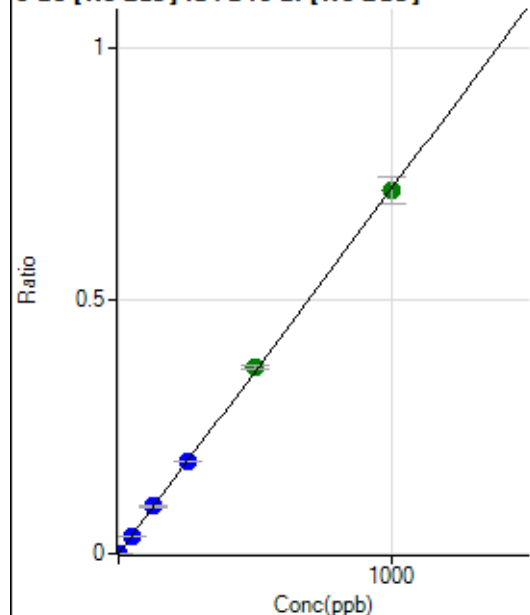


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8042924-MS1.b\
 Analysis File: P8042924-MS1.batch.bin
 DA Date-Time: 2024-04-29 17:29:08
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-04-29 14:20:54
2	006CALS.d	S02	2024-04-29 14:27:39
3	007CALS.d	S03	2024-04-29 14:31:00
4	008CALS.d	S04	2024-04-29 14:34:09
5	009CALS.d	S05	2024-04-29 14:37:11
6	010CALS.d	S06	2024-04-29 14:40:15
7	011CALS.d	S07	2024-04-29 14:43:16
8	012CALS.d	S08	2024-04-29 14:46:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.98	0.0000	P	3.7
2	☐	1.000	0.989	2857.85	0.0008	P	2.6
3	☐	50.000	48.043	139469.94	0.0347	P	5.8
4	☐	125.000	129.235	339676.49	0.0931	P	2.9
5	☐	250.000	251.988	658079.06	0.1816	P	0.4
6	☐	500.000	509.925	1287790.73	0.3674	A	1.6
7	☐	1000.000	994.109	2504546.49	0.7161	A	7.4
8	☐			804.53	0.0002	P	23.0

$$y = 7.2034\text{E-}004 * x + 4.5555\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.006999$$

$$BEC = 0.06324$$

Weight: <None>

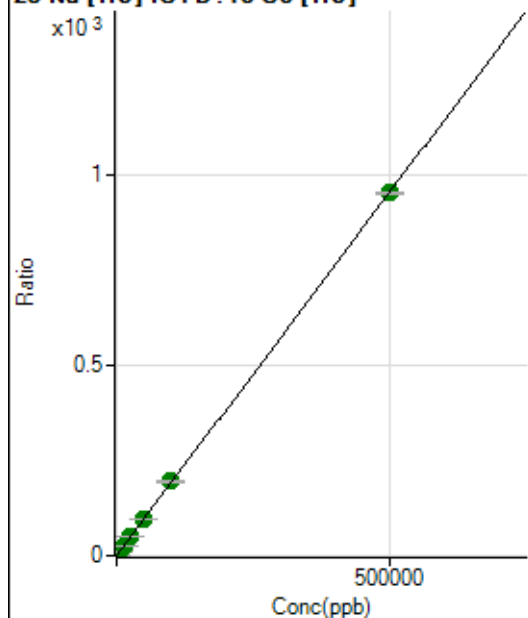
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3581984.25		A	0.5
2	☐			3623190.54		A	0.7
3	☐			3869932.51		A	0.2
4	☐			3935190.11		A	0.7
5	☐			4086045.70		A	1.1
6	☐			4376997.64		A	3.1
7	☐			5507497.56		A	4.5
8	☐			3865508.21		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38267.50		P	1.2
2	☐			38761.08		P	1.0
3	☐			41224.40		P	0.6
4	☐			42603.73		P	1.5
5	☐			44733.53		P	1.5
6	☐			50464.08		P	0.5
7	☐			65126.88		P	1.6
8	☐			49674.79		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27281.13	0.1170	P	1.8
2	☐	500.000	470.369	241502.16	1.0164	P	1.3
3	☐	5000.000	5198.136	2344614.22	10.0562	A	3.3
4	☐	12500.000	12969.733	5663681.65	24.9161	A	1.2
5	☐	25000.000	25654.639	11007146.92	49.1706	A	1.3
6	☐	50000.000	50438.859	21511329.54	96.5600	A	1.0
7	☐	100000.00	102137.50	42800245.75	195.4118	A	1.7
8	☐	500000.00	499482.18	203773681.4	955.1655	A	0.8

$$y = 0.0019 * x + 0.1170$$

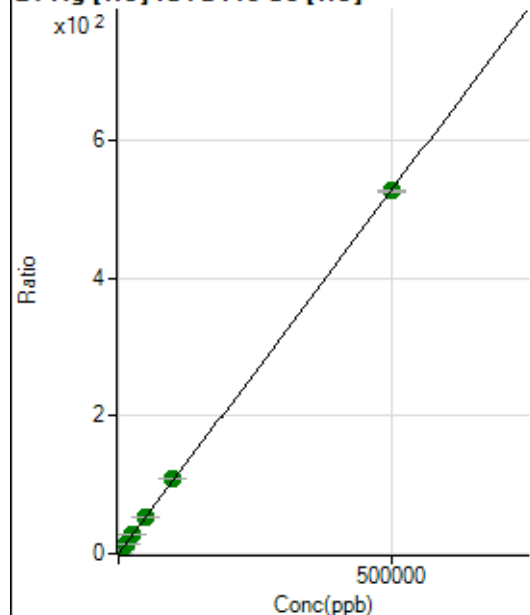
$$R = 1.0000$$

$$DL = 3.291$$

$$BEC = 61.17$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0012	P	6.9
2	☐	500.000	477.534	119961.51	0.5049	P	1.3
3	☐	5000.000	5297.005	1302880.82	5.5877	A	1.7
4	☐	12500.000	13043.669	3127086.80	13.7577	A	1.4
5	☐	25000.000	25908.735	6117022.34	27.3258	A	2.0
6	☐	50000.000	51170.920	12022839.68	53.9686	A	0.2
7	☐	100000.00	103498.99	23910775.48	109.1563	A	0.9
8	☐	500000.00	499121.13	112299761.6	526.3989	A	0.9

$$y = 0.0011 * x + 0.0012$$

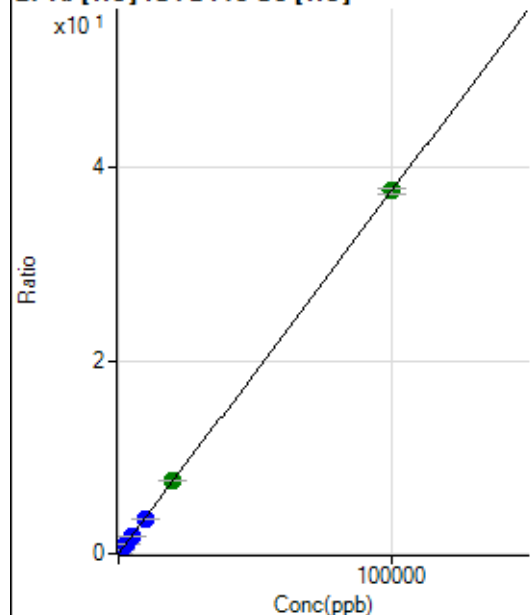
$$R = 1.0000$$

$$DL = 0.2387$$

$$BEC = 1.156$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0006	P	18.6
2	☐	20.000	18.588	1801.24	0.0076	P	2.5
3	☐	1000.000	997.490	87554.02	0.3754	P	0.0
4	☐	2500.000	2487.395	212596.62	0.9353	P	1.1
5	☐	5000.000	4909.878	413141.64	1.8456	P	1.7
6	☐	10000.000	9630.414	806302.22	3.6195	P	1.3
7	☐	20000.000	19996.345	1646303.38	7.5148	A	0.1
8	☐	100000.00	100042.53	8019598.15	37.5947	A	1.7

$$y = 3.7578E-004 * x + 5.9488E-004$$

$$R = 1.0000$$

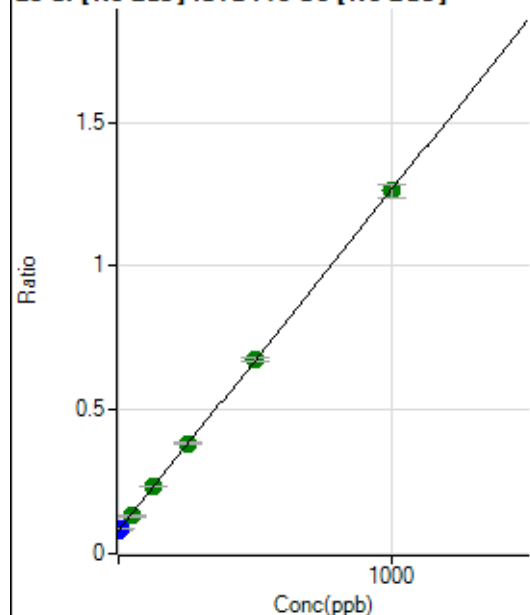
$$DL = 0.883$$

$$BEC = 1.583$$

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	563478.44	0.0805	P	3.8
2	☐	10.000	3.838	611288.26	0.0850	P	2.3
3	☐	50.000	42.307	1007198.04	0.1306	A	7.5
4	☐	125.000	130.406	1658841.28	0.2348	A	0.8
5	☐	250.000	256.525	2776459.12	0.3841	A	3.2
6	☐	500.000	502.355	4763601.59	0.6752	A	2.5
7	☐	1000.000	996.962	8958940.84	1.2607	A	3.6
8	☐			947601.20	0.1440	M	6.8

$$y = 0.0012 * x + 0.0805$$

$$R = 0.9999$$

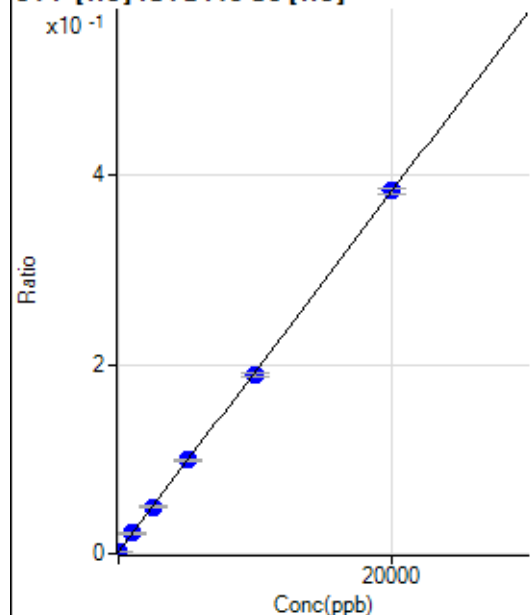
$$DL = 7.715$$

$$BEC = 67.98$$

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	-19.442	444.45	0.0019	P	12.6
2	☐	0.000	19.442	628.91	0.0026	P	5.5
3	☐	1000.000	1008.603	5003.14	0.0215	P	4.6
4	☐	2500.000	2498.890	11323.39	0.0498	P	0.7
5	☐	5000.000	5093.954	22201.55	0.0992	P	1.5
6	☐	10000.000	9853.239	42264.79	0.1897	P	2.1
7	☐	20000.000	20049.601	84051.72	0.3837	P	1.6
8	☐			502.24	0.0024	P	5.7

$$y = 1.9023E-005 * x + 0.0023$$

$$R = 0.9999$$

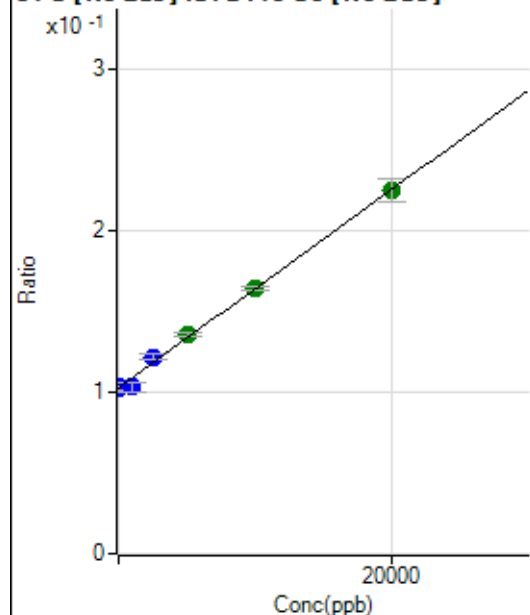
$$DL = 30.45$$

$$BEC = 119.6$$

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	128.264	726535.93	0.1038	P	3.8
2	☐	0.000	-128.264	734761.80	0.1022	P	2.2
3	☐	1000.000	45.759	796961.17	0.1033	P	6.5
4	☐	2500.000	3104.003	861676.39	0.1220	P	3.3
5	☐	5000.000	5362.199	982467.10	0.1359	A	2.3
6	☐	10000.000	10061.011	1162660.69	0.1648	A	1.1
7	☐	20000.000	19851.156	1596798.07	0.2250	A	6.5
8	☐			611009.13	0.0928	P	4.5

