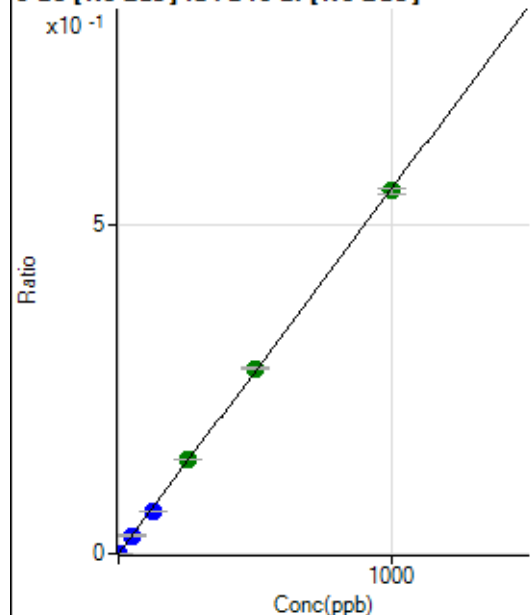


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8120624MS2.b\
 Analysis File: P8120624MS2.batch.bin
 DA Date-Time: 2024-12-09 17:09:35
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-06 14:14:00
2	005CALS.d	S02	2024-12-06 14:17:18
3	007CALS.d	S03	2024-12-06 14:23:56
4	008CALS.d	S04	2024-12-06 14:26:57
5	009CALS.d	S05	2024-12-06 14:29:48
6	010CALS.d	S06	2024-12-06 14:32:35
7	011CALS.d	S07	2024-12-06 14:35:20
8	013CALS.d	S08	2024-12-06 14:46:26

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	336.21	0.0000	P	8.5
2	☐	1.000	1.071	8008.69	0.0006	P	1.6
3	☐	50.000	49.893	355417.33	0.0278	P	1.2
4	☐	125.000	116.900	841012.00	0.0650	P	0.7
5	☐	250.000	257.993	1816786.51	0.1435	A	0.2
6	☐	500.000	508.488	3489892.99	0.2828	A	1.8
7	☐	1000.000	994.775	6839525.02	0.5532	A	1.8
8	☐			813.26	0.0001	P	0.1

$$y = 5.5611\text{E-}004 * x + 2.7940\text{E-}005$$

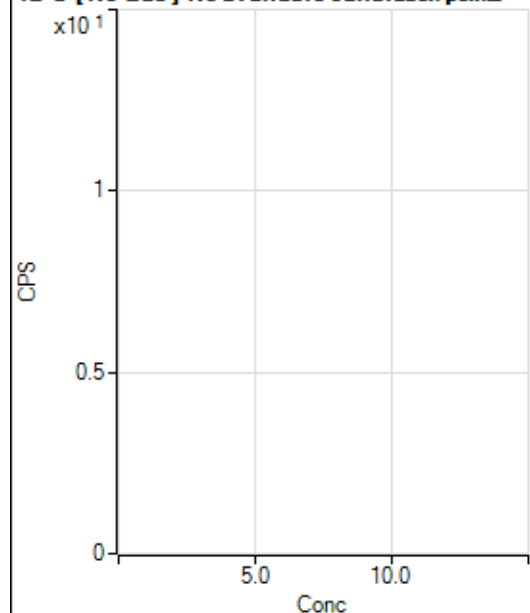
$$R = 0.9999$$

$$DL = 0.01277$$

$$BEC = 0.05024$$

Weight: <None>

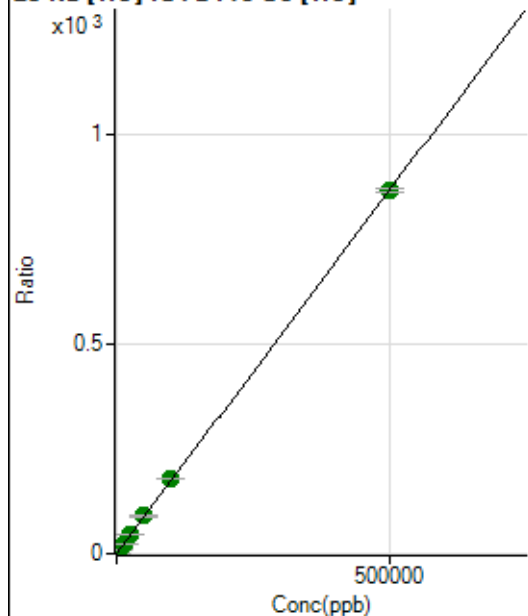
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4461568.55		A	0.9
2	☐			4455385.04		A	0.4
3	☐			4658588.72		A	0.5
4	☐			4891928.50		A	0.9
5	☐			4845502.33		A	1.0
6	☐			5177734.71		A	2.0
7	☐			6001006.30		A	3.2
8	☐			4716842.50		A	1.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31307.78		P	0.8
2	☐			30813.42		P	0.6
3	☐			32984.72		P	1.7
4	☐			34974.86		P	0.7
5	☐			34826.71		P	0.7
6	☐			38925.89		P	1.6
7	☐			47451.85		P	1.1
8	☐			50132.93		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	76805.08	0.1698	P	0.8
2	☐	500.000	540.279	471486.86	1.1076	P	4.1
3	☐	5000.000	5147.694	3945273.17	9.1049	A	1.7
4	☐	12500.000	12324.592	9247558.75	21.5623	A	0.3
5	☐	25000.000	25535.104	18883712.08	44.4925	A	1.3
6	☐	50000.000	51533.479	37672905.55	89.6193	A	1.2
7	☐	100000.00	103547.67	75394459.43	179.9032	A	0.5
8	☐	500000.00	499113.23	335816881.6	866.5083	A	1.0

$$y = 0.0017 * x + 0.1698$$

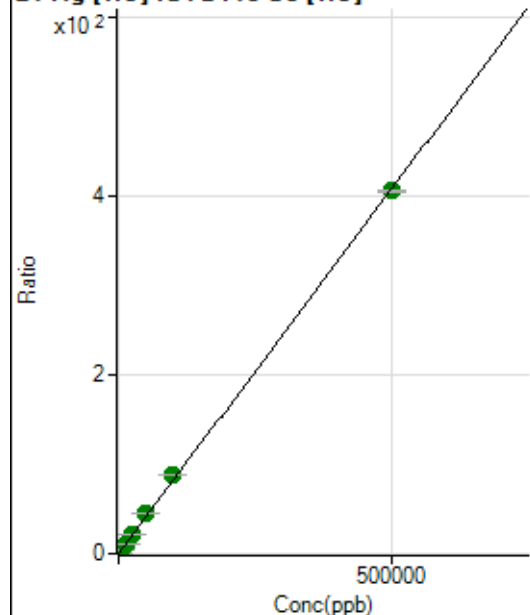
$$R = 1.0000$$

$$DL = 2.434$$

$$BEC = 97.82$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	492.24	0.0011	P	6.0
2	☐	500.000	587.818	204338.43	0.4802	P	5.1
3	☐	5000.000	5561.676	1964621.05	4.5340	A	0.9
4	☐	12500.000	13423.073	4692399.48	10.9412	A	0.2
5	☐	25000.000	27461.449	9499885.48	22.3827	A	1.4
6	☐	50000.000	54506.600	18673564.45	44.4251	A	1.0
7	☐	100000.00	108850.92	37180477.78	88.7169	A	0.2
8	☐	500000.00	497627.30	157182798.7	405.5778	A	0.7

$$y = 8.1502\text{E-}004 * x + 0.0011$$

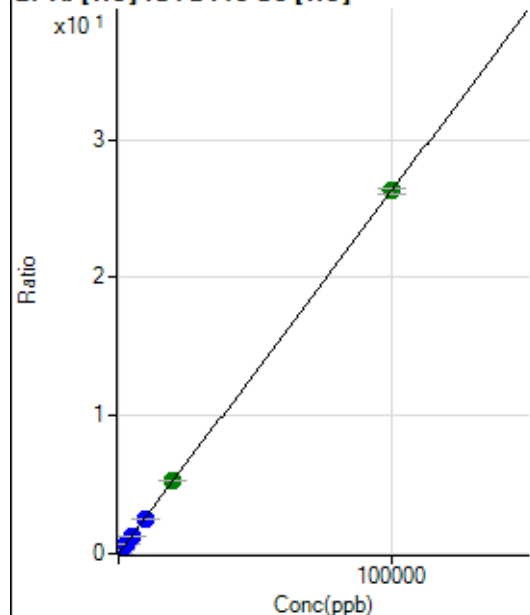
$$R = 0.9998$$

$$DL = 0.2387$$

$$BEC = 1.335$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	151.11	0.0003	P	14.4
2	☐	20.000	20.481	2434.68	0.0057	P	4.4
3	☐	1000.000	973.624	111015.34	0.2562	P	0.8
4	☐	2500.000	2583.646	291340.81	0.6793	P	0.9
5	☐	5000.000	4886.486	545186.95	1.2845	P	1.1
6	☐	10000.000	9519.270	1051665.37	2.5020	P	2.0
7	☐	20000.000	20144.174	2218731.22	5.2942	A	0.5
8	☐	100000.00	100023.08	10187136.59	26.2865	A	1.8

$$y = 2.6280\text{E-}004 * x + 3.3440\text{E-}004$$

$$R = 1.0000$$

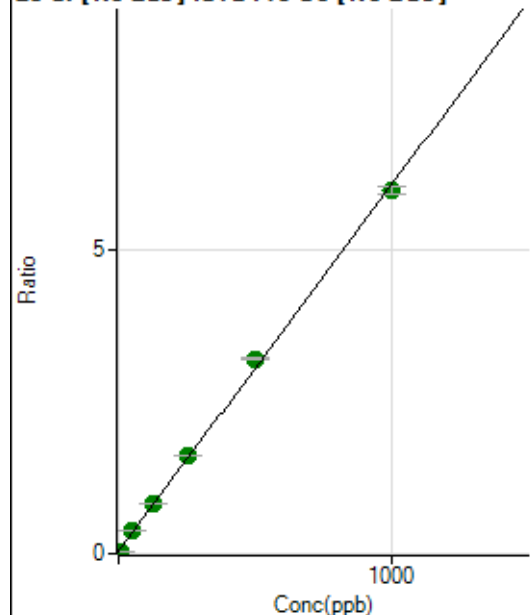
$$DL = 0.5482$$

$$BEC = 1.272$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	818107.96	0.0399	P	6.3
2	☐	10.000	0.354	926145.78	0.0420	A	2.5
3	☐	50.000	55.500	8001417.52	0.3752	A	3.8
4	☐	125.000	129.595	17943582.79	0.8229	A	1.4
5	☐	250.000	262.067	35110767.81	1.6232	A	1.0
6	☐	500.000	525.093	68657522.87	3.2124	A	0.5
7	☐	1000.000	983.684	128667820.3	5.9831	A	2.1
8	☐			857732.19	0.0462	P	0.4

$$y = 0.0060 * x + 0.0399$$

$$R = 0.9993$$

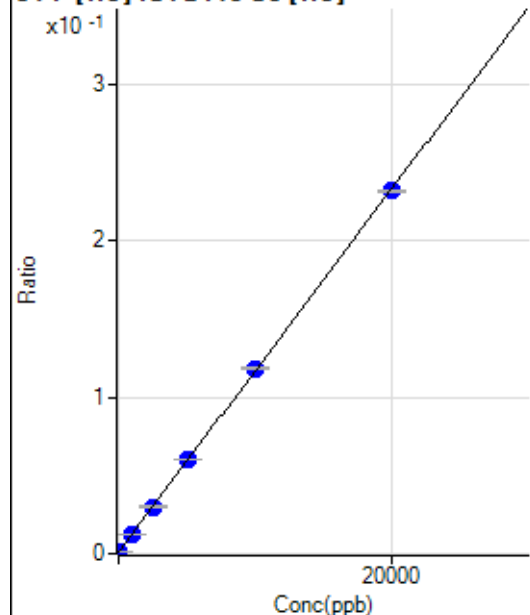
$$DL = 1.24$$

$$BEC = 6.602$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-19.875	318.90	0.0007	P	14.0
2	☐	0.000	19.875	496.68	0.0012	P	3.9
3	☐	1000.000	1005.895	5464.41	0.0126	P	0.3
4	☐	2500.000	2507.134	12881.39	0.0300	P	1.6
5	☐	5000.000	5093.149	25489.11	0.0601	P	1.2
6	☐	10000.000	10135.109	49837.49	0.1186	P	1.7
7	☐	20000.000	19907.972	97230.58	0.2320	P	0.4
8	☐			296.67	0.0008	P	14.7

$$y = 1.1607E-005 * x + 9.3572E-004$$

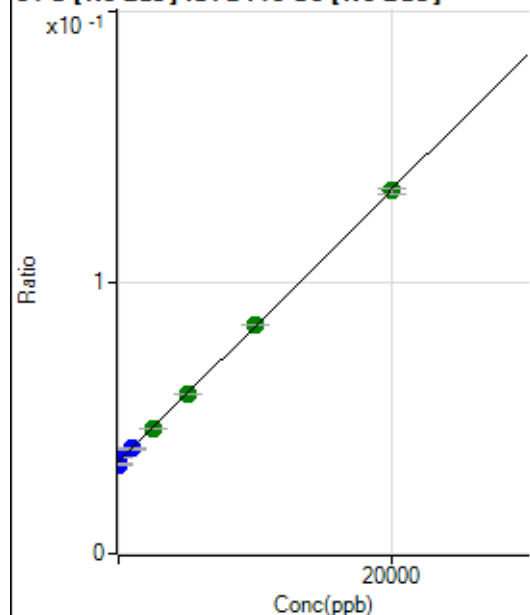
$$R = 1.0000$$

$$DL = 18.62$$

$$BEC = 80.62$$

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	155.296	706589.58	0.0345	P	6.4
2	☐	0.000	-155.296	725026.67	0.0329	P	1.0
3	☐	1000.000	1005.878	825597.23	0.0387	P	1.0
4	☐	2500.000	2459.218	1003141.61	0.0460	A	1.4
5	☐	5000.000	5030.890	1273859.21	0.0589	A	0.5
6	☐	10000.000	10135.340	1805573.41	0.0845	A	0.3
7	☐	20000.000	19929.411	2872655.51	0.1336	A	1.6
8	☐			577573.36	0.0311	P	1.0

