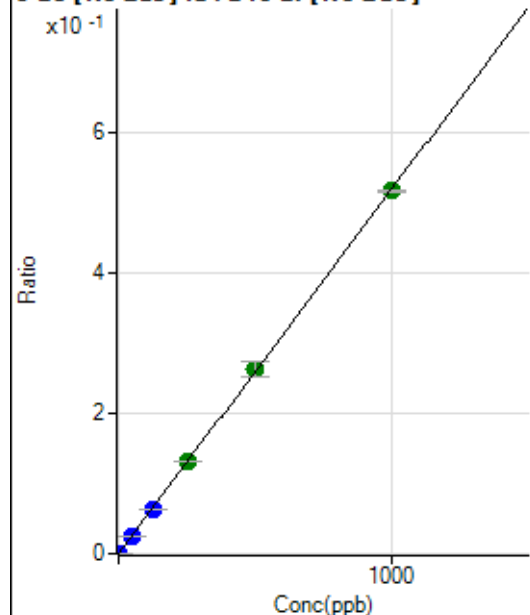


Batch Folder: D:\Agilent\ICPMH\1\DATA\P100824-MS.b\
Analysis File: P100824-MS.batch.bin
DA Date-Time: 2024-10-11 02:40:12
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-08 10:32:15
2	005CALS.d	S02	2024-10-08 10:35:33
3	006CALS.d	S03	2024-10-08 10:38:54
4	007CALS.d	S04	2024-10-08 10:41:55
5	008CALS.d	S05	2024-10-08 10:44:59
6	009CALS.d	S06	2024-10-08 10:48:01
7	010CALS.d	S07	2024-10-08 10:51:05
8	011CALS.d	S08	2024-10-08 10:54:07

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	162.06	0.0000	P	6.5
2	☐	1.000	1.006	7161.27	0.0005	P	8.2
3	☐	50.000	49.425	358462.56	0.0256	P	0.8
4	☐	125.000	121.635	895572.03	0.0630	P	1.5
5	☐	250.000	254.912	1848212.21	0.1320	A	0.8
6	☐	500.000	506.342	3602553.49	0.2622	A	8.6
7	☐	1000.000	996.050	7137107.66	0.5158	A	0.7
8	☐			1731.97	0.0002	P	10.3

$$y = 5.1784\text{E-}004 * x + 1.1584\text{E-}005$$

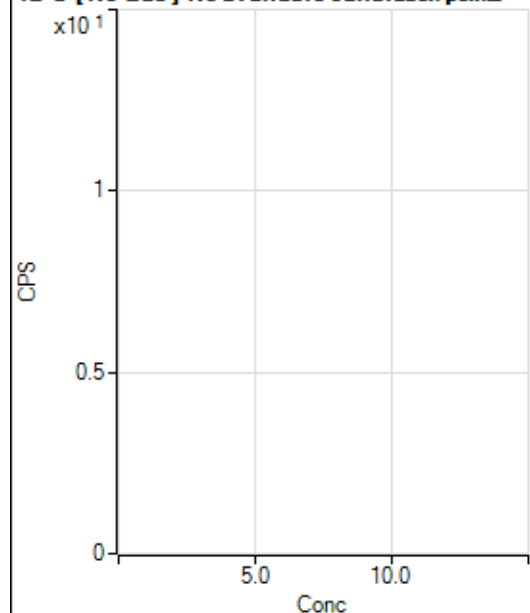
$$R = 0.9999$$

$$DL = 0.004389$$

$$BEC = 0.02237$$

Weight: <None>

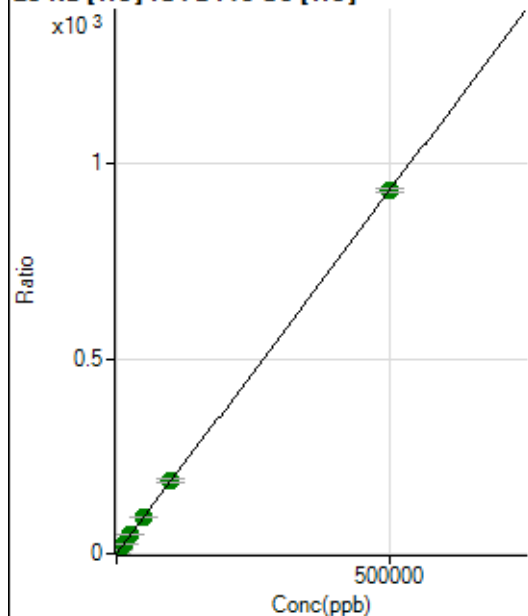
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4119603.72		A	0.7
2	☐			4282358.41		A	1.2
3	☐			4276304.24		A	0.1
4	☐			4395322.47		A	0.7
5	☐			4544223.34		A	1.2
6	☐			4915784.44		A	1.8
7	☐			5654495.96		A	4.9
8	☐			4584408.23		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			38735.44		P	0.5
2	☐			40681.64		P	0.7
3	☐			40708.38		P	0.8
4	☐			42922.49		P	1.1
5	☐			44274.14		P	0.8
6	☐			48820.68		P	0.8
7	☐			57259.73		P	1.0
8	☐			56403.17		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23902.98	0.0446	P	1.2
2	☐	500.000	493.385	519218.77	0.9630	P	0.6
3	☐	5000.000	5180.292	5313229.37	9.6869	A	0.6
4	☐	12500.000	12888.770	13320438.97	24.0350	A	1.2
5	☐	25000.000	25613.034	26847139.32	47.7192	A	0.5
6	☐	50000.000	51276.682	53386906.43	95.4880	A	1.0
7	☐	100000.00	100502.82	108579115.05	187.1147	A	4.7
8	☐	500000.00	499729.60	486341770.53	930.2123	A	1.2

$$y = 0.0019 * x + 0.0446$$

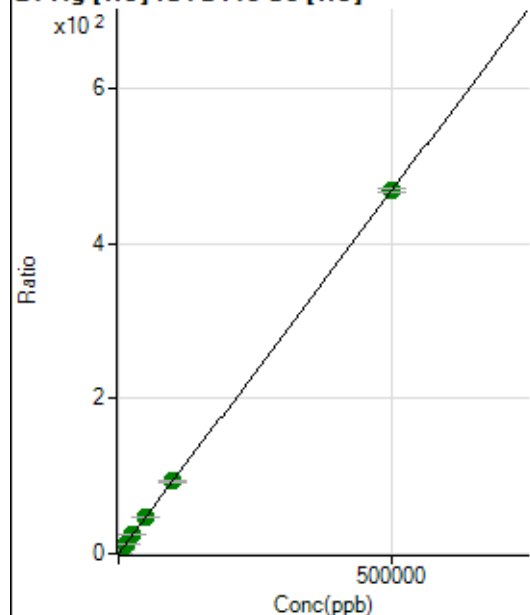
$$R = 1.0000$$

$$DL = 0.8358$$

$$BEC = 23.96$$

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	852.26	0.0016	P	7.2
2	☐	500.000	520.222	263242.42	0.4882	P	0.4
3	☐	5000.000	5195.192	2666363.10	4.8612	A	1.2
4	☐	12500.000	12759.880	6615805.11	11.9374	A	0.4
5	☐	25000.000	25296.873	13313960.50	23.6646	A	0.2
6	☐	50000.000	50605.705	26466572.11	47.3389	A	1.3
7	☐	100000.00	99417.649	53965627.53	92.9982	A	4.4
8	☐	500000.00	500032.58	244556325.24	467.7390	A	0.9

$$y = 9.3541\text{E-}004 * x + 0.0016$$

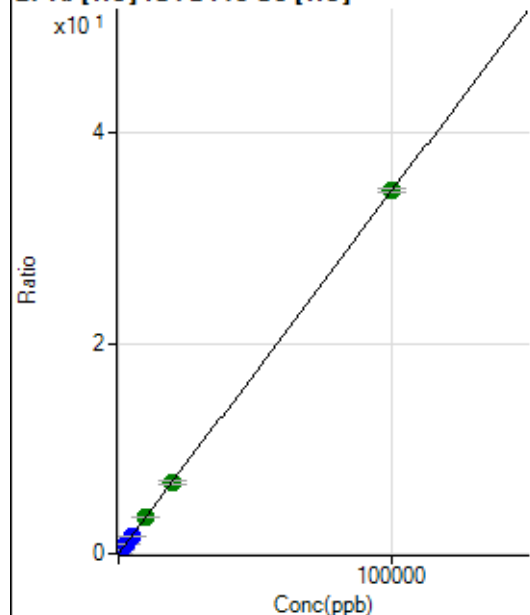
R = 1.0000

DL = 0.3652

BEC = 1.7

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	225.56	0.0004	P	17.8
2	☐	20.000	20.451	4030.60	0.0075	P	5.3
3	☐	1000.000	995.869	188644.10	0.3439	P	0.7
4	☐	2500.000	2450.890	468751.08	0.8458	P	0.8
5	☐	5000.000	4809.429	933560.45	1.6593	P	0.0
6	☐	10000.000	9943.955	1917891.10	3.4304	A	1.3
7	☐	20000.000	19644.788	3932832.61	6.7765	A	3.9
8	☐	100000.00	100087.44	18050335.70	34.5236	A	1.1

$$y = 3.4493\text{E-}004 * x + 4.2098\text{E-}004$$

R = 1.0000

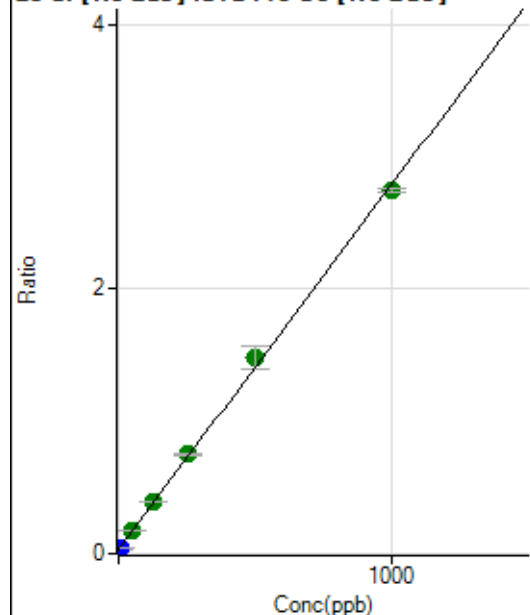
DL = 0.6527

BEC = 1.22

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	678221.30	0.0320	P	1.9
2	☐	10.000	2.933	823372.55	0.0401	P	8.6
3	☐	50.000	53.841	3750945.91	0.1803	A	0.4
4	☐	125.000	132.396	8453662.31	0.3968	A	0.5
5	☐	250.000	260.219	16147728.09	0.7490	A	0.7
6	☐	500.000	526.741	31195868.43	1.4834	A	11.4
7	☐	1000.000	983.029	60862590.20	2.7407	A	1.1
8	☐			1011232.48	0.0551	A	3.8

$$y = 0.0028 * x + 0.0320$$

$$R = 0.9993$$

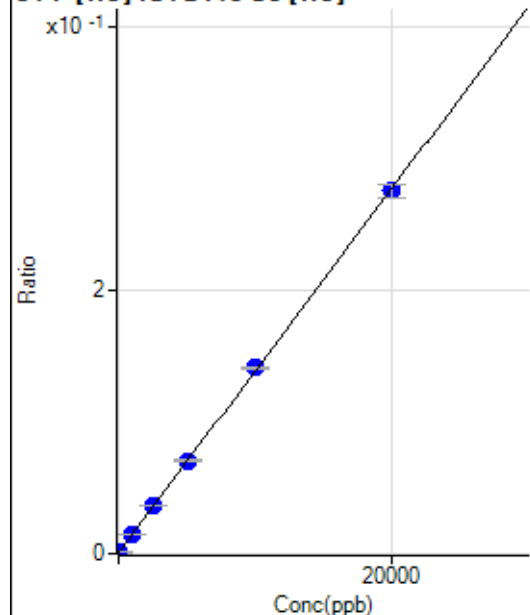
$$DL = 0.6617$$

$$BEC = 11.61$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.930	185.56	0.0003	P	7.9
2	☐	0.000	18.930	468.90	0.0009	P	14.7
3	☐	1000.000	1012.488	8013.40	0.0146	P	2.5
4	☐	2500.000	2570.154	20035.03	0.0362	P	0.4
5	☐	5000.000	5057.937	39693.12	0.0706	P	1.7
6	☐	10000.000	10163.544	78920.72	0.1412	P	1.1
7	☐	20000.000	19894.350	160037.96	0.2757	P	3.5
8	☐			223.34	0.0004	P	10.2

$$y = 1.3829E-005 * x + 6.0789E-004$$

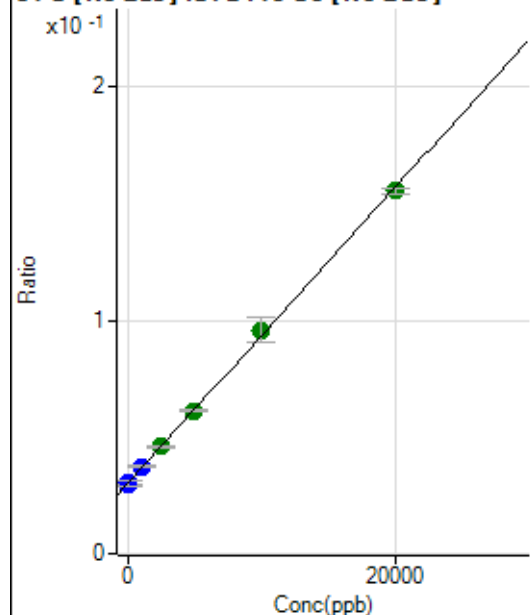
$$R = 0.9999$$

$$DL = 16.81$$

$$BEC = 43.96$$

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	-48.918	629605.55	0.0297	P	2.0
2	☐	0.000	48.918	622748.60	0.0303	P	8.9
3	☐	1000.000	1147.707	774908.16	0.0373	P	1.2
4	☐	2500.000	2486.003	974129.42	0.0457	A	2.1
5	☐	5000.000	4949.481	1321726.14	0.0613	A	0.9
6	☐	10000.000	10398.467	2014045.39	0.0958	A	11.7
7	☐	20000.000	19807.761	3449175.06	0.1553	A	1.3
8	☐			576260.82	0.0314	P	1.0

