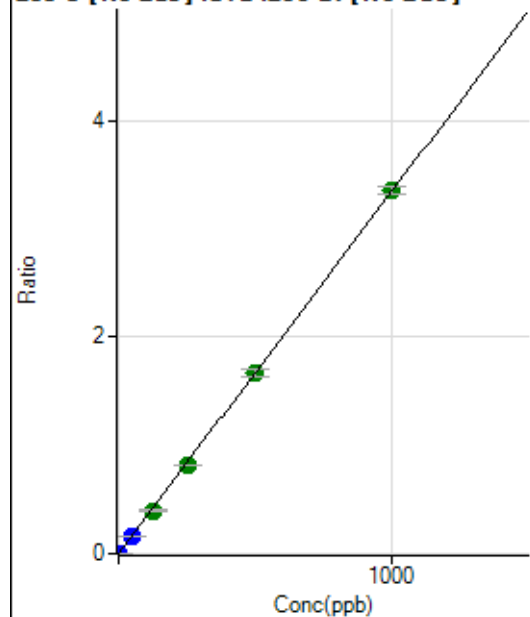
$$DL = 0.01772$$

$$BEC = 0.1159$$

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	19.44	0.0000	P	49.2
2	☐	1.000	0.898	15265.27	0.0030	P	1.6
3	☐	50.000	47.178	788712.68	0.1577	P	3.0
4	☐	125.000	118.897	2056608.21	0.3975	A	3.1
5	☐	250.000	246.508	4121825.05	0.8242	A	0.4
6	☐	500.000	498.593	8266990.46	1.6670	A	4.5
7	☐	1000.000	1002.480	17208676.60	3.3517	A	2.1
8	☐			2539.25	0.0006	P	24.0

