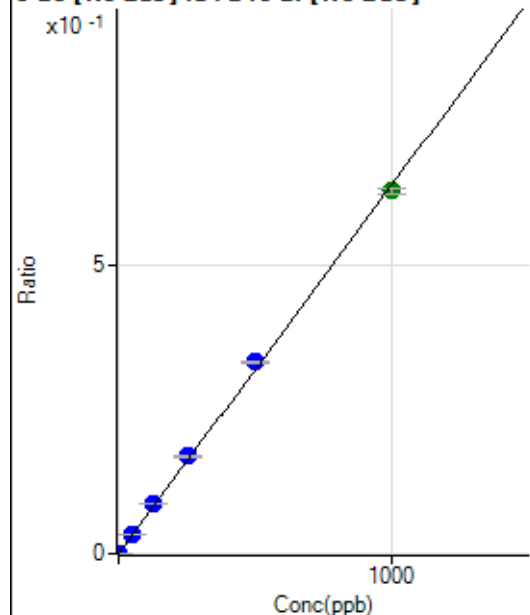


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020723-MS.b\
 Analysis File: P8020723-MS.batch.bin
 DA Date-Time: 2023-02-07 16:28:20
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-07 07:59:36
2	005CALS.d	S02	2023-02-07 08:02:47
3	006CALS.d	S03	2023-02-07 08:06:00
4	007CALS.d	S04	2023-02-07 08:09:06
5	008CALS.d	S05	2023-02-07 08:12:14
6	009CALS.d	S06	2023-02-07 08:15:21
7	010CALS.d	S07	2023-02-07 08:18:30
8	011CALS.d	S08	2023-02-07 08:21:36

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.66	0.0000	P	13.5
2	☐	1.000	1.033	2020.31	0.0007	P	5.8
3	☐	50.000	51.819	100970.16	0.0331	P	1.6
4	☐	125.000	134.897	261169.12	0.0861	P	0.3
5	☐	250.000	264.210	504744.90	0.1685	P	1.7
6	☐	500.000	520.352	973173.14	0.3319	P	1.1
7	☐	1000.000	984.943	1863230.77	0.6282	A	1.3
8	☐			614.94	0.0002	P	6.5

$$y = 6.3780\text{E-}004 * x + 1.7268\text{E-}005$$

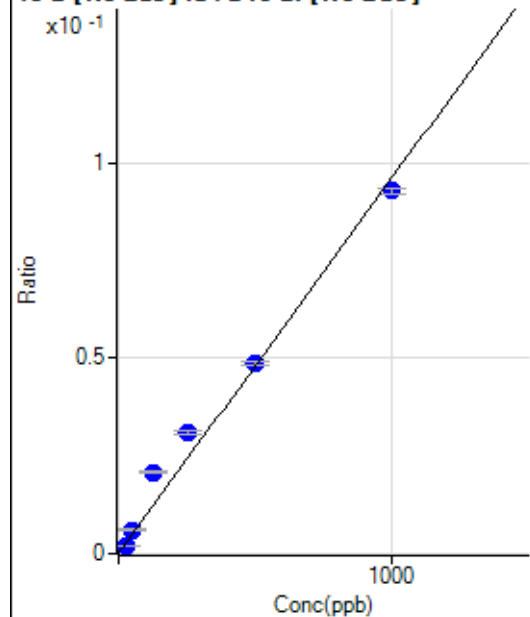
$$R = 0.9995$$

$$DL = 0.01093$$

$$BEC = 0.02707$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.64	0.0001	P	5.0
2	☐	25.000	20.862	6150.75	0.0021	P	5.3
3	☐	50.000	63.050	18638.80	0.0061	P	3.0
4	☐	125.000	216.008	63034.31	0.0208	P	2.6
5	☐	250.000	321.428	92468.92	0.0309	P	3.7
6	☐	500.000	506.505	142604.66	0.0486	P	2.3
7	☐	1000.000	966.966	275226.86	0.0928	P	1.9
8	☐			18704.88	0.0067	P	6.9

$$y = 9.5900\text{E-}005 * x + 5.7734\text{E-}005$$

$$R = 0.9933$$

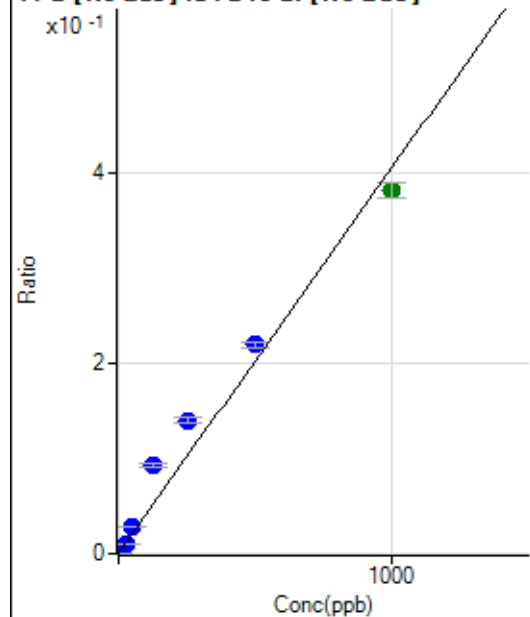
$$DL = 0.0912$$

$$BEC = 0.602$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	740.54	0.0002	P	2.7
2	☐	25.000	22.422	27792.04	0.0093	P	4.2
3	☐	50.000	68.450	85132.30	0.0279	P	1.9
4	☐	125.000	229.700	282062.05	0.0930	P	4.4
5	☐	250.000	346.187	419169.35	0.1400	P	4.3
6	☐	500.000	541.445	641603.12	0.2188	P	3.1
7	☐	1000.000	941.286	1127771.96	0.3802	A	4.3
8	☐			84425.08	0.0303	P	7.7