$$y = 6.3266E-006 * x + 0.0300$$

$$R = 0.9997$$

$$DL = 778.4$$

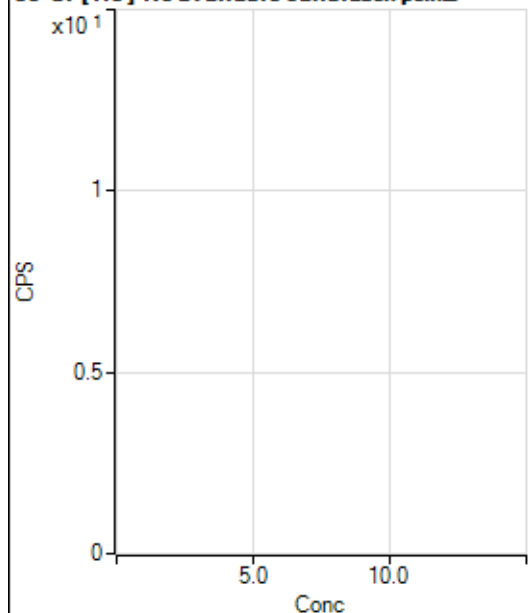
$$BEC = 4741$$

Weight: <None>

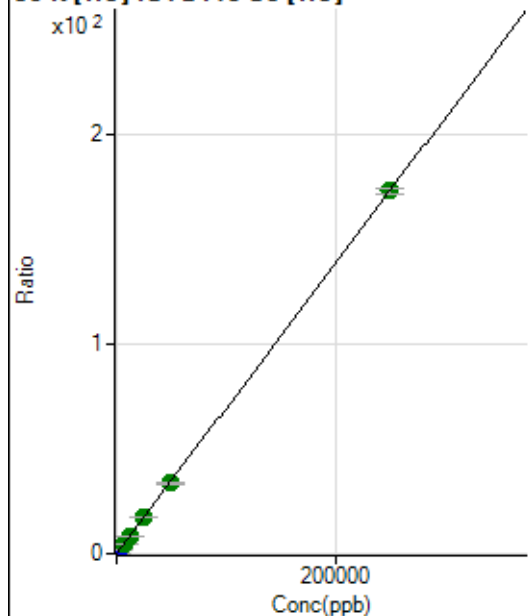
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			192878.88		P	0.4
2	☐			204352.95		P	0.1
3	☐			202191.41		P	0.5
4	☐			206790.33		P	0.3
5	☐			212202.00		P	0.6
6	☐			230252.33		P	0.4
7	☐			269446.07		P	2.1
8	☐			193388.93		P	0.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			907.82		P	8.8
2	☐			1037.83		P	4.2
3	☐			1020.05		P	6.3
4	☐			1004.49		P	6.3
5	☐			1044.49		P	4.9
6	☐			1203.40		P	2.6
7	☐			1383.41		P	8.0
8	☐			1053.38		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16449.47	0.0307	P	2.4
2	☐	500.000	462.687	188727.98	0.3500	P	0.9
3	☐	2500.000	2373.350	915272.43	1.6687	P	0.3
4	☐	6250.000	6194.637	2386381.23	4.3060	A	1.2
5	☐	12500.000	12182.006	4747369.34	8.4383	A	0.8
6	☐	25000.000	24567.305	9497207.36	16.9862	A	0.3
7	☐	50000.000	48567.764	19468466.38	33.5504	A	4.5
8	☐	250000.00	250348.34	90352220.88	172.8121	A	1.7

$$y = 6.9016E-004 * x + 0.0307$$

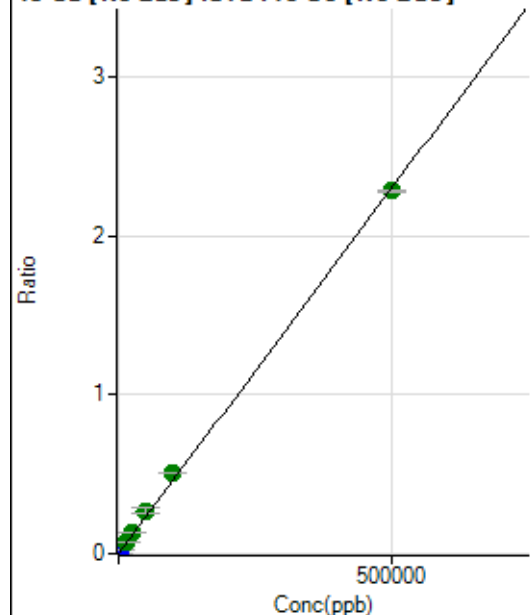
$$R = 1.0000$$

$$DL = 3.258$$

$$BEC = 44.47$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	881.15	0.0000	P	5.6
2	☐	500.000	475.074	45749.26	0.0022	P	8.5
3	☐	5000.000	5493.611	526237.40	0.0253	P	0.9
4	☐	12500.000	14630.270	1433987.08	0.0673	A	1.2
5	☐	25000.000	28757.140	2851436.90	0.1323	A	1.1
6	☐	50000.000	58982.738	5705862.97	0.2712	A	10.9
7	☐	100000.00	111119.48	11346927.05	0.5110	A	1.0
8	☐	500000.00	496631.80	41887657.99	2.2835	A	0.8

$$y = 4.5979\text{E-}006 * x + 4.1544\text{E-}005$$

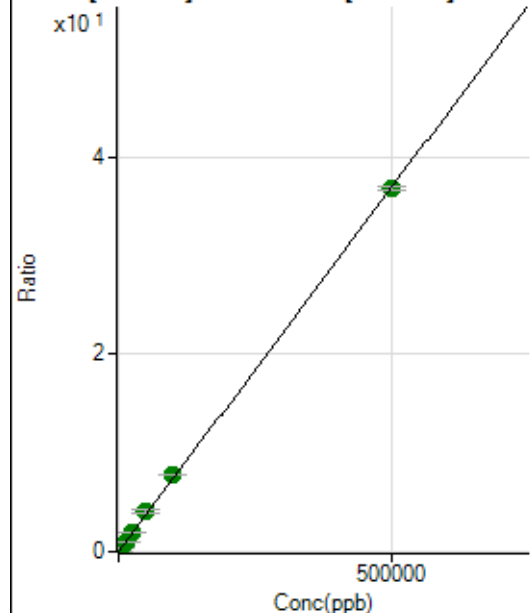
$$R = 0.9996$$

$$DL = 1.522$$

$$BEC = 9.035$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18152.65	0.0009	P	1.6
2	☐	500.000	477.708	741453.71	0.0361	P	8.6
3	☐	5000.000	5482.037	8424836.75	0.4050	A	0.4
4	☐	12500.000	13566.378	21327226.77	1.0011	A	0.8
5	☐	25000.000	26893.043	42763477.97	1.9836	A	0.3
6	☐	50000.000	55496.736	86078880.94	4.0925	A	11.1
7	☐	100000.00	105586.16	172904137.42	7.7854	A	0.4
8	☐	500000.00	498206.98	673809612.18	36.7322	A	1.0

$$y = 7.3727\text{E-}005 * x + 8.5564\text{E-}004$$

$$R = 0.9999$$

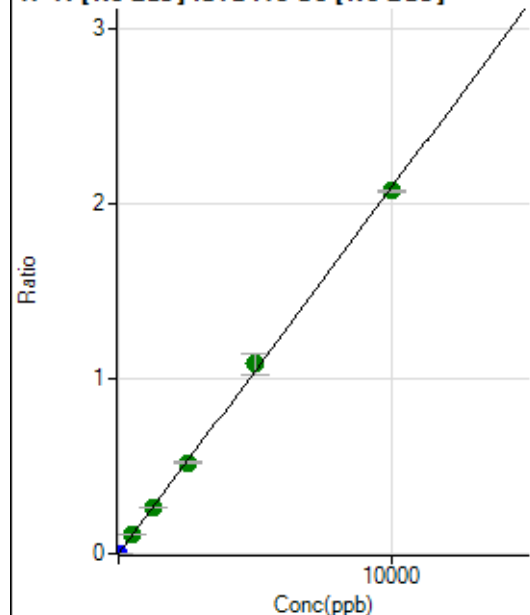
$$DL = 0.5738$$

$$BEC = 11.61$$

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	281.12	0.0000	P	5.0
2	☐	5.000	4.618	20090.83	0.0010	P	10.4
3	☐	500.000	509.978	2217244.10	0.1066	A	1.6
4	☐	1250.000	1263.255	5625646.44	0.2641	A	0.7
5	☐	2500.000	2492.284	11230617.75	0.5209	A	0.9
6	☐	5000.000	5179.304	22760481.61	1.0826	A	11.8
7	☐	10000.000	9910.121	46006202.09	2.0714	A	0.8
8	☐			14156.00	0.0008	P	2.5

$$y = 2.0902\text{E-}004 * x + 1.3257\text{E-}005$$

$$R = 0.9998$$

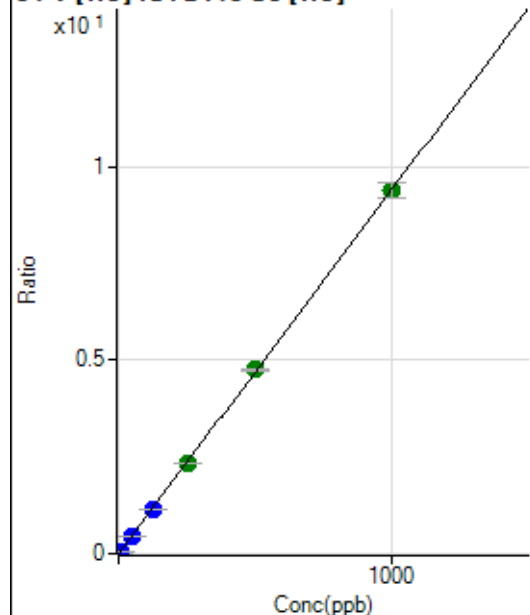
$$DL = 0.009471$$

$$BEC = 0.06342$$

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	16.67	0.0000	P	20.3
2	☐	5.000	4.835	24505.54	0.0454	P	1.9
3	☐	50.000	48.644	250645.67	0.4570	P	0.9
4	☐	125.000	121.996	635127.30	1.1460	P	0.3
5	☐	250.000	249.746	1319884.03	2.3460	A	0.5
6	☐	500.000	505.659	2655781.70	4.7500	A	0.5
7	☐	1000.000	997.678	5439217.14	9.3718	A	4.2
8	☐			1272.29	0.0024	P	7.8

$$y = 0.0094 * x + 3.1105\text{E-}005$$

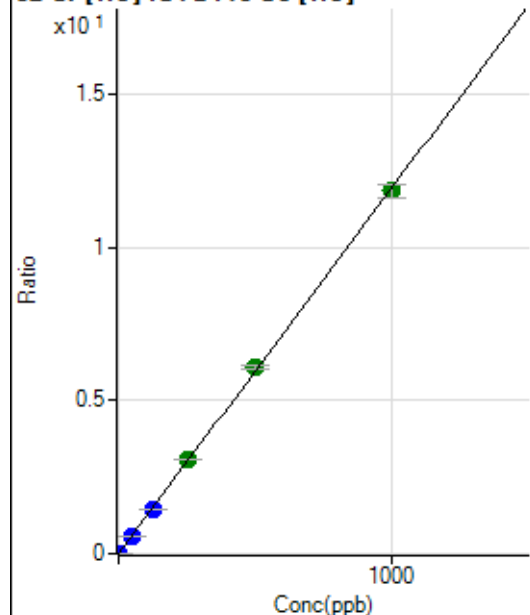
$$R = 1.0000$$

$$DL = 0.002013$$

$$BEC = 0.003311$$

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	1027.82	0.0019	P	1.8
2	☐	2.000	1.928	13437.52	0.0249	P	1.6
3	☐	50.000	48.827	320621.91	0.5845	P	0.5
4	☐	125.000	122.238	809450.61	1.4605	P	0.2
5	☐	250.000	257.474	1729529.61	3.0742	A	1.5
6	☐	500.000	510.639	3407689.36	6.0951	A	1.5
7	☐	1000.000	993.216	6879116.15	11.8535	A	4.0
8	☐			21617.23	0.0413	P	1.2

$$y = 0.0119 * x + 0.0019$$

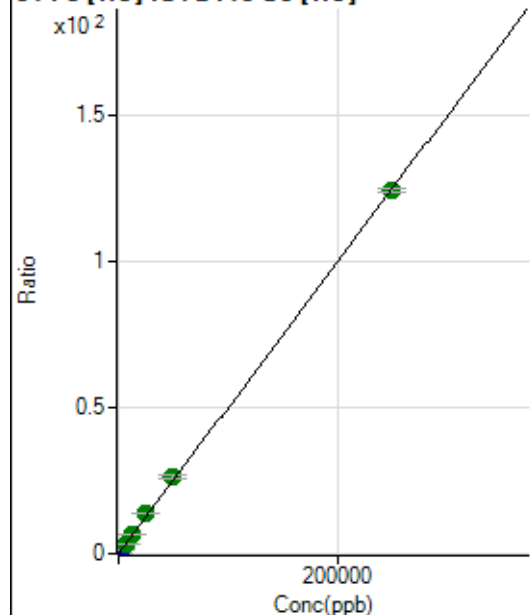
$$R = 0.9999$$

$$DL = 0.008811$$

$$BEC = 0.1607$$

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	1030.05	0.0019	P	1.3
2	☐	50.000	53.342	15340.56	0.0285	P	0.5
3	☐	2500.000	2687.296	734115.42	1.3384	P	0.3
4	☐	6250.000	7021.256	1936338.67	3.4938	A	0.3
5	☐	12500.000	13628.572	3814423.80	6.7799	A	0.4
6	☐	25000.000	27144.386	7548954.96	13.5018	A	0.5
7	☐	50000.000	52733.479	15222381.72	26.2282	A	3.9
8	☐	250000.00	249161.28	64791168.48	123.9189	A	1.0

$$y = 4.9734E-004 * x + 0.0019$$

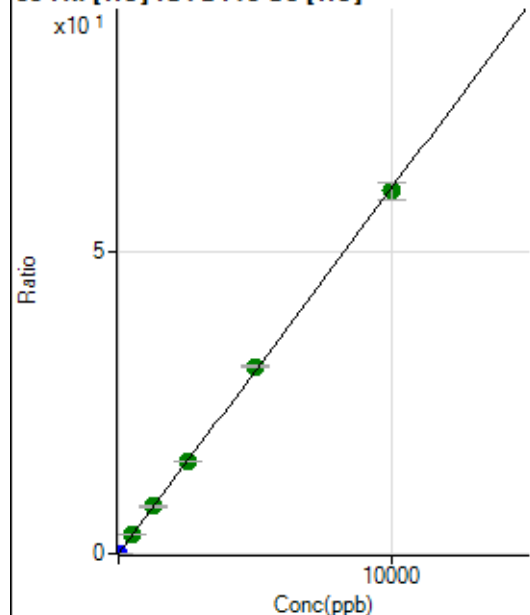
$$R = 0.9999$$

$$DL = 0.1504$$

$$BEC = 3.864$$

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	457.79	0.0009	P	10.0
2	☐	1.000	1.129	4146.20	0.0077	P	4.2
3	☐	500.000	519.578	1726164.78	3.1470	A	0.9
4	☐	1250.000	1292.621	4338455.11	7.8280	A	0.6
5	☐	2500.000	2535.299	8637507.93	15.3527	A	0.5
6	☐	5000.000	5113.118	17310953.07	30.9621	A	0.9
7	☐	10000.000	9928.310	34884418.09	60.1193	A	4.6
8	☐			16135.87	0.0309	P	1.0