$$y = 6.1452E-006 * x + 0.1030$$

$$R = 0.9977$$

$$DL = 1506$$

$$BEC = 1.676E+04$$

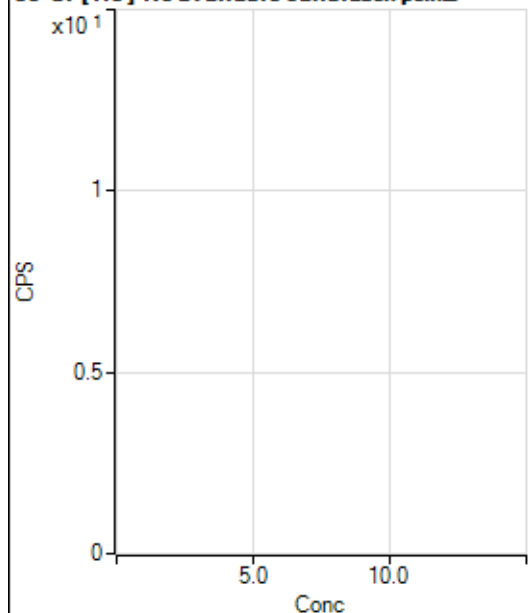
Weight: <None>

Min Conc: 0

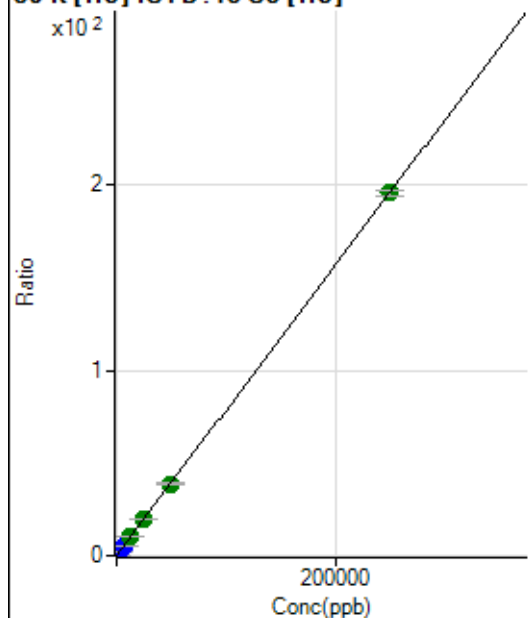
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			264217.80		P	1.2
2	☐			273493.88		P	1.1
3	☐			300745.21		P	1.2
4	☐			297015.07		P	1.4
5	☐			283926.96		P	0.9
6	☐			268534.07		P	1.3
7	☐			226212.46		P	1.3
8	☐			248319.32		P	1.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1607.88		P	1.3
2	☐			1553.43		P	6.3
3	☐			1744.57		P	3.9
4	☐			1725.68		P	4.9
5	☐			1616.77		P	2.5
6	☐			1642.33		P	8.0
7	☐			1273.40		P	3.0
8	☐			1566.77		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25839.85	0.1108	P	0.6
2	☐	500.000	443.493	108663.88	0.4573	P	0.6
3	☐	2500.000	2442.816	470891.75	2.0193	P	0.8
4	☐	6250.000	6033.185	1096620.86	4.8245	P	1.2
5	☐	12500.000	12655.731	2238306.18	9.9987	A	0.8
6	☐	25000.000	24680.827	4320458.76	19.3938	A	1.4
7	☐	50000.000	49562.040	8505565.50	38.8335	A	1.7
8	☐	250000.00	250117.82	41712094.66	195.5271	A	1.3

$$y = 7.8130E-004 * x + 0.1108$$

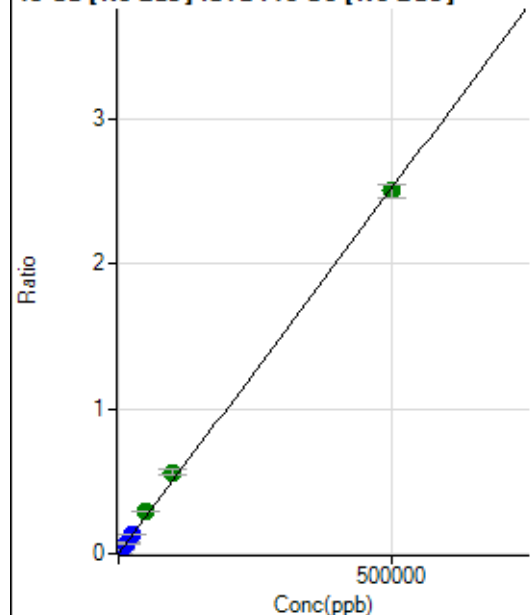
$$R = 1.0000$$

$$DL = 2.662$$

$$BEC = 141.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	676.69	0.0001	P	11.5
2	☐	500.000	473.987	17854.52	0.0025	P	2.2
3	☐	5000.000	5335.383	207999.87	0.0270	P	7.1
4	☐	12500.000	14314.523	509502.49	0.0722	P	2.7
5	☐	25000.000	27058.536	985373.00	0.1363	P	1.1
6	☐	50000.000	57682.271	2049463.15	0.2905	A	0.9
7	☐	100000.00	111696.13	3989768.38	0.5624	A	7.7
8	☐	500000.00	496740.92	16465337.40	2.5008	A	4.1

$$y = 5.0341\text{E-}006 * x + 9.6767\text{E-}005$$

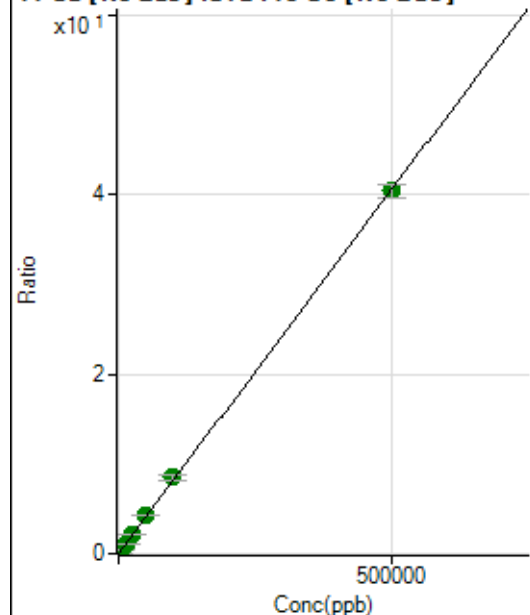
$$R = 0.9996$$

$$DL = 6.613$$

$$BEC = 19.22$$

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	23290.05	0.0033	P	0.9
2	☐	500.000	478.104	302724.38	0.0421	P	2.7
3	☐	5000.000	5272.696	3325491.89	0.4310	A	7.2
4	☐	12500.000	13934.219	8004084.67	1.1335	A	2.5
5	☐	25000.000	26854.486	15769857.68	2.1815	A	0.5
6	☐	50000.000	53516.206	30648489.26	4.3440	A	0.8
7	☐	100000.00	104942.16	60416005.21	8.5152	A	7.4
8	☐	500000.00	498528.66	266300393.8	40.4391	A	3.5

$$y = 8.1110\text{E-}005 * x + 0.0033$$

$$R = 0.9999$$

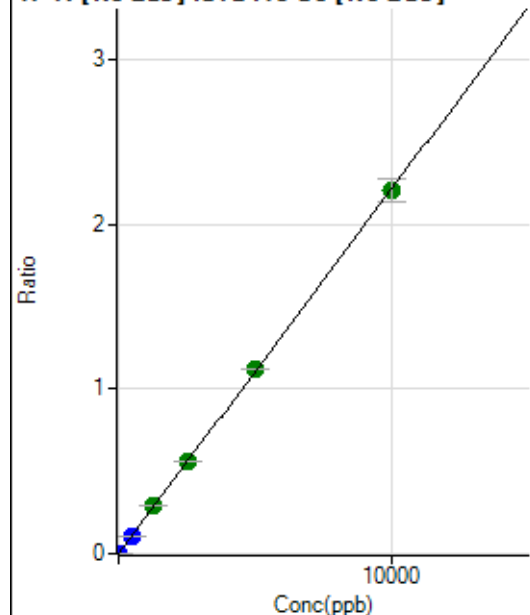
$$DL = 1.144$$

$$BEC = 40.97$$

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	247.78	0.0000	P	10.2
2	☐	5.000	4.962	8159.08	0.0011	P	3.3
3	☐	500.000	483.495	827006.93	0.1072	P	6.8
4	☐	1250.000	1322.518	2069142.77	0.2931	A	3.0
5	☐	2500.000	2508.526	4018211.16	0.5558	A	0.1
6	☐	5000.000	5075.255	7934263.15	1.1245	A	0.2
7	☐	10000.000	9952.002	15652574.77	2.2050	A	6.2
8	☐			4433.21	0.0007	P	27.3

$$y = 2.2156E-004 * x + 3.5407E-005$$

R = 0.9999

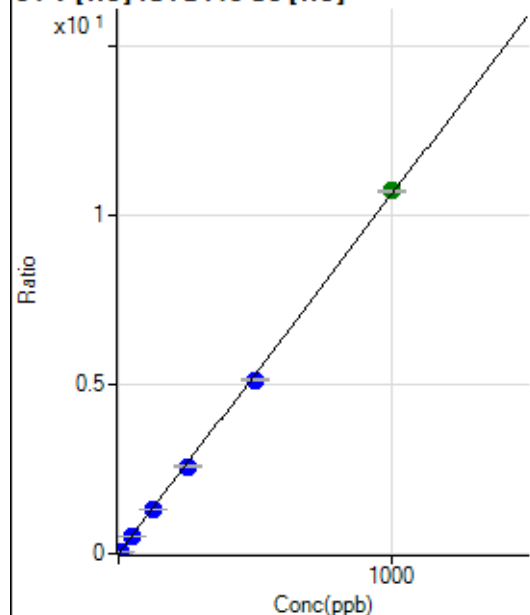
DL = 0.04898

BEC = 0.1598

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	14.44	0.0001	P	13.8
2	☐	5.000	4.638	11725.98	0.0493	P	1.5
3	☐	50.000	48.791	120917.84	0.5186	P	1.4
4	☐	125.000	121.057	292437.73	1.2865	P	0.6
5	☐	250.000	242.722	577405.17	2.5794	P	1.2
6	☐	500.000	483.879	1145486.69	5.1421	P	0.7
7	☐	1000.000	1010.435	2352459.37	10.7377	A	0.6
8	☐			1203.40	0.0056	P	4.2

$$y = 0.0106 * x + 6.1948E-005$$

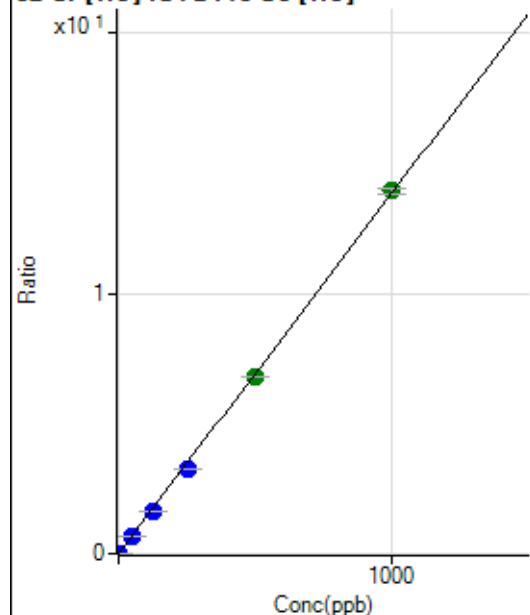
R = 0.9998

DL = 0.002417

BEC = 0.005829

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	691.14	0.0030	P	6.8
2	☐	2.000	1.806	6640.49	0.0279	P	0.8
3	☐	50.000	48.143	156029.71	0.6691	P	0.1
4	☐	125.000	119.217	375617.85	1.6524	P	0.2
5	☐	250.000	236.458	733020.92	3.2746	P	0.6
6	☐	500.000	492.647	1519149.06	6.8192	A	0.3
7	☐	1000.000	1007.878	3055771.59	13.9479	A	1.4
8	☐			63500.33	0.2976	P	1.7

$$y = 0.0138 * x + 0.0030$$

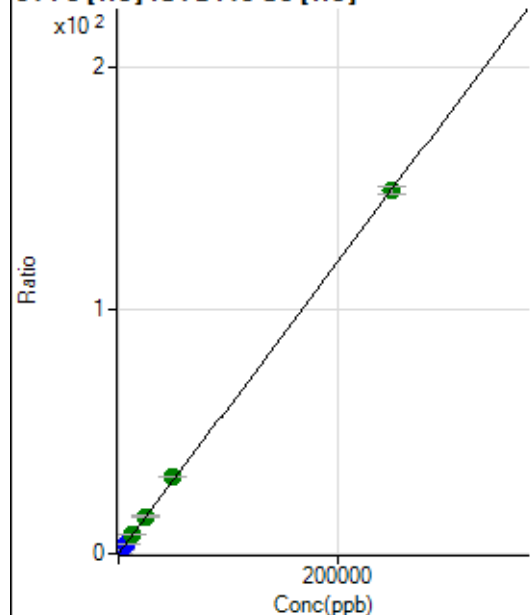
$$R = 0.9999$$

$$DL = 0.04358$$

$$BEC = 0.2142$$

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	517.79	0.0022	P	3.1
2	☐	50.000	48.703	7439.78	0.0313	P	1.2
3	☐	2500.000	2569.222	358321.63	1.5367	P	1.4
4	☐	6250.000	6358.768	863759.08	3.8000	P	0.8
5	☐	12500.000	13130.007	1755946.90	7.8441	A	0.5
6	☐	25000.000	25670.785	3416037.80	15.3341	A	1.0
7	☐	50000.000	52403.116	6857452.68	31.3000	A	0.4
8	☐	250000.00	249417.38	31778766.75	148.9670	A	2.0

$$y = 5.9725E-004 * x + 0.0022$$

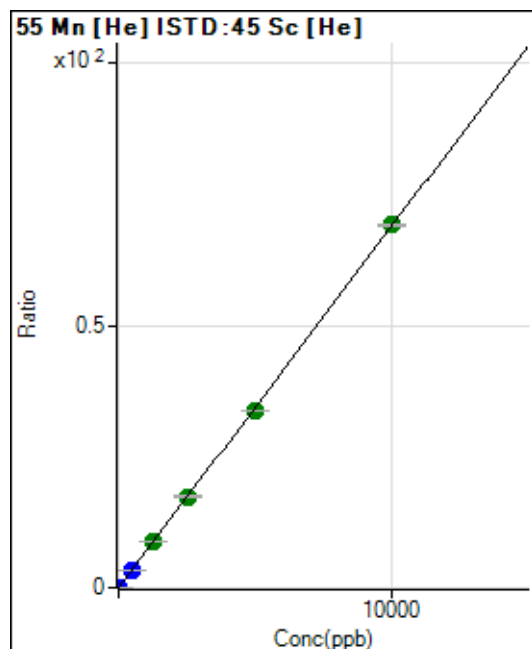
$$R = 0.9999$$

$$DL = 0.351$$

$$BEC = 3.717$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0005	P	6.3
2	☐	1.000	0.902	1593.44	0.0067	P	8.0
3	☐	500.000	495.263	795513.51	3.4115	P	1.1
4	☐	1250.000	1276.831	1999017.47	8.7944	A	0.8
5	☐	2500.000	2520.767	3886605.33	17.3618	A	1.4
6	☐	5000.000	4894.447	7509545.10	33.7100	A	0.4
7	☐	10000.000	10044.468	15156913.25	69.1798	A	0.6
8	☐			13666.01	0.0640	P	3.1