$$y = 5.0125E-006 * x + 0.0337$$

R = 0.9999

DL = 756.9

BEC = 6718

Weight: <None>

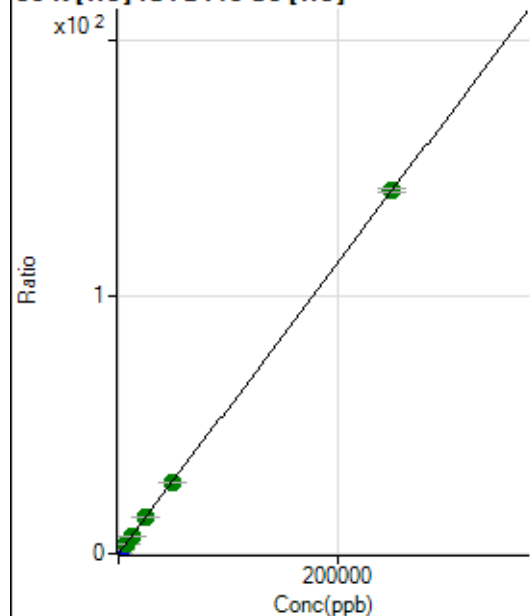
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			76878.12		P	1.2
2	☐			80231.94		P	0.3
3	☐			79565.85		P	0.7
4	☐			161936.61		P	3.7
5	☐			125734.13		P	2.5
6	☐			110712.64		P	0.7
7	☐			144481.36		P	3.5
8	☐			72239.15		P	1.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			294.45		P	8.5
2	☐			331.12		P	22.3
3	☐			343.34		P	7.6
4	☐			684.47		P	11.7
5	☐			524.46		P	12.6
6	☐			482.23		P	9.4
7	☐			676.69		P	7.7
8	☐			304.45		P	8.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18580.96	0.0411	P	0.5
2	☐	500.000	517.769	141831.00	0.3332	P	4.3
3	☐	2500.000	2380.333	599713.21	1.3840	P	0.3
4	☐	6250.000	6089.033	1490948.38	3.4764	A	0.3
5	☐	12500.000	12261.291	2953490.03	6.9587	A	1.0
6	☐	25000.000	24619.145	5855838.24	13.9308	A	0.7
7	☐	50000.000	49012.953	11606467.74	27.6935	A	0.8
8	☐	250000.00	250252.61	54733700.30	141.2300	A	1.1

$$y = 5.6419\text{E-}004 * x + 0.0411$$

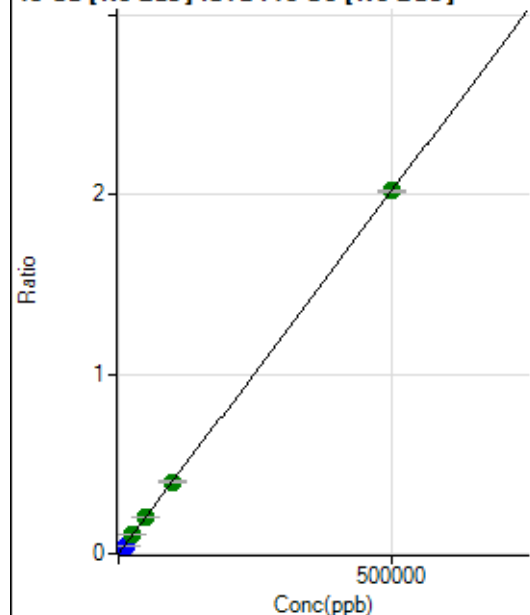
$$R = 1.0000$$

$$DL = 1.183$$

$$BEC = 72.8$$

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	1598.99	0.0001	P	8.0
2	☐	500.000	497.689	46038.91	0.0021	P	2.2
3	☐	5000.000	4888.972	422986.73	0.0198	P	1.0
4	☐	12500.000	11704.458	1033146.76	0.0474	P	0.8
5	☐	25000.000	25466.836	2227936.65	0.1030	A	0.7
6	☐	50000.000	50615.383	4373427.47	0.2046	A	0.6
7	☐	100000.00	98666.905	8576976.68	0.3988	A	1.5
8	☐	500000.00	500202.74	37571312.22	2.0215	A	0.6

$$y = 4.0412\text{E-}006 * x + 7.7928\text{E-}005$$

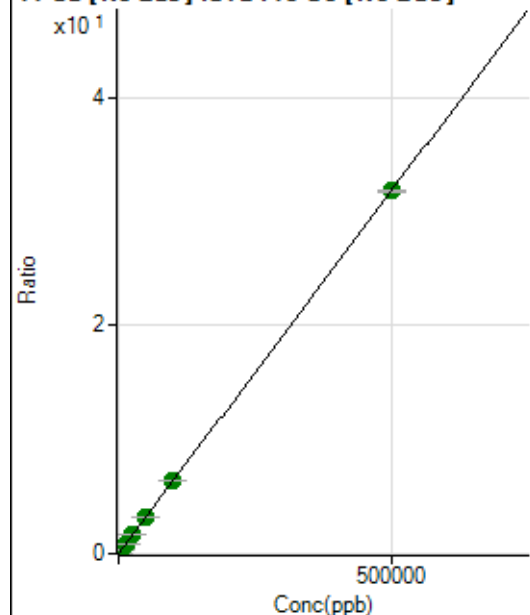
$$R = 1.0000$$

$$DL = 4.603$$

$$BEC = 19.28$$

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	33355.47	0.0016	P	3.8
2	☐	500.000	496.646	732440.74	0.0332	P	1.9
3	☐	5000.000	5124.992	6990764.55	0.3278	A	1.3
4	☐	12500.000	12421.432	17276208.49	0.7923	A	1.0
5	☐	25000.000	25364.072	34956206.15	1.6161	A	0.7
6	☐	50000.000	51008.891	69426388.41	3.2484	A	1.1
7	☐	100000.00	100025.07	136991421.2	6.3683	A	0.9
8	☐	500000.00	499876.61	591352684.5	31.8193	A	0.3

$$y = 6.3651\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

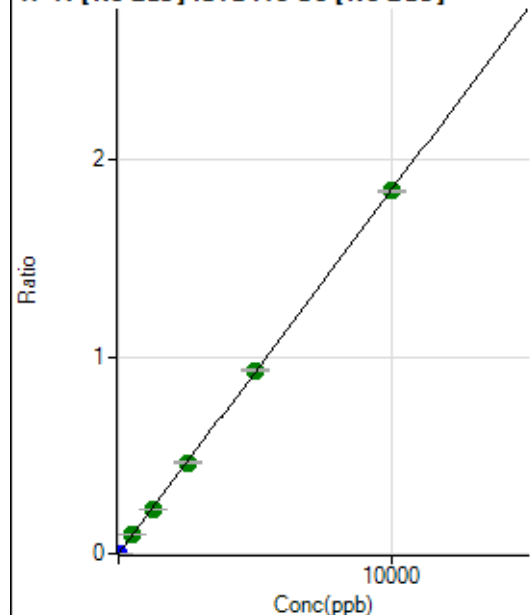
$$DL = 2.887$$

$$BEC = 25.52$$

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	496.68	0.0000	P	3.1
2	☐	5.000	5.017	20944.26	0.0010	P	1.7
3	☐	500.000	519.667	2046332.15	0.0960	A	1.1
4	☐	1250.000	1199.344	4828950.62	0.2214	A	0.7
5	☐	2500.000	2509.117	10020092.70	0.4632	A	0.3
6	☐	5000.000	5049.606	19924601.65	0.9322	A	1.4
7	☐	10000.000	9978.266	39620612.74	1.8421	A	0.9
8	☐			6581.58	0.0004	P	8.2

$$y = 1.8461\text{E-}004 * x + 2.4179\text{E-}005$$

$$R = 1.0000$$

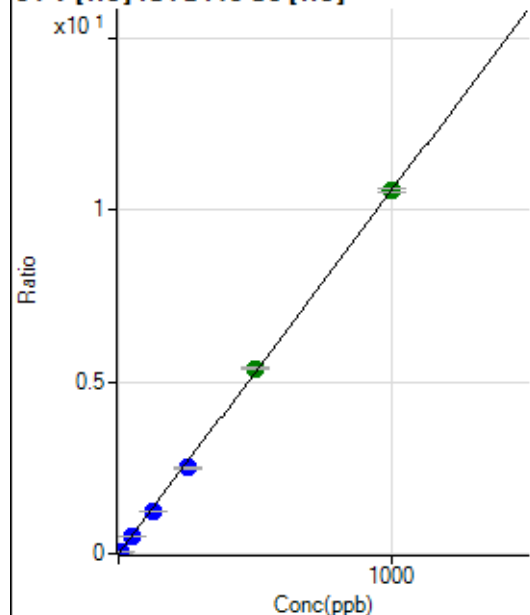
$$DL = 0.01235$$

$$BEC = 0.131$$

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	26.67	0.0001	P	33.3
2	☐	5.000	5.209	23425.88	0.0550	P	3.7
3	☐	50.000	47.307	216328.73	0.4992	P	0.4
4	☐	125.000	114.310	517348.15	1.2063	P	0.6
5	☐	250.000	236.024	1057102.60	2.4906	P	1.0
6	☐	500.000	511.061	2267028.79	5.3929	A	0.6
7	☐	1000.000	999.434	4419693.48	10.5463	A	1.1
8	☐			541.13	0.0014	P	14.2

$$y = 0.0106 * x + 5.8987\text{E-}005$$

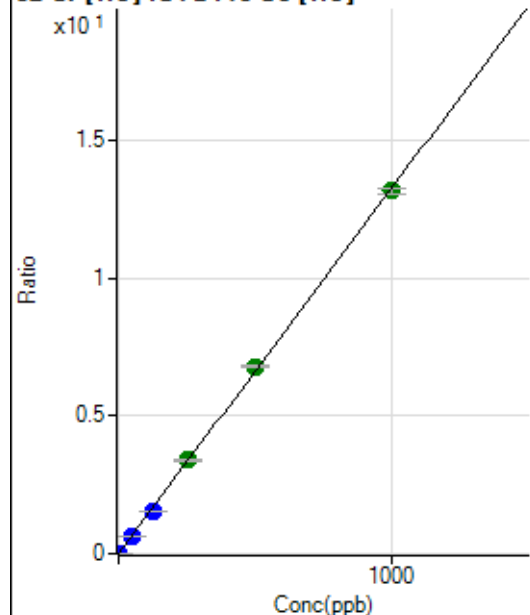
$$R = 0.9998$$

$$DL = 0.005578$$

$$BEC = 0.00559$$

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	1096.72	0.0024	P	2.3
2	☐	2.000	2.113	12942.61	0.0304	P	7.9
3	☐	50.000	48.402	279173.61	0.6443	P	0.4
4	☐	125.000	117.137	667244.19	1.5558	P	0.9
5	☐	250.000	256.461	1444503.28	3.4034	A	1.2
6	☐	500.000	511.951	2854825.90	6.7914	A	0.6
7	☐	1000.000	993.472	5522185.12	13.1769	A	1.3
8	☐			7454.80	0.0192	P	7.8

$$y = 0.0133 * x + 0.0024$$

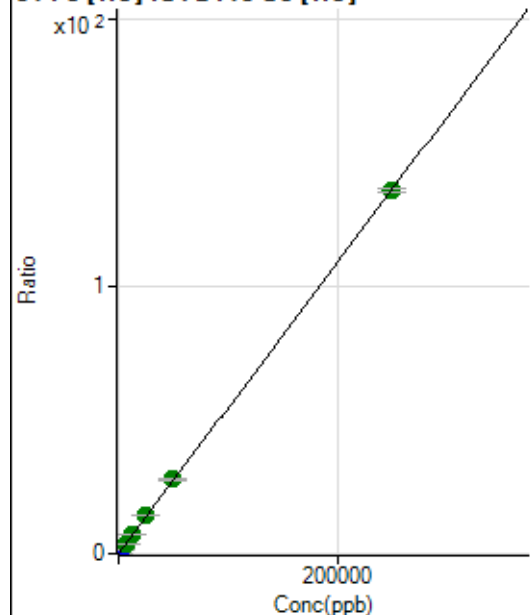
$$R = 0.9998$$

$$DL = 0.01252$$

$$BEC = 0.1828$$

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	506.68	0.0011	P	11.2
2	☐	50.000	57.333	13744.49	0.0323	P	6.8
3	☐	2500.000	2529.239	596756.81	1.3772	P	0.3
4	☐	6250.000	6621.014	1545424.47	3.6034	A	0.8
5	☐	12500.000	13489.996	3115742.77	7.3406	A	1.0
6	☐	25000.000	26538.432	6069999.08	14.4399	A	0.9
7	☐	50000.000	51181.749	11670414.27	27.8476	A	1.3
8	☐	250000.00	249550.73	52618882.55	135.7742	A	1.2

$$y = 5.4407E-004 * x + 0.0011$$

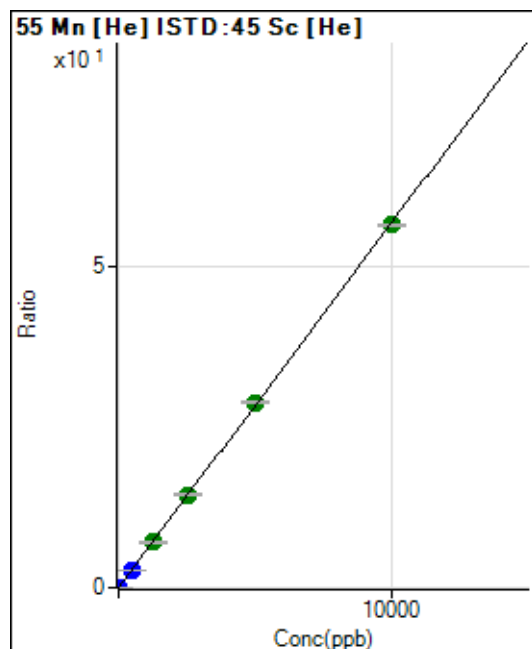
$$R = 1.0000$$

$$DL = 0.6929$$

$$BEC = 2.057$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.23	0.0006	P	9.1
2	☐	1.000	1.066	2815.86	0.0066	P	6.2
3	☐	500.000	485.590	1195703.70	2.7595	P	0.2
4	☐	1250.000	1243.943	3031328.99	7.0681	A	1.4
5	☐	2500.000	2553.006	6157065.88	14.5056	A	0.5
6	☐	5000.000	5081.979	12137949.54	28.8741	A	0.4
7	☐	10000.000	9947.237	23684899.37	56.5163	A	0.7
8	☐			6784.99	0.0175	P	0.8