$$y = 0.0061 * x + 8.5411E-004$$

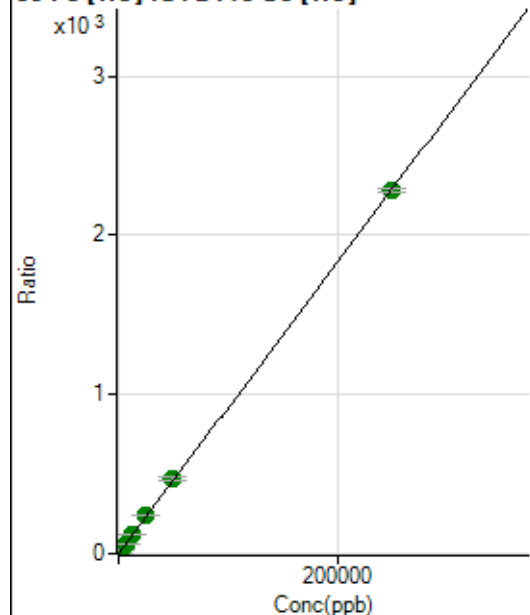
$$R = 0.9999$$

$$DL = 0.04252$$

$$BEC = 0.1411$$

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	11624.81	0.0217	P	2.3
2	☐	50.000	52.270	269109.91	0.4991	P	0.8
3	☐	2500.000	2733.171	13704221.19	24.9850	A	0.3
4	☐	6250.000	6785.046	34358039.21	61.9926	A	0.7
5	☐	12500.000	13395.373	68844222.86	122.3678	A	0.7
6	☐	25000.000	26675.239	136233002.41	243.6589	A	0.1
7	☐	50000.000	51791.457	274491669.24	473.0568	A	4.7
8	☐	250000.00	249413.70	1191046720.0	2,278.031	A	1.1

$$y = 0.0091 * x + 0.0217$$

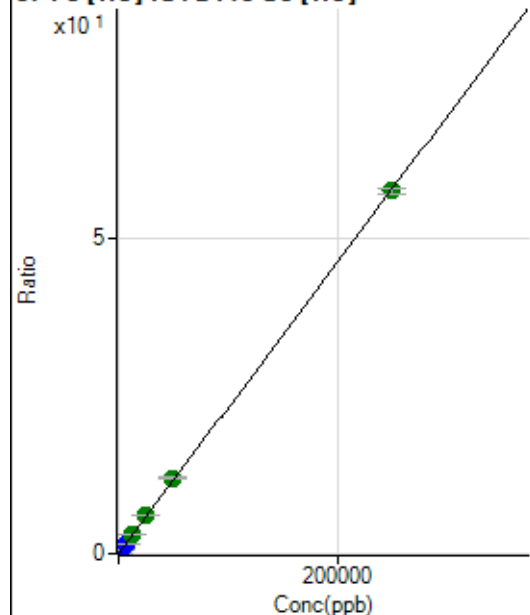
$$R = 1.0000$$

$$DL = 0.1637$$

$$BEC = 2.375$$

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	378.90	0.0007	P	15.3
2	☐	50.000	53.814	7075.15	0.0131	P	3.4
3	☐	2500.000	2637.280	334097.60	0.6091	P	0.5
4	☐	6250.000	6578.908	841538.54	1.5184	P	0.3
5	☐	12500.000	13561.738	1760538.67	3.1293	A	1.6
6	☐	25000.000	26723.323	3447322.97	6.1656	A	0.6
7	☐	50000.000	51916.430	6952460.94	11.9775	A	3.3
8	☐	250000.00	249381.69	30078438.72	57.5313	A	1.5

$$y = 2.3069\text{E-}004 * x + 7.0711\text{E-}004$$

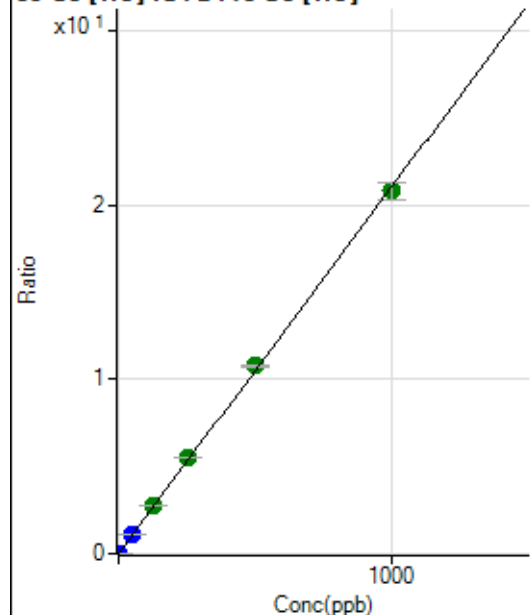
$$R = 1.0000$$

$$DL = 1.406$$

$$BEC = 3.065$$

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	172.22	0.0003	P	28.0
2	☐	1.000	1.051	12088.55	0.0224	P	2.0
3	☐	50.000	51.041	588912.36	1.0737	P	0.5
4	☐	125.000	132.094	1539677.16	2.7782	A	0.9
5	☐	250.000	261.667	3096080.93	5.5031	A	0.7
6	☐	500.000	512.448	6025392.41	10.7769	A	0.4
7	☐	1000.000	989.920	12079835.23	20.8179	A	4.5
8	☐			23989.16	0.0459	P	1.7

$$y = 0.0210 * x + 3.2111\text{E-}004$$

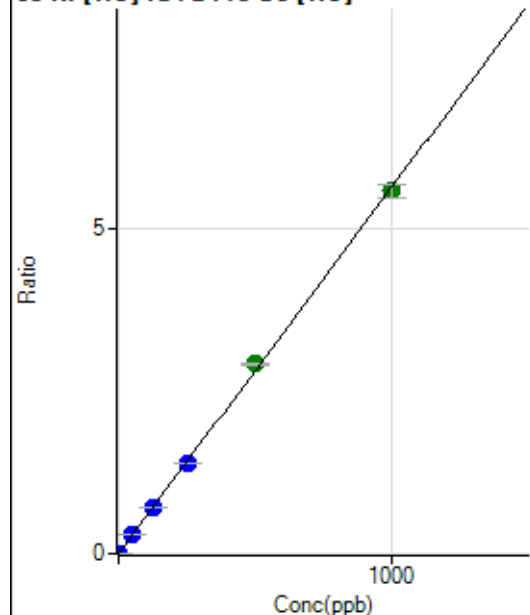
$$R = 0.9998$$

$$DL = 0.01284$$

$$BEC = 0.01527$$

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	545.57	0.0010	P	13.4
2	☐	1.000	0.993	3570.49	0.0066	P	3.4
3	☐	50.000	51.345	159410.56	0.2906	P	0.3
4	☐	125.000	126.330	395484.91	0.7136	P	0.4
5	☐	250.000	247.122	784790.26	1.3949	P	0.5
6	☐	500.000	519.374	1638516.23	2.9306	A	1.0
7	☐	1000.000	990.799	3243898.35	5.5896	A	4.0
8	☐			11495.84	0.0220	P	0.7

$$y = 0.0056 * x + 0.0010$$

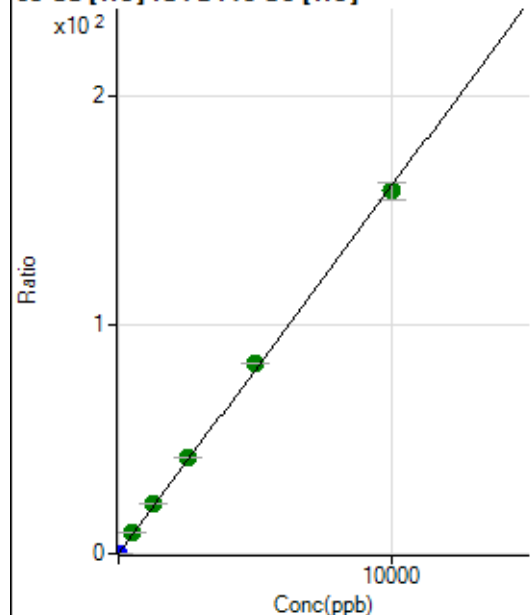
$$R = 0.9997$$

$$DL = 0.07241$$

$$BEC = 0.1805$$

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	4928.67	0.0092	P	4.1
2	☐	2.000	2.079	22981.98	0.0426	P	1.4
3	☐	500.000	553.729	4887644.06	8.9109	A	1.3
4	☐	1250.000	1353.355	12062857.46	21.7655	A	0.1
5	☐	2500.000	2626.755	23762467.42	42.2366	A	0.9
6	☐	5000.000	5164.847	46428380.98	83.0386	A	0.3
7	☐	10000.000	9870.282	92073401.96	158.6825	A	4.8
8	☐			28913.97	0.0553	P	0.2

$$y = 0.0161 * x + 0.0092$$

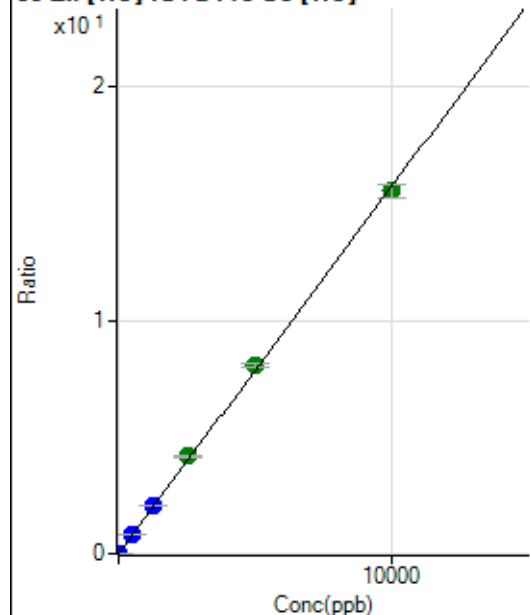
$$R = 0.9997$$

$$DL = 0.0703$$

$$BEC = 0.572$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1687.89	0.0031	P	2.1
2	☐	2.000	5.974	6758.33	0.0125	P	3.9
3	☐	500.000	520.565	450313.29	0.8210	P	0.3
4	☐	1250.000	1296.210	1130360.99	2.0396	P	0.4
5	☐	2500.000	2650.188	2344245.22	4.1668	A	0.9
6	☐	5000.000	5139.736	4516716.98	8.0780	A	1.6
7	☐	10000.000	9885.780	9015702.37	15.5344	A	3.9
8	☐			4262.91	0.0082	P	3.3

$$y = 0.0016 * x + 0.0031$$

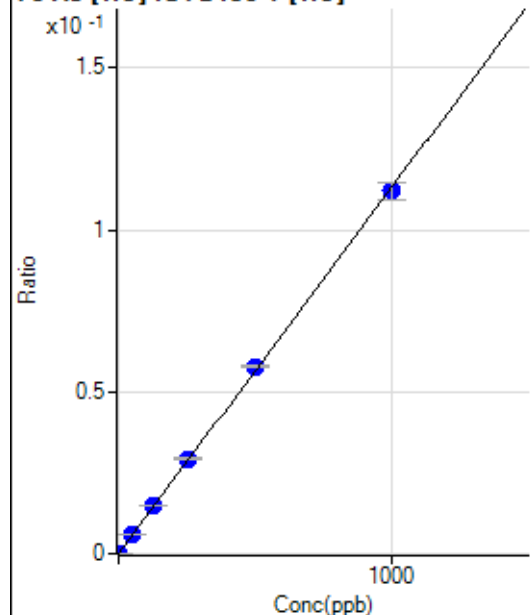
$$R = 0.9997$$

$$DL = 0.129$$

$$BEC = 2.004$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.9
2	☐	1.000	1.115	533.35	0.0001	P	7.7
3	☐	50.000	52.773	24823.04	0.0060	P	1.1
4	☐	125.000	130.642	62936.25	0.0148	P	0.4
5	☐	250.000	258.423	127062.14	0.0292	P	1.3
6	☐	500.000	511.703	251517.53	0.0579	P	0.6
7	☐	1000.000	991.199	504726.76	0.1121	P	4.5
8	☐			304.45	0.0001	P	9.7

$$y = 1.1307E-004 * x + 2.1608E-006$$

$$R = 0.9999$$

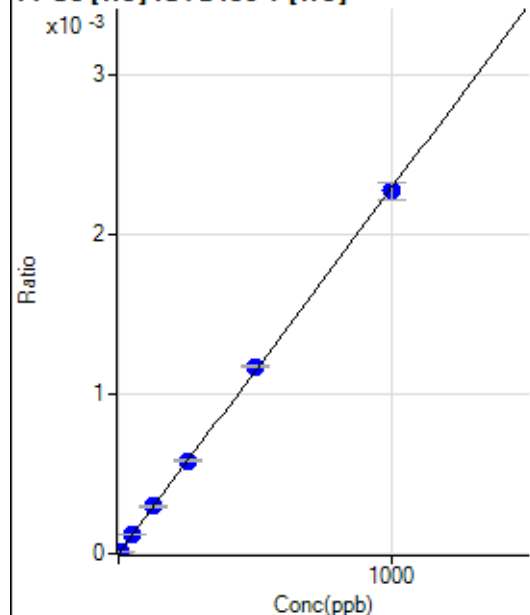
$$DL = 0.01254$$

$$BEC = 0.01911$$

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	2.22	0.0000	P	86.6
2	☐	5.000	3.720	37.78	0.0000	P	35.1
3	☐	50.000	50.599	484.46	0.0001	P	3.1
4	☐	125.000	130.956	1281.18	0.0003	P	3.6
5	☐	250.000	254.188	2535.81	0.0006	P	2.2
6	☐	500.000	511.129	5095.40	0.0012	P	1.1
7	☐	1000.000	992.621	10248.27	0.0023	P	4.8
8	☐			6.67	0.0000	P	86.6

$$y = 2.2922\text{E-}006 * x + 5.4026\text{E-}007$$

$$R = 0.9999$$

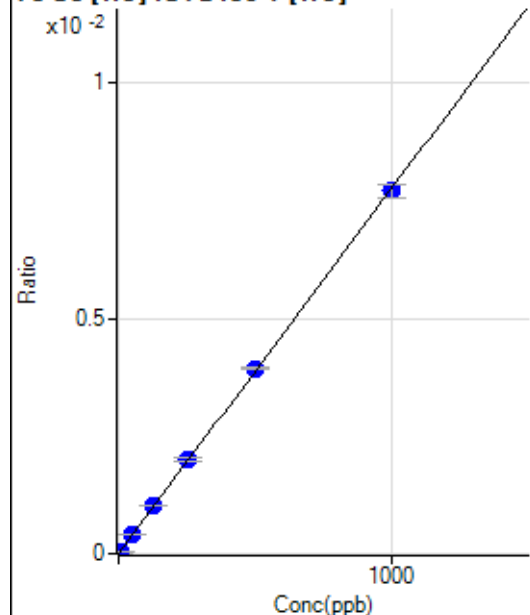
$$DL = 0.6124$$

$$BEC = 0.2357$$

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	13.33	0.0000	P	66.0
2	☐	5.000	4.573	161.11	0.0000	P	10.5
3	☐	50.000	53.746	1746.80	0.0004	P	3.0
4	☐	125.000	130.977	4339.61	0.0010	P	2.1
5	☐	250.000	257.656	8699.44	0.0020	P	2.9
6	☐	500.000	506.429	17082.67	0.0039	P	0.8
7	☐	1000.000	993.939	34723.95	0.0077	P	4.0
8	☐			25.55	0.0000	P	82.8

$$y = 7.7531\text{E-}006 * x + 3.2356\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.8267$$