$$y = 0.0033 * x + 3.8014E-006$$

$$R = 1.0000$$

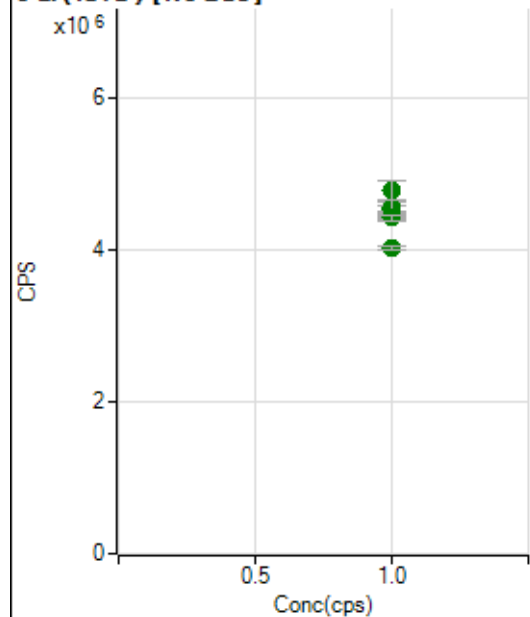
$$DL = 0.001677$$

$$BEC = 0.001137$$

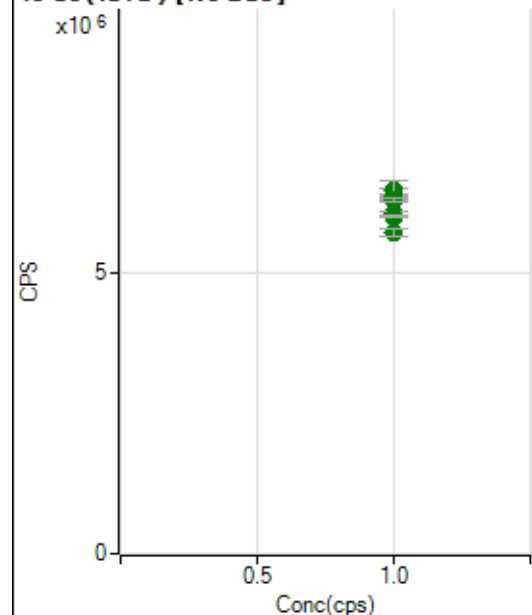
Weight: <None>

Min Conc: 0

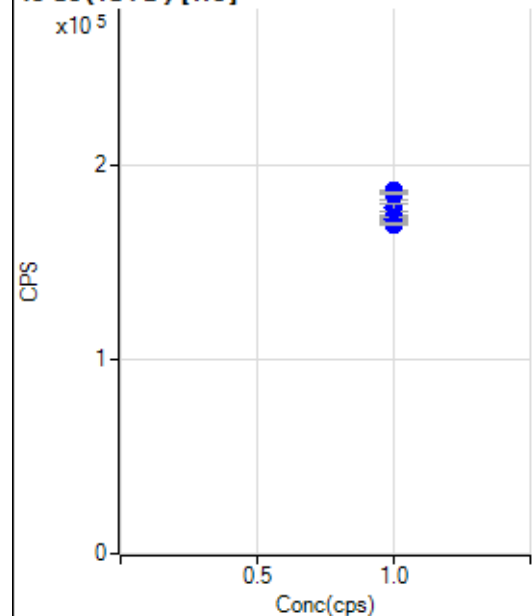
6 Li (ISTD) [No Gas]



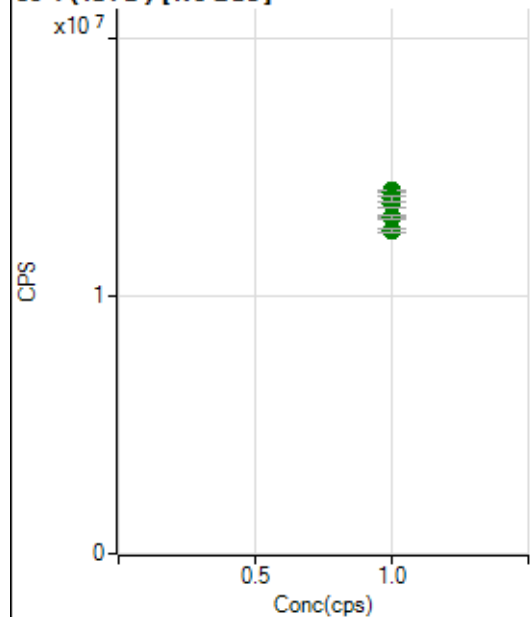
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4555771.53		A	1.8
2	☐	1.000		4446860.09		A	0.9
3	☐	1.000		4539822.27		A	5.7
4	☐	1.000		4783471.19		A	5.8
5	☐	1.000		4555336.79		A	4.3
6	☐	1.000		4445705.49		A	2.3
7	☐	1.000		4428542.43		A	1.3
8	☐	1.000		4029142.87		A	0.9

45 Sc (ISTD) [No Gas]

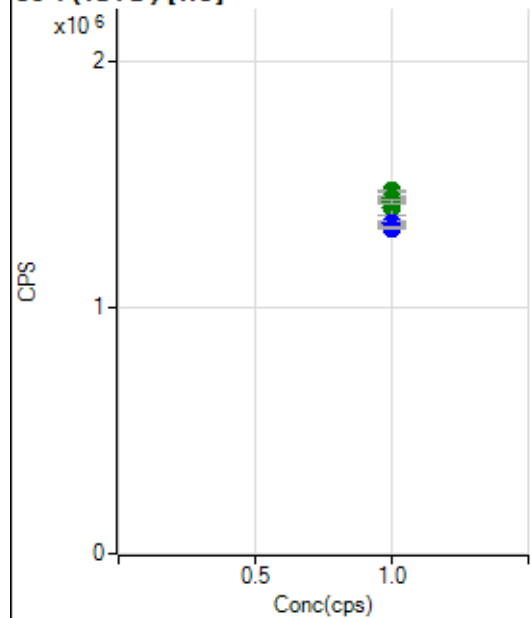
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6444248.03		A	1.7
2	☐	1.000		6304911.51		A	1.8
3	☐	1.000		6347146.57		A	1.7
4	☐	1.000		6441328.73		A	5.9
5	☐	1.000		6041863.45		A	1.3
6	☐	1.000		5984742.27		A	0.8
7	☐	1.000		6284009.01		A	0.6
8	☐	1.000		5704768.39		A	2.9