$$y = 0.0057 * x + 5.5725E-004$$

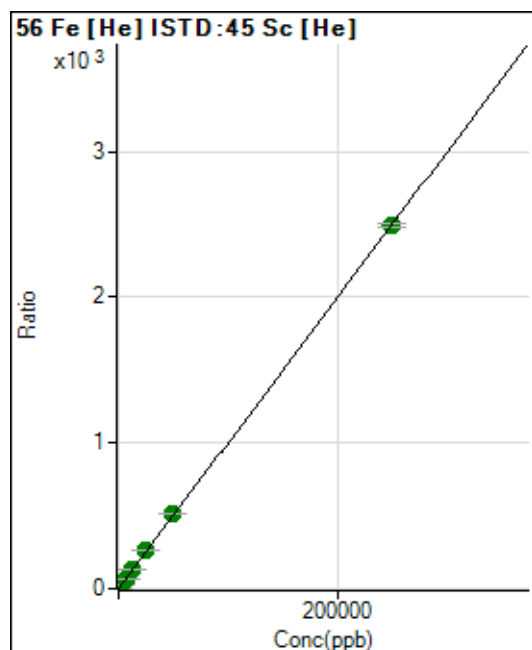
$$R = 0.9999$$

$$DL = 0.0267$$

$$BEC = 0.09808$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5949.07	0.0132	P	2.8
2	☐	50.000	55.635	241779.00	0.5681	P	4.8
3	☐	2500.000	2636.324	11399984.97	26.3093	A	1.9
4	☐	6250.000	6447.704	27587663.20	64.3261	A	1.0
5	☐	12500.000	13112.938	55519775.28	130.8087	A	0.9
6	☐	25000.000	26021.096	109104915.0	259.5617	A	0.9
7	☐	50000.000	51198.756	214029903.4	510.6974	A	0.2
8	☐	250000.00	249621.18	964942065.6	2.489.870	A	1.0

$$y = 0.0100 * x + 0.0132$$

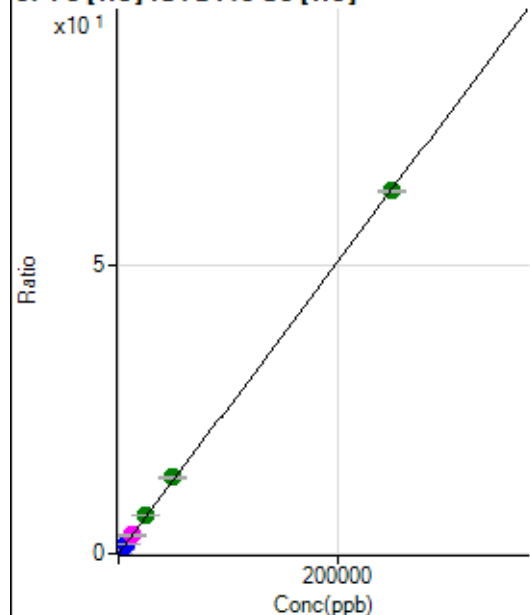
$$R = 1.0000$$

$$DL = 0.111$$

$$BEC = 1.319$$

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	186.67	0.0004	P	13.0
2	☐	50.000	55.748	6135.83	0.0144	P	8.2
3	☐	2500.000	2504.010	273019.65	0.6301	P	1.0
4	☐	6250.000	6124.553	660690.60	1.5405	P	0.5
5	☐	12500.000	12669.702	1352760.55	3.1864	M	2.9
6	☐	25000.000	26377.295	2788405.13	6.6334	A	0.6
7	☐	50000.000	52349.880	5516919.43	13.1645	A	1.3
8	☐	250000.00	249386.90	24304395.19	62.7122	A	0.7

$$y = 2.5146\text{E-}004 * x + 4.1289\text{E-}004$$

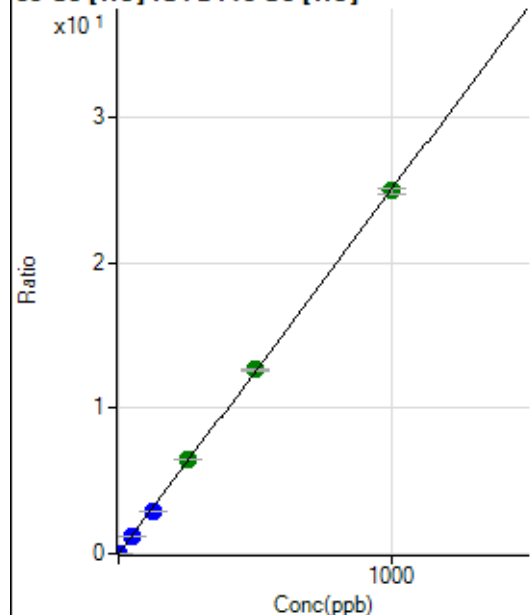
$$R = 0.9999$$

$$DL = 0.6428$$

$$BEC = 1.642$$

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	136.67	0.0003	P	25.6
2	☐	1.000	1.111	11980.68	0.0281	P	2.9
3	☐	50.000	48.495	526471.58	1.2150	P	0.6
4	☐	125.000	116.037	1246634.63	2.9068	P	0.9
5	☐	250.000	257.634	2739427.42	6.4534	A	1.1
6	☐	500.000	506.118	5328768.98	12.6774	A	1.0
7	☐	1000.000	996.228	10457407.27	24.9535	A	1.3
8	☐			19040.58	0.0491	P	0.9

$$y = 0.0250 * x + 3.0217\text{E-}004$$

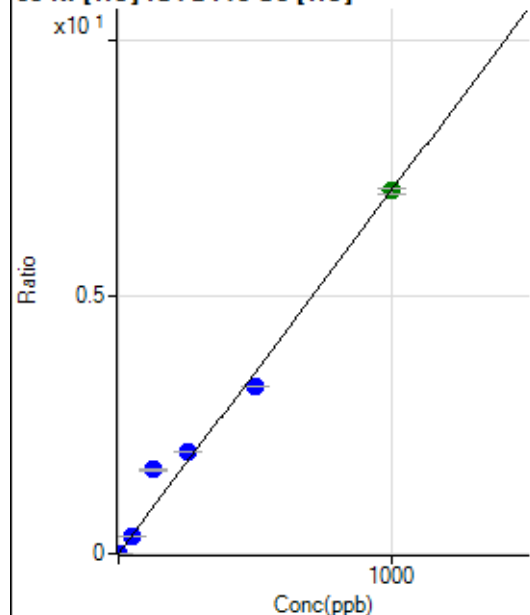
$$R = 0.9999$$

$$DL = 0.00926$$

$$BEC = 0.01206$$

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	607.80	0.0013	P	5.4
2	☐	1.000	1.086	3840.56	0.0090	P	3.5
3	☐	50.000	48.271	148428.30	0.3425	P	0.8
4	☐	125.000	230.546	699475.95	1.6310	P	0.6
5	☐	250.000	280.001	840617.38	1.9805	P	0.7
6	☐	500.000	460.593	1369066.28	3.2571	P	0.9
7	☐	1000.000	999.096	2960132.25	7.0635	A	1.4
8	☐			5837.92	0.0151	P	2.4

$$y = 0.0071 * x + 0.0013$$

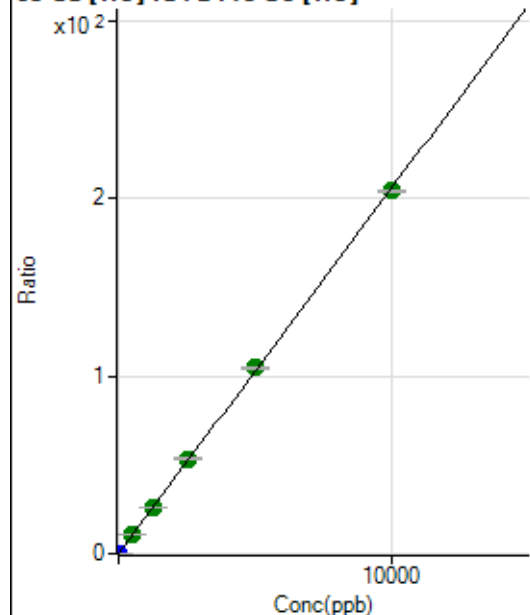
$$R = 0.9924$$

$$DL = 0.03087$$

$$BEC = 0.1901$$

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	4226.23	0.0093	P	4.0
2	☐	2.000	2.093	22324.33	0.0524	P	3.9
3	☐	500.000	534.539	4772797.26	11.0147	A	0.9
4	☐	1250.000	1262.270	11149643.86	25.9976	A	0.9
5	☐	2500.000	2591.281	22647667.72	53.3599	A	1.4
6	☐	5000.000	5091.277	44063794.90	104.8311	A	1.2
7	☐	10000.000	9928.280	85666769.83	204.4178	A	0.9
8	☐			12489.99	0.0322	P	3.3

$$y = 0.0206 * x + 0.0093$$

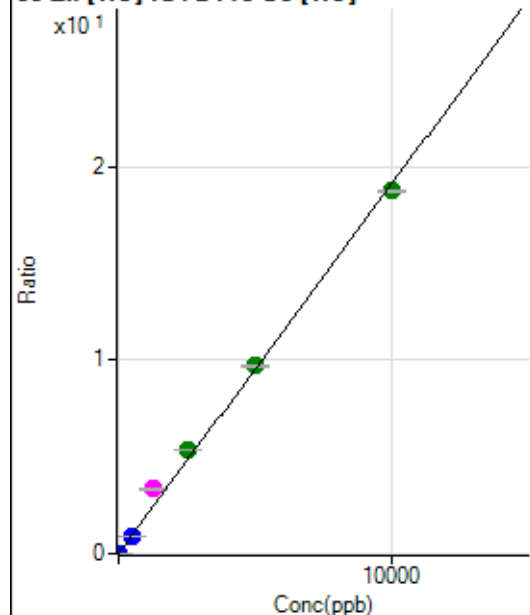
$$R = 0.9999$$

$$DL = 0.0542$$

$$BEC = 0.4538$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1072.27	0.0024	P	5.2
2	☐	2.000	5.594	5556.71	0.0131	P	5.3
3	☐	500.000	484.673	402267.80	0.9284	P	0.3
4	☐	1250.000	1744.652	1430594.56	3.3356	M	2.3
5	☐	2500.000	2805.392	2275902.62	5.3622	A	1.1
6	☐	5000.000	5082.254	4082459.49	9.7123	A	0.9
7	☐	10000.000	9821.459	7865166.55	18.7667	A	0.6
8	☐			2320.21	0.0060	P	2.6

$$y = 0.0019 * x + 0.0024$$

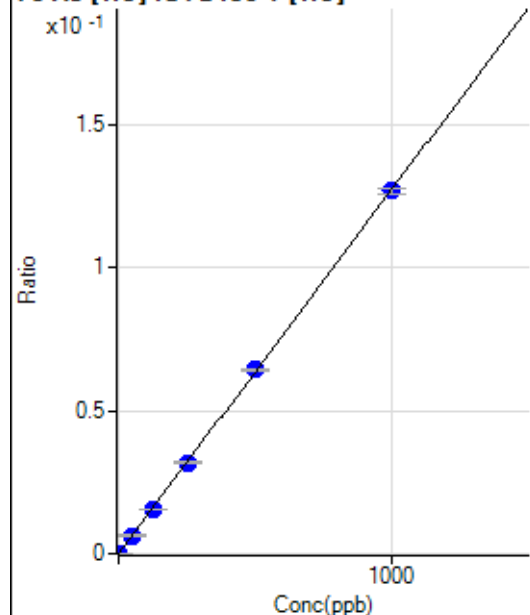
$$R = 0.9983$$

$$DL = 0.1953$$

$$BEC = 1.241$$

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	43.2
2	☐	1.000	1.382	621.13	0.0002	P	6.8
3	☐	50.000	50.059	22949.94	0.0064	P	2.4
4	☐	125.000	123.111	55187.64	0.0157	P	1.1
5	☐	250.000	249.868	112783.71	0.0318	P	1.6
6	☐	500.000	506.110	224992.89	0.0643	P	1.0
7	☐	1000.000	997.211	439369.31	0.1268	P	1.8
8	☐			203.34	0.0001	P	14.8

$$y = 1.2712E-004 * x + 2.4071E-006$$

$$R = 1.0000$$

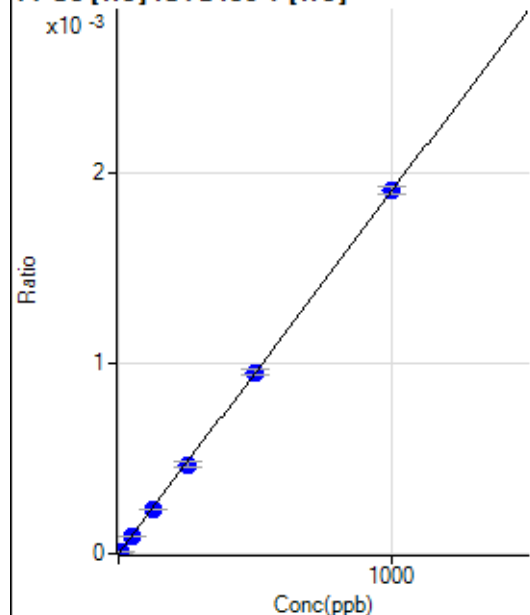
$$DL = 0.02452$$

$$BEC = 0.01894$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.6
2	☐	5.000	4.569	33.33	0.0000	P	13.4
3	☐	50.000	48.408	335.56	0.0001	P	5.7
4	☐	125.000	121.452	818.92	0.0002	P	3.8
5	☐	250.000	245.203	1662.34	0.0005	P	6.1
6	☐	500.000	500.289	3335.98	0.0010	P	3.2
7	☐	1000.000	1001.580	6616.08	0.0019	P	2.0
8	☐			1.11	0.0000	P	173.