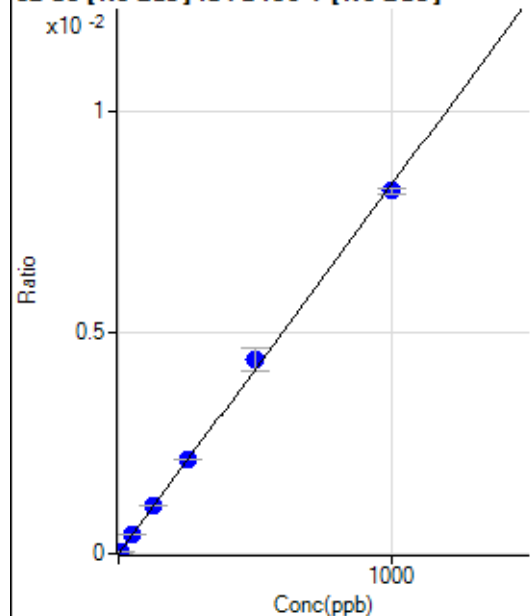
$$BEC = 0.4173$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20298.15		P	1.1
2	☐			19781.86		P	0.3
3	☐			19799.66		P	1.5
4	☐			19593.83		P	2.1
5	☐			20698.75		P	1.9
6	☐			21274.06		P	0.3
7	☐			21481.03		P	1.4
8	☐			20061.11		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-53.34	0.0000	P	-80.
2	☐	5.000	5.556	2094.66	0.0000	P	11.7
3	☐	50.000	52.683	20873.83	0.0004	P	0.7
4	☐	125.000	130.072	52528.83	0.0011	P	1.3
5	☐	250.000	256.258	105465.85	0.0021	P	1.0
6	☐	500.000	527.861	209876.57	0.0044	P	11.4
7	☐	1000.000	983.734	413860.98	0.0082	P	1.5
8	☐			57.78	0.0000	P	111.

$$y = 8.3218E-006 * x - 1.1095E-006$$

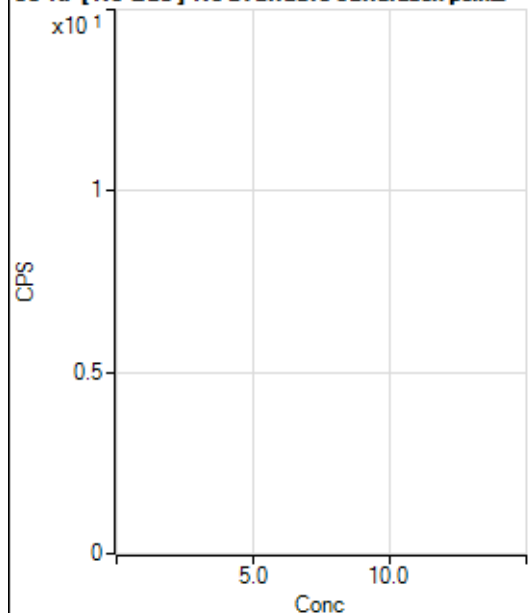
$$R = 0.9994$$

$$DL = 0.3226$$

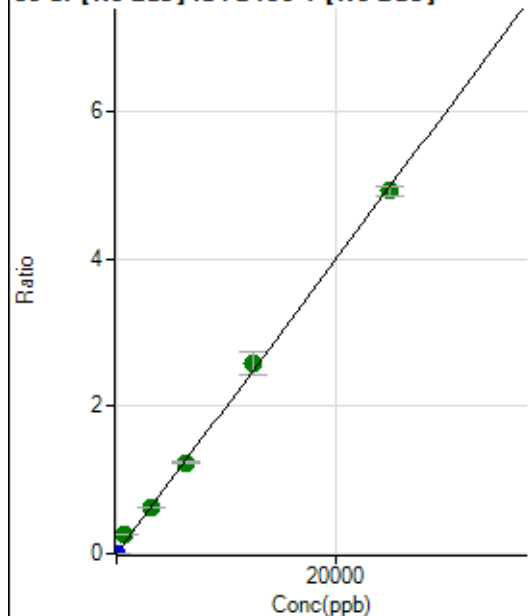
$$BEC = -0.1333$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			287.78		P	7.7
2	☐			266.67		P	9.4
3	☐			310.01		P	2.8
4	☐			285.56		P	2.9
5	☐			287.78		P	9.4
6	☐			424.46		P	4.3
7	☐			487.79		P	4.2
8	☐			476.68		P	7.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	505.57	0.0000	P	13.3
2	☐	1.000	0.988	9633.41	0.0002	P	7.9
3	☐	625.000	1269.539	12057899.27	0.2526	A	1.6
4	☐	3125.000	3146.859	30422037.33	0.6262	A	1.0
5	☐	6250.000	6201.734	61072741.31	1.2341	A	1.1
6	☐	12500.000	13009.401	123685780.38	2.5888	A	11.8
7	☐	25000.000	24738.520	248884922.96	4.9229	A	2.8
8	☐			31615.39	0.0008	P	7.5

$$y = 1.9900E-004 * x + 1.0517E-005$$

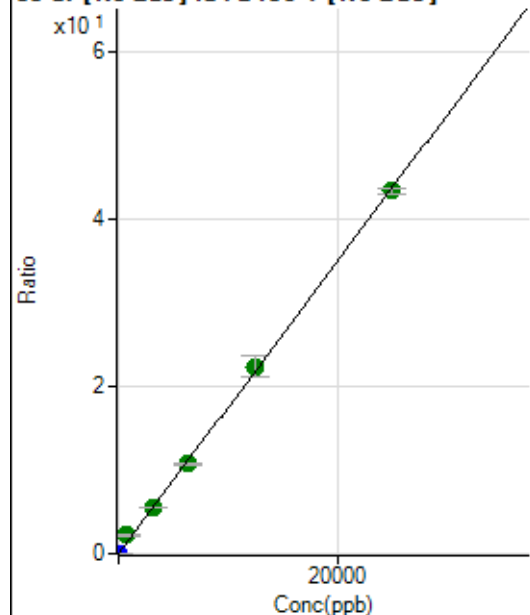
$$R = 0.9994$$

$$DL = 0.02106$$

$$BEC = 0.05285$$

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	1450.09	0.0000	P	5.0
2	☐	1.000	0.974	80378.33	0.0017	P	8.1
3	☐	625.000	1256.782	104601955.11	2.1916	A	1.3
4	☐	3125.000	3134.673	265534693.82	5.4663	A	1.5
5	☐	6250.000	6151.335	530786863.20	10.7267	A	0.8
6	☐	12500.000	12801.516	1066900366.3	22.3232	A	11.3
7	☐	25000.000	24856.905	2191602438.4	43.3453	A	1.5
8	☐			275829.56	0.0066	P	3.5

$$y = 0.0017 * x + 3.0170E-005$$

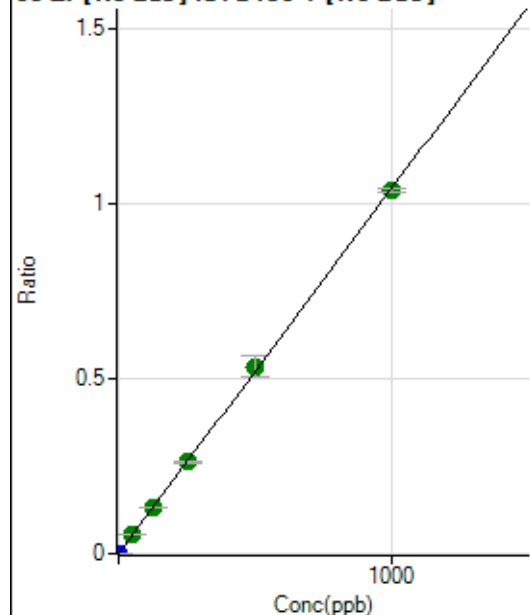
$$R = 0.9996$$

$$DL = 0.002584$$

$$BEC = 0.0173$$

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	2460.24	0.0001	P	2.3
2	☐	1.000	0.934	47671.04	0.0010	P	8.9
3	☐	50.000	51.235	2553723.12	0.0535	A	2.0
4	☐	125.000	125.509	6363753.38	0.1310	A	1.3
5	☐	250.000	250.249	12921949.25	0.2611	A	1.1
6	☐	500.000	511.968	25536861.84	0.5342	A	11.0
7	☐	1000.000	993.828	52430819.22	1.0369	A	1.2
8	☐			24888.02	0.0006	P	4.3

$$y = 0.0010 * x + 5.1203E-005$$

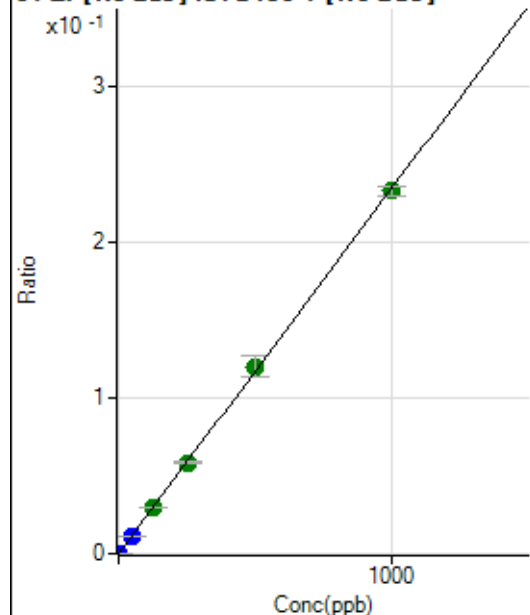
$$R = 0.9999$$

$$DL = 0.003318$$

$$BEC = 0.04908$$

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	376.68	0.0000	P	22.7
2	☐	1.000	0.937	10571.88	0.0002	P	8.9
3	☐	50.000	47.901	536389.30	0.0112	P	0.7
4	☐	125.000	125.157	1425805.03	0.0293	A	0.8
5	☐	250.000	249.074	2889663.47	0.0584	A	1.5
6	☐	500.000	512.601	5745455.75	0.1202	A	10.9
7	☐	1000.000	994.016	11782399.96	0.2330	A	2.4
8	☐			5502.26	0.0001	P	3.2

$$y = 2.3443\text{E-}004 * x + 7.8519\text{E-}006$$

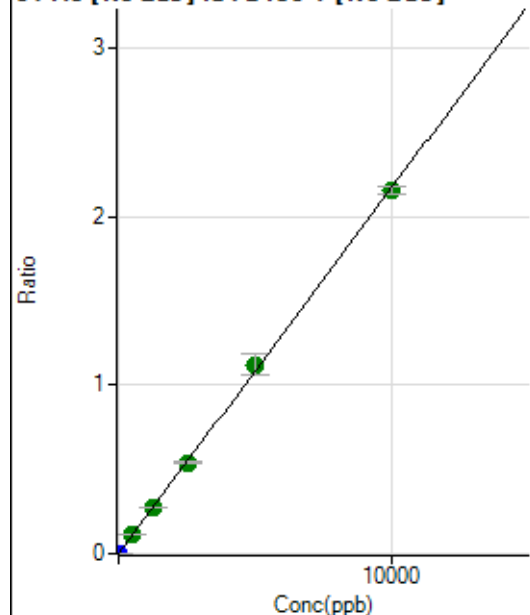
$$R = 0.9999$$

$$DL = 0.02279$$

$$BEC = 0.03349$$

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	711.14	0.0000	P	9.5
2	☐	5.000	5.386	55095.09	0.0012	P	7.2
3	☐	500.000	507.195	5257994.54	0.1102	A	1.1
4	☐	1250.000	1263.494	13330071.05	0.2744	A	0.9
5	☐	2500.000	2483.916	26691974.60	0.5394	A	1.3
6	☐	5000.000	5161.311	53577900.87	1.1209	A	11.1
7	☐	10000.000	9921.319	108933370.60	2.1545	A	2.0
8	☐			26171.66	0.0006	P	7.1

$$y = 2.1716\text{E-}004 * x + 1.4807\text{E-}005$$

$$R = 0.9998$$

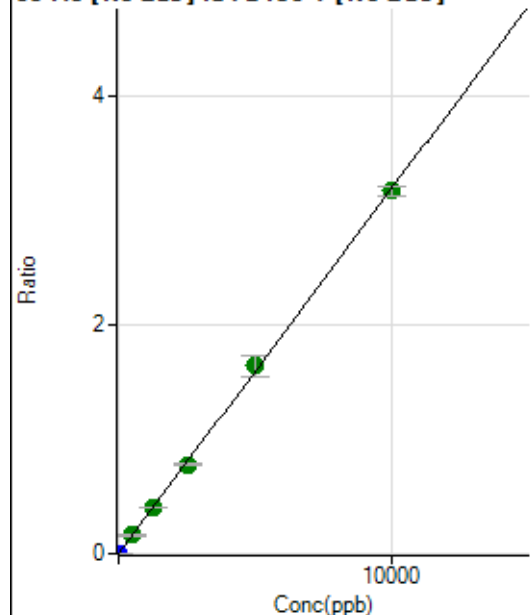
$$DL = 0.01938$$

$$BEC = 0.06819$$

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	160.00	0.0000	P	17.5
2	☐	5.000	4.472	66466.77	0.0014	P	7.8
3	☐	500.000	502.138	7643266.48	0.1601	A	1.2
4	☐	1250.000	1258.757	19500346.23	0.4014	A	1.6
5	☐	2500.000	2441.950	38535512.20	0.7788	A	1.2
6	☐	5000.000	5142.621	78404262.16	1.6400	A	10.9
7	☐	10000.000	9942.000	160300406.50	3.1706	A	2.8
8	☐			30123.33	0.0007	P	3.6

$$y = 3.1891\text{E-}004 * x + 3.3272\text{E-}006$$

$$R = 0.9998$$

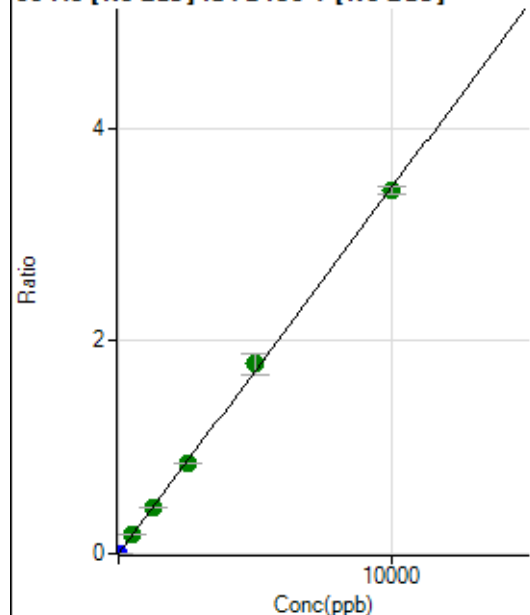
$$DL = 0.005481$$

$$BEC = 0.01043$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	343.34	0.0000	P	13.6
2	☐	5.000	4.594	73887.30	0.0016	P	7.8
3	☐	500.000	503.575	8275630.64	0.1734	A	1.3
4	☐	1250.000	1259.624	21069429.55	0.4337	A	0.5
5	☐	2500.000	2472.012	42117250.48	0.8511	A	0.3
6	☐	5000.000	5180.994	85248825.95	1.7838	A	11.4
7	☐	10000.000	9915.118	172599257.43	3.4138	A	2.0
8	☐			39323.86	0.0009	P	4.7