$$y = 0.0069 * x + 4.9547E-004$$

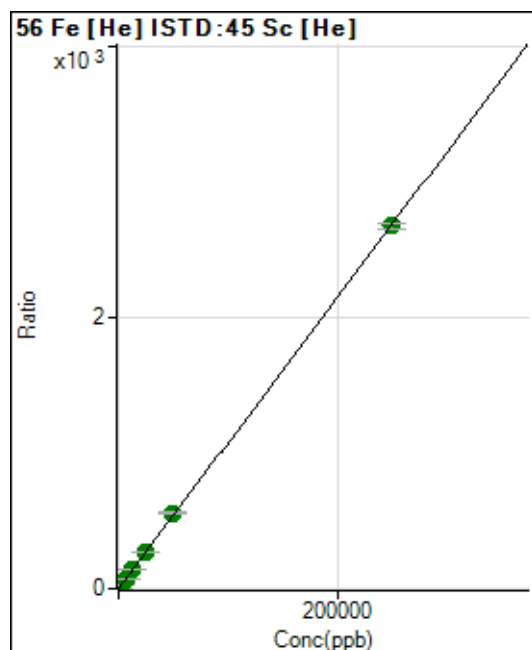
$$R = 0.9999$$

$$DL = 0.01353$$

$$BEC = 0.07194$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4557.44	0.0195	P	3.8
2	☐	50.000	48.259	127473.67	0.5364	P	0.4
3	☐	2500.000	2621.547	6552183.66	28.0983	A	1.1
4	☐	6250.000	6500.614	15830627.54	69.6461	A	1.1
5	☐	12500.000	12977.616	31120789.54	139.0197	A	1.0
6	☐	25000.000	25500.466	60849632.98	273.1490	A	1.1
7	☐	50000.000	52054.763	122137864.8	557.5657	A	0.7
8	☐	250000.00	249507.64	570087351.5	2,672.436	A	1.5

$$y = 0.0107 * x + 0.0195$$

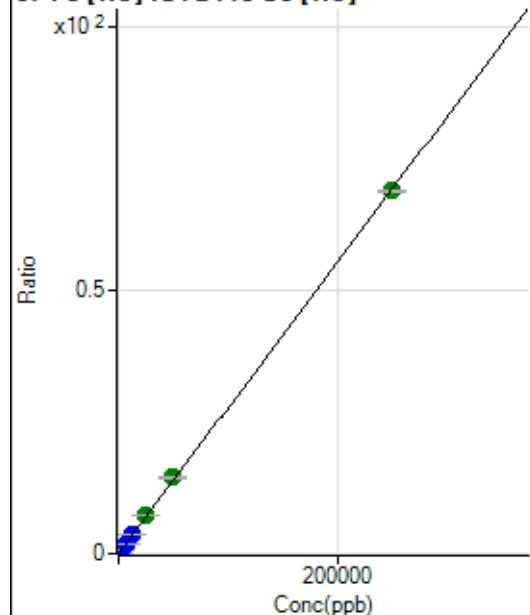
$$R = 1.0000$$

$$DL = 0.2062$$

$$BEC = 1.825$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	360.01	0.0015	P	10.7
2	☐	50.000	48.410	3536.03	0.0149	P	3.8
3	☐	2500.000	2525.824	162668.48	0.6976	P	0.9
4	☐	6250.000	6318.958	396181.04	1.7429	P	0.5
5	☐	12500.000	12592.327	777131.78	3.4716	P	0.5
6	☐	25000.000	26085.933	1601787.67	7.1901	A	0.6
7	☐	50000.000	52288.186	3156987.63	14.4106	A	1.1
8	☐	250000.00	249427.17	14665528.12	68.7364	A	0.7

$$y = 2.7557\text{E-}004 * x + 0.0015$$

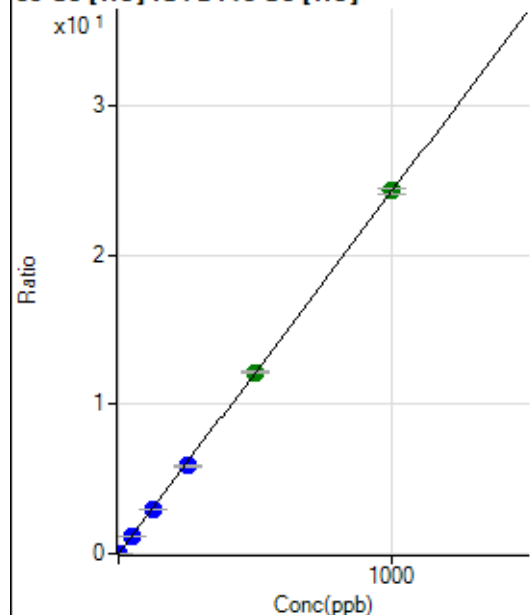
$$R = 0.9999$$

$$DL = 1.803$$

$$BEC = 5.597$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190.00	0.0008	P	12.2
2	☐	1.000	0.991	5907.96	0.0249	P	2.8
3	☐	50.000	49.360	279412.51	1.1983	P	1.2
4	☐	125.000	123.174	679433.22	2.9890	P	0.4
5	☐	250.000	241.893	1313819.50	5.8690	P	0.6
6	☐	500.000	499.862	2701468.26	12.1272	A	1.2
7	☐	1000.000	1002.356	5326098.57	24.3174	A	1.8
8	☐			14167.22	0.0664	P	1.3

$$y = 0.0243 * x + 8.1391\text{E-}004$$

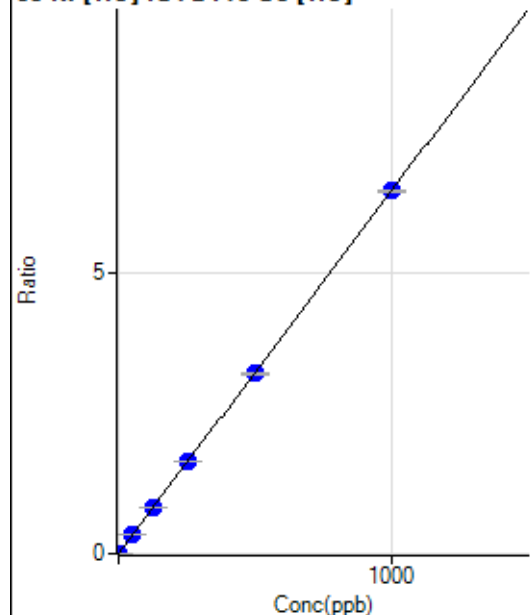
$$R = 1.0000$$

$$DL = 0.01228$$

$$BEC = 0.03355$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	276.67	0.0012	P	9.5
2	☐	1.000	0.983	1789.02	0.0075	P	3.7
3	☐	50.000	52.231	78883.87	0.3383	P	0.9
4	☐	125.000	128.974	189470.56	0.8335	P	0.6
5	☐	250.000	252.659	365281.26	1.6318	P	0.3
6	☐	500.000	497.626	715673.83	3.2127	P	1.1
7	☐	1000.000	999.914	1413899.84	6.4543	P	0.5
8	☐			20738.59	0.0972	P	1.0

$$y = 0.0065 * x + 0.0012$$

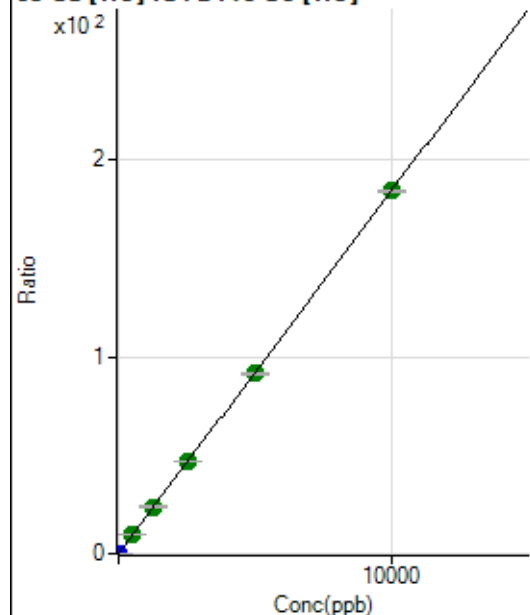
$$R = 1.0000$$

$$DL = 0.05255$$

$$BEC = 0.1837$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5486.68	0.0235	P	2.0
2	☐	2.000	1.855	13721.19	0.0577	P	2.8
3	☐	500.000	527.845	2276543.19	9.7641	A	2.8
4	☐	1250.000	1293.803	5432356.66	23.8986	A	0.6
5	☐	2500.000	2559.211	10577025.96	47.2497	A	0.3
6	☐	5000.000	4961.650	20402292.20	91.5828	A	0.4
7	☐	10000.000	9997.505	40421985.51	184.5115	A	0.3
8	☐			20983.20	0.0983	P	7.2

$$y = 0.0185 * x + 0.0235$$

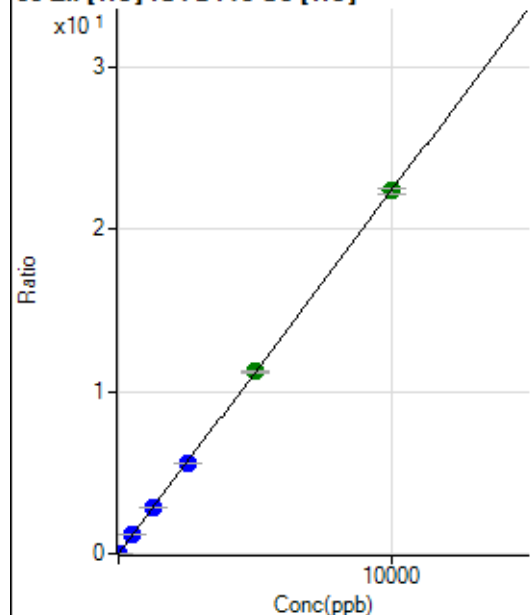
$$R = 1.0000$$

$$DL = 0.07699$$

$$BEC = 1.275$$

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	550.02	0.0024	P	1.9
2	☐	2.000	4.687	3054.81	0.0129	P	4.3
3	☐	500.000	512.265	268174.39	1.1500	P	1.1
4	☐	1250.000	1265.515	645014.36	2.8375	P	0.5
5	☐	2500.000	2498.437	1253504.62	5.5997	P	0.8
6	☐	5000.000	5009.582	2500736.37	11.2254	A	0.9
7	☐	10000.000	9993.047	4904253.67	22.3900	A	1.3
8	☐			6497.12	0.0304	P	2.2

$$y = 0.0022 * x + 0.0024$$

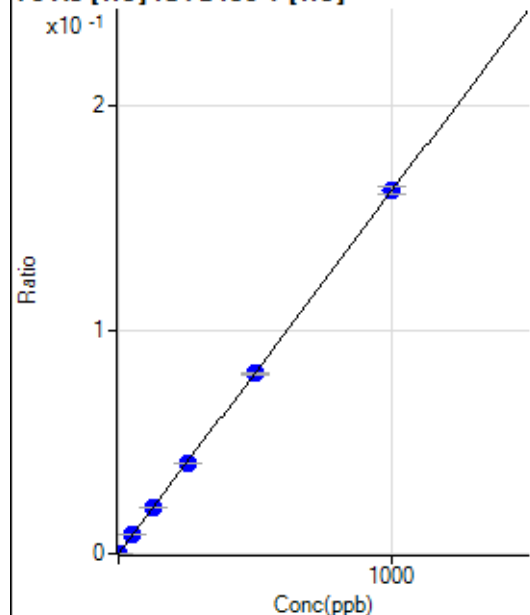
$$R = 1.0000$$

$$DL = 0.06087$$

$$BEC = 1.052$$

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	5.56	0.0000	P	91.7
2	☐	1.000	0.920	273.34	0.0002	P	4.8
3	☐	50.000	51.269	14487.56	0.0083	P	1.3
4	☐	125.000	126.337	35112.60	0.0204	P	0.7
5	☐	250.000	250.020	68785.75	0.0405	P	0.8
6	☐	500.000	496.945	135520.33	0.0804	P	1.3
7	☐	1000.000	1001.292	272889.70	0.1620	P	2.0
8	☐			221.11	0.0001	P	14.3

$$y = 1.6178E-004 * x + 3.2553E-006$$

$$R = 1.0000$$

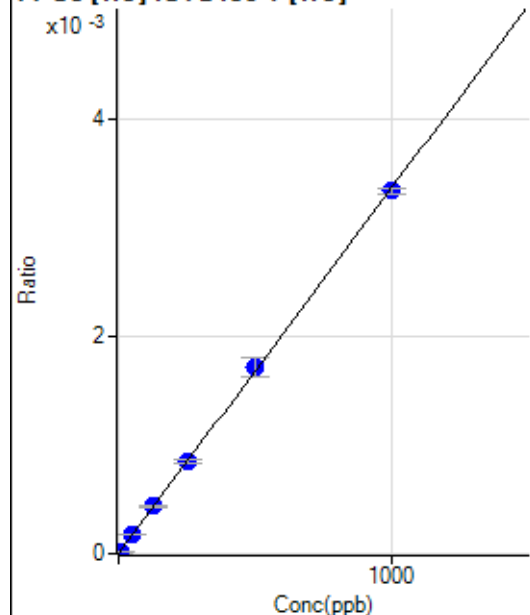
$$DL = 0.05537$$

$$BEC = 0.02012$$

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	3.33	0.0000	P	99.9
2	☐	5.000	2.924	21.11	0.0000	P	46.5
3	☐	50.000	53.053	315.56	0.0002	P	4.9
4	☐	125.000	130.388	757.80	0.0004	P	4.6
5	☐	250.000	252.351	1448.98	0.0009	P	5.4
6	☐	500.000	511.859	2908.11	0.0017	P	10.4
7	☐	1000.000	992.667	5642.30	0.0033	P	1.7
8	☐			3.33	0.0000	P	100.