$$y = 1.9049\text{E-}006 * x + 9.0190\text{E-}007$$

$$R = 1.0000$$

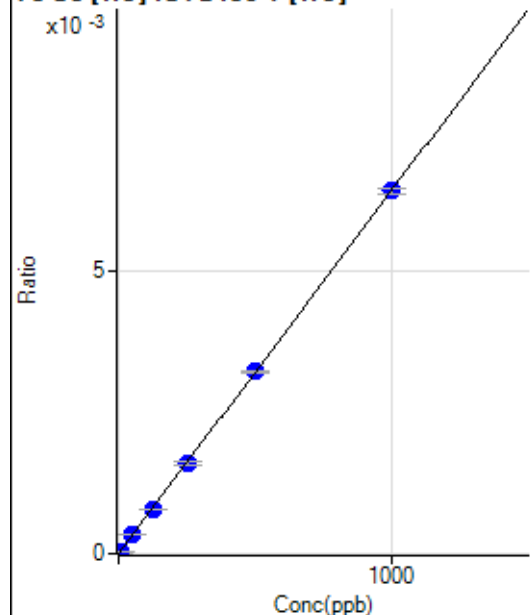
$$DL = 0.02248$$

$$BEC = 0.4735$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	32.4
2	☐	5.000	6.101	146.67	0.0000	P	16.0
3	☐	50.000	52.299	1222.29	0.0003	P	4.1
4	☐	125.000	122.102	2776.97	0.0008	P	2.4
5	☐	250.000	249.265	5697.88	0.0016	P	4.2
6	☐	500.000	501.589	11284.61	0.0032	P	1.3
7	☐	1000.000	999.631	22281.05	0.0064	P	1.5
8	☐			14.44	0.0000	P	35.5

$$y = 6.4281\text{E-}006 * x + 2.7041\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.409$$

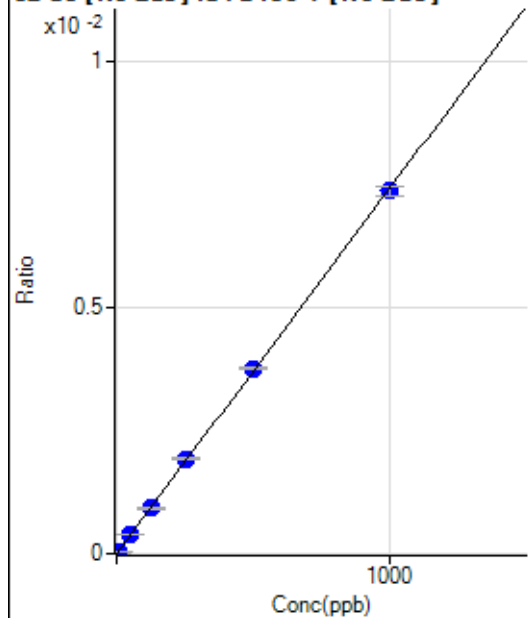
$$BEC = 0.4207$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11046.67		P	2.8
2	☐			11200.13		P	2.7
3	☐			10716.41		P	3.6
4	☐			10790.90		P	1.8
5	☐			10519.59		P	2.1
6	☐			10277.19		P	1.0
7	☐			10598.54		P	1.6
8	☐			13195.20		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.56	0.0000	P	128.
2	☐	5.000	5.496	2031.33	0.0000	P	2.4
3	☐	50.000	53.043	18865.45	0.0004	P	0.6
4	☐	125.000	123.927	44964.98	0.0009	P	2.1
5	☐	250.000	259.512	92923.96	0.0019	P	1.2
6	☐	500.000	507.412	183173.43	0.0038	P	0.6
7	☐	1000.000	993.896	361419.58	0.0074	P	2.3
8	☐			-141.12	0.0000	P	-44.

$$y = 7.4049E-006 * x + 5.9165E-007$$

$$R = 0.9999$$

$$DL = 0.307$$

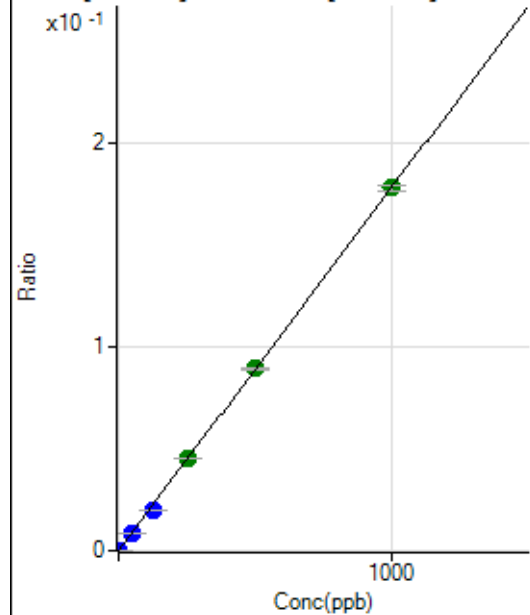
$$BEC = 0.0799$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			301.12		P	11.8
2	☐			320.01		P	4.2
3	☐			328.90		P	9.2
4	☐			321.12		P	11.7
5	☐			333.34		P	5.3
6	☐			347.78		P	6.2
7	☐			374.45		P	10.1
8	☐			692.25		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	570.02	0.0000	P	16.3
2	☐	1.000	1.003	9407.69	0.0002	P	2.6
3	☐	50.000	48.149	412279.61	0.0086	P	0.9
4	☐	125.000	112.979	986981.70	0.0202	P	1.1
5	☐	250.000	254.481	2193966.32	0.0454	A	1.1
6	☐	500.000	501.905	4362208.34	0.0895	A	1.2
7	☐	1000.000	999.522	8752284.45	0.1782	A	1.6
8	☐			21232.92	0.0005	P	3.3

$$y = 1.7828E-004 * x + 1.2473E-005$$

$$R = 0.9999$$

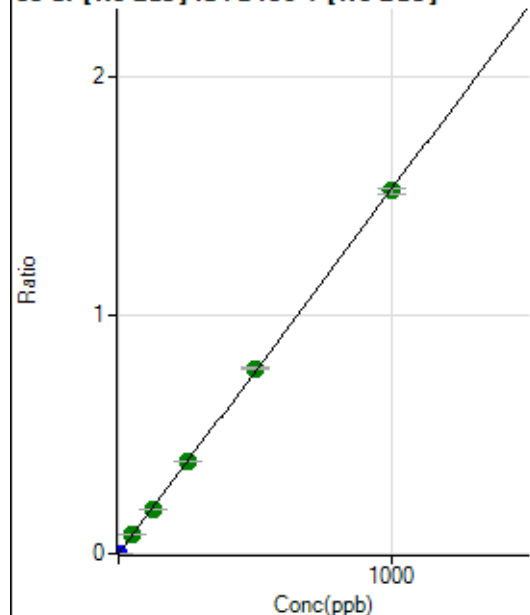
$$DL = 0.03424$$

$$BEC = 0.06996$$

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	786.70	0.0000	P	10.4
2	☐	1.000	1.002	76203.15	0.0015	P	1.3
3	☐	50.000	51.719	3793506.02	0.0791	A	1.2
4	☐	125.000	121.030	9063195.07	0.1851	A	1.1
5	☐	250.000	253.256	18720920.28	0.3873	A	0.9
6	☐	500.000	507.862	37852245.27	0.7765	A	0.8
7	☐	1000.000	995.665	74764964.44	1.5224	A	1.7
8	☐			178012.76	0.0042	P	2.4

$$y = 0.0015 * x + 1.7116E-005$$

$$R = 0.9999$$

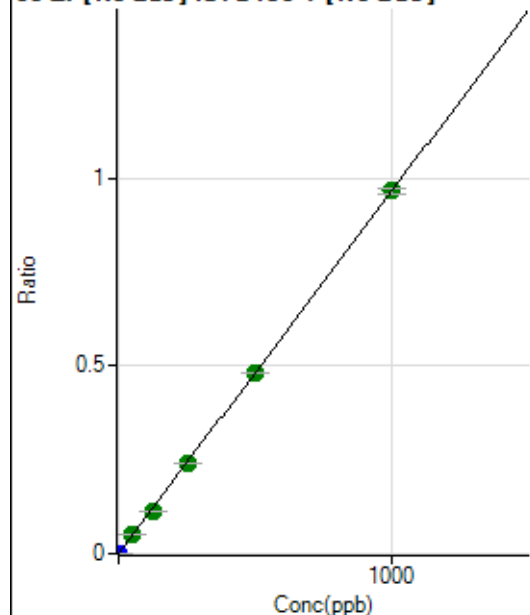
$$DL = 0.003502$$

$$BEC = 0.01119$$

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	1756.79	0.0000	P	2.5
2	☐	1.000	0.949	46939.95	0.0010	P	1.1
3	☐	50.000	51.113	2367648.19	0.0494	A	1.7
4	☐	125.000	118.244	5591027.69	0.1142	A	0.4
5	☐	250.000	249.321	11633587.05	0.2407	A	1.8
6	☐	500.000	498.536	23456010.21	0.4812	A	0.8
7	☐	1000.000	1001.691	47479870.96	0.9668	A	1.7
8	☐			20396.16	0.0005	P	1.9

$$y = 9.6515E-004 * x + 3.8153E-005$$

$$R = 1.0000$$

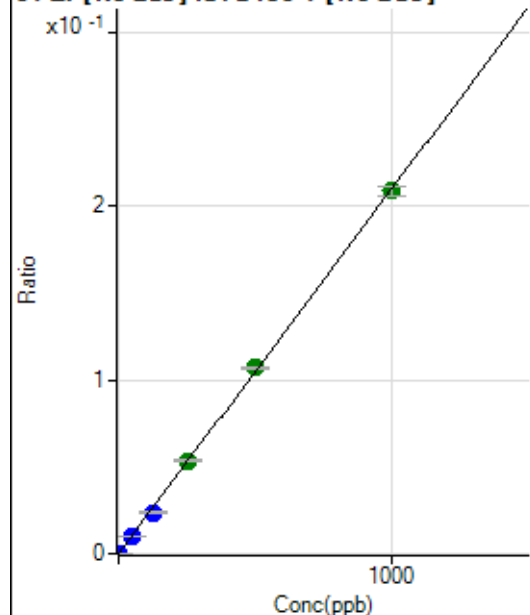
$$DL = 0.002997$$

$$BEC = 0.03953$$

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	303.34	0.0000	P	2.9
2	☐	1.000	0.967	10286.13	0.0002	P	3.3
3	☐	50.000	47.767	480267.54	0.0100	P	0.7
4	☐	125.000	113.301	1162702.29	0.0237	P	1.5
5	☐	250.000	254.625	2578850.85	0.0534	A	2.9
6	☐	500.000	509.552	5203911.52	0.1068	A	0.4
7	☐	1000.000	995.642	10243347.07	0.2086	A	2.3
8	☐			4400.73	0.0001	P	2.5

$$y = 2.0951E-004 * x + 6.5815E-006$$

$$R = 0.9998$$

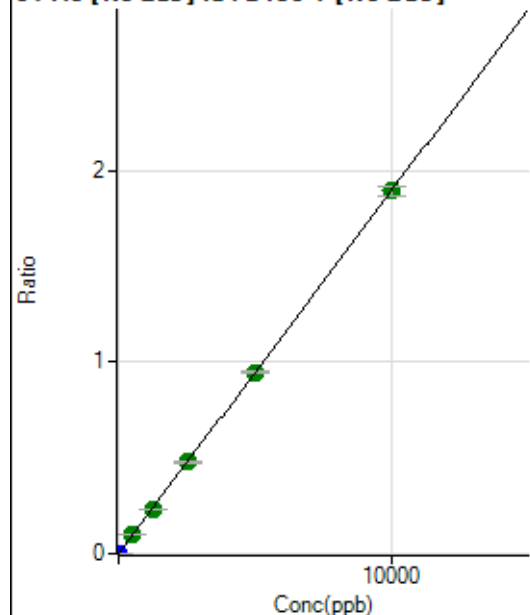
$$DL = 0.00277$$

$$BEC = 0.03141$$

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	671.13	0.0000	P	8.1
2	☐	5.000	5.685	53734.53	0.0011	P	2.0
3	☐	500.000	507.942	4618633.82	0.0963	A	0.8
4	☐	1250.000	1213.554	11265736.22	0.2301	A	1.7
5	☐	2500.000	2521.834	23109031.88	0.4781	A	1.9
6	☐	5000.000	5003.479	46234575.42	0.9485	A	0.6
7	☐	10000.000	9996.960	93057656.39	1.8951	A	2.4
8	☐			11223.49	0.0003	P	3.4

$$y = 1.8957E-004 * x + 1.4625E-005$$

$$R = 1.0000$$

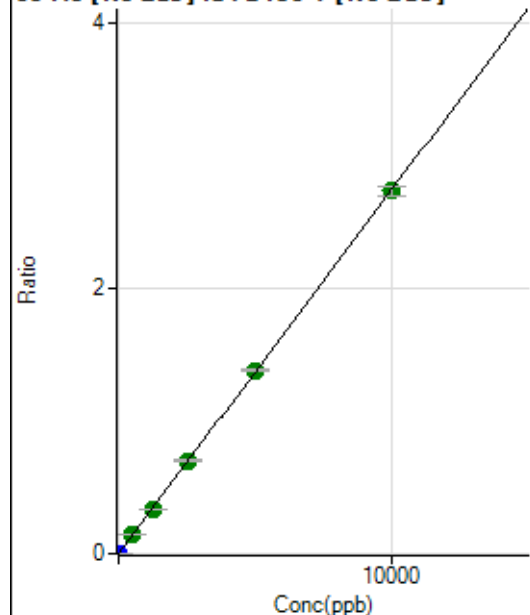
$$DL = 0.01865$$

$$BEC = 0.07715$$

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	377.79	0.0000	P	11.4
2	☐	5.000	4.872	65994.62	0.0013	P	2.4
3	☐	500.000	510.992	6705774.07	0.1398	A	1.8
4	☐	1250.000	1218.130	16322421.42	0.3333	A	1.6
5	☐	2500.000	2550.807	33739260.88	0.6980	A	1.4
6	☐	5000.000	5025.930	67032712.89	1.3752	A	1.0
7	☐	10000.000	9977.767	134057021.3	2.7302	A	2.6
8	☐			11908.54	0.0003	P	9.1