$$y = 4.0364\text{E-}004 * x + 2.4761\text{E-}004$$

$$R = 0.9884$$

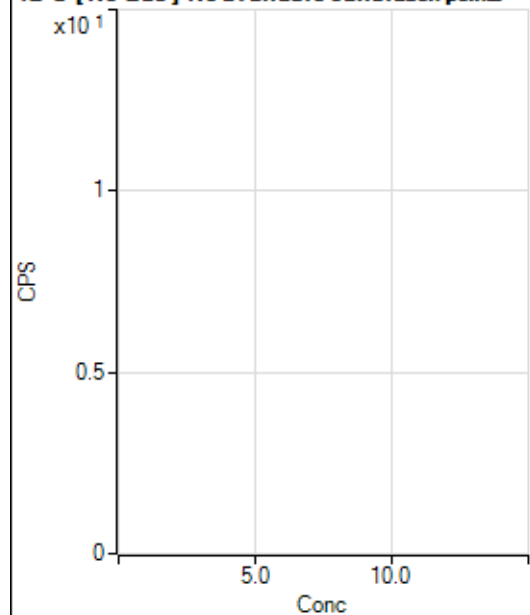
$$DL = 0.04911$$

$$BEC = 0.6134$$

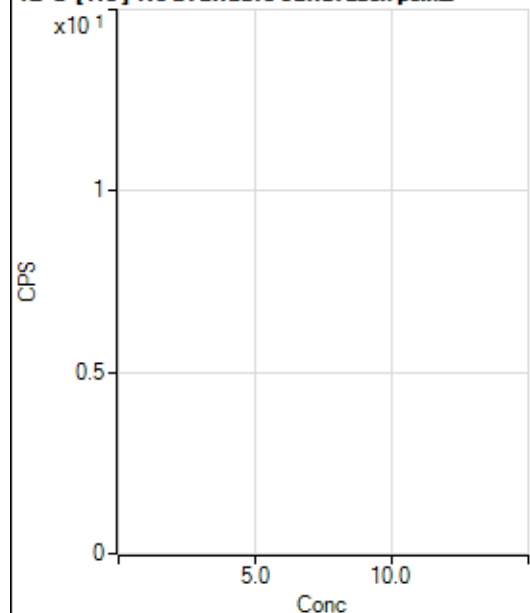
Weight: <None>

Min Conc: 0

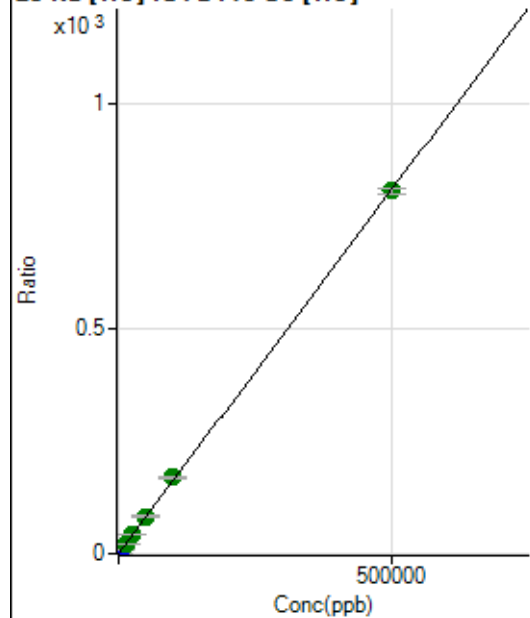
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4276323.14		A	0.2
2	☐			4193380.56		A	0.3
3	☐			4151963.59		A	1.0
4	☐			4318944.06		A	1.8
5	☐			4503114.94		A	1.2
6	☐			4771421.46		A	3.0
7	☐			5036918.78		A	1.9
8	☐			4475401.53		A	0.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45972.49		P	1.2
2	☐			44955.58		P	0.6
3	☐			44300.76		P	1.0
4	☐			47335.37		P	1.3
5	☐			48756.47		P	2.5
6	☐			53090.59		P	0.2
7	☐			57897.95		P	1.4
8	☐			51972.96		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13428.75	0.1252	P	4.9
2	☐	500.000	464.410	93368.03	0.8759	P	2.3
3	☐	5000.000	5154.395	916148.88	8.4572	P	2.5
4	☐	12500.000	13830.731	2384713.46	22.4824	A	2.0
5	☐	25000.000	27048.442	4615342.64	43.8487	A	3.2
6	☐	50000.000	51318.368	8584256.87	83.0808	A	1.8
7	☐	100000.00	104811.90	17705205.43	169.5526	A	2.4
8	☐	500000.00	498768.58	81801524.74	806.3797	A	1.4

$$y = 0.0016 * x + 0.1252$$

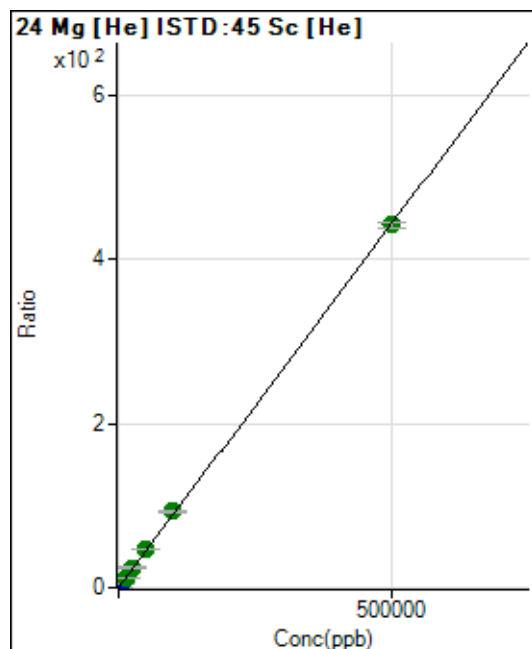
$$R = 0.9999$$

$$DL = 11.36$$

$$BEC = 77.42$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0030	P	6.3
2	☐	500.000	480.508	45705.70	0.4288	P	2.6
3	☐	5000.000	5223.162	501692.33	4.6314	P	1.7
4	☐	12500.000	13965.810	1313070.36	12.3787	A	1.8
5	☐	25000.000	27575.903	2572507.63	24.4393	A	2.4
6	☐	50000.000	52189.097	4778265.39	46.2502	A	0.9
7	☐	100000.00	104415.96	9662464.11	92.5310	A	1.6
8	☐	500000.00	498730.24	44830736.42	441.9519	A	1.9