$$y = 3.3694\text{E-}006 * x + 1.9508\text{E-}006$$

$$R = 0.9999$$

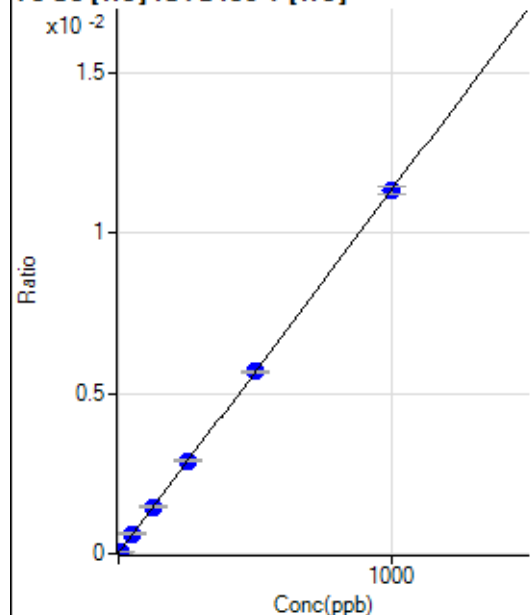
$$DL = 1.736$$

$$BEC = 0.579$$

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	18.89	0.0000	P	36.9
2	☐	5.000	4.699	115.56	0.0001	P	14.9
3	☐	50.000	54.392	1095.61	0.0006	P	6.3
4	☐	125.000	127.418	2499.14	0.0015	P	3.9
5	☐	250.000	254.791	4929.81	0.0029	P	1.7
6	☐	500.000	500.451	9581.13	0.0057	P	1.3
7	☐	1000.000	998.056	19077.46	0.0113	P	2.0
8	☐			31.11	0.0000	P	20.5

$$y = 1.1335\text{E-}005 * x + 1.1039\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.077$$

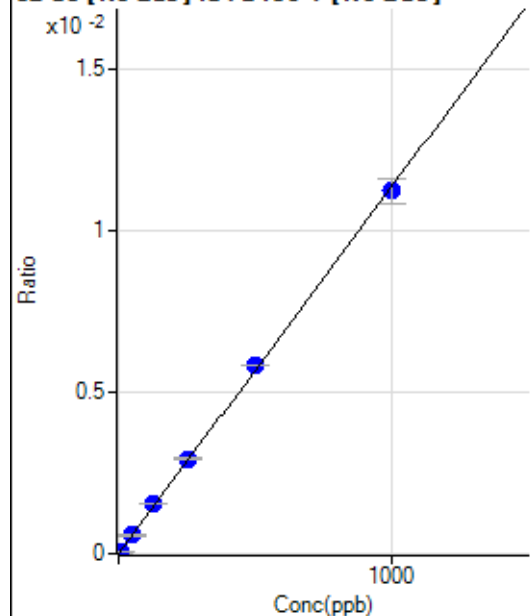
$$BEC = 0.9738$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9590.06		P	4.0
2	☐			9670.11		P	3.5
3	☐			7045.17		P	1.6
4	☐			6618.31		P	1.9
5	☐			6202.55		P	2.7
6	☐			6242.57		P	3.2
7	☐			6140.30		P	3.2
8	☐			6421.54		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-13.33	0.0000	P	-28.
2	☐	5.000	5.027	916.73	0.0001	P	3.8
3	☐	50.000	50.774	9952.74	0.0006	P	5.6
4	☐	125.000	136.062	24704.64	0.0015	P	2.8
5	☐	250.000	259.312	48035.15	0.0029	P	2.4
6	☐	500.000	514.070	94981.47	0.0058	P	0.9
7	☐	1000.000	989.216	184849.33	0.0112	P	7.0
8	☐			51.11	0.0000	P	35.2

$$y = 1.1347E-005 * x - 8.4182E-007$$

$$R = 0.9998$$

$$DL = 0.06435$$

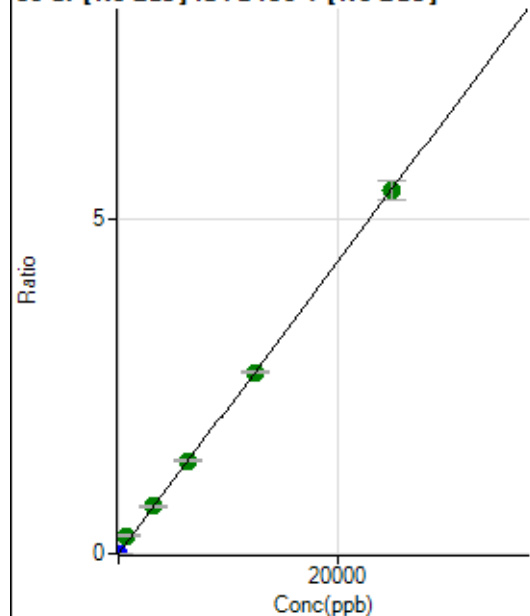
$$BEC = -0.07419$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			313.34		P	1.8
2	☐			335.56		P	8.7
3	☐			305.56		P	10.1
4	☐			321.12		P	21.4
5	☐			275.56		P	14.1
6	☐			357.79		P	7.8
7	☐			342.23		P	7.4
8	☐			306.67		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	617.80	0.0000	P	2.1
2	☐	1.000	0.969	4068.41	0.0002	P	3.9
3	☐	625.000	1230.419	4628634.69	0.2677	A	6.7
4	☐	3125.000	3270.296	11388121.63	0.7115	A	4.2
5	☐	6250.000	6403.979	22751303.83	1.3932	A	1.6
6	☐	12500.000	12486.732	44238461.56	2.7165	A	0.5
7	☐	25000.000	24934.842	89390936.45	5.4245	A	5.4
8	☐			22224.22	0.0015	P	29.0

$$y = 2.1754E-004 * x + 3.8737E-005$$

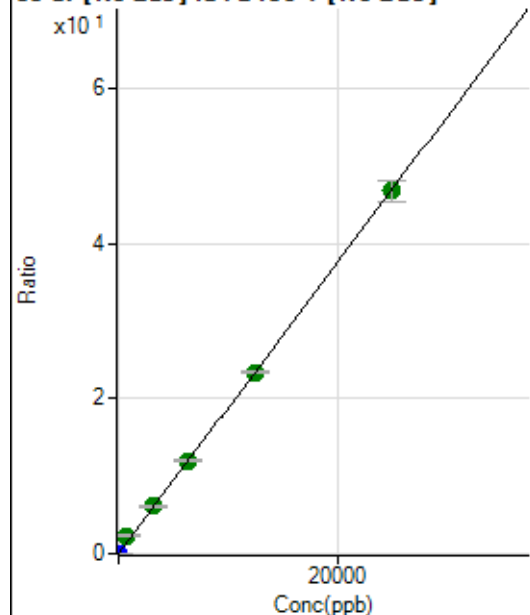
$$R = 0.9997$$

$$DL = 0.01104$$

$$BEC = 0.1781$$

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	1193.40	0.0001	P	9.8
2	☐	1.000	0.986	31347.46	0.0019	P	4.6
3	☐	625.000	1233.479	39987934.68	2.3120	A	6.0
4	☐	3125.000	3263.307	97934436.32	6.1165	A	2.2
5	☐	6250.000	6380.251	195295861.5	11.9586	A	1.4
6	☐	12500.000	12462.579	380383705.4	23.3588	A	1.3
7	☐	25000.000	24953.647	770553330.7	46.7709	A	6.0
8	☐			181781.45	0.0122	P	26.8

$$y = 0.0019 * x + 7.5031E-005$$

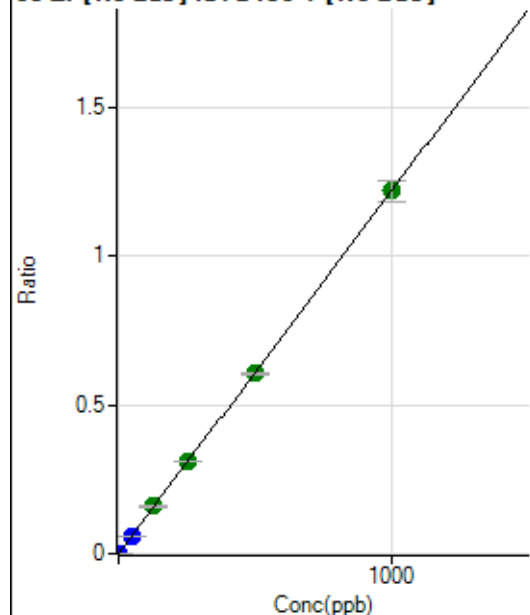
$$R = 0.9997$$

$$DL = 0.01176$$

$$BEC = 0.04003$$

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	817.81	0.0001	P	12.8
2	☐	1.000	0.939	19501.56	0.0012	P	4.0
3	☐	50.000	46.914	989314.86	0.0572	P	6.6
4	☐	125.000	131.966	2575261.12	0.1609	A	3.4
5	☐	250.000	254.160	5058709.68	0.3098	A	1.4
6	☐	500.000	496.090	9845262.14	0.6046	A	0.7
7	☐	1000.000	1000.198	20079527.06	1.2188	A	6.2
8	☐			11435.24	0.0008	P	14.4

$$y = 0.0012 * x + 5.1207E-005$$

$$R = 0.9999$$

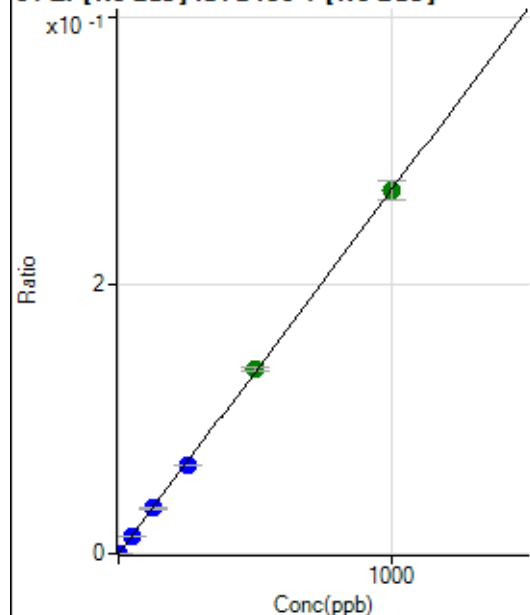
$$DL = 0.01609$$

$$BEC = 0.04202$$

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	108.89	0.0000	P	16.6
2	☐	1.000	0.937	4240.69	0.0003	P	10.3
3	☐	50.000	47.036	220486.58	0.0128	P	6.6
4	☐	125.000	125.317	543763.57	0.0340	P	2.7
5	☐	250.000	243.130	1076031.74	0.0659	P	1.2
6	☐	500.000	507.874	2241120.12	0.1376	A	2.5
7	☐	1000.000	997.889	4456593.16	0.2704	A	5.1
8	☐			2470.27	0.0002	P	9.2

$$y = 2.7097E-004 * x + 6.7952E-006$$

$$R = 0.9999$$

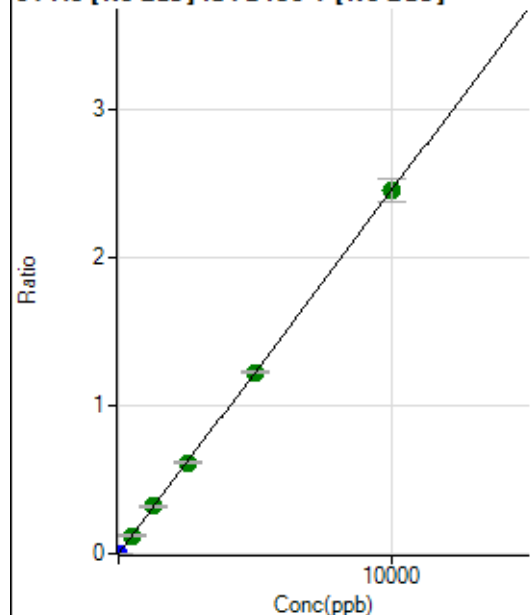
$$DL = 0.01251$$

$$BEC = 0.02508$$

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	260.00	0.0000	P	6.2
2	☐	5.000	5.556	22528.32	0.0014	P	4.7
3	☐	500.000	492.969	2095322.10	0.1212	A	6.4
4	☐	1250.000	1310.019	5155862.87	0.3220	A	2.2
5	☐	2500.000	2510.375	10075289.64	0.6170	A	2.0
6	☐	5000.000	5001.110	20015746.09	1.2291	A	1.3
7	☐	10000.000	9989.700	40445735.51	2.4552	A	6.3
8	☐			22469.37	0.0015	P	12.9

$$y = 2.4577E-004 * x + 1.6315E-005$$

$$R = 1.0000$$

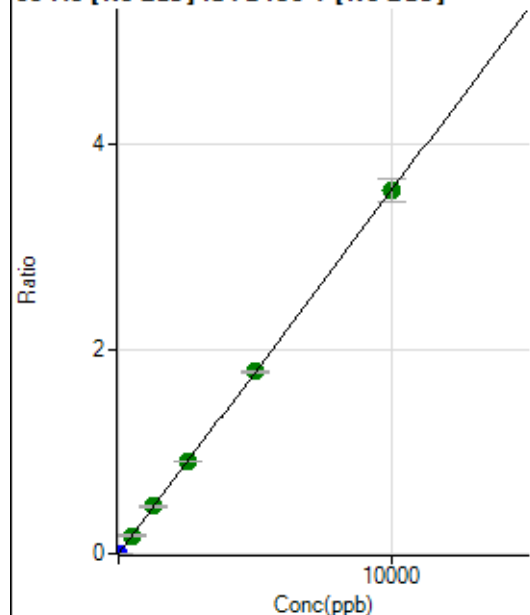
$$DL = 0.01235$$

$$BEC = 0.06638$$

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	62.22	0.0000	P	5.7
2	☐	5.000	4.727	27432.73	0.0017	P	6.7
3	☐	500.000	490.041	3012257.56	0.1741	A	5.7
4	☐	1250.000	1304.358	7422918.02	0.4635	A	2.5
5	☐	2500.000	2525.585	14657402.97	0.8975	A	0.8
6	☐	5000.000	5004.503	28958552.07	1.7784	A	1.9
7	☐	10000.000	9985.055	58447736.91	3.5482	A	6.4
8	☐			32050.64	0.0021	P	12.8