$$y = 2.7362\text{E-}004 * x + 8.2452\text{E-}006$$

$$R = 1.0000$$

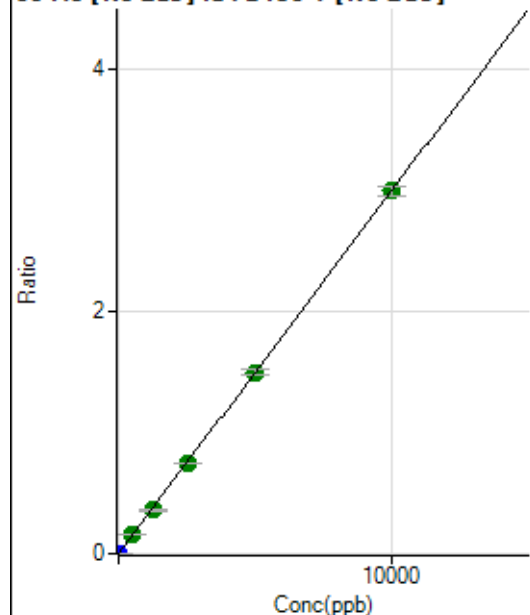
$$DL = 0.01027$$

$$BEC = 0.03013$$

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	356.68	0.0000	P	6.3
2	☐	5.000	4.910	72737.12	0.0015	P	1.5
3	☐	500.000	505.846	7267096.49	0.1515	A	0.4
4	☐	1250.000	1203.135	17647345.16	0.3604	A	2.1
5	☐	2500.000	2511.035	36361130.57	0.7522	A	0.4
6	☐	5000.000	5005.272	73078449.47	1.4993	A	2.9
7	☐	10000.000	10000.171	147084412.2	2.9954	A	2.5
8	☐			15143.91	0.0004	P	2.9

$$y = 2.9954\text{E-}004 * x + 7.7698\text{E-}006$$

$$R = 1.0000$$

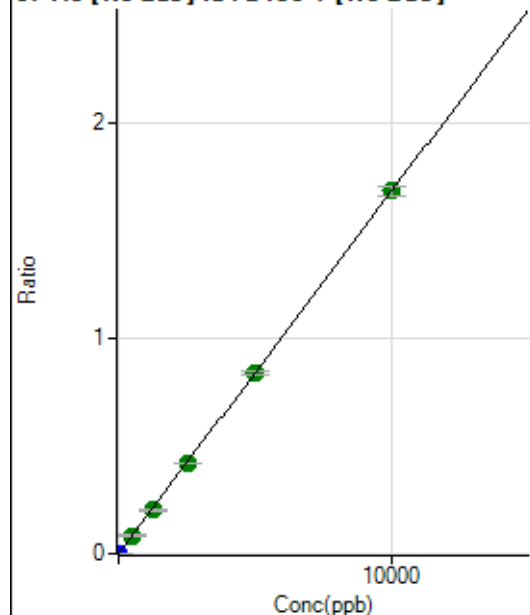
$$DL = 0.004925$$

$$BEC = 0.02594$$

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	161.11	0.0000	P	18.1
2	☐	5.000	4.875	40526.90	0.0008	P	2.9
3	☐	500.000	502.865	4058235.04	0.0846	A	1.2
4	☐	1250.000	1206.503	9940728.53	0.2030	A	2.2
5	☐	2500.000	2491.945	20269121.09	0.4193	A	1.3
6	☐	5000.000	4990.161	40927456.33	0.8397	A	1.2
7	☐	10000.000	10012.227	82720551.55	1.6847	A	2.7
8	☐			4460.76	0.0001	P	2.9

$$y = 1.6826\text{E-}004 * x + 3.4847\text{E-}006$$

$$R = 1.0000$$

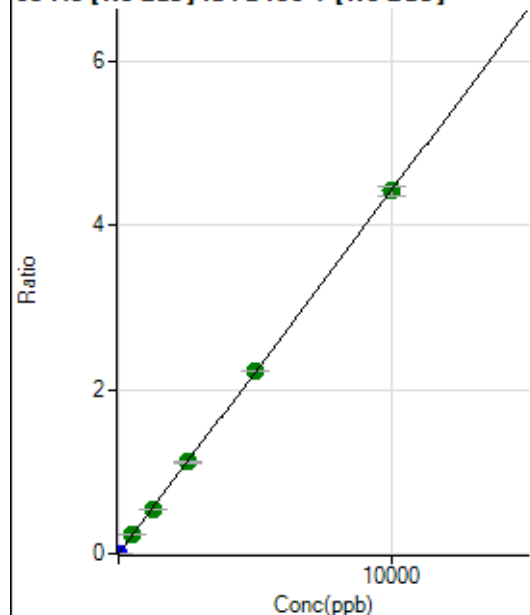
$$DL = 0.01127$$

$$BEC = 0.02071$$

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	343.34	0.0000	P	9.4
2	☐	5.000	4.871	106259.47	0.0022	P	1.1
3	☐	500.000	508.589	10776563.87	0.2247	A	0.9
4	☐	1250.000	1210.085	26181523.22	0.5346	A	1.6
5	☐	2500.000	2524.118	53904817.53	1.1152	A	2.4
6	☐	5000.000	5017.473	108053920.6	2.2168	A	0.2
7	☐	10000.000	9989.794	216717974.5	4.4136	A	2.5
8	☐			9305.44	0.0002	P	2.7

$$y = 4.4181\text{E-}004 * x + 7.4903\text{E-}006$$

$$R = 1.0000$$

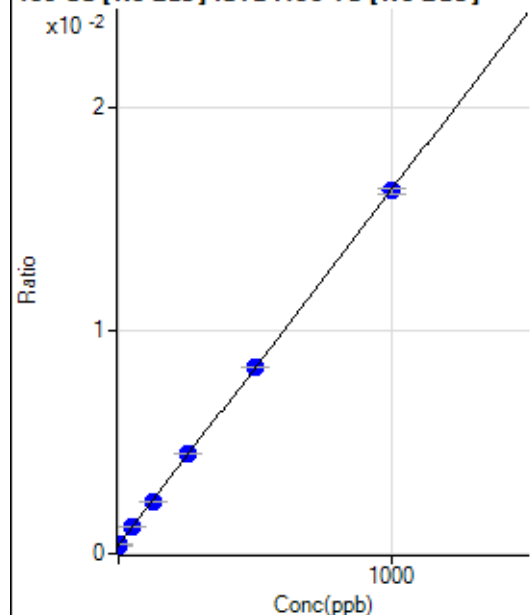
$$DL = 0.00477$$

$$BEC = 0.01695$$

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	14765.81	0.0004	P	0.4
2	☐	1.000	1.664	16726.94	0.0004	P	1.1
3	☐	50.000	51.731	49096.06	0.0012	P	1.9
4	☐	125.000	122.905	97634.14	0.0023	P	0.7
5	☐	250.000	257.409	185483.91	0.0045	P	1.2
6	☐	500.000	502.118	350104.79	0.0084	P	0.5
7	☐	1000.000	997.263	672854.67	0.0163	P	1.8
8	☐			14210.75	0.0004	P	2.8

$$y = 1.5920\text{E-}005 * x + 3.8225\text{E-}004$$

$$R = 1.0000$$

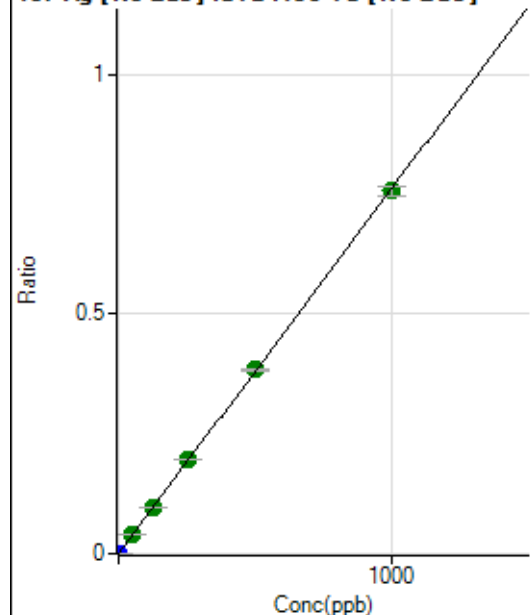
$$DL = 0.3142$$

$$BEC = 24.01$$

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	313.34	0.0000	P	15.1
2	☐	1.000	1.010	31828.99	0.0008	P	2.1
3	☐	50.000	54.203	1681341.04	0.0413	A	2.9
4	☐	125.000	126.705	4029583.59	0.0965	A	0.8
5	☐	250.000	259.201	8174890.99	0.1975	A	0.9
6	☐	500.000	505.321	16089235.87	0.3849	A	1.3
7	☐	1000.000	994.616	31354410.09	0.7577	A	2.6
8	☐			2039.06	0.0001	P	6.6

$$y = 7.6177\text{E-}004 * x + 8.1533\text{E-}006$$

$$R = 0.9999$$

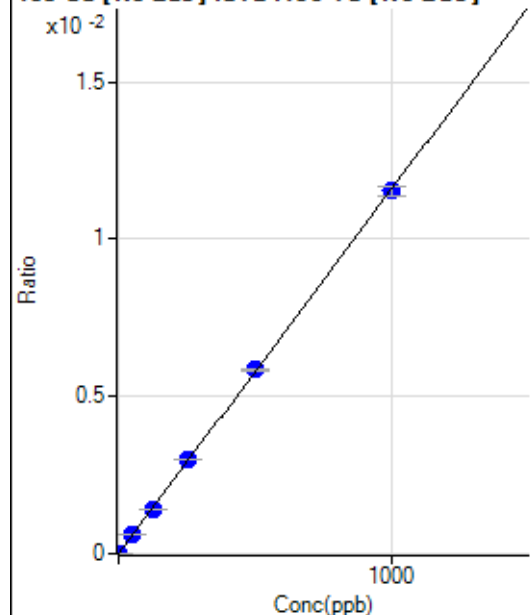
$$DL = 0.00485$$

$$BEC = 0.0107$$

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	43.33	0.0000	P	14.9
2	☐	1.000	1.052	544.46	0.0000	P	8.3
3	☐	50.000	52.956	25016.06	0.0006	P	1.5
4	☐	125.000	123.222	59611.43	0.0014	P	0.1
5	☐	250.000	258.161	123809.80	0.0030	P	0.6
6	☐	500.000	504.825	244375.51	0.0058	P	1.5
7	☐	1000.000	995.622	477091.85	0.0115	P	2.4
8	☐			160.00	0.0000	P	18.3

$$y = 1.1580\text{E-}005 * x + 1.1227\text{E-}006$$

$$R = 0.9999$$

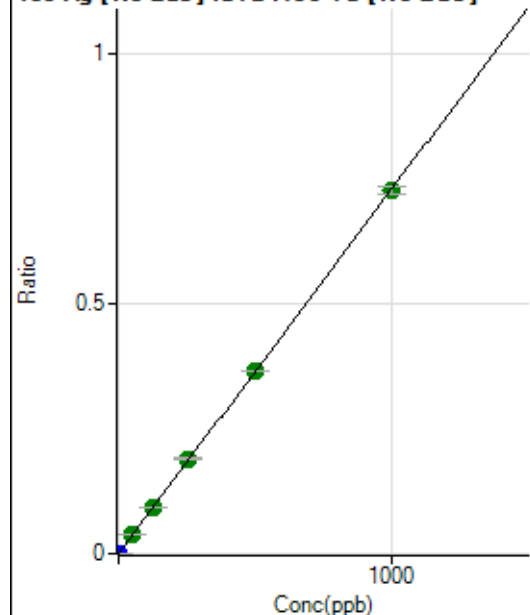
$$DL = 0.04348$$

$$BEC = 0.09695$$

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	104.45	0.0000	P	26.0
2	☐	1.000	1.016	30410.18	0.0007	P	1.4
3	☐	50.000	54.149	1606934.40	0.0395	A	2.8
4	☐	125.000	127.479	3878623.24	0.0929	A	0.9
5	☐	250.000	259.732	7837893.43	0.1893	A	1.6
6	☐	500.000	502.361	15305066.44	0.3662	A	0.2
7	☐	1000.000	995.869	30035515.66	0.7259	A	2.2
8	☐			1792.35	0.0000	P	2.4

$$y = 7.2887\text{E-}004 * x + 2.7372\text{E-}006$$

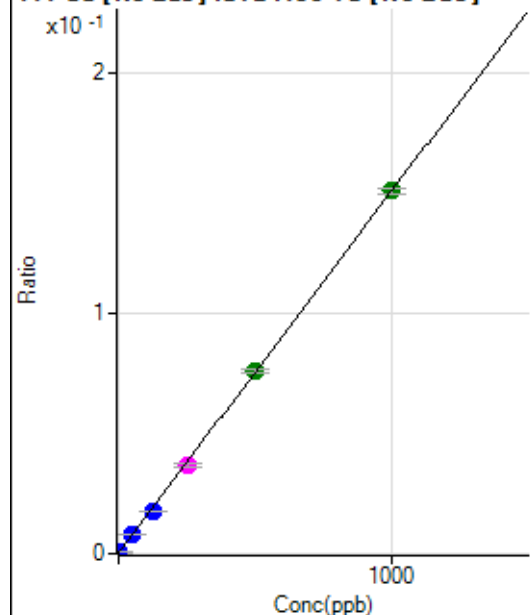
$$R = 0.9999$$

$$DL = 0.002931$$

$$BEC = 0.003755$$

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	10334.62	0.0003	P	0.4
2	☐	1.000	1.103	17752.62	0.0004	P	2.1
3	☐	50.000	49.364	313838.49	0.0077	P	0.7
4	☐	125.000	115.374	736951.23	0.0177	P	1.1
5	☐	250.000	242.177	1521937.26	0.0368	M	5.1
6	☐	500.000	504.004	3185793.68	0.0762	A	1.6
7	☐	1000.000	1001.189	6255204.09	0.1512	A	1.6
8	☐			10296.65	0.0003	P	2.2