45 Sc (ISTD) [He]

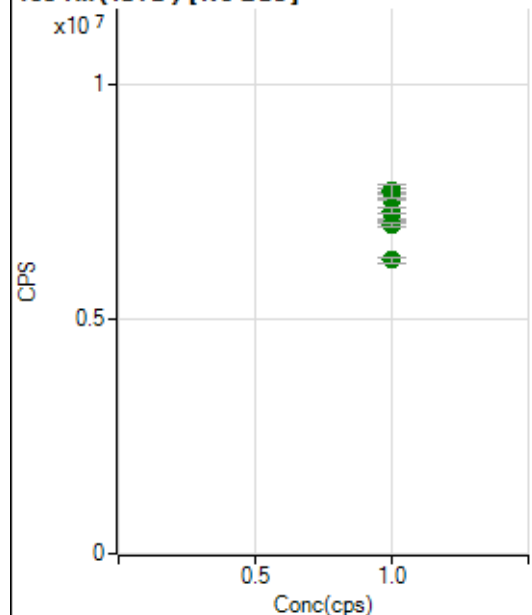
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		178158.56		P	4.7
2	☐	1.000		186582.92		P	0.4
3	☐	1.000		185215.68		P	0.8
4	☐	1.000		177927.08		P	2.0
5	☐	1.000		172852.53		P	1.4
6	☐	1.000		172590.05		P	1.3
7	☐	1.000		172007.47		P	1.6
8	☐	1.000		169237.15		P	0.7

89 Y (ISTD) [No Gas]

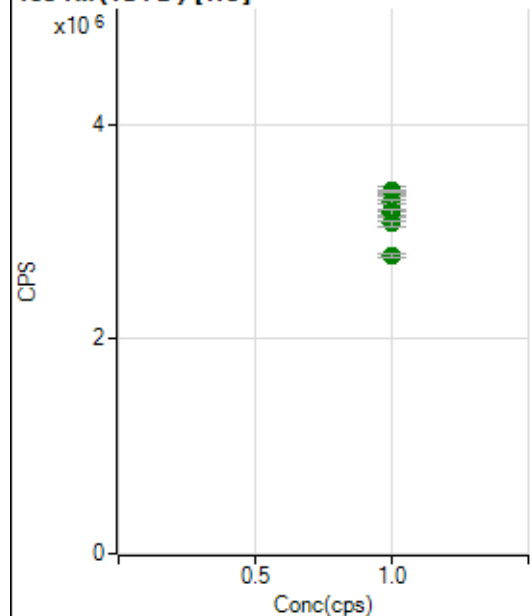
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14099988.54		A	0.7
2	☐	1.000		14064868.68		A	0.6
3	☐	1.000		13569988.69		A	1.5
4	☐	1.000		14039200.21		A	1.7
5	☐	1.000		13042664.67		A	0.8
6	☐	1.000		13064829.81		A	1.3
7	☐	1.000		13809123.13		A	1.4
8	☐	1.000		12570514.81		A	1.5

89 Y (ISTD) [He]

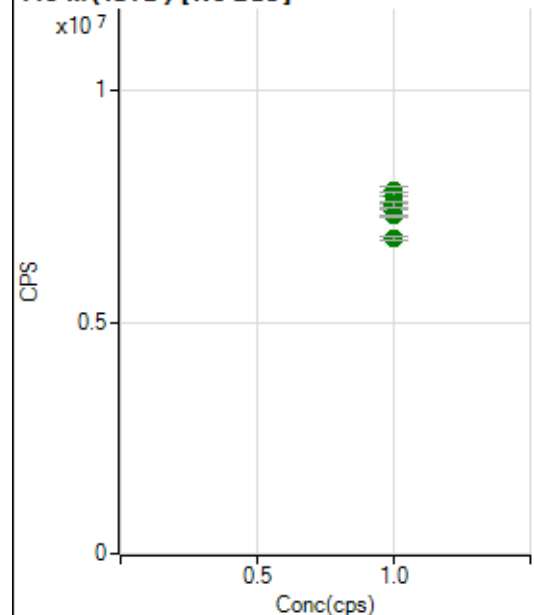
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1407763.15		A	4.9
2	☐	1.000		1474709.11		A	0.7
3	☐	1.000		1443854.15		A	1.8
4	☐	1.000		1430345.24		A	1.0
5	☐	1.000		1348244.01		P	0.2
6	☐	1.000		1346088.74		P	0.1
7	☐	1.000		1343949.85		P	1.2
8	☐	1.000		1323300.05		P	0.9