$$y = 3.5535\text{E-}004 * x + 3.9031\text{E-}006$$

$$R = 1.0000$$

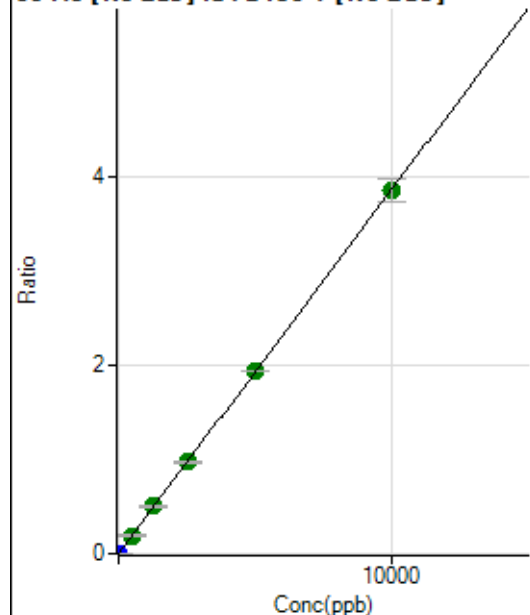
$$DL = 0.001873$$

$$BEC = 0.01098$$

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	168.89	0.0000	P	14.9
2	☐	5.000	4.804	30477.94	0.0019	P	5.3
3	☐	500.000	496.299	3323804.43	0.1921	A	4.9
4	☐	1250.000	1306.155	8094867.31	0.5056	A	2.3
5	☐	2500.000	2526.325	15970095.46	0.9778	A	1.3
6	☐	5000.000	5031.556	31714757.03	1.9474	A	0.5
7	☐	10000.000	9970.806	63573112.39	3.8592	A	6.3
8	☐			36115.52	0.0024	P	12.9

$$y = 3.8704\text{E-}004 * x + 1.0586\text{E-}005$$

$$R = 1.0000$$

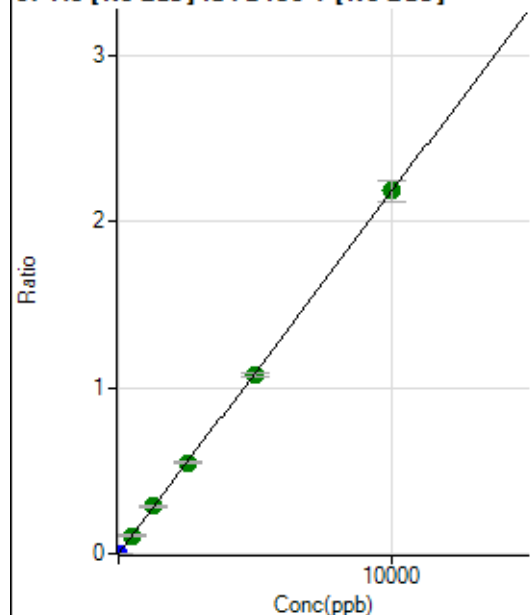
$$DL = 0.01226$$

$$BEC = 0.02735$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	70.9
2	☐	5.000	4.818	17171.83	0.0011	P	4.9
3	☐	500.000	493.270	1863027.35	0.1077	A	5.5
4	☐	1250.000	1307.134	4569500.87	0.2854	A	2.7
5	☐	2500.000	2509.641	8948160.14	0.5479	A	1.5
6	☐	5000.000	4945.661	17583767.24	1.0798	A	1.5
7	☐	10000.000	10017.954	36040178.07	2.1872	A	5.7
8	☐			19769.91	0.0013	P	12.7

$$y = 2.1833\text{E-}004 * x + 1.4167\text{E-}006$$

$$R = 1.0000$$

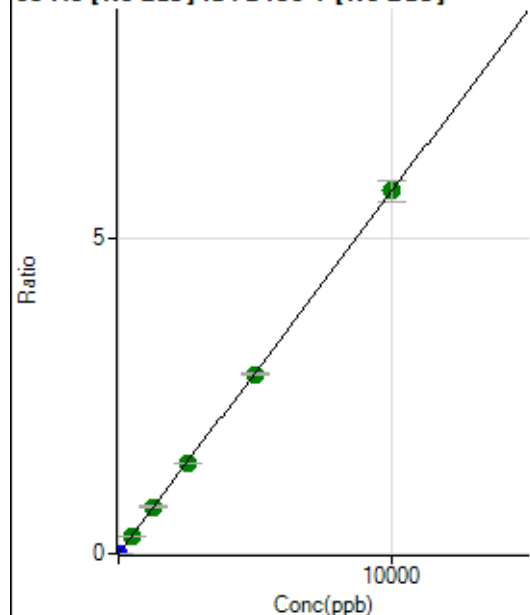
$$DL = 0.0138$$

$$BEC = 0.006489$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	12.4
2	☐	5.000	4.676	43922.52	0.0027	P	6.3
3	☐	500.000	487.684	4850442.57	0.2805	A	6.6
4	☐	1250.000	1287.281	11855349.27	0.7405	A	2.4
5	☐	2500.000	2500.493	23488534.65	1.4383	A	1.6
6	☐	5000.000	4958.284	46443064.31	2.8520	A	1.5
7	☐	10000.000	10016.691	94937034.14	5.7616	A	5.7
8	☐			51190.57	0.0034	P	13.4

$$y = 5.7520\text{E-}004 * x + 6.1164\text{E-}006$$

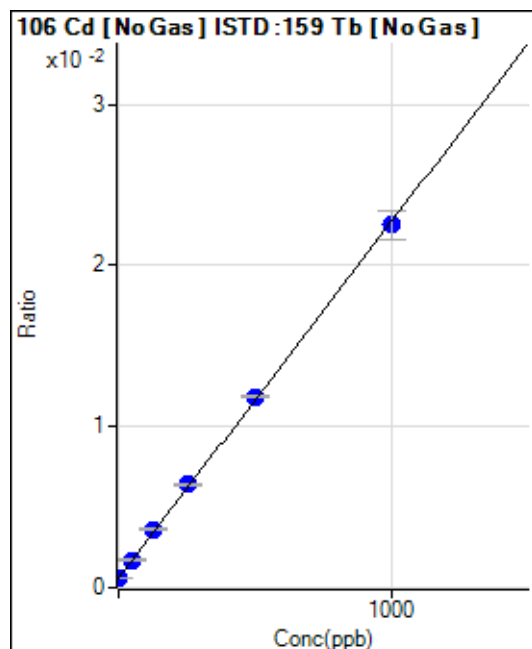
$$R = 1.0000$$

$$DL = 0.003949$$

$$BEC = 0.01063$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7881.22	0.0006	P	1.8
2	☐	1.000	0.847	8123.58	0.0006	P	2.2
3	☐	50.000	50.594	24901.50	0.0017	P	3.6
4	☐	125.000	136.436	48460.28	0.0036	P	3.7
5	☐	250.000	263.277	88953.54	0.0064	P	1.7
6	☐	500.000	509.242	166350.85	0.0119	P	0.4
7	☐	1000.000	990.601	318690.73	0.0225	P	7.7
8	☐			7534.35	0.0006	P	2.5

$$y = 2.2139\text{E-}005 * x + 5.9021\text{E-}004$$

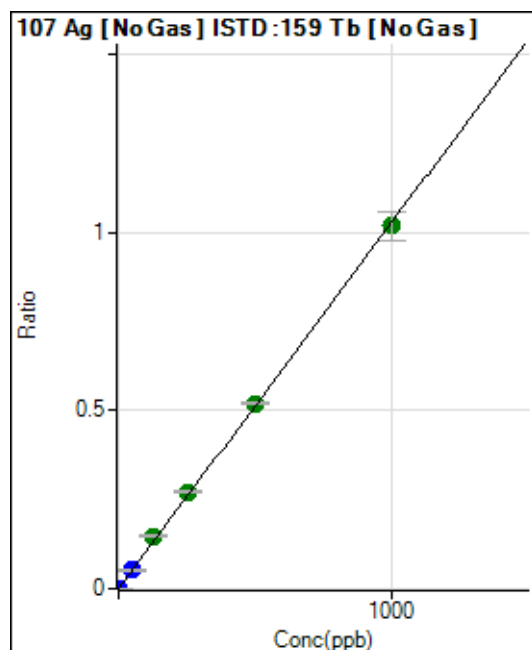
$$R = 0.9998$$

$$DL = 1.449$$

$$BEC = 26.66$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	14.2
2	☐	1.000	1.020	14082.84	0.0011	P	2.5
3	☐	50.000	51.186	764587.45	0.0526	P	5.6
4	☐	125.000	142.109	1957781.00	0.1459	A	4.0
5	☐	250.000	263.932	3754384.53	0.2709	A	2.6
6	☐	500.000	506.023	7283432.25	0.5195	A	0.5
7	☐	1000.000	991.308	14399279.92	1.0176	A	7.8
8	☐			2722.52	0.0002	P	3.2

$$y = 0.0010 * x + 8.7395\text{E-}006$$

$$R = 0.9998$$

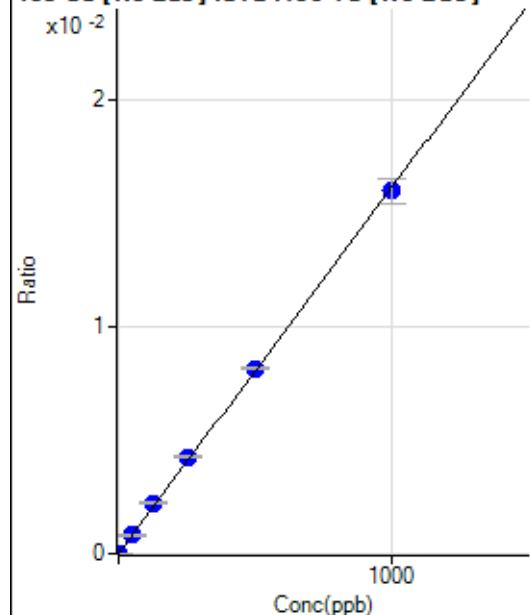
$$DL = 0.00362$$

$$BEC = 0.008514$$

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	25.56	0.0000	P	32.2
2	☐	1.000	1.041	250.01	0.0000	P	20.6
3	☐	50.000	51.113	12026.46	0.0008	P	6.1
4	☐	125.000	136.921	29681.98	0.0022	P	3.4
5	☐	250.000	263.791	59011.30	0.0043	P	2.4
6	☐	500.000	506.380	114600.22	0.0082	P	0.6
7	☐	1000.000	991.816	226592.86	0.0160	P	7.0
8	☐			193.34	0.0000	P	10.1

$$y = 1.6137\text{E-}005 * x + 1.9246\text{E-}006$$

$$R = 0.9998$$

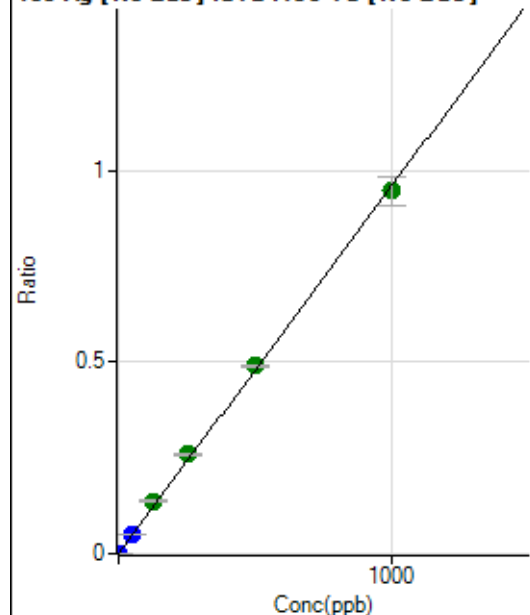
$$DL = 0.1154$$

$$BEC = 0.1193$$

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	44.45	0.0000	P	11.8
2	☐	1.000	1.018	13055.18	0.0010	P	3.7
3	☐	50.000	51.792	722553.26	0.0497	P	5.4
4	☐	125.000	142.365	1831438.56	0.1365	A	4.7
5	☐	250.000	270.978	3600840.85	0.2598	A	1.2
6	☐	500.000	510.306	6860210.66	0.4893	A	0.8
7	☐	1000.000	987.343	13392485.64	0.9467	A	8.2
8	☐			2479.14	0.0002	P	5.5

$$y = 9.5878\text{E-}004 * x + 3.3163\text{E-}006$$

$$R = 0.9996$$

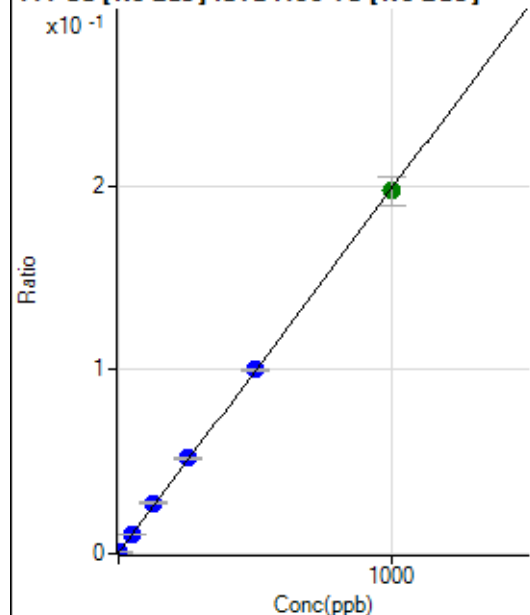
$$DL = 0.001225$$

$$BEC = 0.003459$$

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	5524.52	0.0004	P	1.6
2	☐	1.000	1.101	8422.95	0.0006	P	3.0
3	☐	50.000	51.494	154231.83	0.0106	P	5.3
4	☐	125.000	135.984	366467.56	0.0273	P	4.5
5	☐	250.000	261.288	721923.24	0.0521	P	2.4
6	☐	500.000	503.224	1401488.79	0.1000	P	1.0
7	☐	1000.000	994.118	2787936.63	0.1971	A	8.1
8	☐			5916.53	0.0005	P	3.0