$$y = 1.5071\text{E-}004 * x + 2.6754\text{E-}004$$

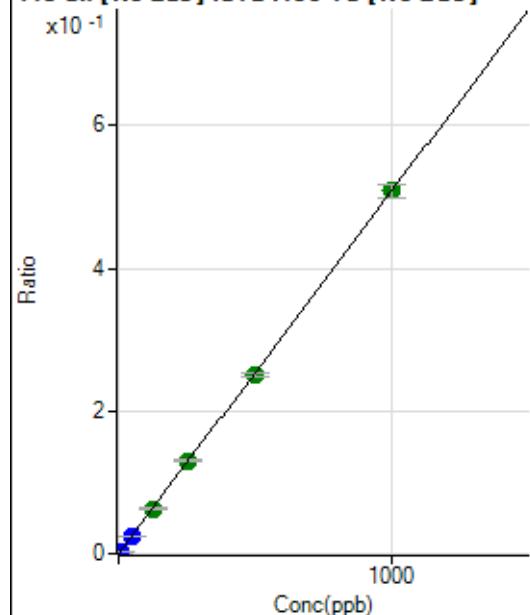
$$R = 0.9999$$

$$DL = 0.0216$$

$$BEC = 1.775$$

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	3042.61	0.0001	P	7.7
2	☐	5.000	5.044	108030.69	0.0026	P	1.4
3	☐	50.000	47.720	989746.73	0.0243	P	1.3
4	☐	125.000	124.484	2641516.84	0.0633	A	1.3
5	☐	250.000	254.928	5362144.36	0.1295	A	2.0
6	☐	500.000	495.295	10513671.86	0.2515	A	2.2
7	☐	1000.000	1001.299	21035921.63	0.5085	A	3.5
8	☐			4177.35	0.0001	P	4.7

$$y = 5.0771\text{E-}004 * x + 7.9056\text{E-}005$$

$$R = 1.0000$$

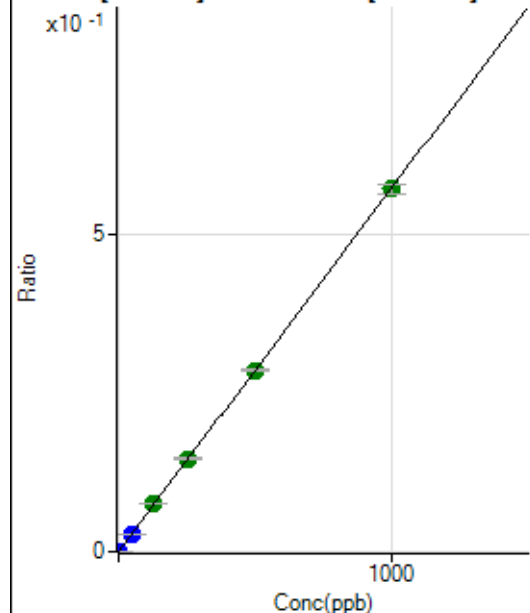
$$DL = 0.03615$$

$$BEC = 0.1557$$

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	105.56	0.0000	P	46.2
2	☐	2.000	2.030	47757.63	0.0012	P	0.3
3	☐	50.000	48.113	1123812.14	0.0276	P	1.1
4	☐	125.000	131.025	3137485.51	0.0752	A	0.7
5	☐	250.000	256.227	6084823.10	0.1470	A	0.5
6	☐	500.000	498.705	11955988.29	0.2861	A	0.9
7	☐	1000.000	998.432	23695202.98	0.5727	A	2.8
8	☐			3538.27	0.0001	P	3.8

$$y = 5.7358\text{E-}004 * x + 2.7719\text{E-}006$$

$$R = 1.0000$$

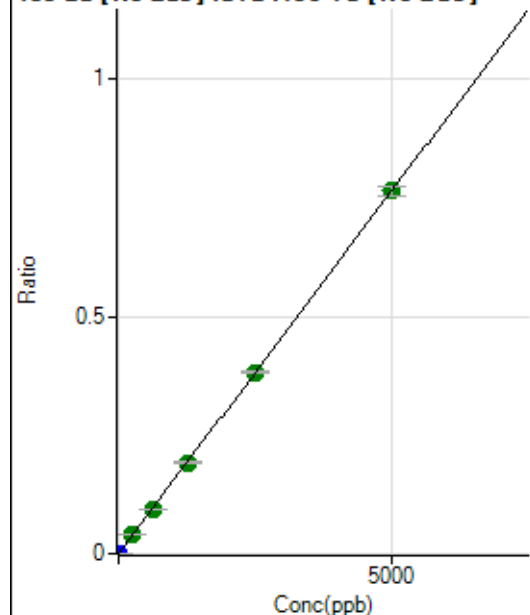
$$DL = 0.006704$$

$$BEC = 0.004833$$

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	132.22	0.0000	P	8.0
2	☐	10.000	9.816	61533.44	0.0015	P	0.6
3	☐	250.000	255.855	1592418.76	0.0391	A	0.3
4	☐	625.000	599.761	3826421.92	0.0917	A	0.3
5	☐	1250.000	1257.623	7957182.52	0.1922	A	0.7
6	☐	2500.000	2496.565	15948438.23	0.3815	A	0.8
7	☐	5000.000	5002.674	31633991.20	0.7645	A	2.6
8	☐			9097.58	0.0003	P	3.2

$$y = 1.5282\text{E-}004 * x + 3.4352\text{E-}006$$

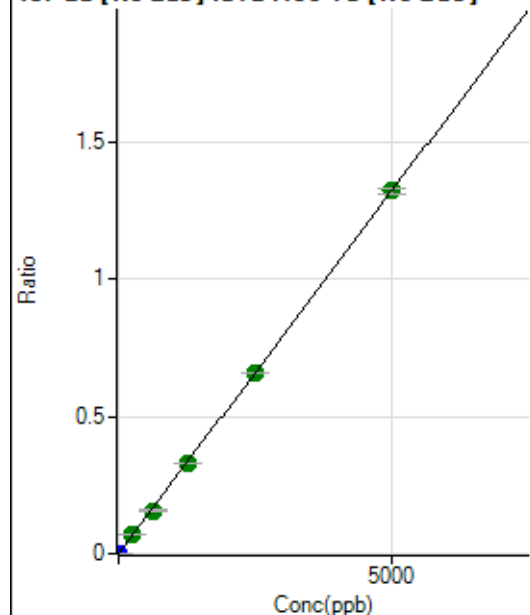
$$R = 1.0000$$

$$DL = 0.005373$$

$$BEC = 0.02248$$

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	191.12	0.0000	P	16.8
2	☐	10.000	9.994	107994.24	0.0026	P	0.3
3	☐	250.000	254.433	2730642.22	0.0671	A	1.1
4	☐	625.000	594.798	6543634.49	0.1568	A	0.9
5	☐	1250.000	1242.332	13555279.80	0.3274	A	1.0
6	☐	2500.000	2497.752	27515737.65	0.6583	A	0.3
7	☐	5000.000	5006.595	54606895.30	1.3195	A	1.3
8	☐			15805.99	0.0004	P	1.1

$$y = 2.6355E-004 * x + 4.9677E-006$$

$$R = 1.0000$$

$$DL = 0.009497$$

$$BEC = 0.01885$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	55.4
2	☐			23.33		P	28.6
3	☐			147.78		P	11.6
4	☐			381.12		P	5.3
5	☐			653.36		P	5.3
6	☐			1384.53		P	4.5
7	☐			2594.72		P	3.3
8	☐			441.12		P	10.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			1.11		P	173.
3	☐			5.55		P	69.3
4	☐			23.33		P	14.3
5	☐			32.22		P	29.8
6	☐			45.55		P	15.2
7	☐			151.12		P	4.6
8	☐			111.11		P	14.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	39.0
2	☐			32.22		P	23.9
3	☐			54.44		P	14.1
4	☐			145.56		P	23.1
5	☐			226.67		P	11.5
6	☐			333.34		P	3.6
7	☐			676.69		P	5.7
8	☐			933.38		P	5.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			10.00		P	33.3
3	☐			8.89		P	78.1
4	☐			28.89		P	24.0
5	☐			28.89		P	6.7
6	☐			54.44		P	33.7
7	☐			127.78		P	15.9
8	☐			306.67		P	19.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			298.90		P	24.6
2	☐			323.34		P	13.6
3	☐			282.23		P	6.5
4	☐			322.23		P	13.7
5	☐			328.90		P	8.5
6	☐			443.35		P	2.0
7	☐			578.91		P	13.5
8	☐			1008.94		P	8.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	8.6
2	☐			65.55		P	20.6
3	☐			44.44		P	28.4
4	☐			78.89		P	41.7
5	☐			85.56		P	22.5
6	☐			107.78		P	20.6
7	☐			174.45		P	10.9
8	☐			384.46		P	23.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			196.67		P	1.7
2	☐			191.11		P	18.3
3	☐			187.78		P	9.1
4	☐			234.45		P	10.1
5	☐			272.23		P	11.6
6	☐			386.68		P	6.7
7	☐			571.13		P	8.3
8	☐			1008.94		P	4.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	29.4
2	☐			61.11		P	35.1
3	☐			62.22		P	24.2
4	☐			77.78		P	12.4
5	☐			93.34		P	19.9
6	☐			127.78		P	27.9
7	☐			176.67		P	3.8
8	☐			361.12		P	9.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			195.56		P	19.9
2	☐			206.67		P	20.6
3	☐			212.23		P	9.5
4	☐			254.45		P	5.5
5	☐			302.23		P	9.9
6	☐			367.79		P	13.7
7	☐			606.69		P	7.7
8	☐			1238.96		P	1.6

172 Yb [He] No available calibration points

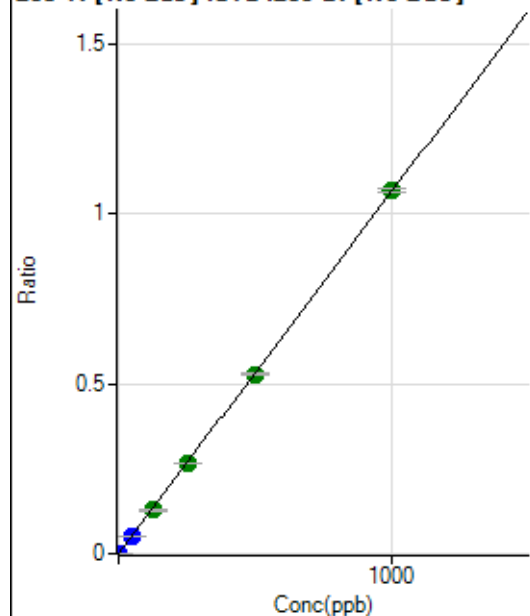
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	17.5
2	☐			76.67		P	19.9
3	☐			121.12		P	32.8
4	☐			102.23		P	26.4
5	☐			125.56		P	9.3
6	☐			157.78		P	6.8
7	☐			227.78		P	11.7
8	☐			505.57		P	7.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5067.69		P	8.4
2	☐			5508.99		P	6.1
3	☐			10965.73		P	0.9
4	☐			18864.69		P	1.1
5	☐			33949.10		P	0.5
6	☐			63892.49		P	1.0
7	☐			120894.85		P	1.1
8	☐			5683.50		P	0.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1190.06		P	7.5
2	☐			1090.06		P	4.3
3	☐			2988.15		P	5.2
4	☐			5757.98		P	2.4
5	☐			11066.95		P	1.0
6	☐			21457.50		P	1.5
7	☐			41648.72		P	0.5
8	☐			1343.42		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	297.78	0.0000	P	8.7
2	☐	1.000	0.943	25256.86	0.0010	P	0.7
3	☐	50.000	46.262	1215136.27	0.0493	P	0.5
4	☐	125.000	119.616	3208777.14	0.1274	A	0.1
5	☐	250.000	249.072	6588502.96	0.2652	A	0.7
6	☐	500.000	496.492	13009073.56	0.5287	A	1.0
7	☐	1000.000	1002.846	26010140.44	1.0679	A	1.2
8	☐			538.91	0.0000	P	5.0

$$y = 0.0011 * x + 1.2572E-005$$

$$R = 1.0000$$

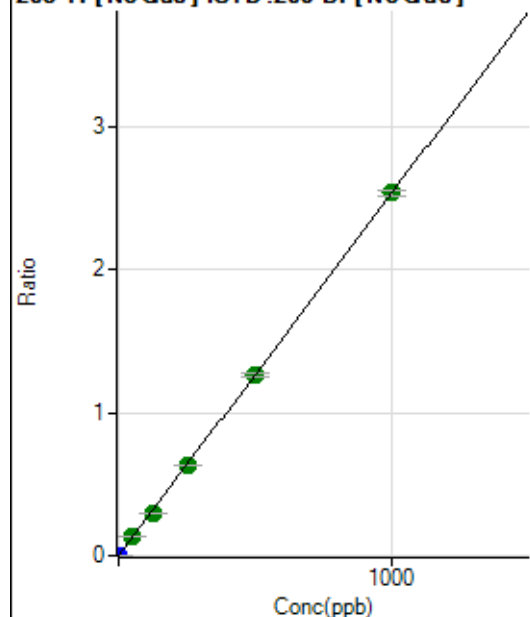
$$DL = 0.003076$$

$$BEC = 0.01181$$

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	754.47	0.0000	P	12.2
2	☐	1.000	0.962	61355.30	0.0025	P	1.3
3	☐	50.000	50.668	3169672.77	0.1285	A	1.0
4	☐	125.000	118.968	7600871.35	0.3017	A	0.7
5	☐	250.000	248.616	15662728.38	0.6305	A	0.4
6	☐	500.000	498.887	31132590.09	1.2652	A	1.2
7	☐	1000.000	1001.623	61863821.30	2.5402	A	1.7
8	☐			1293.41	0.0001	P	6.4