$$y = 3.4430\text{E-}004 * x + 7.1373\text{E-}006$$

$$R = 0.9998$$

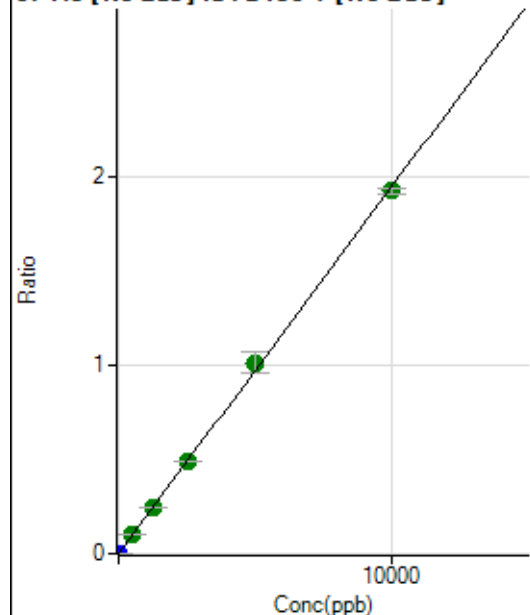
$$DL = 0.008459$$

$$BEC = 0.02073$$

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	100.00	0.0000	P	21.7
2	☐	5.000	4.501	40822.20	0.0009	P	9.3
3	☐	500.000	508.979	4730774.75	0.0991	A	0.4
4	☐	1250.000	1267.596	11991111.49	0.2468	A	0.2
5	☐	2500.000	2514.241	24225336.58	0.4896	A	0.4
6	☐	5000.000	5201.845	48425557.61	1.0129	A	10.8
7	☐	10000.000	9892.869	97396055.22	1.9263	A	1.5
8	☐			16966.43	0.0004	P	3.8

$$y = 1.9471\text{E-}004 * x + 2.0809\text{E-}006$$

$$R = 0.9997$$

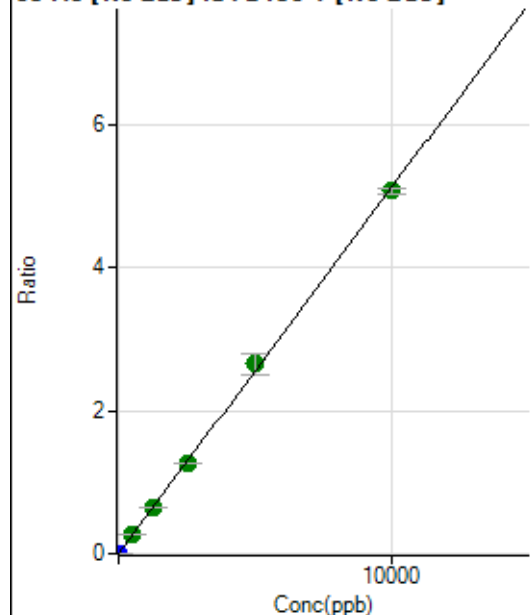
$$DL = 0.006946$$

$$BEC = 0.01069$$

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	263.34	0.0000	P	13.2
2	☐	5.000	4.467	106434.19	0.0023	P	7.4
3	☐	500.000	505.930	12343335.37	0.2586	A	0.3
4	☐	1250.000	1262.694	31351607.87	0.6454	A	0.9
5	☐	2500.000	2470.138	62470828.51	1.2625	A	1.1
6	☐	5000.000	5184.819	126638049.22	2.6499	A	11.4
7	☐	10000.000	9913.173	256170125.07	5.0666	A	1.6
8	☐			42146.11	0.0010	P	3.9

$$y = 5.1109\text{E-}004 * x + 5.4851\text{E-}006$$

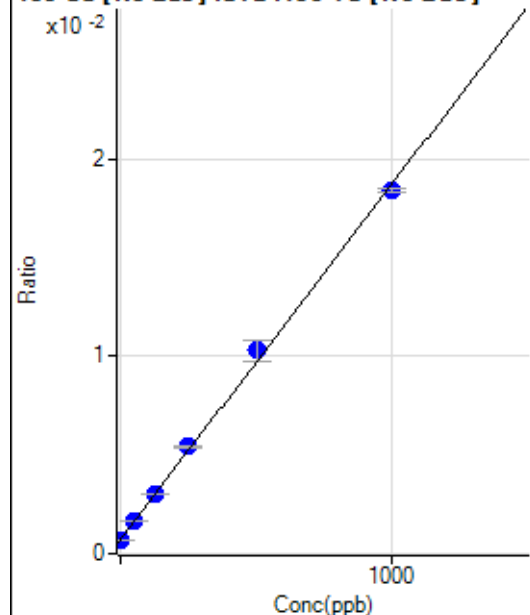
$$R = 0.9997$$

$$DL = 0.004251$$

$$BEC = 0.01073$$

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	31102.85	0.0007	P	1.6
2	☐	1.000	0.467	30565.88	0.0007	P	1.7
3	☐	50.000	53.434	72644.24	0.0017	P	1.9
4	☐	125.000	128.598	135744.38	0.0030	P	1.9
5	☐	250.000	261.232	244998.51	0.0054	P	1.1
6	☐	500.000	532.657	451624.62	0.0103	P	10.2
7	☐	1000.000	980.242	855488.39	0.0184	P	1.1
8	☐			25521.46	0.0007	P	0.7

$$y = 1.8057\text{E-}005 * x + 7.0186\text{E-}004$$

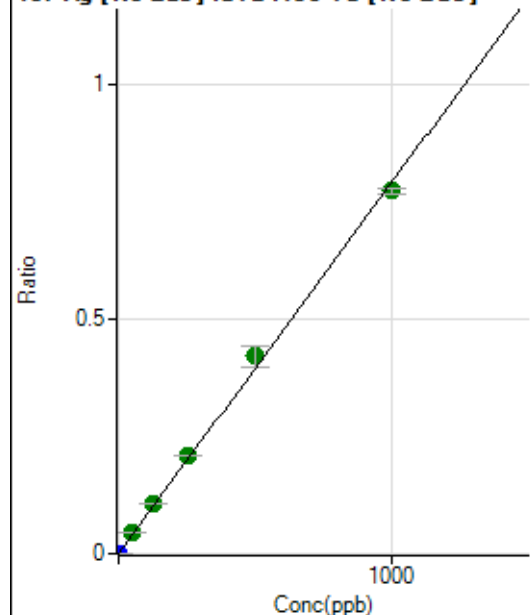
$$R = 0.9991$$

$$DL = 1.822$$

$$BEC = 38.87$$

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	383.34	0.0000	P	9.9
2	☐	1.000	1.028	35216.01	0.0008	P	8.1
3	☐	50.000	56.929	1962173.22	0.0450	A	2.0
4	☐	125.000	136.325	4839358.16	0.1078	A	0.9
5	☐	250.000	265.421	9488942.43	0.2099	A	0.4
6	☐	500.000	532.373	18413723.20	0.4209	A	10.7
7	☐	1000.000	978.196	35955574.46	0.7734	A	1.7
8	☐			3014.82	0.0001	P	12.4

$$y = 7.9064\text{E-}004 * x + 8.6370\text{E-}006$$

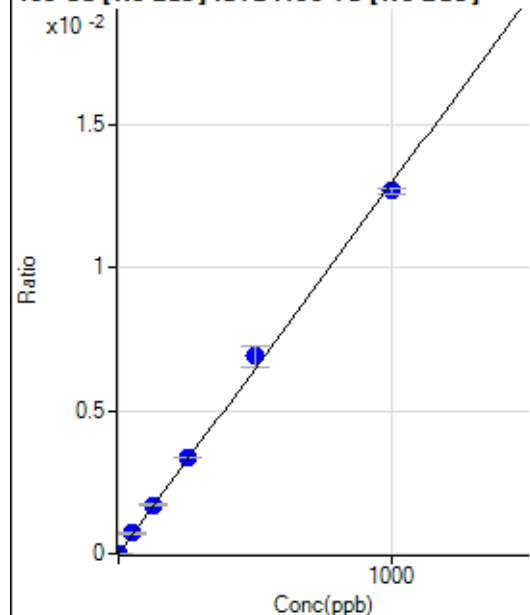
$$R = 0.9991$$

$$DL = 0.00324$$

$$BEC = 0.01092$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.22	0.0000	P	2.1
2	☐	1.000	0.997	611.13	0.0000	P	14.2
3	☐	50.000	54.677	30874.56	0.0007	P	1.9
4	☐	125.000	132.267	76842.47	0.0017	P	0.3
5	☐	250.000	260.596	152407.54	0.0034	P	1.0
6	☐	500.000	533.049	301568.08	0.0069	P	10.6
7	☐	1000.000	979.684	588901.64	0.0127	P	1.5
8	☐			345.56	0.0000	P	13.5

$$y = 1.2929\text{E-}005 * x + 1.4037\text{E-}006$$

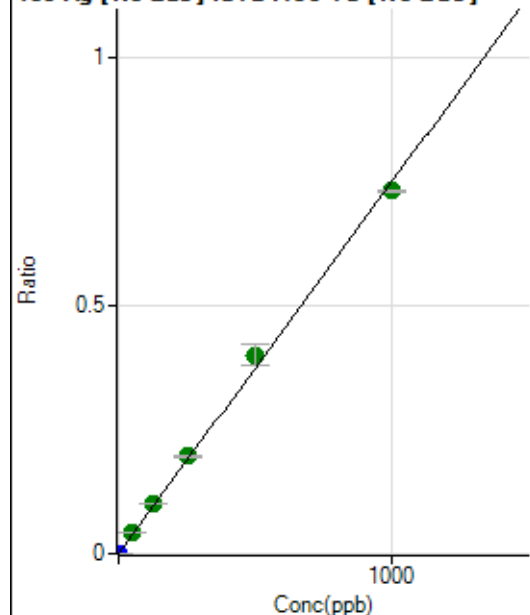
$$R = 0.9991$$

$$DL = 0.006872$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.33	0.0000	P	28.1
2	☐	1.000	1.032	33240.01	0.0008	P	7.8
3	☐	50.000	56.088	1830186.22	0.0420	A	2.2
4	☐	125.000	135.510	4553723.20	0.1014	A	1.7
5	☐	250.000	263.982	8934486.33	0.1976	A	2.0
6	☐	500.000	535.466	17527022.66	0.4008	A	11.4
7	☐	1000.000	977.154	34007779.49	0.7315	A	0.3
8	☐			2742.59	0.0001	P	15.3

$$y = 7.4857\text{E-}004 * x + 2.5532\text{E-}006$$

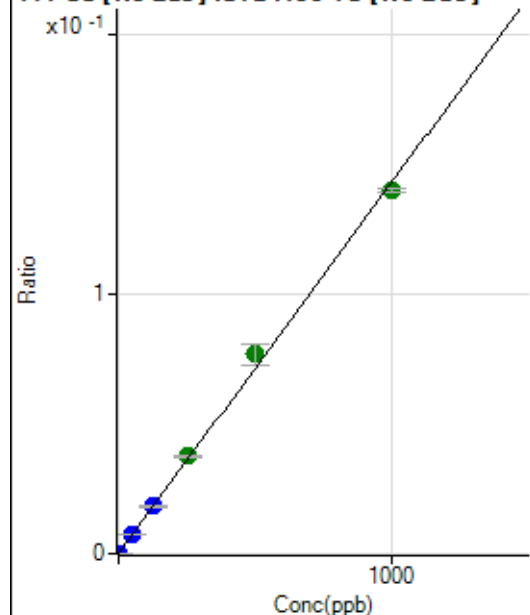
$$R = 0.9989$$

$$DL = 0.002875$$

$$BEC = 0.003411$$

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	3081.18	0.0001	P	1.7
2	☐	1.000	1.053	9444.99	0.0002	P	6.7
3	☐	50.000	52.214	328375.49	0.0075	P	1.0
4	☐	125.000	127.145	818987.32	0.0182	P	1.3
5	☐	250.000	261.474	1692918.47	0.0374	A	1.1
6	☐	500.000	537.701	3365906.49	0.0769	A	10.5
7	☐	1000.000	977.902	6501757.24	0.1398	A	1.0
8	☐			3758.12	0.0001	P	3.6

$$y = 1.4294\text{E-}004 * x + 6.9531\text{E-}005$$

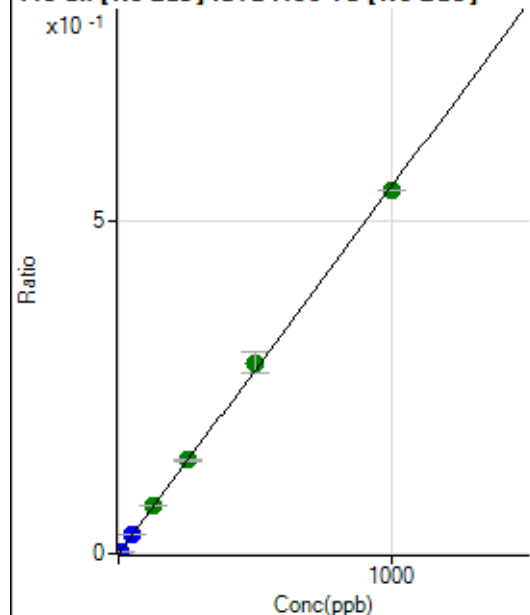
$$R = 0.9988$$

$$DL = 0.02537$$

$$BEC = 0.4864$$

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	3851.02	0.0001	P	12.3
2	☐	5.000	4.957	120725.26	0.0028	P	8.3
3	☐	50.000	51.357	1235932.69	0.0284	P	1.2
4	☐	125.000	130.402	3226024.15	0.0719	A	1.0
5	☐	250.000	253.937	6323192.41	0.1399	A	0.5
6	☐	500.000	520.044	12526260.23	0.2863	A	10.6
7	☐	1000.000	988.251	25292633.23	0.5440	A	0.2
8	☐			22287.12	0.0006	P	0.9