103 Rh (ISTD) [No Gas]

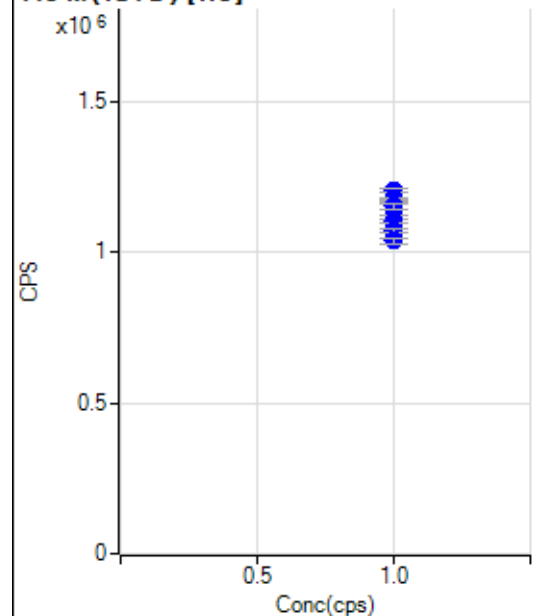
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7734790.88		A	0.9
2	☐	1.000		7672444.10		A	0.3
3	☐	1.000		7532328.64		A	0.2
4	☐	1.000		7719215.54		A	3.6
5	☐	1.000		7108080.97		A	0.6
6	☐	1.000		7025274.98		A	1.1
7	☐	1.000		7302099.30		A	1.6
8	☐	1.000		6260081.65		A	1.8

103 Rh (ISTD) [He]

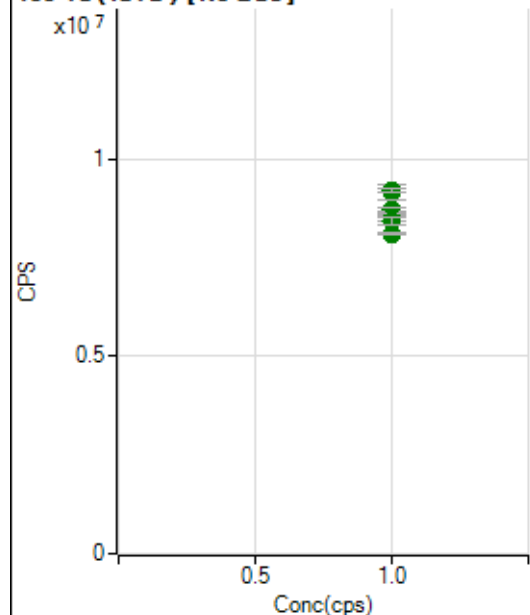
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3257108.70		A	4.7
2	☐	1.000		3374354.15		A	2.1
3	☐	1.000		3376973.66		A	0.5
4	☐	1.000		3279868.11		A	1.3
5	☐	1.000		3177552.52		A	2.0
6	☐	1.000		3166689.16		A	2.2
7	☐	1.000		3072168.18		A	1.7
8	☐	1.000		2779258.76		A	1.1