$$y = 0.0025 * x + 3.1957E-005$$

$$R = 1.0000$$

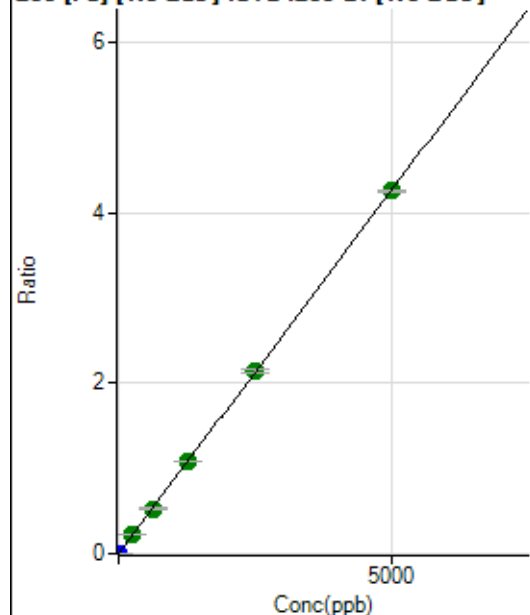
$$DL = 0.004621$$

$$BEC = 0.0126$$

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	1745.69	0.0001	P	4.8
2	☐	1.000	0.942	21758.32	0.0009	P	0.7
3	☐	250.000	253.299	5322298.25	0.2158	A	0.8
4	☐	625.000	621.429	13334510.49	0.5294	A	1.5
5	☐	1250.000	1262.149	26706890.43	1.0751	A	0.1
6	☐	2500.000	2509.931	52605875.33	2.1380	A	1.6
7	☐	5000.000	4992.279	103582506.2	4.2524	A	0.3
8	☐			7094.24	0.0004	P	0.9

$$y = 8.5178E-004 * x + 7.3900E-005$$

$$R = 1.0000$$

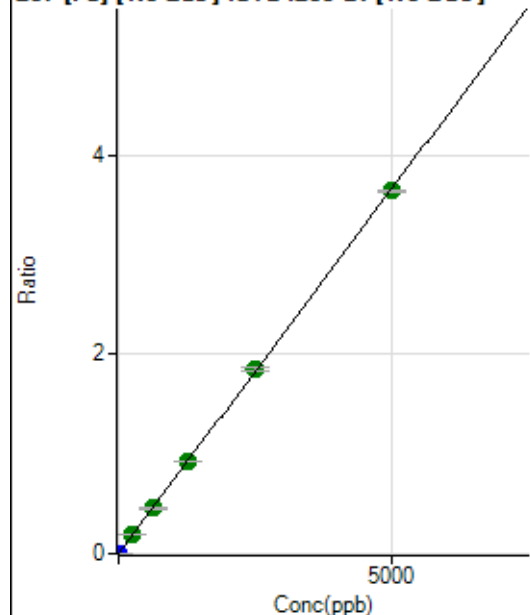
$$DL = 0.01259$$

$$BEC = 0.08676$$

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	1445.66	0.0001	P	2.7
2	☐	1.000	0.973	19179.86	0.0008	P	0.8
3	☐	250.000	252.312	4551219.48	0.1846	A	1.0
4	☐	625.000	620.449	11429355.66	0.4537	A	0.8
5	☐	1250.000	1260.037	22888433.82	0.9214	A	0.8
6	☐	2500.000	2543.433	45762134.88	1.8599	A	2.1
7	☐	5000.000	4976.228	88640079.79	3.6388	A	0.5
8	☐			6277.14	0.0003	P	2.9

$$y = 7.3122\text{E-}004 * x + 6.1115\text{E-}005$$

$$R = 0.9999$$

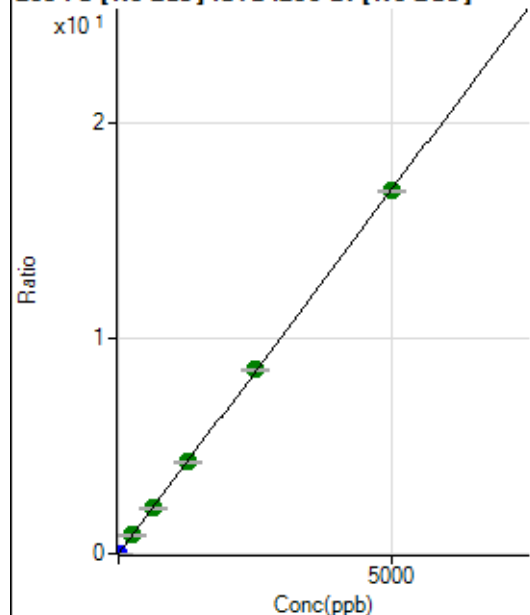
$$DL = 0.006668$$

$$BEC = 0.08358$$

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	6771.89	0.0003	P	4.0
2	☐	1.000	0.958	87317.54	0.0035	P	0.7
3	☐	250.000	251.323	20909761.04	0.8479	A	0.5
4	☐	625.000	621.799	52832011.02	2.0974	A	0.8
5	☐	1250.000	1257.757	105380848.4	4.2423	A	0.5
6	☐	2500.000	2526.322	209660957.4	8.5209	A	1.1
7	☐	5000.000	4985.234	409567147.2	16.8141	A	0.5
8	☐			28238.91	0.0015	P	0.8

$$y = 0.0034 * x + 2.8657\text{E-}004$$

$$R = 1.0000$$

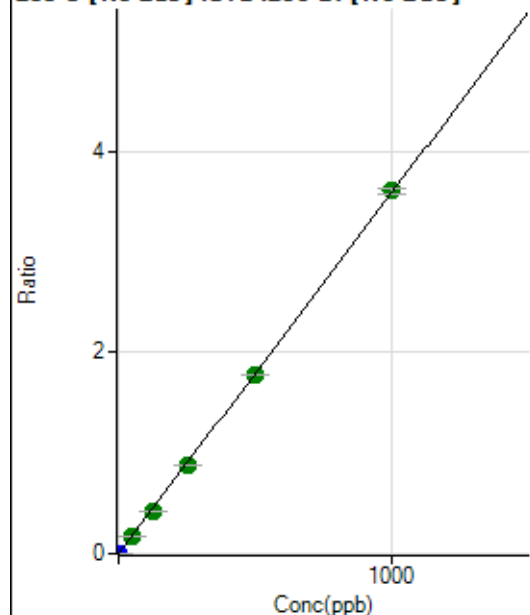
$$DL = 0.01025$$

$$BEC = 0.08497$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	274.45	0.0000	P	13.6
2	☐	1.000	0.926	82846.35	0.0033	P	1.4
3	☐	50.000	48.793	4320031.60	0.1752	A	0.6
4	☐	125.000	115.694	10462742.55	0.4154	A	0.9
5	☐	250.000	244.991	21848420.78	0.8796	A	0.4
6	☐	500.000	494.586	43691479.35	1.7756	A	0.0
7	☐	1000.000	1005.183	87889880.91	3.6087	A	1.4
8	☐			693.36	0.0000	P	4.6

$$y = 0.0036 * x + 1.1656E-005$$

$$R = 0.9999$$

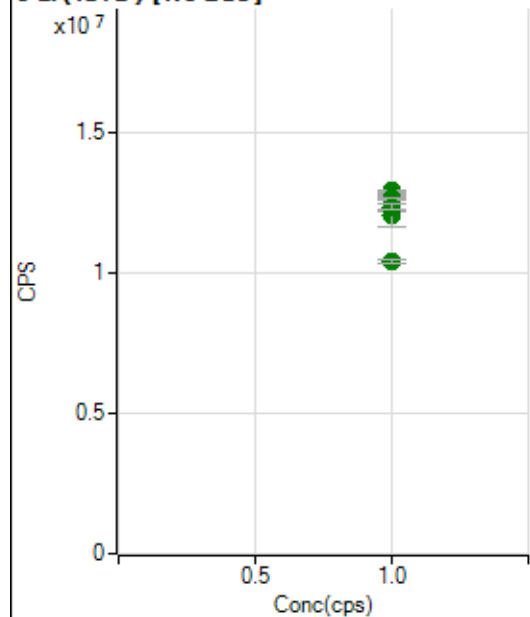
$$DL = 0.001329$$

$$BEC = 0.003247$$

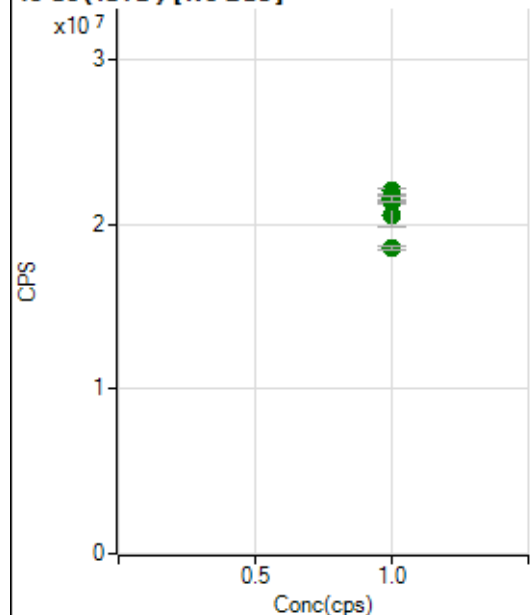
Weight: <None>

Min Conc: 0

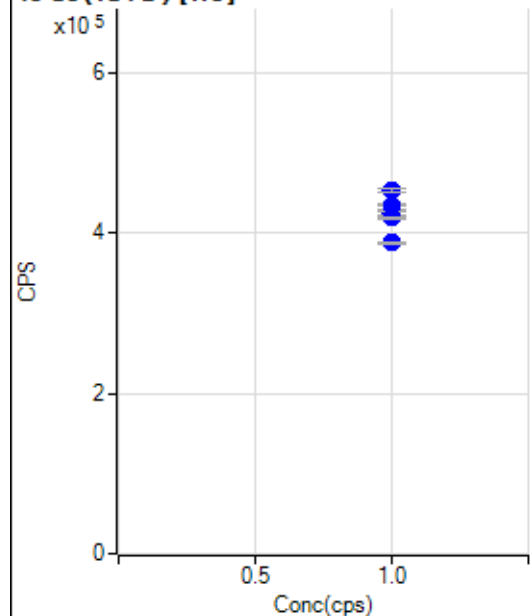
6 Li (ISTD) [No Gas]



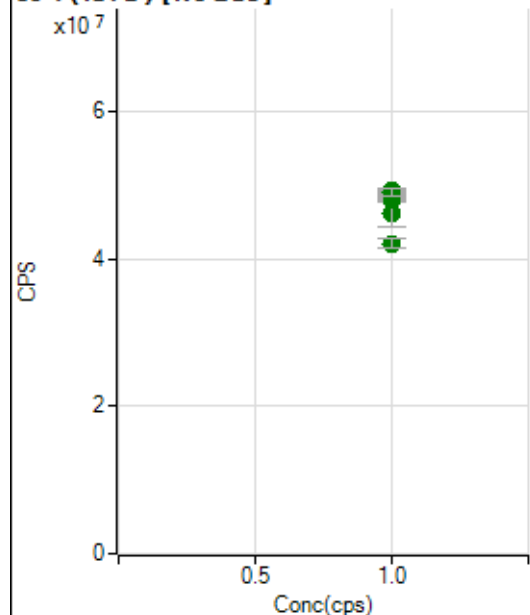
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12057564.59		A	7.0
2	☐	1.000		12847182.35		A	1.3
3	☐	1.000		12797366.18		A	0.8
4	☐	1.000		12931564.72		A	0.7
5	☐	1.000		12660357.37		A	0.3
6	☐	1.000		12342954.44		A	1.9
7	☐	1.000		12365188.12		A	1.8
8	☐	1.000		10436212.57		A	1.3

45 Sc (ISTD) [No Gas]

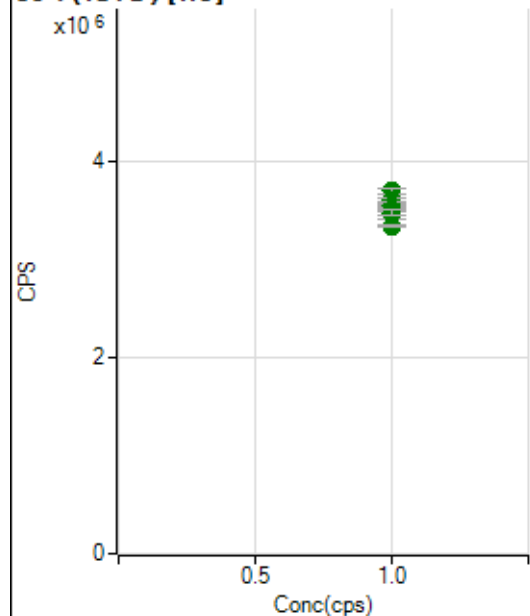
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20573781.92		A	7.5
2	☐	1.000		22041746.90		A	1.6
3	☐	1.000		21324583.15		A	0.4
4	☐	1.000		21806890.23		A	0.5
5	☐	1.000		21630913.84		A	0.8
6	☐	1.000		21373105.93		A	0.4
7	☐	1.000		21509598.43		A	1.7
8	☐	1.000		18585077.64		A	1.3

45 Sc (ISTD) [He]

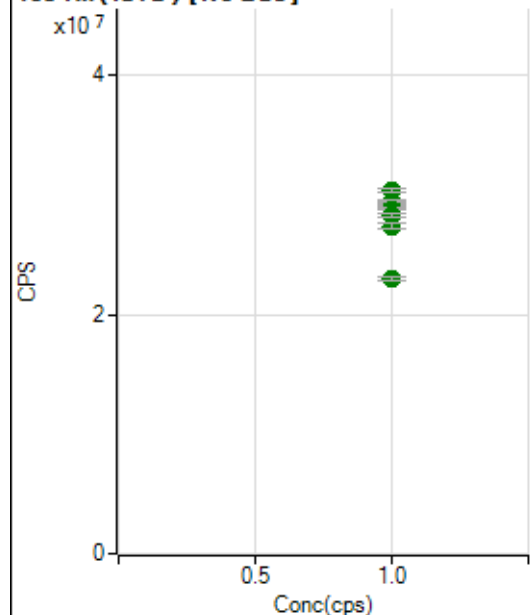
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		452368.50		P	1.1
2	☐	1.000		426191.43		P	4.4
3	☐	1.000		433310.54		P	0.1
4	☐	1.000		428876.11		P	0.2
5	☐	1.000		424460.09		P	1.1
6	☐	1.000		420368.74		P	1.1
7	☐	1.000		419091.81		P	0.6
8	☐	1.000		387556.67		P	0.4