$$y = 8.8615\text{E-}004 * x + 0.0030$$

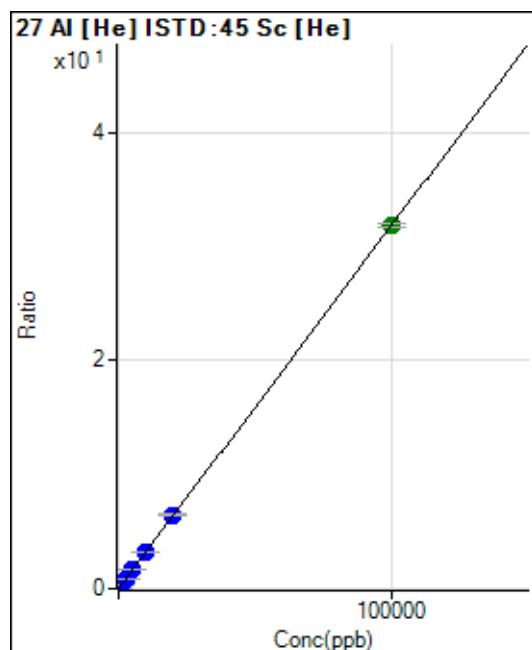
$$R = 1.0000$$

$$DL = 0.6277$$

$$BEC = 3.329$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.49	0.0008	P	19.6
2	☐	20.000	19.316	738.26	0.0069	P	4.2
3	☐	1000.000	1028.713	35591.74	0.3286	P	0.8
4	☐	2500.000	2693.336	91121.58	0.8590	P	1.7
5	☐	5000.000	5324.635	178681.74	1.6975	P	2.1
6	☐	10000.000	10114.631	333071.55	3.2239	P	0.4
7	☐	20000.000	20361.193	677620.61	6.4890	P	3.1
8	☐	100000.00	99894.946	3229371.73	31.8331	A	1.0

$$y = 3.1866\text{E-}004 * x + 7.6790\text{E-}004$$

$$R = 1.0000$$

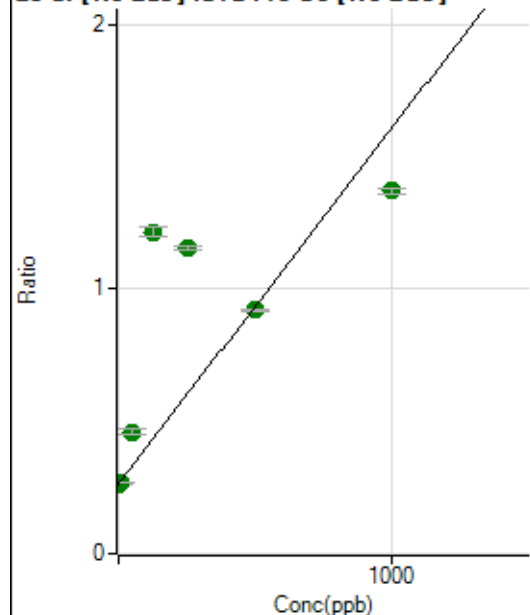
$$DL = 1.414$$

$$BEC = 2.41$$

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	936091.34	0.2636	A	0.4
2	☐	10.000	2.808	953597.08	0.2673	A	1.4
3	☐	50.000	146.270	1679483.26	0.4600	A	3.9
4	☐	125.000	708.082	4330811.43	1.2148	A	3.1
5	☐	250.000	663.776	4189585.86	1.1552	A	0.9
6	☐	500.000	488.361	3225180.65	0.9196	A	1.0
7	☐	1000.000	824.749	4894062.09	1.3715	A	1.5
8	☐			1915951.87	0.5556	A	3.7

$$y = 0.0013 * x + 0.2636$$

$$R = 0.7158$$

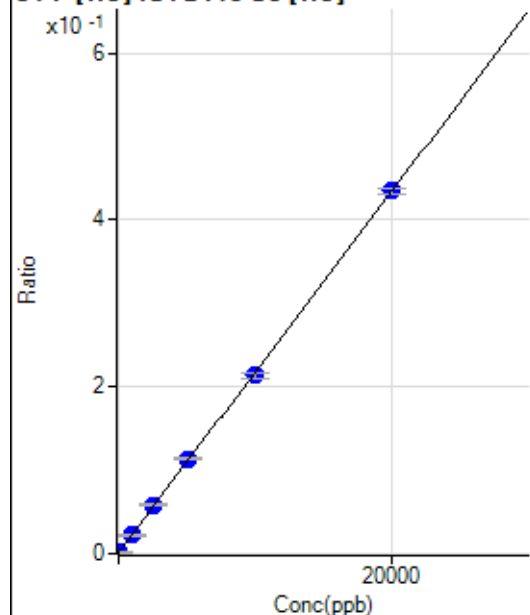
$$DL = 2.402$$

$$BEC = 196.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.012	88.89	0.0008	P	37.9
2	☐	0.000	11.012	138.89	0.0013	P	29.2
3	☐	1000.000	972.129	2394.71	0.0221	P	7.0
4	☐	2500.000	2627.258	6145.89	0.0579	P	3.5
5	☐	5000.000	5171.723	11899.67	0.1130	P	2.1
6	☐	10000.000	9809.698	22053.48	0.2134	P	2.7
7	☐	20000.000	20037.706	45413.33	0.4349	P	1.4
8	☐			97.23	0.0010	P	8.7

$$y = 2.1649E-005 * x + 0.0011$$

$$R = 0.9999$$

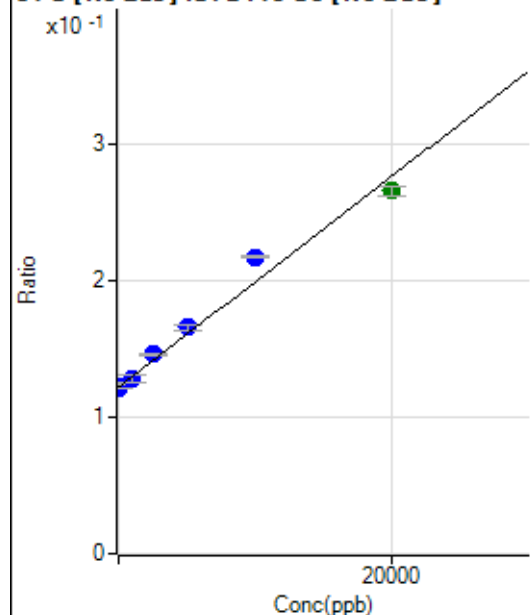
$$DL = 48.09$$

$$BEC = 49.26$$

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	-35.671	432956.27	0.1219	P	1.9
2	☐	0.000	35.671	436830.70	0.1225	P	1.8
3	☐	1000.000	863.135	470365.31	0.1289	P	4.3
4	☐	2500.000	3078.296	520483.57	0.1460	P	1.2
5	☐	5000.000	5627.667	600673.16	0.1656	P	2.0
6	☐	10000.000	12323.850	762303.95	0.2174	P	0.4
7	☐	20000.000	18615.714	948870.51	0.2659	A	2.4
8	☐			385773.74	0.1119	P	3.5