115 In (ISTD) [No Gas]

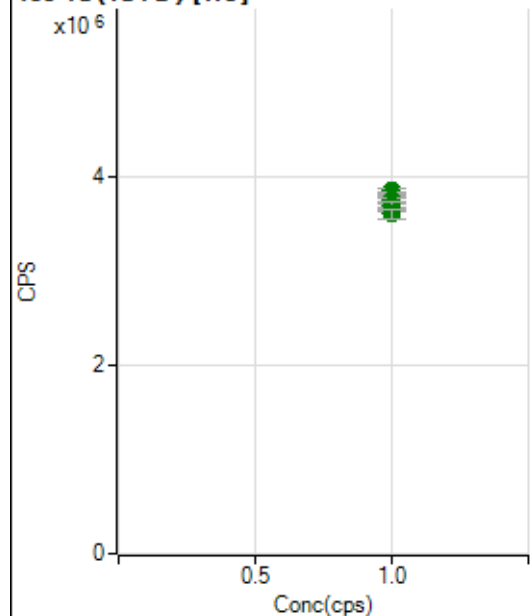
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7708149.73		A	3.0
2	☐	1.000		7531601.55		A	1.3
3	☐	1.000		7838663.92		A	2.7
4	☐	1.000		7719125.59		A	2.7
5	☐	1.000		7392693.06		A	1.6
6	☐	1.000		7293195.32		A	0.7
7	☐	1.000		7548744.48		A	1.7
8	☐	1.000		6814617.63		A	1.4

115 In (ISTD) [He]

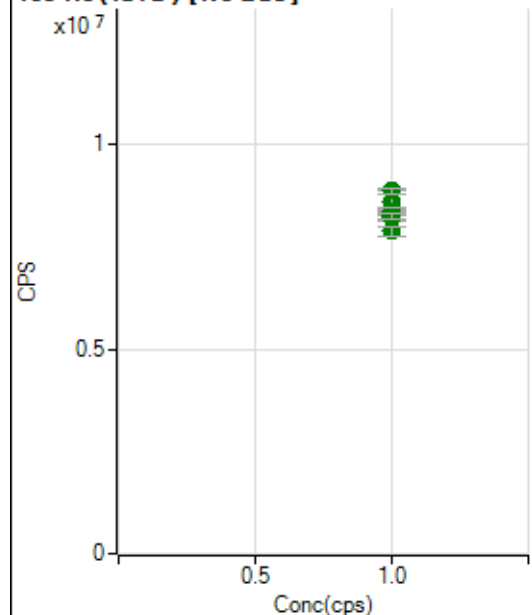
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1145945.13		P	4.1
2	☐	1.000		1204987.69		P	1.2
3	☐	1.000		1179181.53		P	0.8
4	☐	1.000		1154507.21		P	1.5
5	☐	1.000		1105246.13		P	0.6
6	☐	1.000		1096819.67		P	0.2
7	☐	1.000		1074072.87		P	1.1
8	☐	1.000		1038411.16		P	1.7

159 Tb (ISTD) [No Gas]

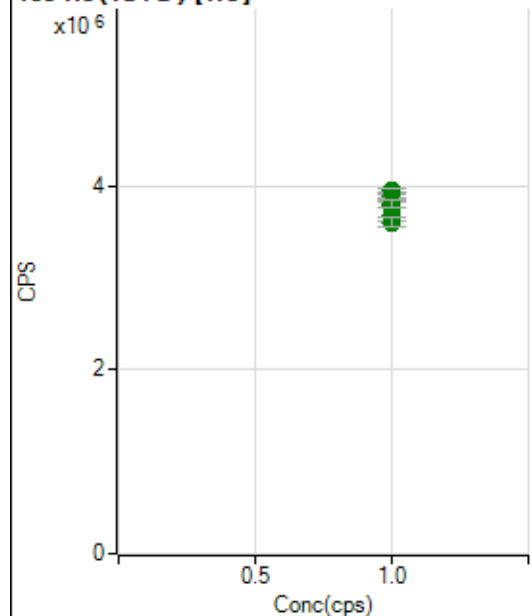
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8587681.33		A	0.5
2	☐	1.000		8620277.37		A	0.7
3	☐	1.000		8724236.82		A	1.4
4	☐	1.000		9165176.25		A	4.3
5	☐	1.000		8519666.47		A	2.1
6	☐	1.000		8438698.91		A	2.1
7	☐	1.000		9202843.41		A	1.0
8	☐	1.000		8116636.06		A	0.7