89 Y (ISTD) [No Gas]

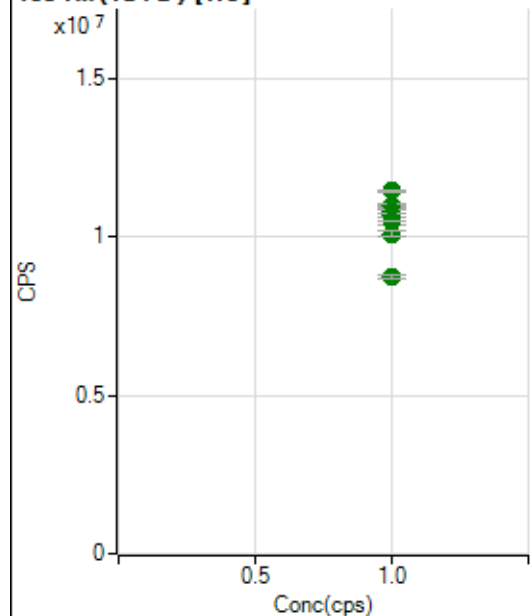
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		46048958.76		A	7.4
2	☐	1.000		49204977.60		A	1.2
3	☐	1.000		47959394.29		A	0.3
4	☐	1.000		48974819.83		A	1.3
5	☐	1.000		48343010.39		A	0.8
6	☐	1.000		48743884.83		A	0.3
7	☐	1.000		49119248.71		A	2.0
8	☐	1.000		42110455.21		A	2.7

89 Y (ISTD) [He]

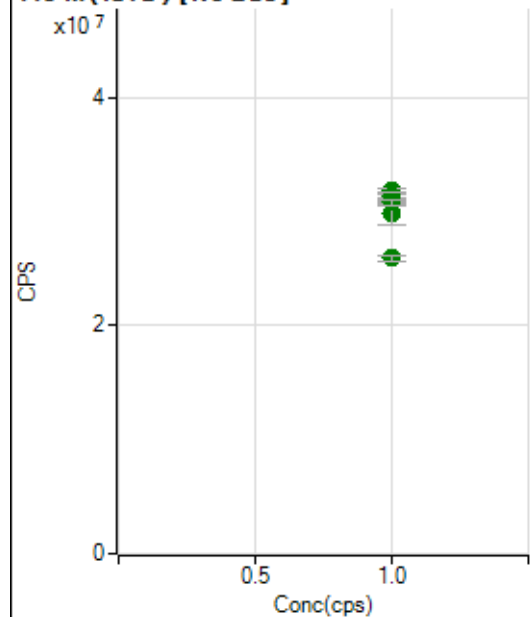
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3692834.95		A	1.6
2	☐	1.000		3481170.88		A	4.8
3	☐	1.000		3605474.84		A	1.3
4	☐	1.000		3525688.77		A	0.4
5	☐	1.000		3550852.55		A	1.3
6	☐	1.000		3497057.03		A	0.6
7	☐	1.000		3466633.07		A	1.8
8	☐	1.000		3336907.90		A	0.6

103 Rh (ISTD) [No Gas]

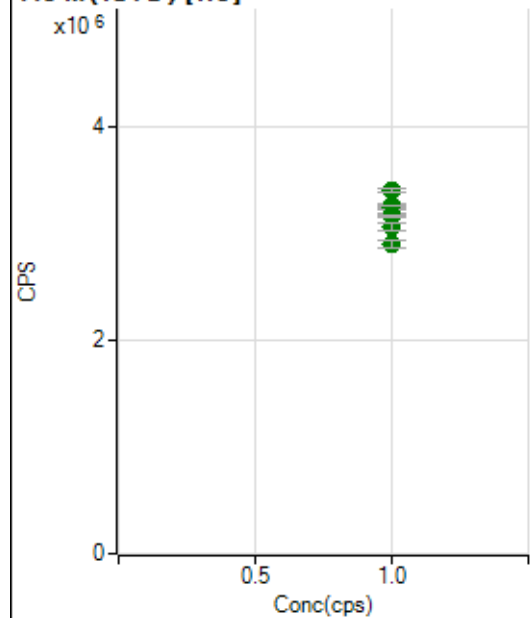
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28263318.47		A	7.2
2	☐	1.000		30350019.27		A	1.0
3	☐	1.000		29174680.95		A	0.2
4	☐	1.000		29505235.95		A	0.6
5	☐	1.000		28835204.57		A	0.6
6	☐	1.000		28303973.19		A	0.8
7	☐	1.000		27400604.04		A	2.1
8	☐	1.000		23020236.33		A	1.4

103 Rh (ISTD) [He]

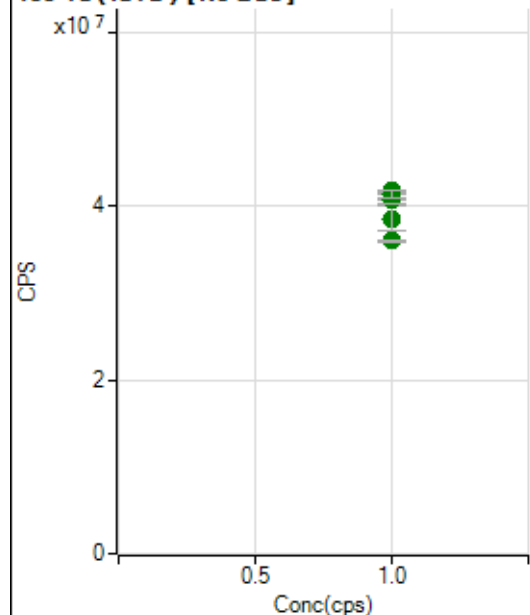
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11455970.80		A	0.6
2	☐	1.000		10699178.80		A	5.9
3	☐	1.000		11000203.59		A	1.1
4	☐	1.000		10807351.92		A	1.0
5	☐	1.000		10683548.59		A	0.8
6	☐	1.000		10503164.98		A	0.2
7	☐	1.000		10093266.58		A	1.8
8	☐	1.000		8746933.48		A	1.1

115 In (ISTD) [No Gas]

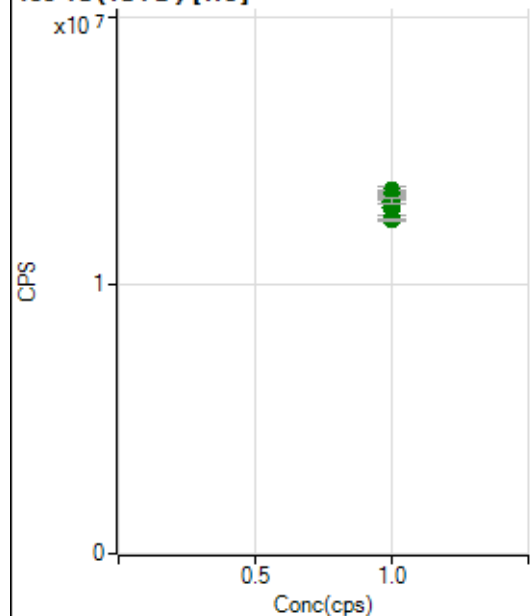
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29888881.10		A	6.8
2	☐	1.000		31778539.26		A	1.2
3	☐	1.000		31427606.75		A	1.3
4	☐	1.000		31792823.51		A	0.9
5	☐	1.000		31344099.68		A	1.6
6	☐	1.000		30866186.92		A	1.4
7	☐	1.000		30798420.97		A	1.9
8	☐	1.000		25912709.53		A	1.9

115 In (ISTD) [He]

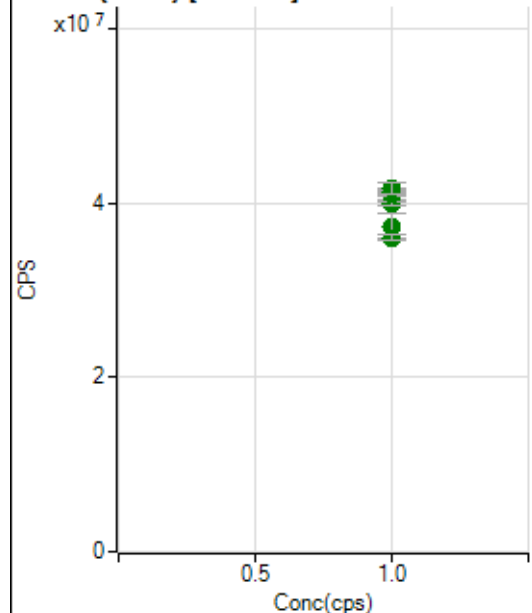
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3392452.24		A	0.9
2	☐	1.000		3171616.07		A	5.5
3	☐	1.000		3254874.13		A	1.0
4	☐	1.000		3236258.45		A	1.2
5	☐	1.000		3173281.48		A	1.0
6	☐	1.000		3158209.89		A	0.6
7	☐	1.000		3050263.38		A	2.3
8	☐	1.000		2893148.70		A	2.0

159 Tb (ISTD) [No Gas]

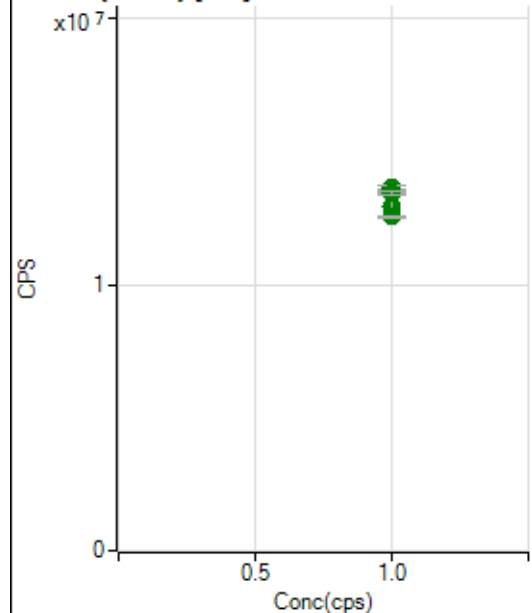
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		38630386.93		A	7.2
2	☐	1.000		40924485.23		A	0.5
3	☐	1.000		40723264.95		A	1.4
4	☐	1.000		41745139.37		A	1.1
5	☐	1.000		41401400.77		A	0.4
6	☐	1.000		41798852.15		A	0.8
7	☐	1.000		41394537.99		A	2.5
8	☐	1.000		36076563.35		A	0.6

159 Tb (ISTD) [He]

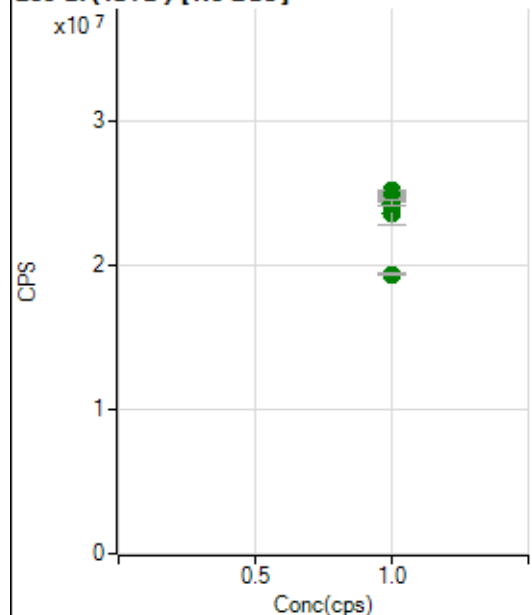
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13522105.91		A	2.3
2	☐	1.000		12899057.58		A	4.5
3	☐	1.000		13285324.80		A	0.8
4	☐	1.000		13486144.38		A	0.7
5	☐	1.000		13285695.91		A	1.2
6	☐	1.000		13301316.61		A	0.7
7	☐	1.000		13138594.39		A	1.4
8	☐	1.000		12435750.93		A	0.9

165 Ho (ISTD) [No Gas]

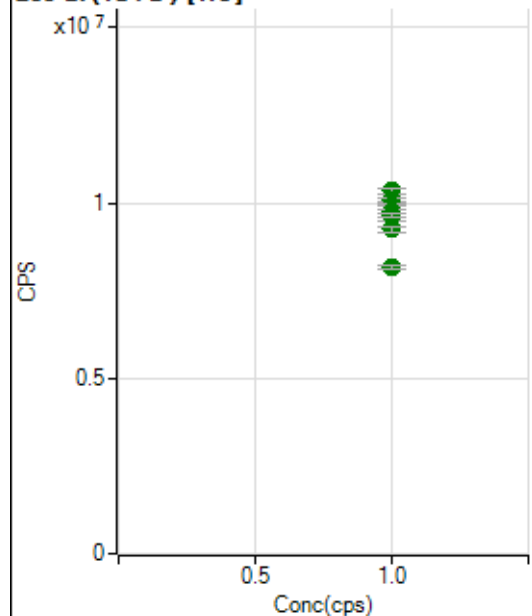
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37332294.72		A	7.3
2	☐	1.000		40270315.51		A	0.8
3	☐	1.000		39888736.90		A	1.2
4	☐	1.000		41045108.27		A	0.8
5	☐	1.000		41303765.22		A	0.5
6	☐	1.000		41169524.66		A	2.0
7	☐	1.000		41591868.55		A	3.1
8	☐	1.000		36019640.85		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13635433.55		A	1.5
2	☐	1.000		12957611.75		A	6.0
3	☐	1.000		13574791.32		A	0.4
4	☐	1.000		13566756.33		A	0.4
5	☐	1.000		13620194.52		A	1.3
6	☐	1.000		13471972.44		A	0.8
7	☐	1.000		13440552.16		A	0.7
8	☐	1.000		12571745.92		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23673044.93		A	6.7
2	☐	1.000		24831166.57		A	0.8
3	☐	1.000		24660398.80		A	0.7
4	☐	1.000		25189471.85		A	0.7
5	☐	1.000		24840405.46		A	0.3
6	☐	1.000		24606306.30		A	0.4
7	☐	1.000		24358650.19		A	1.7
8	☐	1.000		19374702.63		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10345626.86		A	1.5
2	☐	1.000		9714645.62		A	4.4
3	☐	1.000		10072900.06		A	1.0
4	☐	1.000		9939815.34		A	0.8
5	☐	1.000		9763878.05		A	1.0
6	☐	1.000		9666753.54		A	1.4
7	☐	1.000		9251375.42		A	1.8
8	☐	1.000		8159528.91		A	1.6