$$y = 5.5039\text{E-}004 * x + 8.6914\text{E-}005$$

$$R = 0.9997$$

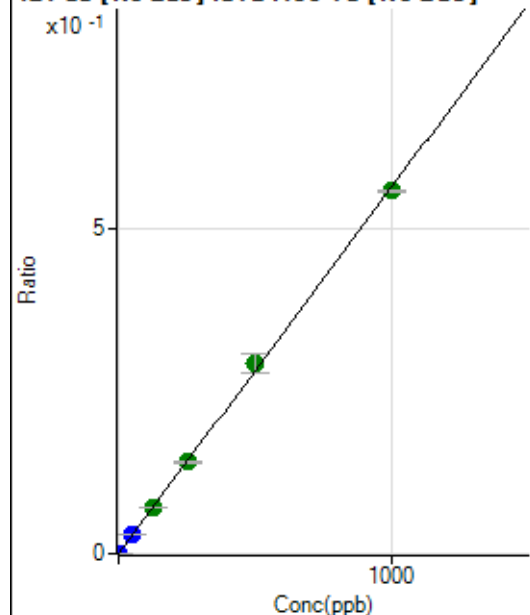
$$DL = 0.05836$$

$$BEC = 0.1579$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.23	0.0000	P	3.3
2	☐	2.000	1.994	48212.38	0.0011	P	7.7
3	☐	50.000	50.307	1233140.03	0.0283	P	1.2
4	☐	125.000	127.360	3215508.95	0.0716	A	0.4
5	☐	250.000	249.525	6344091.57	0.1403	A	0.7
6	☐	500.000	519.075	12770009.39	0.2919	A	10.5
7	☐	1000.000	990.271	25886859.34	0.5568	A	0.6
8	☐			13387.86	0.0004	P	14.2

$$y = 5.6228\text{E-}004 * x + 2.9832\text{E-}006$$

$$R = 0.9997$$

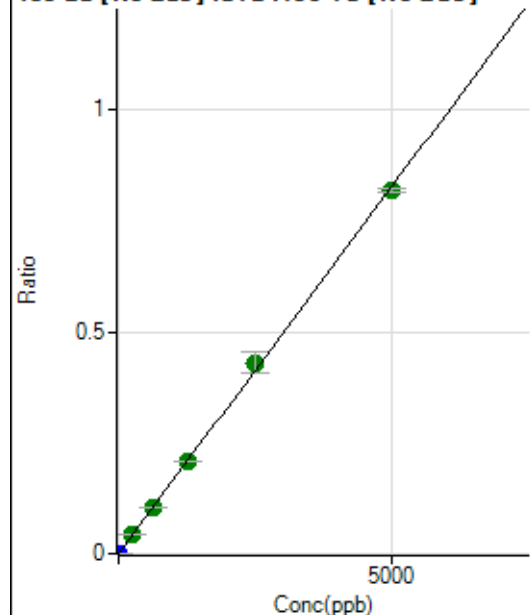
$$DL = 0.000528$$

$$BEC = 0.005306$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	443.34	0.0000	P	19.4
2	☐	10.000	9.658	68932.08	0.0016	P	8.1
3	☐	250.000	262.818	1894635.62	0.0435	A	3.2
4	☐	625.000	630.996	4686267.05	0.1044	A	1.5
5	☐	1250.000	1253.551	9373800.83	0.2073	A	1.1
6	☐	2500.000	2600.275	18808128.89	0.4300	A	11.0
7	☐	5000.000	4947.585	38040023.32	0.8182	A	1.1
8	☐			12851.76	0.0003	P	2.3

$$y = 1.6538\text{E-}004 * x + 1.0020\text{E-}005$$

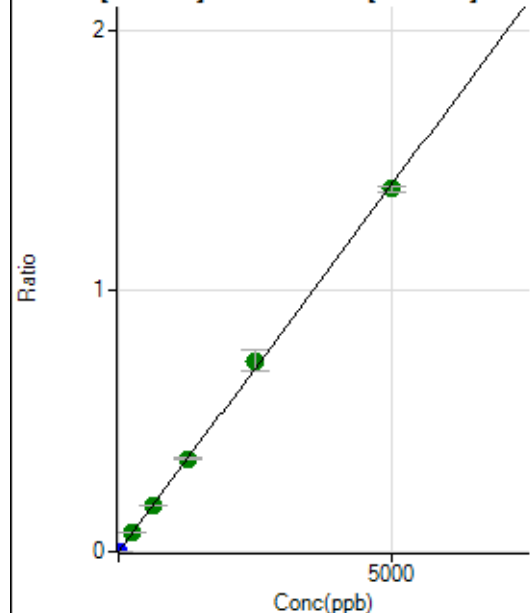
$$R = 0.9997$$

$$DL = 0.03518$$

$$BEC = 0.06059$$

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	732.25	0.0000	P	7.7
2	☐	10.000	9.868	119839.53	0.0028	P	8.5
3	☐	250.000	265.286	3256541.38	0.0747	A	1.4
4	☐	625.000	635.267	8031618.63	0.1789	A	1.9
5	☐	1250.000	1261.639	16060797.95	0.3552	A	1.5
6	☐	2500.000	2600.538	32030634.24	0.7322	A	10.7
7	☐	5000.000	4944.774	64722920.15	1.3923	A	1.4
8	☐			21791.07	0.0006	P	3.8

$$y = 2.8156E-004 * x + 1.6537E-005$$

$$R = 0.9997$$

$$DL = 0.01363$$

$$BEC = 0.05873$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			32.22		P	29.8
2	☐			50.00		P	23.1
3	☐			292.23		P	5.4
4	☐			711.14		P	13.3
5	☐			1376.75		P	2.6
6	☐			2801.44		P	2.6
7	☐			5689.04		P	1.9
8	☐			576.69		P	10.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	62.5
2	☐			11.11		P	45.8
3	☐			21.11		P	65.7
4	☐			54.45		P	41.7
5	☐			66.66		P	17.3
6	☐			123.34		P	19.5
7	☐			247.78		P	14.5
8	☐			156.67		P	18.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2216.87		P	3.7
2	☐			2211.32		P	2.3
3	☐			2077.96		P	7.9
4	☐			1914.61		P	4.4
5	☐			1930.16		P	4.4
6	☐			2278.00		P	1.9
7	☐			2809.21		P	1.9
8	☐			2759.20		P	12.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.33		P	7.1
2	☐			108.89		P	20.8
3	☐			115.56		P	8.8
4	☐			141.11		P	17.4
5	☐			172.22		P	9.1
6	☐			323.34		P	10.8
7	☐			534.46		P	4.1
8	☐			504.46		P	5.4

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			592.24		P	12.7
2	☐			586.69		P	12.5
3	☐			607.80		P	6.2
4	☐			562.24		P	8.9
5	☐			678.92		P	5.2
6	☐			700.02		P	8.3
7	☐			862.26		P	0.2
8	☐			1383.42		P	6.5

160 Gd [He] No available calibration points

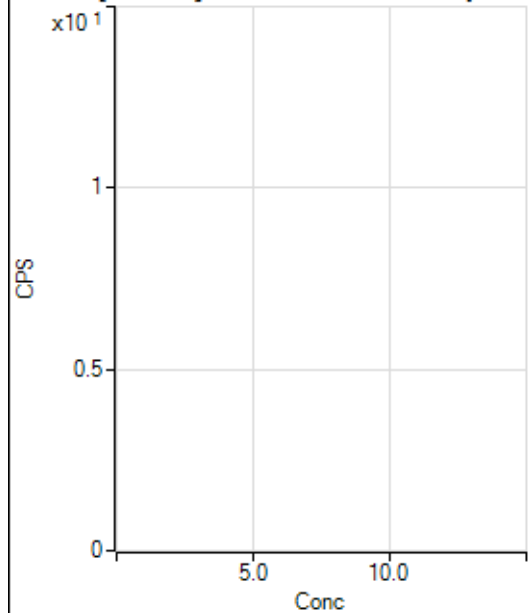
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			624.47		P	4.8
2	☐			595.58		P	14.8
3	☐			675.58		P	8.8
4	☐			642.25		P	2.9
5	☐			686.69		P	6.2
6	☐			697.81		P	5.7
7	☐			785.59		P	9.4
8	☐			1046.72		P	5.1

164 Er [No Gas] No available calibration points

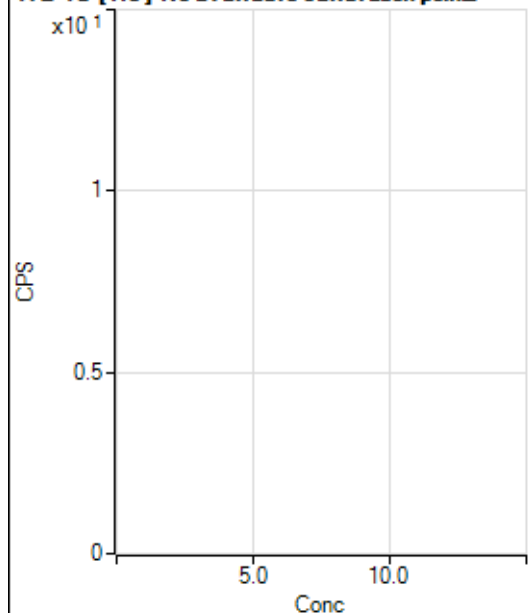
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			313.34		P	2.8
2	☐			315.56		P	21.4
3	☐			311.12		P	10.4
4	☐			358.90		P	8.8
5	☐			372.23		P	2.6
6	☐			461.12		P	13.1
7	☐			647.80		P	5.5
8	☐			1100.06		P	5.6

164 Er [He] No available calibration points

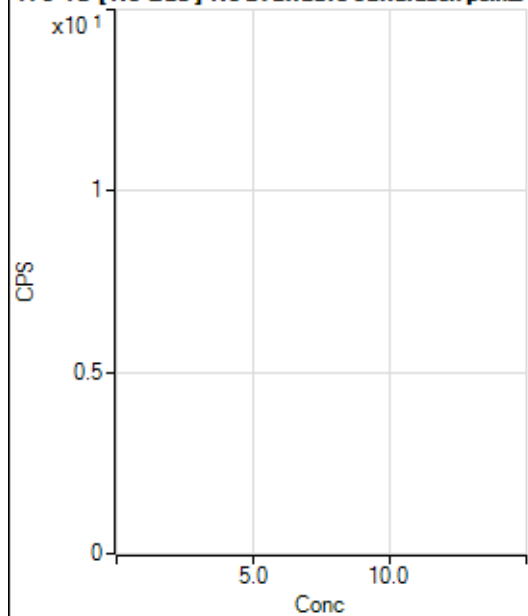
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	13.7
2	☐			117.78		P	3.3
3	☐			94.44		P	14.7
4	☐			123.33		P	12.4
5	☐			141.12		P	16.1
6	☐			163.34		P	5.4
7	☐			190.00		P	16.7
8	☐			405.56		P	9.6

172 Yb [No Gas] No available calibration points

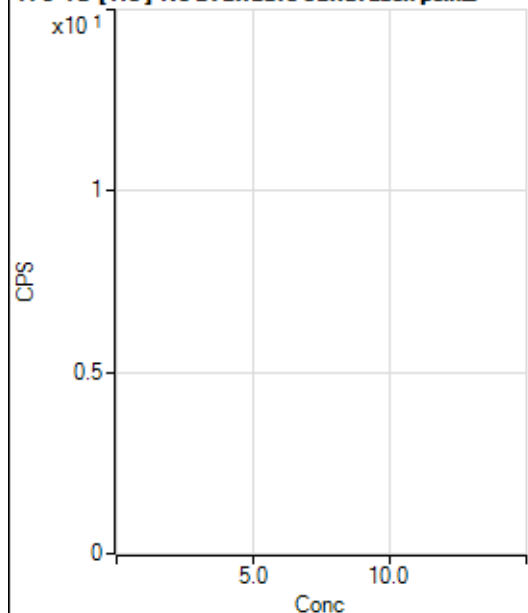
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			292.23		P	5.7
2	☐			283.34		P	7.3
3	☐			286.67		P	13.2
4	☐			308.89		P	8.7
5	☐			392.23		P	13.6
6	☐			476.68		P	8.2
7	☐			640.02		P	14.3
8	☐			1434.54		P	3.5

172 Yb [He] No available calibration points

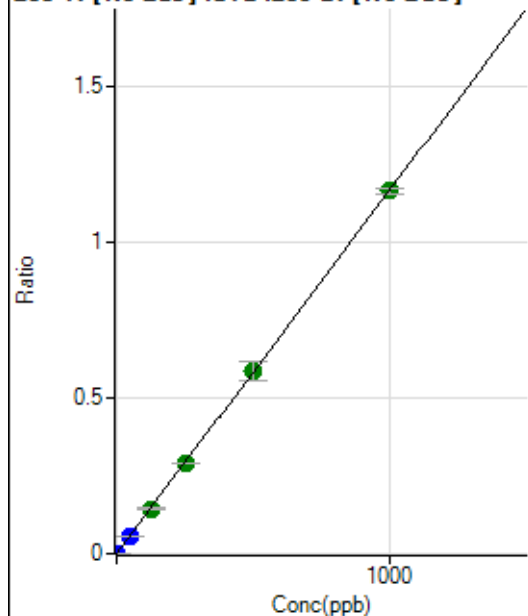
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	9.0
2	☐			100.00		P	11.5
3	☐			125.56		P	17.1
4	☐			135.56		P	13.5
5	☐			163.34		P	10.6
6	☐			205.56		P	6.8
7	☐			242.23		P	10.3
8	☐			642.24		P	18.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12516.03		P	2.4
2	☐			11848.86		P	6.8
3	☐			18831.24		P	1.5
4	☐			29211.18		P	1.0
5	☐			46533.93		P	1.2
6	☐			81212.28		P	2.2
7	☐			150487.04		P	0.3
8	☐			10850.10		P	1.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			53753.30		P	1.8
2	☐			54269.78		P	0.9
3	☐			56925.36		P	0.3
4	☐			60641.75		P	1.4
5	☐			67772.69		P	0.6
6	☐			79869.67		P	1.5
7	☐			106503.50		P	2.5
8	☐			51765.43		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0000	P	12.4
2	☐	1.000	0.938	29278.53	0.0011	P	8.8
3	☐	50.000	48.085	1529329.54	0.0562	P	1.5
4	☐	125.000	123.785	3907576.68	0.1447	A	1.0
5	☐	250.000	247.341	7766679.46	0.2890	A	0.5
6	☐	500.000	504.474	15120529.50	0.5895	A	10.2
7	☐	1000.000	998.675	30449972.32	1.1670	A	1.7
8	☐			3364.95	0.0002	P	17.8