$$y = 7.7218E-006 * x + 0.1222$$

$$R = 0.9883$$

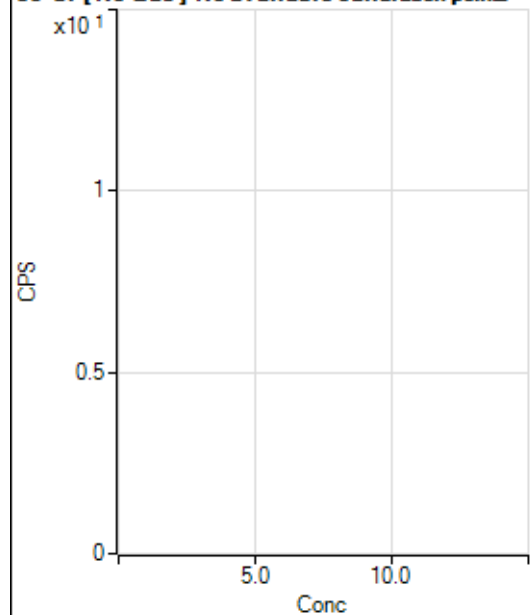
$$DL = 878.9$$

$$BEC = 1.582E+04$$

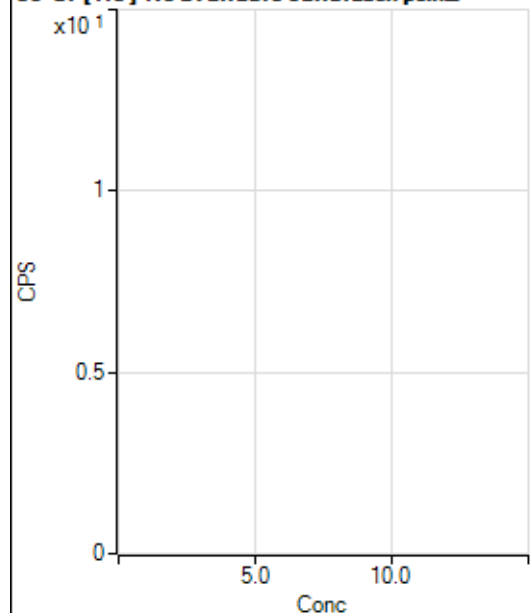
Weight: <None>

Min Conc: 0

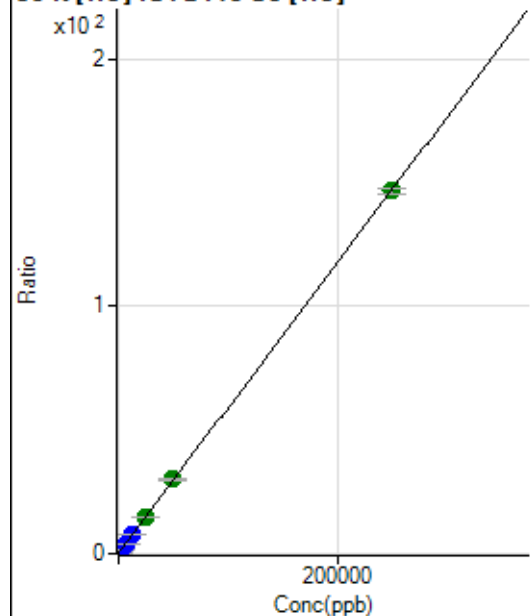
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105561.03		P	0.2
2	☐			110777.79		P	0.5
3	☐			108745.64		P	2.0
4	☐			110887.21		P	0.7
5	☐			111023.89		P	0.4
6	☐			107895.41		P	1.2
7	☐			111031.92		P	1.1
8	☐			106588.59		P	1.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			613.92		P	4.4
2	☐			622.25		P	7.8
3	☐			591.69		P	6.5
4	☐			630.59		P	11.2
5	☐			658.36		P	2.5
6	☐			663.92		P	2.9
7	☐			719.48		P	9.9
8	☐			600.03		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20595.66	0.1919	P	1.0
2	☐	500.000	475.543	50182.51	0.4707	P	2.8
3	☐	2500.000	2516.534	180609.76	1.6674	P	0.8
4	☐	6250.000	6622.792	432237.57	4.0751	P	1.4
5	☐	12500.000	13177.097	833508.65	7.9181	P	1.2
6	☐	25000.000	25086.668	1539513.07	14.9010	A	1.0
7	☐	50000.000	51124.651	3149989.05	30.1679	A	2.3
8	☐	250000.00	249723.11	14873783.14	146.6125	A	1.8

$$y = 5.8633\text{E-}004 * x + 0.1919$$

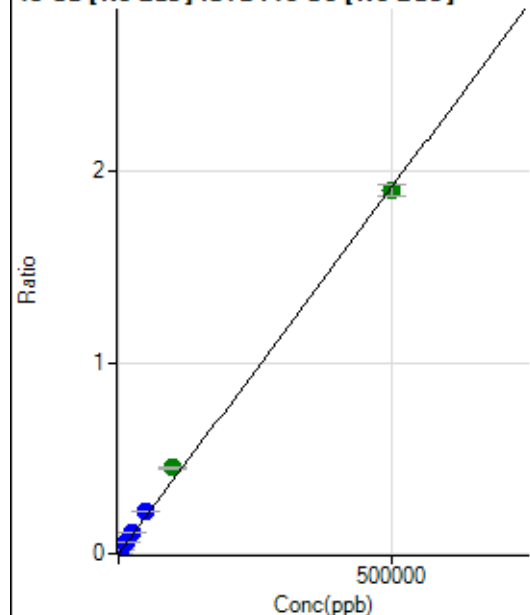
$$R = 1.0000$$

$$DL = 10.21$$

$$BEC = 327.3$$

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	158.31	0.0000	P	15.4
2	☐	500.000	494.542	6924.98	0.0019	P	1.6
3	☐	5000.000	5570.212	78164.34	0.0214	P	3.8
4	☐	12500.000	14879.586	203645.42	0.0571	P	2.1
5	☐	25000.000	28797.958	400724.16	0.1105	P	0.9
6	☐	50000.000	57397.615	772276.63	0.2202	P	1.0
7	☐	100000.00	116971.96	1601197.00	0.4487	A	1.6
8	☐	500000.00	495610.76	6558574.25	1.9009	A	3.3