159 Tb (ISTD) [He]

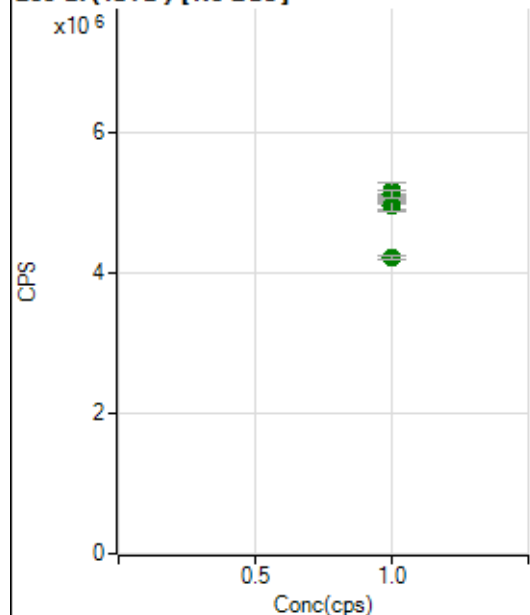
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3711356.19		A	3.7
2	☐	1.000		3851778.90		A	1.3
3	☐	1.000		3838135.11		A	1.8
4	☐	1.000		3825896.37		A	0.5
5	☐	1.000		3692097.93		A	1.4
6	☐	1.000		3754970.29		A	0.8
7	☐	1.000		3692207.41		A	2.5
8	☐	1.000		3607339.49		A	2.5

165 Ho (ISTD) [No Gas]

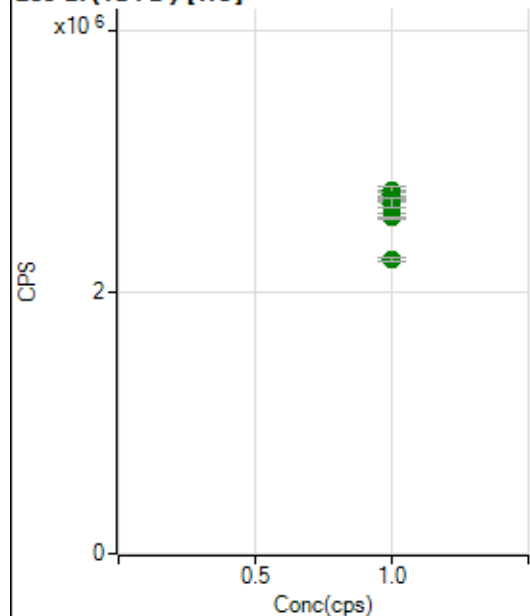
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8333965.38		A	1.7
2	☐	1.000		8205403.13		A	1.7
3	☐	1.000		8251563.29		A	2.9
4	☐	1.000		8606265.12		A	6.3
5	☐	1.000		8375537.08		A	1.8
6	☐	1.000		8236188.64		A	1.5
7	☐	1.000		8865704.80		A	1.7
8	☐	1.000		7885357.38		A	3.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3691538.73		A	3.8
2	☐	1.000		3898389.87		A	1.8
3	☐	1.000		3883852.79		A	1.6
4	☐	1.000		3946243.69		A	1.4
5	☐	1.000		3861988.56		A	0.9
6	☐	1.000		3791346.96		A	1.7
7	☐	1.000		3807097.06		A	1.8
8	☐	1.000		3607505.15		A	2.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5104472.39		A	0.6
2	☐	1.000		5080308.78		A	0.9
3	☐	1.000		5003478.88		A	3.7
4	☐	1.000		5178767.98		A	5.0
5	☐	1.000		5001172.67		A	0.4
6	☐	1.000		4964207.22		A	3.3
7	☐	1.000		5136089.12		A	2.5
8	☐	1.000		4229590.49		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2648065.01		A	3.3
2	☐	1.000		2749820.58		A	2.3
3	☐	1.000		2768286.94		A	0.3
4	☐	1.000		2773076.87		A	2.7
5	☐	1.000		2711676.24		A	0.4
6	☐	1.000		2681773.71		A	2.5
7	☐	1.000		2567766.99		A	0.9
8	☐	1.000		2243424.29		A	1.4