$$y = 0.0012 * x + 7.0917E-006$$

$$R = 1.0000$$

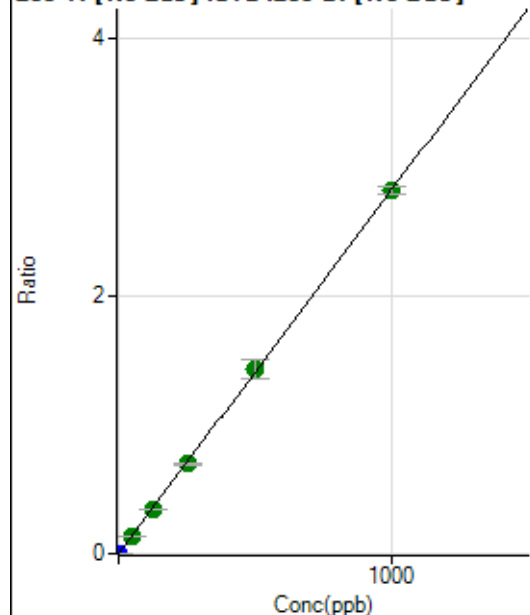
$$DL = 0.002258$$

$$BEC = 0.006069$$

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	451.13	0.0000	P	4.6
2	☐	1.000	0.956	71895.39	0.0027	P	9.0
3	☐	50.000	49.405	3789350.22	0.1392	A	1.2
4	☐	125.000	120.449	9168380.90	0.3394	A	1.4
5	☐	250.000	246.091	18633401.11	0.6934	A	0.8
6	☐	500.000	507.534	36677141.68	1.4301	A	10.3
7	☐	1000.000	997.809	73354885.02	2.8115	A	2.1
8	☐			7997.09	0.0004	P	8.3

$$y = 0.0028 * x + 1.6274E-005$$

$$R = 0.9999$$

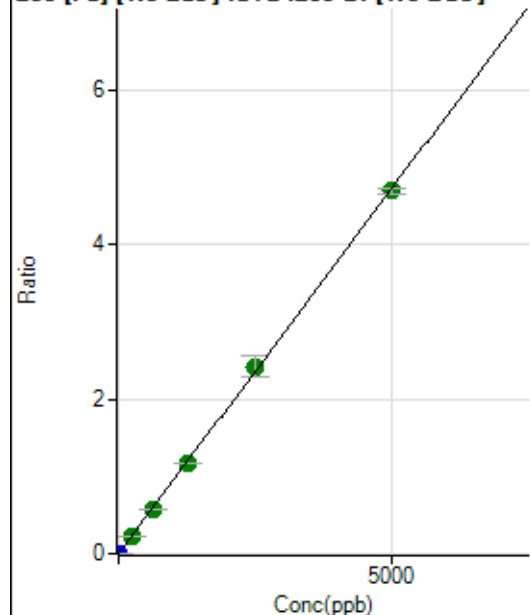
$$DL = 0.0007951$$

$$BEC = 0.005776$$

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	796.70	0.0000	P	0.9
2	☐	1.000	0.954	24706.93	0.0009	P	9.1
3	☐	250.000	246.520	6344179.49	0.2331	A	0.8
4	☐	625.000	616.133	15736159.77	0.5825	A	0.8
5	☐	1250.000	1237.070	31427623.14	1.1696	A	0.6
6	☐	2500.000	2562.887	62118186.85	2.4230	A	10.9
7	☐	5000.000	4973.071	122675909.28	4.7016	A	1.7
8	☐			22915.06	0.0012	P	1.9

$$y = 9.4541E-004 * x + 2.8748E-005$$

$$R = 0.9999$$

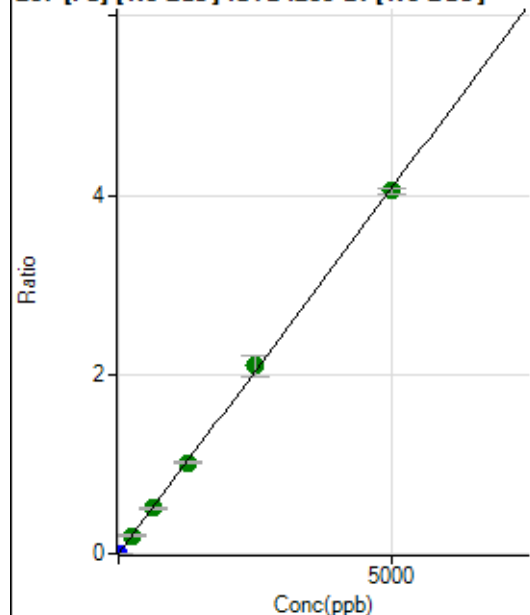
$$DL = 0.0008273$$

$$BEC = 0.03041$$

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	627.80	0.0000	P	7.0
2	☐	1.000	0.972	21630.37	0.0008	P	9.9
3	☐	250.000	249.680	5540711.93	0.2037	A	3.0
4	☐	625.000	623.720	13741139.10	0.5087	A	1.7
5	☐	1250.000	1247.617	27343561.82	1.0175	A	2.1
6	☐	2500.000	2571.565	53754094.20	2.0973	A	11.3
7	☐	5000.000	4964.989	105651168.42	4.0492	A	1.9
8	☐			19516.00	0.0010	P	2.2

$$y = 8.1555E-004 * x + 2.2644E-005$$

$$R = 0.9998$$

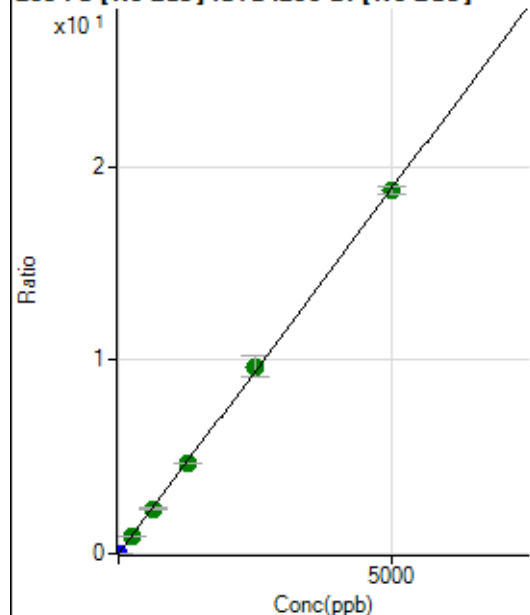
$$DL = 0.005834$$

$$BEC = 0.02776$$

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	2997.95	0.0001	P	5.9
2	☐	1.000	0.967	99677.56	0.0038	P	9.1
3	☐	250.000	247.969	25449056.77	0.9351	A	1.6
4	☐	625.000	616.955	62846930.32	2.3265	A	0.9
5	☐	1250.000	1237.551	125404697.30	4.6667	A	0.7
6	☐	2500.000	2564.562	247892692.41	9.6706	A	11.1
7	☐	5000.000	4971.938	489164271.60	18.7483	A	2.0
8	☐			91494.69	0.0047	P	2.3

$$y = 0.0038 * x + 1.0820E-004$$

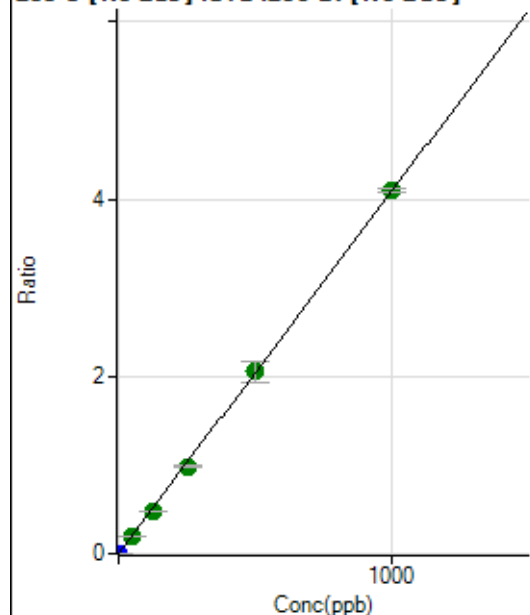
$$R = 0.9999$$

$$DL = 0.005113$$

$$BEC = 0.02869$$

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	82.22	0.0000	P	15.2
2	☐	1.000	0.905	98132.73	0.0037	P	9.4
3	☐	50.000	47.803	5316857.66	0.1953	A	0.7
4	☐	125.000	118.542	13084226.47	0.4844	A	0.5
5	☐	250.000	240.714	26430702.39	0.9835	A	0.9
6	☐	500.000	502.856	52663626.44	2.0546	A	11.2
7	☐	1000.000	1001.811	106813238.41	4.0933	A	1.2
8	☐			4329.01	0.0002	P	23.3

$$y = 0.0041 * x + 2.9667E-006$$

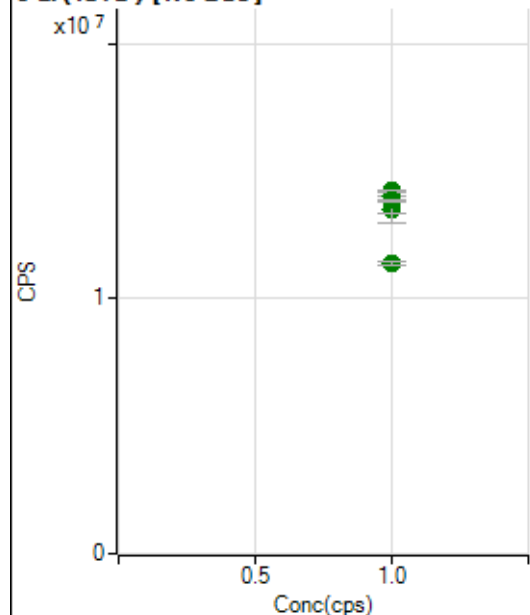
$$R = 0.9999$$

$$DL = 0.0003308$$

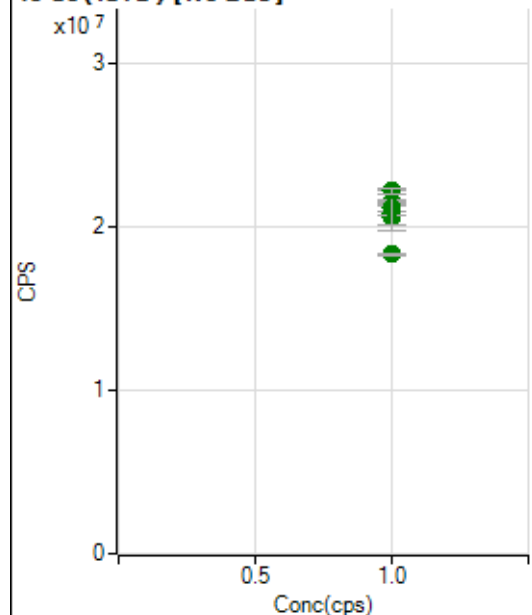
$$BEC = 0.0007261$$

Weight: <None>

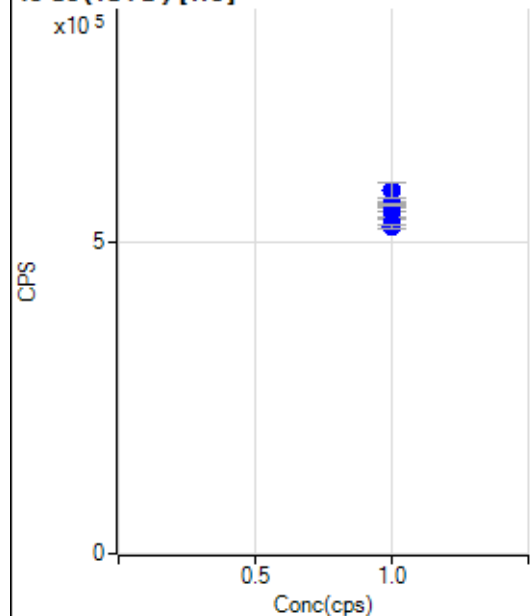
Min Conc: 0

6 Li (ISTD) [No Gas]

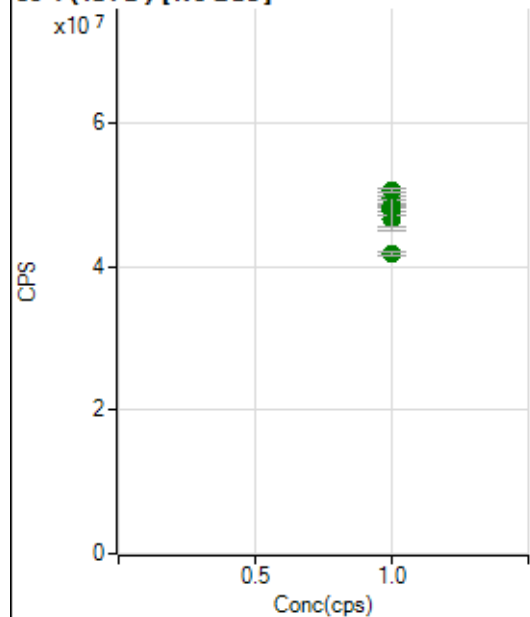
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		13994612.05		A	2.1
2	☐	1.000		13508468.75		A	7.7
3	☐	1.000		13999404.47		A	0.1
4	☐	1.000		14216569.83		A	0.5
5	☐	1.000		14001508.48		A	1.9
6	☐	1.000		13793813.19		A	7.0
7	☐	1.000		13836430.47		A	0.7
8	☐	1.000		11386620.34		A	1.4

45 Sc (ISTD) [No Gas]

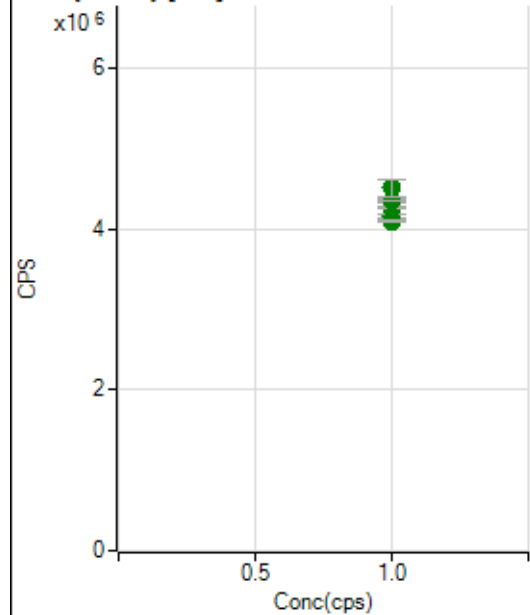
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21213161.21		A	1.9
2	☐	1.000		20653260.25		A	8.5
3	☐	1.000		20800021.50		A	1.0
4	☐	1.000		21304911.07		A	0.3
5	☐	1.000		21558509.12		A	0.4
6	☐	1.000		21191304.96		A	10.1
7	☐	1.000		22209294.11		A	1.5
8	☐	1.000		18344279.31		A	0.8

45 Sc (ISTD) [He]

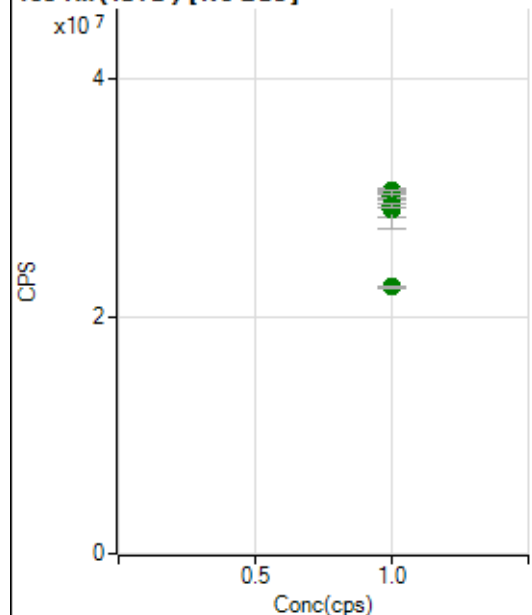
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		536024.57		P	0.4
2	☐	1.000		539195.68		P	0.1
3	☐	1.000		548499.20		P	0.2
4	☐	1.000		554216.82		P	0.5
5	☐	1.000		562611.28		P	0.5
6	☐	1.000		559111.83		P	0.5
7	☐	1.000		580976.16		P	4.1
8	☐	1.000		522874.06		P	1.1