$$y = 3.8354\text{E-}006 * x + 4.4630\text{E-}005$$

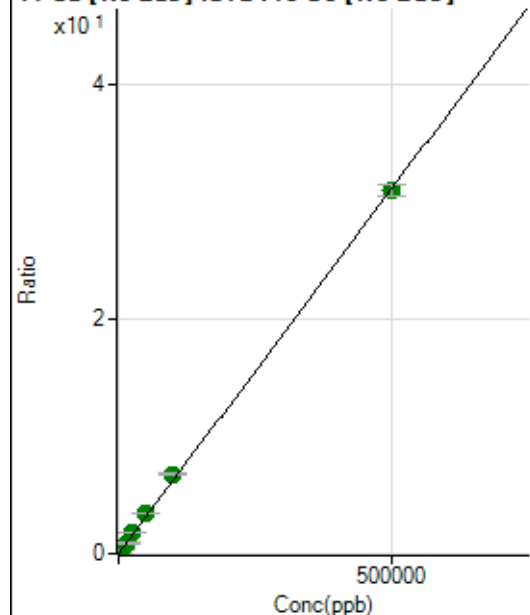
$$R = 0.9993$$

$$DL = 5.389$$

$$BEC = 11.64$$

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	10838.18	0.0031	P	2.9
2	☐	500.000	500.407	121859.82	0.0342	P	1.8
3	☐	5000.000	5343.940	1223948.49	0.3353	A	4.3
4	☐	12500.000	14294.850	3180010.71	0.8918	A	2.9
5	☐	25000.000	27811.620	6281443.37	1.7321	A	1.2
6	☐	50000.000	54789.520	11957945.49	3.4093	A	1.3
7	☐	100000.00	109244.32	24245184.18	6.7947	A	2.1
8	☐	500000.00	497483.29	106716604.7	30.9315	A	3.3

$$y = 6.2170\text{E-}005 * x + 0.0031$$

$$R = 0.9998$$

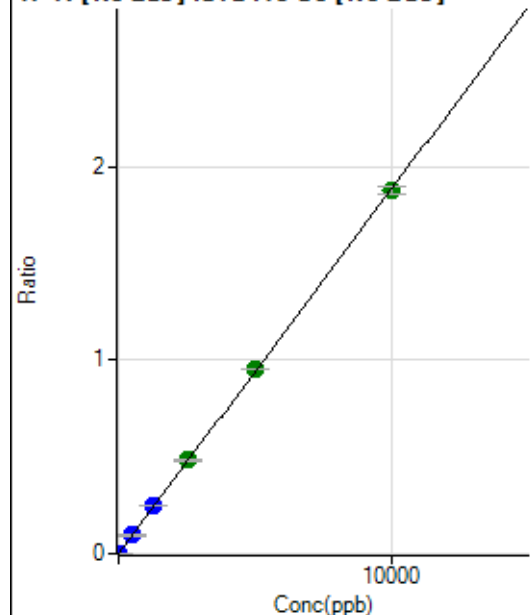
$$DL = 4.236$$

$$BEC = 49.09$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0000	P	27.4
2	☐	5.000	5.064	3558.87	0.0010	P	8.9
3	☐	500.000	503.019	346317.75	0.0949	P	3.6
4	☐	1250.000	1332.478	895911.75	0.2512	P	0.6
5	☐	2500.000	2558.487	1748934.57	0.4823	A	1.8
6	☐	5000.000	5049.684	3338327.72	0.9518	A	0.4
7	☐	10000.000	9950.076	6692026.32	1.8755	A	2.2
8	☐			5679.06	0.0016	P	2.0

$$y = 1.8849\text{E-}004 * x + 4.3896\text{E-}005$$

$$R = 0.9999$$

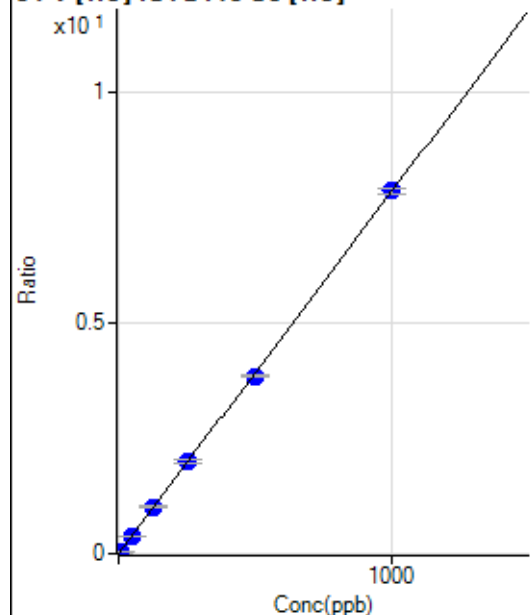
$$DL = 0.1916$$

$$BEC = 0.2329$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0001	P	49.2
2	☐	5.000	4.684	3919.46	0.0368	P	4.2
3	☐	50.000	48.586	41234.95	0.3807	P	1.4
4	☐	125.000	129.385	107511.56	1.0136	P	2.2
5	☐	250.000	255.348	210550.16	2.0004	P	3.3
6	☐	500.000	490.786	397217.13	3.8447	P	0.9
7	☐	1000.000	1002.794	820304.56	7.8555	P	1.4
8	☐			1402.31	0.0138	P	3.3