$$y = 1.9781\text{E-}004 * x + 4.1369\text{E-}004$$

$$R = 0.9999$$

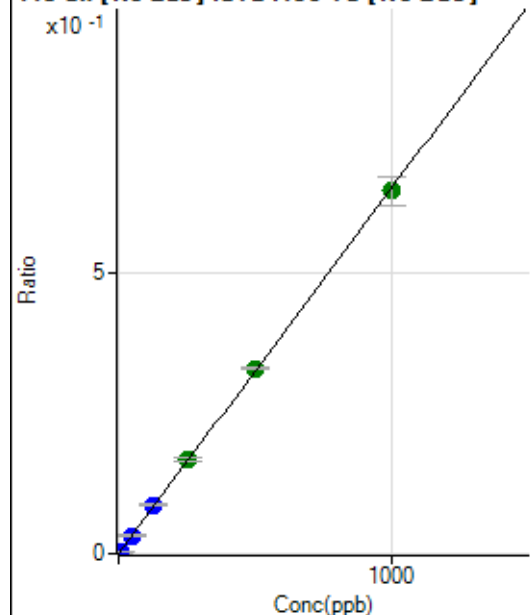
$$DL = 0.09933$$

$$BEC = 2.091$$

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	1970.56	0.0001	P	16.5
2	☐	5.000	5.048	45648.06	0.0034	P	2.4
3	☐	50.000	49.661	470930.13	0.0324	P	6.0
4	☐	125.000	133.589	1165553.59	0.0868	P	3.3
5	☐	250.000	258.642	2327439.24	0.1680	A	3.0
6	☐	500.000	507.594	4620415.35	0.3295	A	0.8
7	☐	1000.000	992.986	9119966.95	0.6445	A	7.9
8	☐			12277.92	0.0010	P	4.0

$$y = 6.4892\text{E-}004 * x + 1.4700\text{E-}004$$

$$R = 0.9999$$

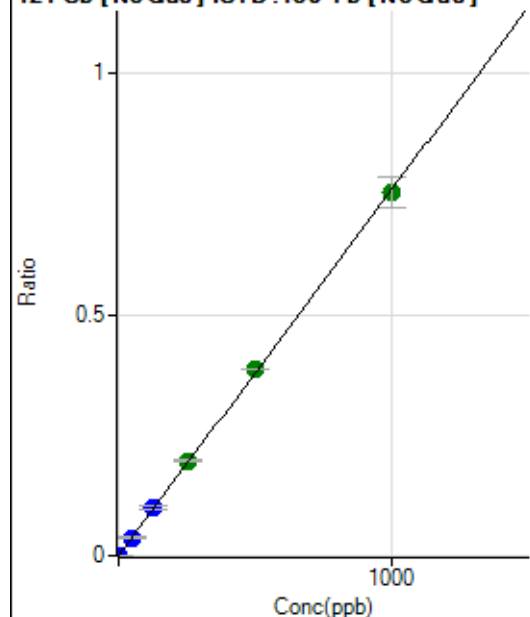
$$DL = 0.1119$$

$$BEC = 0.2265$$

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	97.78	0.0000	P	15.4
2	☐	2.000	2.029	20634.55	0.0015	P	3.1
3	☐	50.000	49.421	545875.71	0.0375	P	5.8
4	☐	125.000	131.566	1340255.68	0.0999	P	4.3
5	☐	250.000	260.197	2736730.13	0.1975	A	3.1
6	☐	500.000	509.202	5419865.13	0.3865	A	0.4
7	☐	1000.000	992.058	10652798.80	0.7531	A	8.4
8	☐			10593.28	0.0008	P	16.7

$$y = 7.5911\text{E-}004 * x + 7.3497\text{E-}006$$

$$R = 0.9999$$

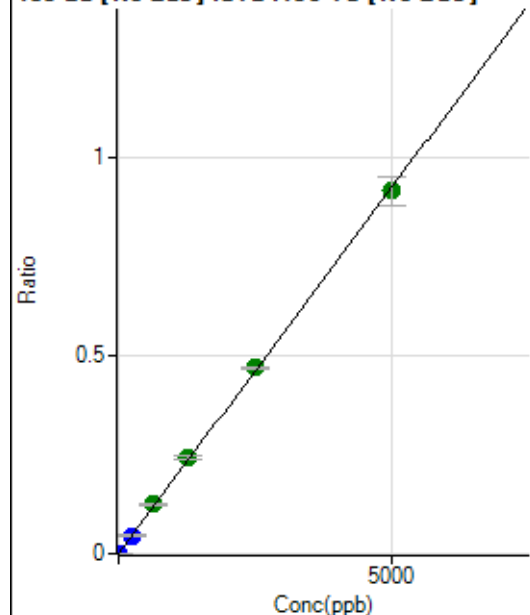
$$DL = 0.004465$$

$$BEC = 0.009682$$

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	63.34	0.0000	P	30.6
2	☐	10.000	10.264	25346.02	0.0019	P	1.1
3	☐	250.000	245.758	660267.39	0.0454	P	6.1
4	☐	625.000	671.909	1665285.76	0.1241	A	3.9
5	☐	1250.000	1309.115	3350074.71	0.2418	A	2.8
6	☐	2500.000	2542.136	6582495.32	0.4695	A	1.3
7	☐	5000.000	4958.501	12956130.36	0.9157	A	8.1
8	☐			7075.52	0.0006	P	15.3

$$y = 1.8467\text{E-}004 * x + 4.7192\text{E-}006$$

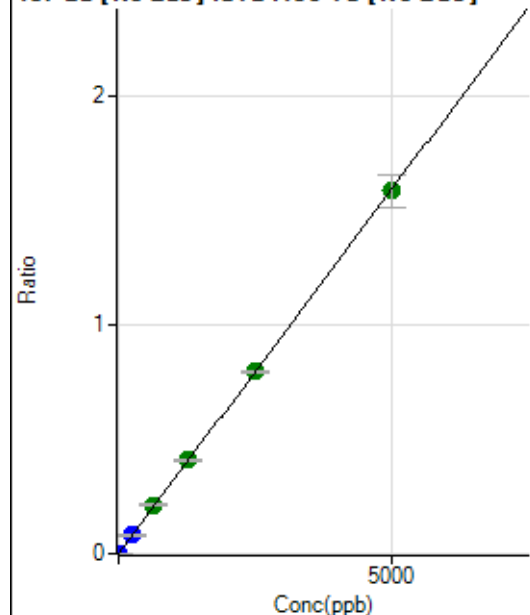
$$R = 0.9998$$

$$DL = 0.02345$$

$$BEC = 0.02555$$

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	78.89	0.0000	P	9.9
2	☐	10.000	10.231	43429.56	0.0033	P	2.9
3	☐	250.000	250.946	1160038.43	0.0797	P	6.0
4	☐	625.000	671.130	2862038.53	0.2133	A	3.8
5	☐	1250.000	1283.061	5649462.07	0.4077	A	2.2
6	☐	2500.000	2507.192	11170216.09	0.7967	A	1.2
7	☐	5000.000	4982.325	22390700.22	1.5831	A	8.8
8	☐			12032.83	0.0009	P	18.0

$$y = 3.1775E-004 * x + 5.9190E-006$$

$$R = 0.9999$$

$$DL = 0.00554$$

$$BEC = 0.01863$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.34		P	43.3
2	☐			10.00		P	33.3
3	☐			93.33		P	6.2
4	☐			185.56		P	21.4
5	☐			355.56		P	16.6
6	☐			760.03		P	8.9
7	☐			972.27		P	9.5
8	☐			228.89		P	14.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			8.89		P	43.3
4	☐			32.22		P	6.0
5	☐			51.11		P	22.9
6	☐			118.89		P	23.8
7	☐			60.00		P	11.1
8	☐			67.78		P	10.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	NaN
2	☐			24.44		P	34.3
3	☐			56.66		P	40.8
4	☐			80.00		P	8.3
5	☐			196.67		P	7.8
6	☐			313.34		P	15.7
7	☐			314.45		P	7.4
8	☐			446.68		P	18.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			5.55		P	69.3
3	☐			35.56		P	23.6
4	☐			38.89		P	30.1
5	☐			92.22		P	8.4
6	☐			210.00		P	8.4
7	☐			257.78		P	9.7
8	☐			167.78		P	19.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			194.45		P	4.3
2	☐			203.34		P	12.8
3	☐			232.23		P	16.1
4	☐			230.00		P	7.5
5	☐			265.56		P	5.2
6	☐			366.67		P	0.9
7	☐			293.34		P	8.0
8	☐			484.46		P	1.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			304.45		P	2.5
2	☐			308.89		P	15.4
3	☐			320.01		P	9.9
4	☐			347.79		P	4.3
5	☐			357.79		P	15.1
6	☐			406.68		P	7.3
7	☐			355.56		P	13.2
8	☐			494.46		P	18.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.66		P	11.9
2	☐			101.11		P	16.3
3	☐			113.34		P	5.9
4	☐			108.89		P	23.0
5	☐			192.23		P	19.5
6	☐			246.67		P	11.8
7	☐			201.12		P	9.1
8	☐			426.68		P	9.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	30.0
2	☐			43.33		P	30.8
3	☐			37.78		P	31.0
4	☐			51.11		P	43.4
5	☐			58.89		P	6.5
6	☐			117.78		P	8.2
7	☐			108.89		P	39.4
8	☐			193.34		P	6.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.11		P	29.6
2	☐			76.67		P	15.1
3	☐			122.23		P	1.6
4	☐			103.34		P	18.0
5	☐			143.34		P	16.3
6	☐			238.90		P	4.9
7	☐			361.12		P	8.9
8	☐			488.90		P	11.3

172 Yb [He] No available calibration points

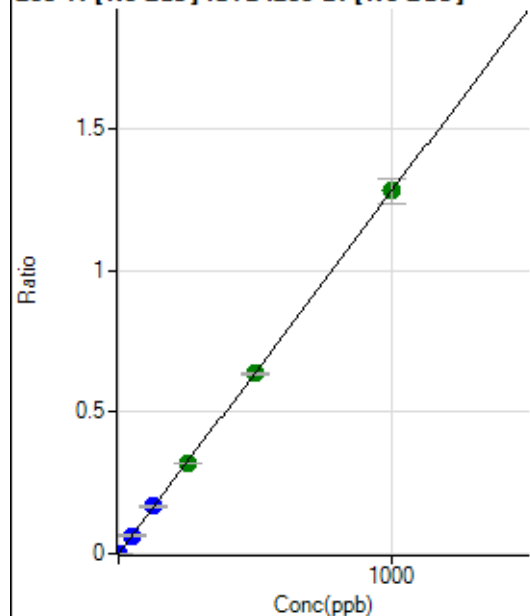
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			42.22		P	37.3
3	☐			36.67		P	NaN
4	☐			77.78		P	8.9
5	☐			60.00		P	50.0
6	☐			117.78		P	5.9
7	☐			198.89		P	17.9
8	☐			232.23		P	12.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3055.94		P	2.4
2	☐			2978.15		P	5.3
3	☐			5485.64		P	2.7
4	☐			8449.45		P	2.7
5	☐			13900.76		P	1.4
6	☐			25417.93		P	1.8
7	☐			47381.48		P	0.7
8	☐			3070.39		P	5.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27175.79		P	1.9
2	☐			27470.84		P	0.5
3	☐			28644.45		P	1.4
4	☐			29663.34		P	0.2
5	☐			32158.07		P	2.4
6	☐			37070.76		P	0.7
7	☐			46957.69		P	1.0
8	☐			27077.80		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	390.01	0.0000	P	14.8
2	☐	1.000	0.935	10039.53	0.0012	P	4.2
3	☐	50.000	48.737	530739.63	0.0624	P	6.8
4	☐	125.000	130.549	1323500.76	0.1672	P	1.7
5	☐	250.000	247.849	2636590.99	0.3174	A	0.9
6	☐	500.000	497.202	5207498.29	0.6366	A	1.3
7	☐	1000.000	1001.306	10306953.11	1.2820	A	7.2
8	☐			4258.69	0.0006	P	17.4

$$y = 0.0013 * x + 4.9690E-005$$

$$R = 1.0000$$

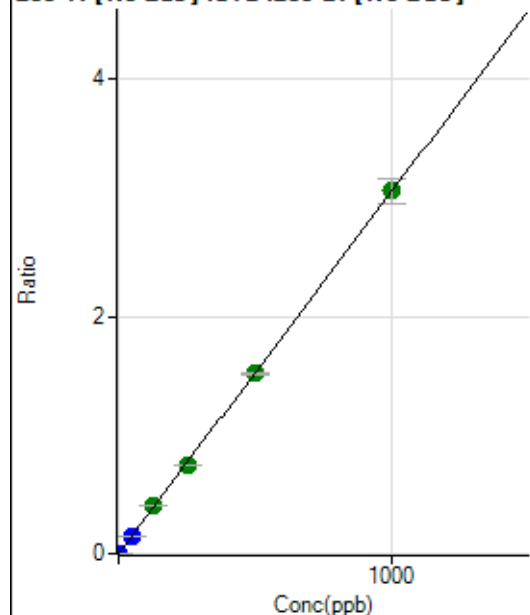
$$DL = 0.01722$$

$$BEC = 0.03881$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	955.61	0.0001	P	8.7
2	☐	1.000	0.970	24798.17	0.0031	P	4.0
3	☐	50.000	48.720	1264581.86	0.1487	P	5.8
4	☐	125.000	130.909	3162299.71	0.3994	A	1.2
5	☐	250.000	243.379	6168430.25	0.7425	A	1.3
6	☐	500.000	497.390	12411757.87	1.5173	A	1.6
7	☐	1000.000	1002.285	24584499.08	3.0574	A	6.9
8	☐			10378.61	0.0015	P	19.2