89 Y (ISTD) [No Gas]

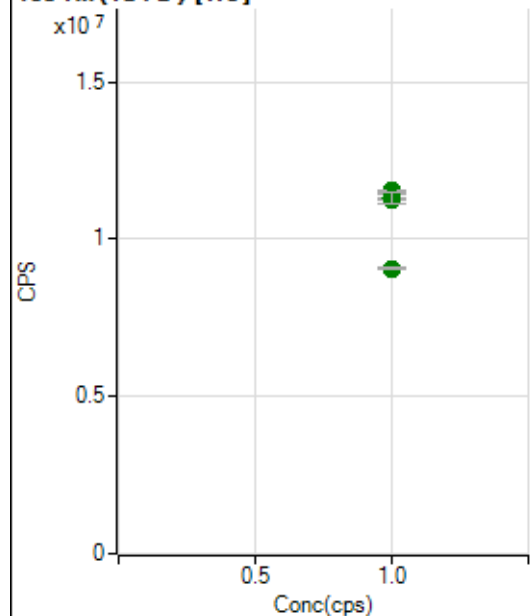
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		48056219.84		A	1.2
2	☐	1.000		46684319.03		A	7.6
3	☐	1.000		47736004.85		A	1.9
4	☐	1.000		48582700.95		A	1.2
5	☐	1.000		49484839.26		A	1.1
6	☐	1.000		48199584.00		A	11.2
7	☐	1.000		50567146.47		A	1.2
8	☐	1.000		41736645.21		A	1.0

89 Y (ISTD) [He]

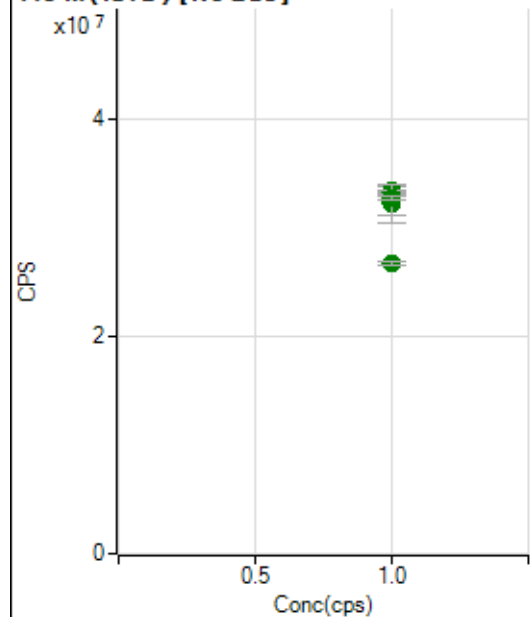
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4115913.34		A	0.3
2	☐	1.000		4161335.81		A	1.2
3	☐	1.000		4158944.24		A	1.6
4	☐	1.000		4260120.84		A	0.4
5	☐	1.000		4348590.70		A	0.9
6	☐	1.000		4347120.25		A	0.2
7	☐	1.000		4509622.05		A	4.6
8	☐	1.000		4091171.29		A	0.6

103 Rh (ISTD) [No Gas]

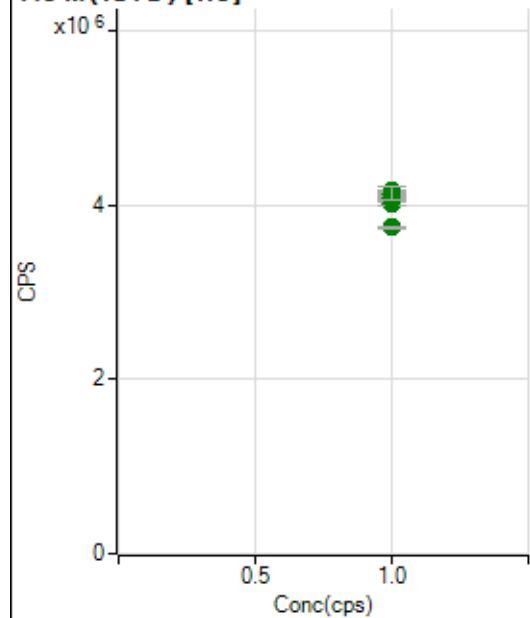
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		30585861.77		A	1.0
2	☐	1.000		29581427.06		A	8.6
3	☐	1.000		30235580.38		A	2.0
4	☐	1.000		29972467.33		A	0.5
5	☐	1.000		30198028.99		A	1.0
6	☐	1.000		29064522.07		A	11.2
7	☐	1.000		29378754.01		A	1.0
8	☐	1.000		22465889.67		A	0.5

103 Rh (ISTD) [He]

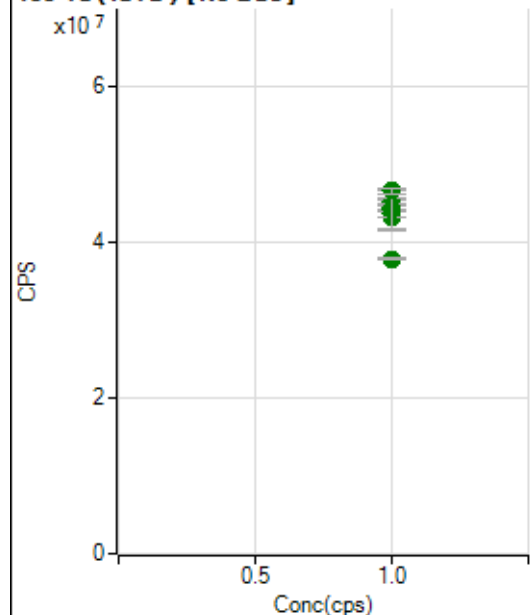
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11436151.91		A	0.6
2	☐	1.000		11523246.08		A	0.8
3	☐	1.000		11529395.10		A	0.6
4	☐	1.000		11503030.38		A	0.9
5	☐	1.000		11533129.13		A	0.3
6	☐	1.000		11278002.33		A	1.0
7	☐	1.000		11306421.22		A	3.6
8	☐	1.000		9071487.92		A	0.6

115 In (ISTD) [No Gas]

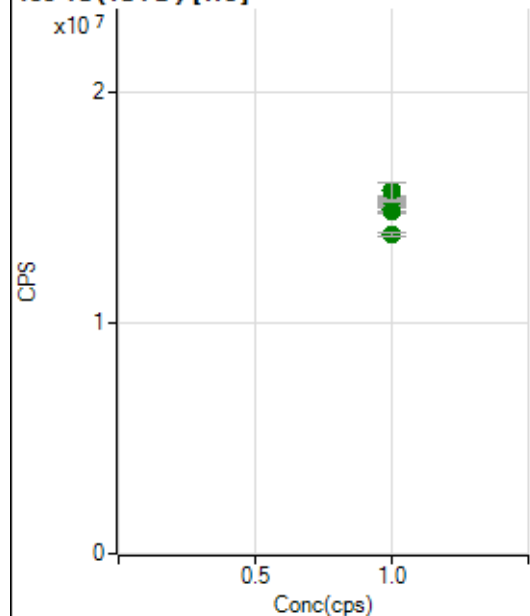
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		33362756.07		A	0.8
2	☐	1.000		32453764.03		A	8.0
3	☐	1.000		32864790.86		A	1.9
4	☐	1.000		33411921.62		A	0.4
5	☐	1.000		33229430.96		A	1.1
6	☐	1.000		32244918.06		A	11.1
7	☐	1.000		32763249.69		A	0.9
8	☐	1.000		26739842.67		A	1.1

115 In (ISTD) [He]

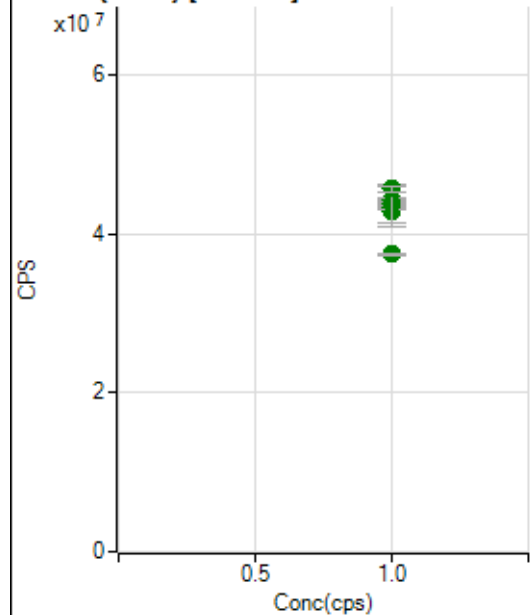
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4007492.36		A	1.2
2	☐	1.000		4067745.53		A	1.4
3	☐	1.000		4086544.95		A	1.3
4	☐	1.000		4058338.66		A	1.4
5	☐	1.000		4159534.84		A	0.8
6	☐	1.000		4077607.41		A	0.7
7	☐	1.000		4133442.59		A	3.7
8	☐	1.000		3740048.67		A	1.0

159 Tb (ISTD) [No Gas]

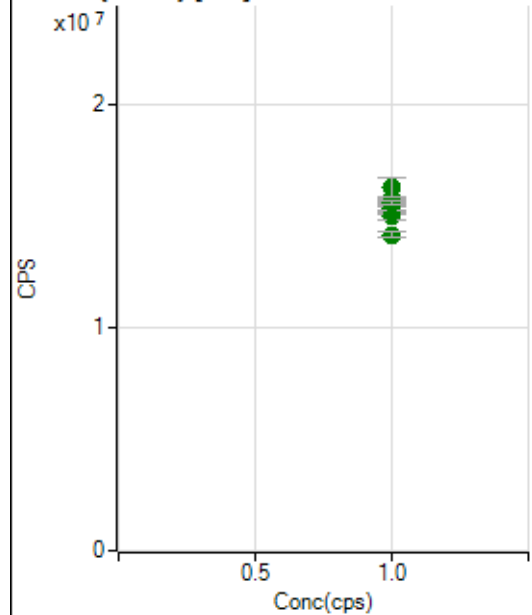
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		44324149.62		A	2.0
2	☐	1.000		43071040.19		A	7.9
3	☐	1.000		43597513.52		A	2.1
4	☐	1.000		44898669.89		A	1.7
5	☐	1.000		45215560.44		A	1.3
6	☐	1.000		44084598.23		A	10.8
7	☐	1.000		46493409.31		A	1.3
8	☐	1.000		37786276.10		A	0.5

159 Tb (ISTD) [He]

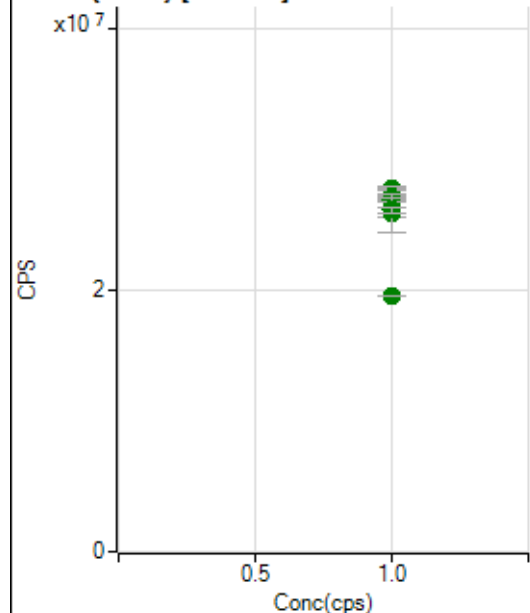
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14819816.17		A	0.1
2	☐	1.000		14959192.42		A	1.3
3	☐	1.000		15047594.91		A	0.7
4	☐	1.000		15150193.94		A	0.3
5	☐	1.000		15454921.16		A	0.4
6	☐	1.000		15364492.82		A	1.0
7	☐	1.000		15745772.68		A	4.5
8	☐	1.000		13819952.99		A	1.2

165 Ho (ISTD) [No Gas]

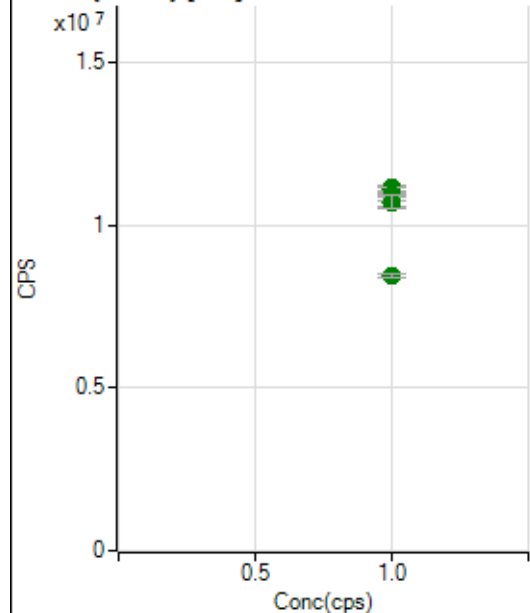
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		43572436.02		A	0.6
2	☐	1.000		42840054.92		A	8.4
3	☐	1.000		43476375.46		A	1.6
4	☐	1.000		44091853.79		A	0.5
5	☐	1.000		44370859.34		A	1.3
6	☐	1.000		43896604.62		A	10.8
7	☐	1.000		45699342.65		A	1.3
8	☐	1.000		37447376.39		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14967359.91		A	1.3
2	☐	1.000		15201265.74		A	0.4
3	☐	1.000		15346655.88		A	1.3
4	☐	1.000		15602678.52		A	0.5
5	☐	1.000		15804160.74		A	0.5
6	☐	1.000		15642472.41		A	1.2
7	☐	1.000		16269577.39		A	5.3
8	☐	1.000		14172464.79		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27711443.48		A	1.1
2	☐	1.000		26673500.16		A	8.5
3	☐	1.000		27221407.93		A	2.7
4	☐	1.000		27014254.32		A	0.6
5	☐	1.000		26872047.93		A	1.1
6	☐	1.000		25841389.06		A	11.0
7	☐	1.000		26098061.56		A	2.0
8	☐	1.000		19544447.49		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11018764.14		A	0.7
2	☐	1.000		11159759.69		A	1.8
3	☐	1.000		11116611.36		A	1.6
4	☐	1.000		10935477.20		A	0.4
5	☐	1.000		10911205.53		A	0.3
6	☐	1.000		10678867.76		A	1.2
7	☐	1.000		10728461.44		A	4.1
8	☐	1.000		8467821.47		A	1.0