$$y = 0.0078 * x + 7.2321\text{E-}005$$

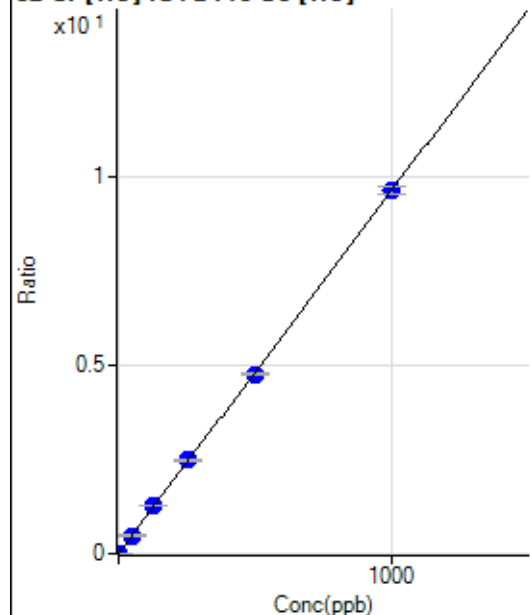
$$R = 0.9999$$

$$DL = 0.01362$$

$$BEC = 0.009232$$

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	362.23	0.0034	P	6.2
2	☐	2.000	1.889	2303.54	0.0216	P	1.7
3	☐	50.000	49.928	52546.32	0.4851	P	1.2
4	☐	125.000	132.369	135823.28	1.2805	P	2.1
5	☐	250.000	257.301	261653.91	2.4859	P	2.8
6	☐	500.000	495.122	493900.68	4.7804	P	1.0
7	☐	1000.000	999.697	1007512.34	9.6486	P	2.0
8	☐			8811.68	0.0869	P	1.7

$$y = 0.0096 * x + 0.0034$$

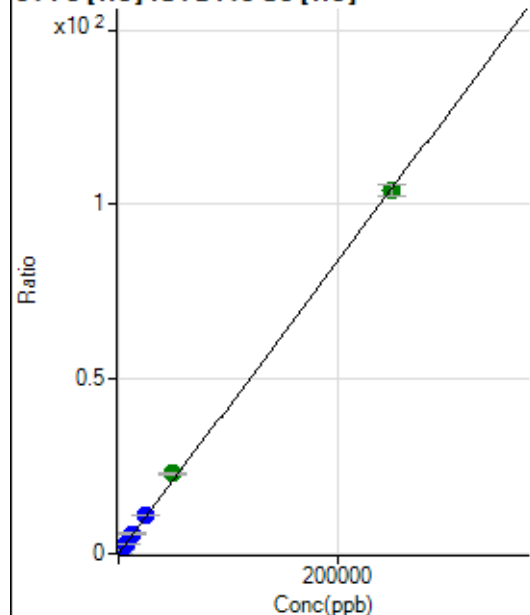
$$R = 0.9999$$

$$DL = 0.0646$$

$$BEC = 0.35$$

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	437.05	0.0041	P	15.9
2	☐	50.000	53.890	2833.67	0.0266	P	2.3
3	☐	2500.000	2662.698	120898.79	1.1161	P	2.3
4	☐	6250.000	7069.050	313570.80	2.9563	P	1.3
5	☐	12500.000	13804.637	607273.61	5.7693	P	2.4
6	☐	25000.000	26813.629	1157415.55	11.2022	P	1.2
7	☐	50000.000	54944.541	2396415.07	22.9505	A	1.8
8	☐	250000.00	248742.39	10538439.01	103.8860	A	3.0

$$y = 4.1763E-004 * x + 0.0041$$

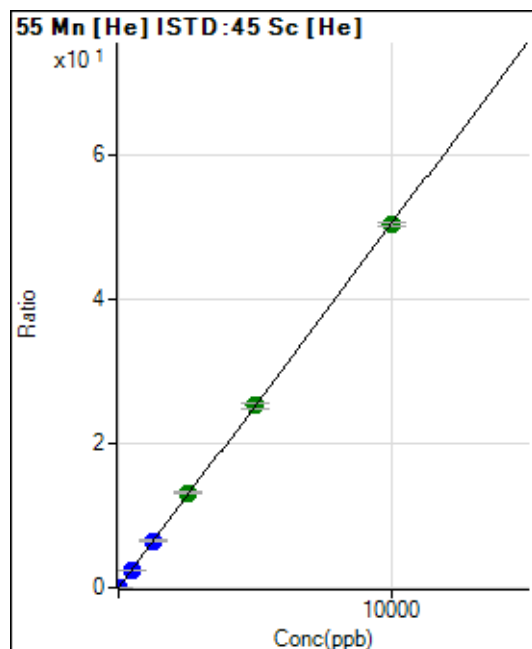
$$R = 0.9998$$

$$DL = 4.645$$

$$BEC = 9.756$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.55	0.0002	P	41.7
2	☐	1.000	1.009	567.79	0.0053	P	2.6
3	☐	500.000	491.774	268623.42	2.4798	P	1.8
4	☐	1250.000	1289.009	689450.37	6.4996	P	1.8
5	☐	2500.000	2612.434	1386600.40	13.1725	A	1.5
6	☐	5000.000	5007.737	2608759.53	25.2499	A	2.9
7	☐	10000.000	9963.558	5245988.43	50.2377	A	1.2
8	☐			5714.53	0.0563	P	0.7

$$y = 0.0050 * x + 2.3797E-004$$

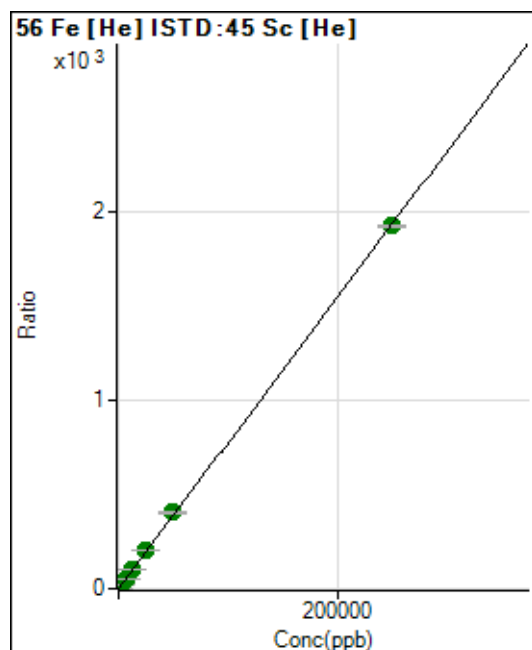
$$R = 0.9999$$

$$DL = 0.05905$$

$$BEC = 0.0472$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2235.40	0.0208	P	5.8
2	☐	50.000	48.481	42049.27	0.3944	P	1.9
3	☐	2500.000	2636.820	2203448.99	20.3409	A	1.7
4	☐	6250.000	6899.735	5642553.19	53.1922	A	2.5
5	☐	12500.000	13437.705	10902518.42	103.5757	A	2.3
6	☐	25000.000	25934.335	20650421.29	199.8783	A	1.0
7	☐	50000.000	52315.445	42104063.44	403.1788	A	2.4
8	☐	250000.00	249378.98	194983980.2	1,921.807	A	0.6