$$y = 0.0031 * x + 1.2164E-004$$

$$R = 0.9999$$

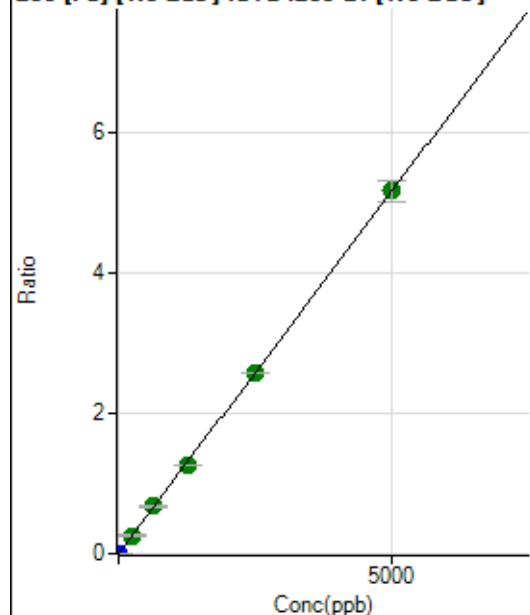
$$DL = 0.01037$$

$$BEC = 0.03988$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	562.24	0.0001	P	6.6
2	☐	1.000	0.952	8489.51	0.0011	P	2.6
3	☐	250.000	246.212	2161736.41	0.2543	A	6.7
4	☐	625.000	652.517	5334757.63	0.6739	A	1.9
5	☐	1250.000	1220.540	10471882.90	1.2604	A	1.4
6	☐	2500.000	2489.220	21028325.66	2.5705	A	0.3
7	☐	5000.000	5009.505	41617101.88	5.1731	A	5.7
8	☐			31648.59	0.0045	P	8.2

$$y = 0.0010 * x + 7.1480E-005$$

$$R = 1.0000$$

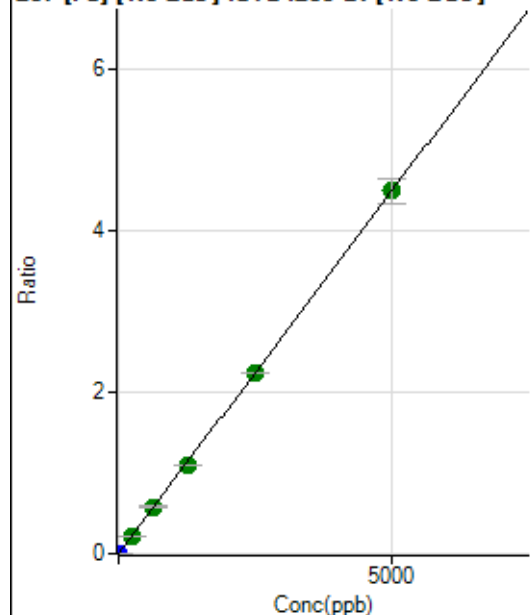
$$DL = 0.01372$$

$$BEC = 0.06922$$

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	494.46	0.0001	P	8.2
2	☐	1.000	0.961	7443.32	0.0009	P	3.1
3	☐	250.000	244.288	1862069.23	0.2190	A	6.0
4	☐	625.000	648.463	4601015.73	0.5812	A	1.7
5	☐	1250.000	1218.244	9071173.69	1.0918	A	1.5
6	☐	2500.000	2497.005	18307070.56	2.2379	A	0.4
7	☐	5000.000	5006.789	36084390.85	4.4871	A	6.6
8	☐			28030.07	0.0040	P	8.4

$$y = 8.9620\text{E-}004 * x + 6.2924\text{E-}005$$

$$R = 1.0000$$

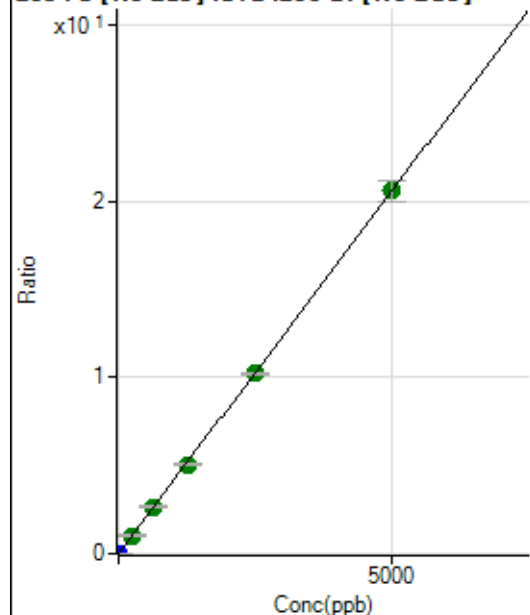
$$DL = 0.01722$$

$$BEC = 0.07021$$

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	2154.54	0.0003	P	6.2
2	☐	1.000	0.972	34397.20	0.0043	P	2.4
3	☐	250.000	243.886	8524532.03	1.0030	A	7.1
4	☐	625.000	645.608	21014680.56	2.6546	A	1.9
5	☐	1250.000	1233.469	42133943.75	5.0714	A	1.0
6	☐	2500.000	2486.483	83627778.33	10.2229	A	0.4
7	☐	5000.000	5008.621	165660203.6	20.5921	A	5.7
8	☐			127429.48	0.0182	P	9.1

$$y = 0.0041 * x + 2.7397\text{E-}004$$

$$R = 1.0000$$

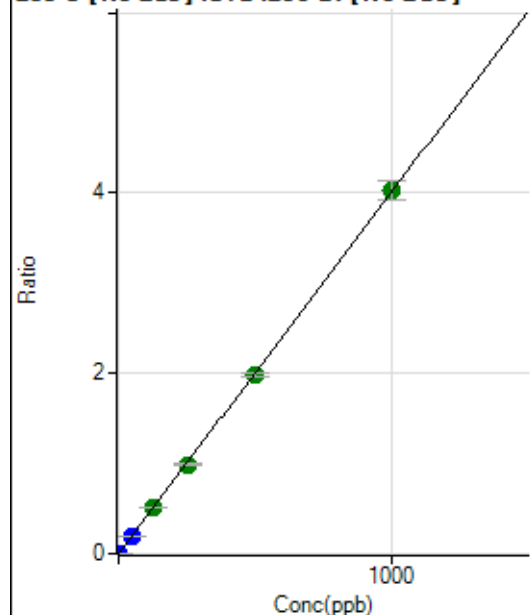
$$DL = 0.01231$$

$$BEC = 0.06664$$

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	62.22	0.0000	P	14.2
2	☐	1.000	0.939	30387.52	0.0038	P	2.8
3	☐	50.000	47.587	1621867.15	0.1908	P	6.4
4	☐	125.000	127.972	4061270.67	0.5131	A	2.3
5	☐	250.000	245.669	8183470.50	0.9850	A	1.6
6	☐	500.000	494.770	16226815.87	1.9837	A	1.2
7	☐	1000.000	1003.447	32368971.46	4.0231	A	5.4
8	☐			8610.43	0.0012	P	36.3

$$y = 0.0040 * x + 7.8889E-006$$

$$R = 1.0000$$

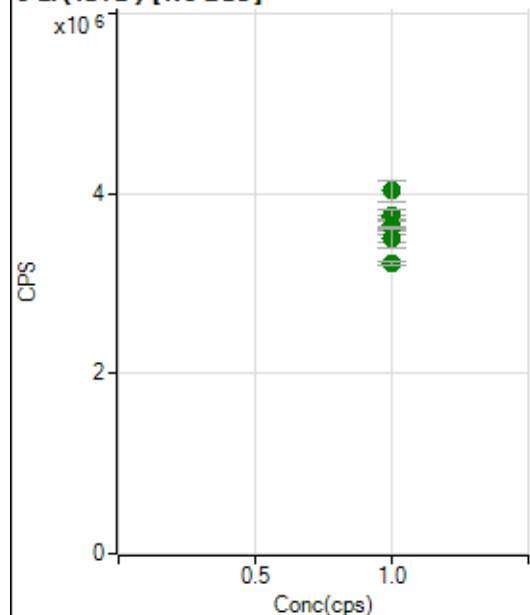
$$DL = 0.0008377$$

$$BEC = 0.001968$$

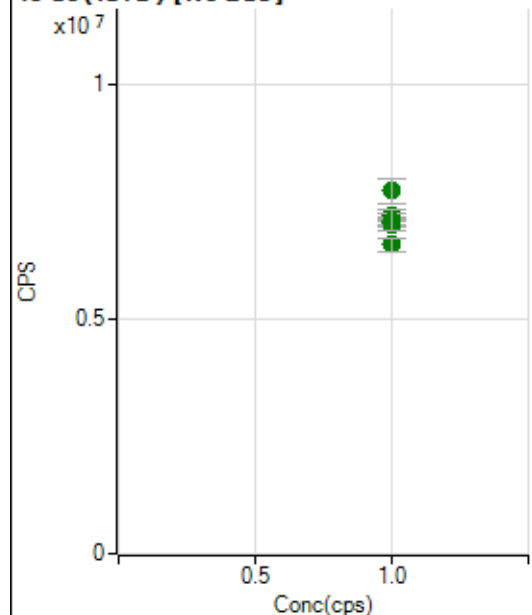
Weight: <None>

Min Conc: 0

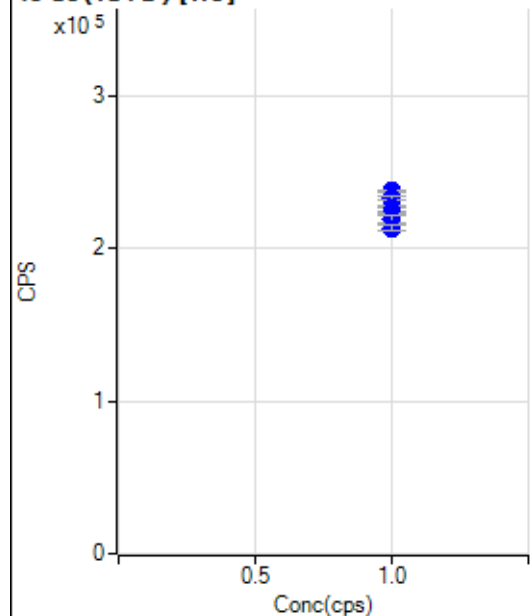
6 Li (ISTD) [No Gas]



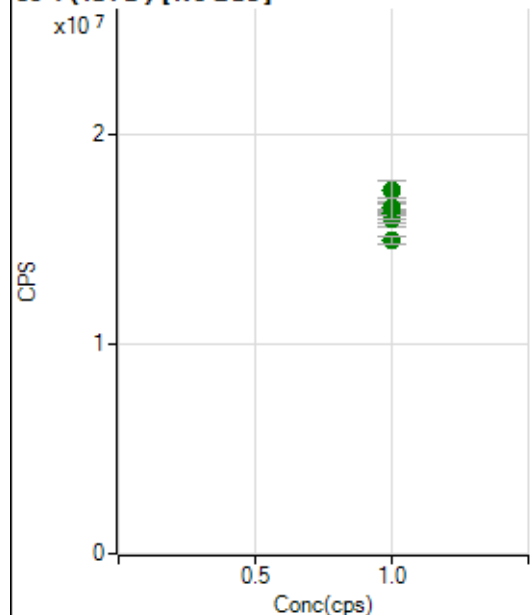
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3732032.88		A	1.9
2	☐	1.000		3772295.58		A	3.1
3	☐	1.000		4033535.37		A	5.7
4	☐	1.000		3648766.93		A	2.6
5	☐	1.000		3624547.41		A	0.4
6	☐	1.000		3505936.40		A	1.9
7	☐	1.000		3507970.96		A	6.2
8	☐	1.000		3228604.79		A	1.3

45 Sc (ISTD) [No Gas]

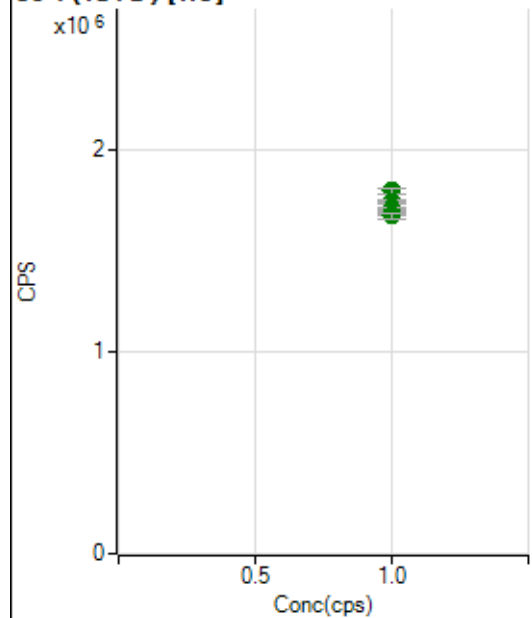
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7008466.77		A	3.6
2	☐	1.000		7193070.03		A	2.3
3	☐	1.000		7741406.07		A	6.8
4	☐	1.000		7064011.49		A	2.4
5	☐	1.000		7229190.79		A	1.2
6	☐	1.000		7055618.71		A	1.0
7	☐	1.000		7116618.30		A	6.1
8	☐	1.000		6590789.07		A	4.0

45 Sc (ISTD) [He]

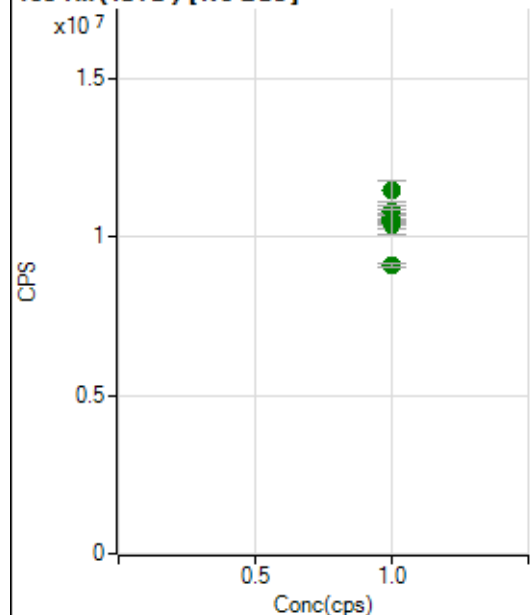
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		233260.90		P	1.2
2	☐	1.000		237631.62		P	0.7
3	☐	1.000		233208.08		P	1.4
4	☐	1.000		227311.97		P	0.7
5	☐	1.000		223855.86		P	0.4
6	☐	1.000		222772.96		P	0.7
7	☐	1.000		219076.00		P	2.0
8	☐	1.000		213357.05		P	1.7