$$y = 0.0077 * x + 0.0208$$

$$R = 1.0000$$

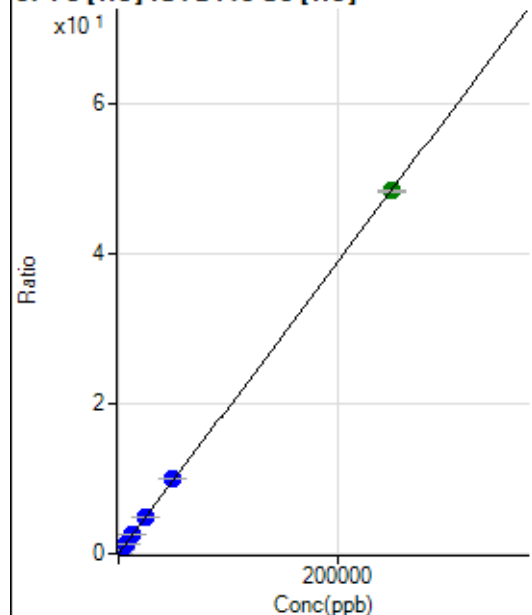
$$DL = 0.4739$$

$$BEC = 2.702$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.82	0.0020	P	10.4
2	☐	50.000	49.529	1237.11	0.0116	P	8.4
3	☐	2500.000	2598.374	54818.38	0.5061	P	1.4
4	☐	6250.000	6685.454	137779.11	1.2989	P	1.3
5	☐	12500.000	13420.834	274259.49	2.6055	P	2.9
6	☐	25000.000	25566.312	512644.79	4.9616	P	1.6
7	☐	50000.000	51363.347	1040695.02	9.9659	P	1.3
8	☐	250000.00	249612.78	4912875.57	48.4242	A	0.5

$$y = 1.9399\text{E-}004 * x + 0.0020$$

$$R = 1.0000$$

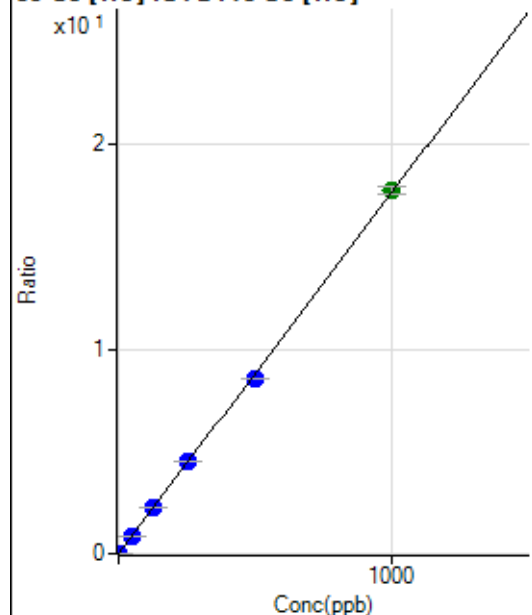
$$DL = 3.204$$

$$BEC = 10.32$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0004	P	11.4
2	☐	1.000	0.990	1909.04	0.0179	P	4.7
3	☐	50.000	48.865	93384.18	0.8621	P	0.6
4	☐	125.000	128.487	240386.68	2.2662	P	2.1
5	☐	250.000	255.201	473763.37	4.5007	P	1.5
6	☐	500.000	486.376	886138.19	8.5772	P	0.4
7	☐	1000.000	1005.133	1850780.37	17.7250	A	2.0
8	☐			1774.57	0.0175	P	10.9

$$y = 0.0176 * x + 4.4547\text{E-}004$$

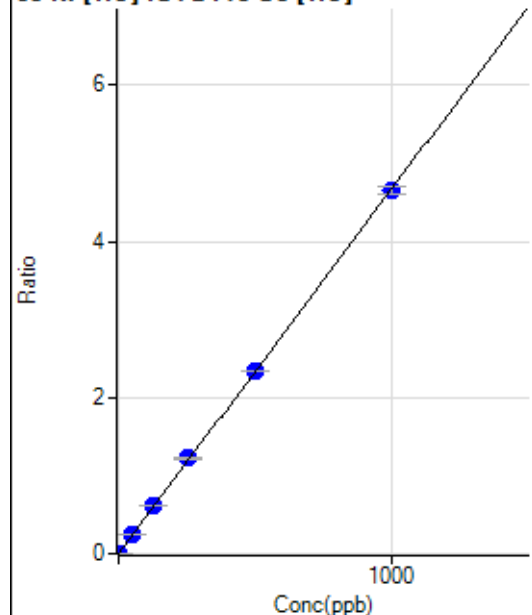
$$R = 0.9998$$

$$DL = 0.008651$$

$$BEC = 0.02526$$

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	27.78	0.0003	P	28.4
2	☐	1.000	1.133	591.13	0.0055	P	16.5
3	☐	50.000	51.281	25954.90	0.2396	P	0.5
4	☐	125.000	132.707	65732.32	0.6197	P	1.9
5	☐	250.000	262.690	129086.60	1.2264	P	2.6
6	☐	500.000	501.087	241666.14	2.3391	P	0.8
7	☐	1000.000	995.257	485129.47	4.6456	P	2.3
8	☐			1561.22	0.0154	P	3.8