89 Y (ISTD) [No Gas]

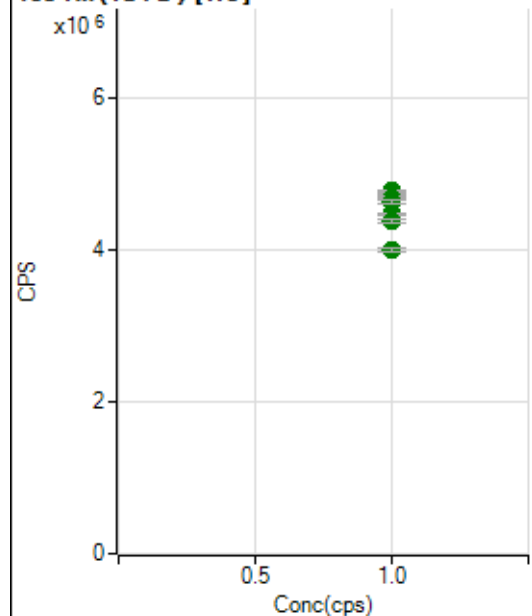
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15949400.59		A	4.3
2	☐	1.000		16325861.70		A	4.6
3	☐	1.000		17337210.85		A	6.1
4	☐	1.000		16016855.32		A	2.4
5	☐	1.000		16333181.01		A	1.6
6	☐	1.000		16285665.31		A	1.0
7	☐	1.000		16513961.01		A	5.9
8	☐	1.000		14978555.19		A	2.2

89 Y (ISTD) [He]

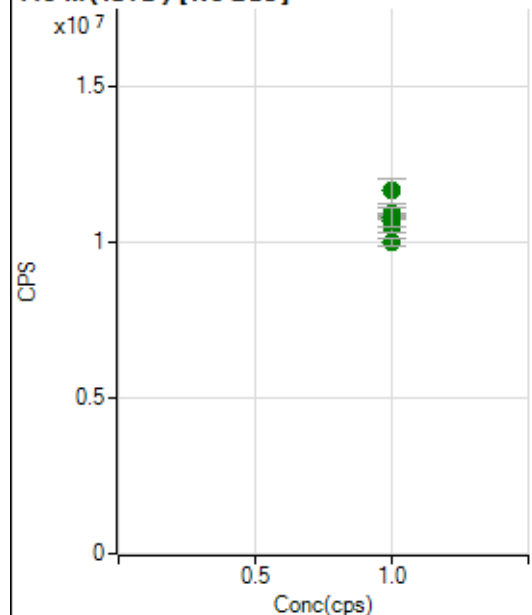
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1711954.61		A	0.5
2	☐	1.000		1797205.16		A	1.5
3	☐	1.000		1746027.04		A	0.5
4	☐	1.000		1717643.48		A	1.4
5	☐	1.000		1700583.60		A	1.0
6	☐	1.000		1685855.79		A	1.6
7	☐	1.000		1685365.32		A	3.2
8	☐	1.000		1672073.31		A	2.1

103 Rh (ISTD) [No Gas]

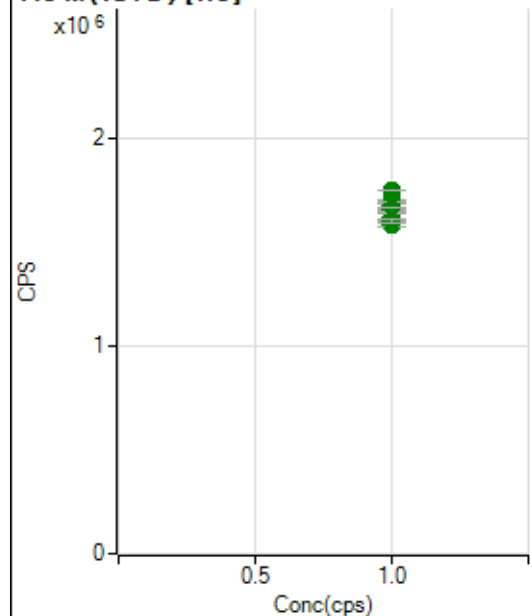
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10606091.23		A	3.2
2	☐	1.000		10783091.23		A	3.9
3	☐	1.000		11457734.83		A	6.0
4	☐	1.000		10404401.79		A	2.5
5	☐	1.000		10541406.44		A	2.8
6	☐	1.000		10430562.83		A	1.1
7	☐	1.000		10485532.62		A	7.4
8	☐	1.000		9135458.20		A	1.3

103 Rh (ISTD) [He]

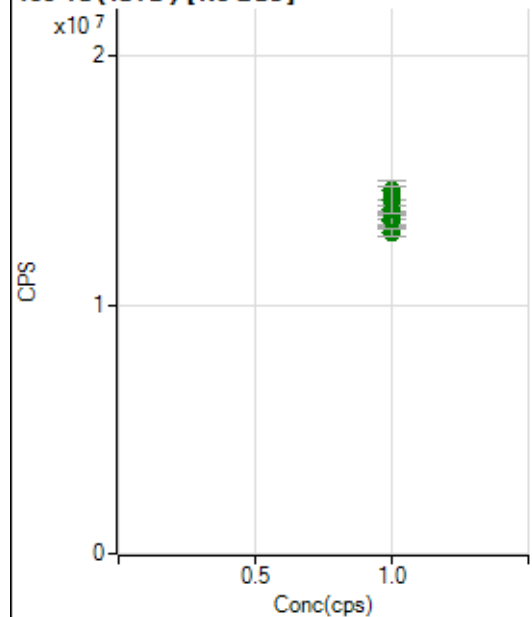
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4708301.21		A	1.2
2	☐	1.000		4774613.54		A	0.3
3	☐	1.000		4684520.76		A	1.1
4	☐	1.000		4637770.76		A	1.5
5	☐	1.000		4633418.44		A	0.9
6	☐	1.000		4469878.06		A	0.7
7	☐	1.000		4375619.55		A	0.9
8	☐	1.000		3997699.00		A	1.5

115 In (ISTD) [No Gas]

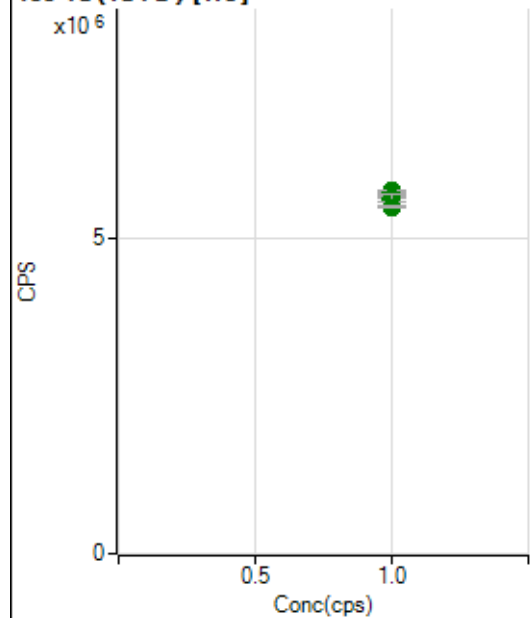
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10496082.98		A	4.2
2	☐	1.000		10919819.19		A	3.9
3	☐	1.000		11641072.09		A	6.6
4	☐	1.000		10690858.45		A	3.6
5	☐	1.000		10858114.26		A	1.3
6	☐	1.000		10837650.16		A	0.8
7	☐	1.000		10783723.18		A	5.4
8	☐	1.000		10000538.24		A	2.7

115 In (ISTD) [He]

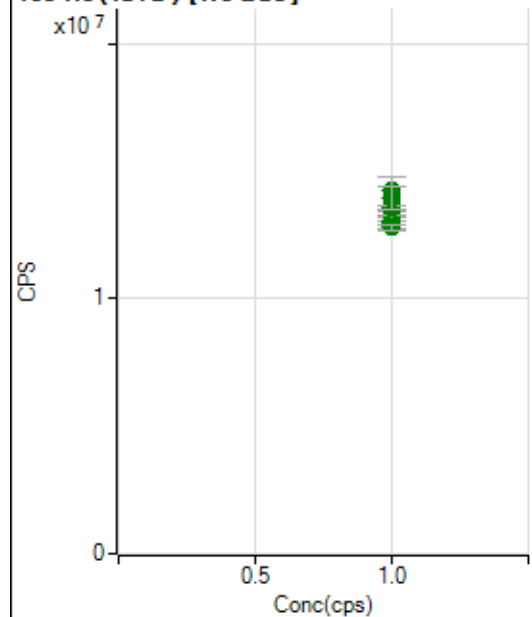
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1697966.77		A	0.5
2	☐	1.000		1745156.20		A	0.1
3	☐	1.000		1683590.14		A	0.6
4	☐	1.000		1671518.97		A	2.0
5	☐	1.000		1655058.96		A	1.5
6	☐	1.000		1617024.80		A	2.0
7	☐	1.000		1584784.04		A	1.7
8	☐	1.000		1599726.61		A	0.8

159 Tb (ISTD) [No Gas]

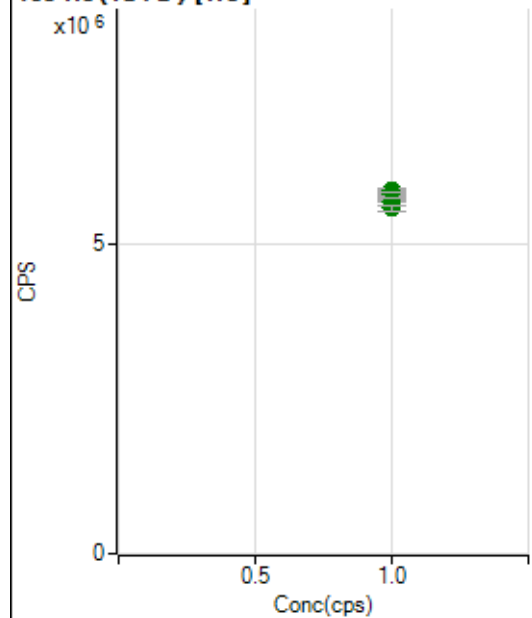
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13359893.00		A	4.1
2	☐	1.000		13340351.75		A	1.9
3	☐	1.000		14577693.39		A	5.3
4	☐	1.000		13435063.83		A	4.3
5	☐	1.000		13861606.18		A	2.3
6	☐	1.000		14021129.10		A	0.0
7	☐	1.000		14205415.62		A	7.5
8	☐	1.000		12886913.56		A	2.5

159 Tb (ISTD) [He]

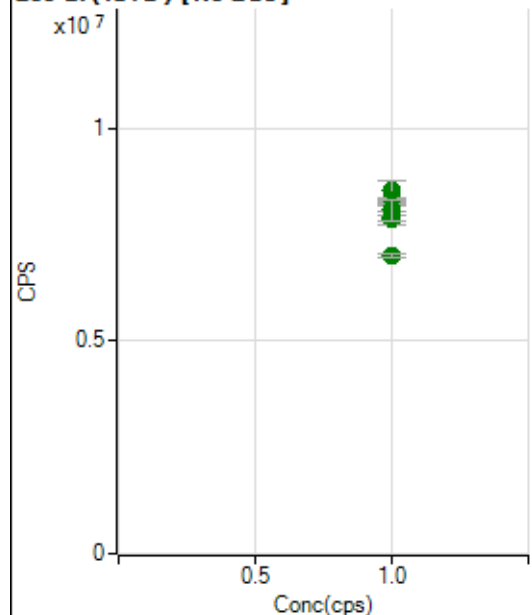
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5606037.62		A	1.3
2	☐	1.000		5752135.54		A	0.7
3	☐	1.000		5732938.04		A	0.9
4	☐	1.000		5720882.00		A	1.0
5	☐	1.000		5656063.04		A	0.7
6	☐	1.000		5739398.11		A	1.0
7	☐	1.000		5651129.99		A	2.3
8	☐	1.000		5501077.90		A	0.8

165 Ho (ISTD) [No Gas]

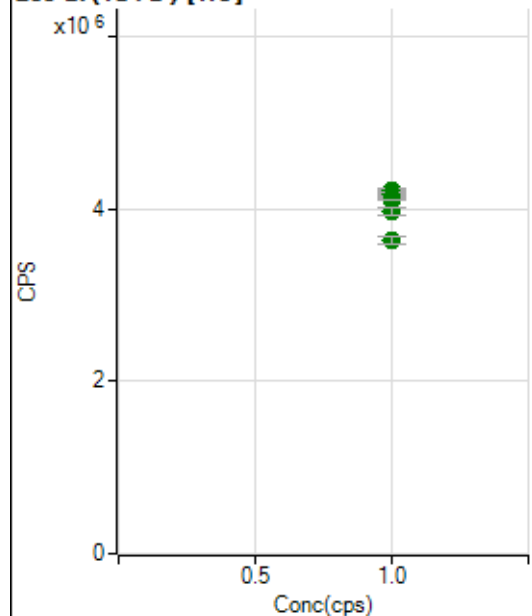
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12952393.84		A	3.6
2	☐	1.000		13241084.11		A	3.0
3	☐	1.000		14224189.92		A	7.9
4	☐	1.000		13068914.25		A	2.8
5	☐	1.000		13592917.30		A	1.2
6	☐	1.000		13552487.30		A	0.9
7	☐	1.000		13959785.90		A	6.6
8	☐	1.000		12804932.59		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5716187.07		A	0.9
2	☐	1.000		5819381.79		A	0.5
3	☐	1.000		5831326.79		A	1.4
4	☐	1.000		5866034.84		A	1.3
5	☐	1.000		5741333.04		A	0.6
6	☐	1.000		5813815.68		A	0.6
7	☐	1.000		5701957.76		A	2.3
8	☐	1.000		5582988.32		A	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7872634.19		A	3.7
2	☐	1.000		8057252.66		A	2.9
3	☐	1.000		8521033.21		A	5.7
4	☐	1.000		7918511.90		A	2.5
5	☐	1.000		8307905.85		A	0.6
6	☐	1.000		8180494.53		A	0.5
7	☐	1.000		8064203.98		A	6.3
8	☐	1.000		7011303.30		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4154969.94		A	1.6
2	☐	1.000		4194471.53		A	1.1
3	☐	1.000		4211883.34		A	1.9
4	☐	1.000		4166606.22		A	1.4
5	☐	1.000		4131289.94		A	0.5
6	☐	1.000		4106624.45		A	0.2
7	☐	1.000		3975405.77		A	2.4
8	☐	1.000		3638820.74		A	2.0