$$y = 0.0047 * x + 2.5915E-004$$

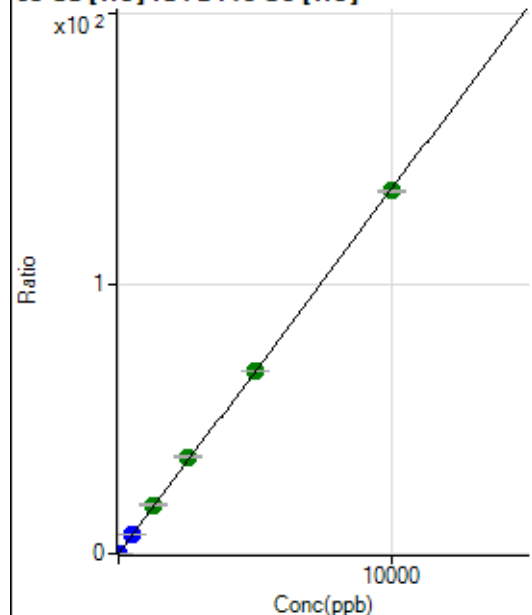
$$R = 0.9999$$

$$DL = 0.04734$$

$$BEC = 0.05552$$

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	431.12	0.0040	P	4.7
2	☐	2.000	2.106	3462.68	0.0325	P	4.0
3	☐	500.000	502.196	735420.42	6.7893	P	0.4
4	☐	1250.000	1343.447	1925764.62	18.1558	A	0.9
5	☐	2500.000	2648.632	3767365.67	35.7906	A	2.2
6	☐	5000.000	4998.163	6977068.09	67.5358	A	0.4
7	☐	10000.000	9951.970	14041031.18	134.4683	A	0.8
8	☐			5530.02	0.0545	P	3.9

$$y = 0.0135 * x + 0.0040$$

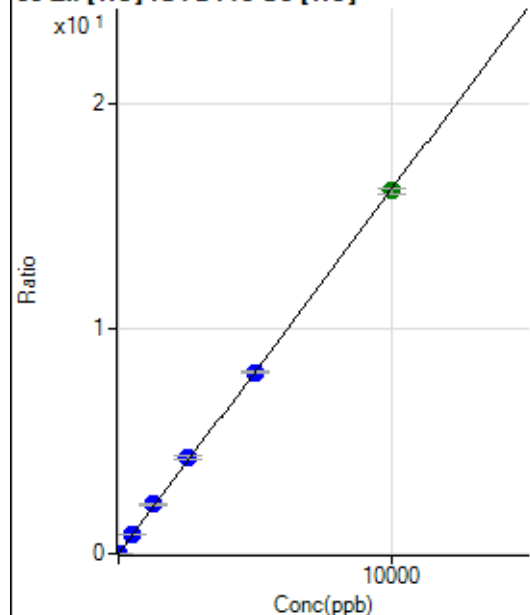
$$R = 0.9998$$

$$DL = 0.04212$$

$$BEC = 0.2974$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.89	0.0013	P	9.3
2	☐	2.000	2.163	511.13	0.0048	P	4.8
3	☐	500.000	519.323	91157.85	0.8416	P	0.7
4	☐	1250.000	1346.180	231163.32	2.1794	P	1.7
5	☐	2500.000	2643.389	450325.85	4.2783	P	2.6
6	☐	5000.000	4980.757	832725.94	8.0601	P	0.4
7	☐	10000.000	9960.785	1682995.32	16.1178	A	1.8
8	☐			1682.34	0.0166	P	9.6

$$y = 0.0016 * x + 0.0013$$

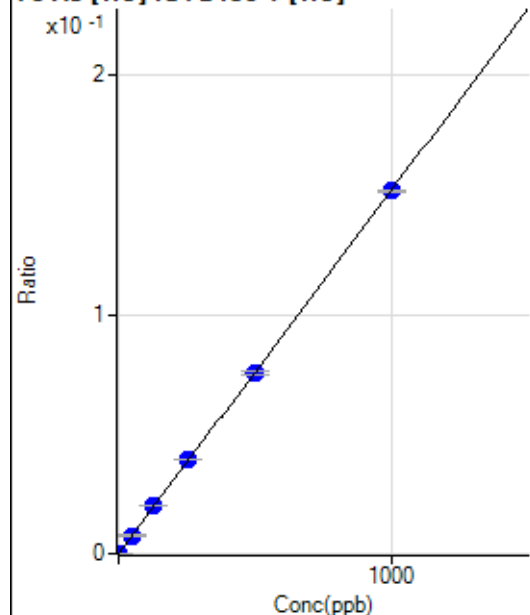
$$R = 0.9999$$

$$DL = 0.223$$

$$BEC = 0.7996$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.67	0.0000	P	41.9
2	☐	1.000	0.989	113.34	0.0002	P	11.5
3	☐	50.000	50.034	5641.70	0.0076	P	2.4
4	☐	125.000	132.600	14508.23	0.0201	P	2.5
5	☐	250.000	259.159	28397.25	0.0394	P	0.3
6	☐	500.000	497.532	53973.53	0.0756	P	1.4
7	☐	1000.000	997.992	108063.03	0.1516	P	0.6
8	☐			111.01	0.0002	P	3.5

$$y = 1.5189E-004 * x + 5.0610E-006$$

$$R = 0.9999$$

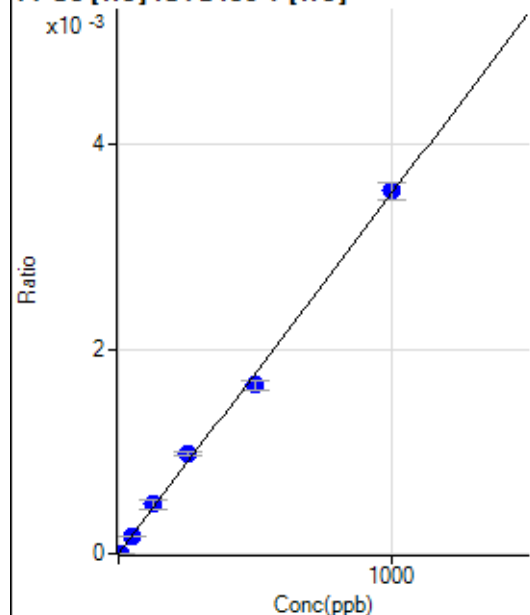
$$DL = 0.04187$$

$$BEC = 0.03332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	0.860	3.33	0.0000	P	100.
3	☐	50.000	47.667	125.56	0.0002	P	9.9
4	☐	125.000	136.570	346.68	0.0005	P	21.1
5	☐	250.000	277.179	704.47	0.0010	P	3.4
6	☐	500.000	468.896	1178.95	0.0017	P	5.6
7	☐	1000.000	1007.449	2526.92	0.0035	P	4.5
8	☐			3.33	0.0000	P	173.

$$y = 3.5178\text{E-}006 * x + 1.5300\text{E-}006$$

$$R = 0.9988$$

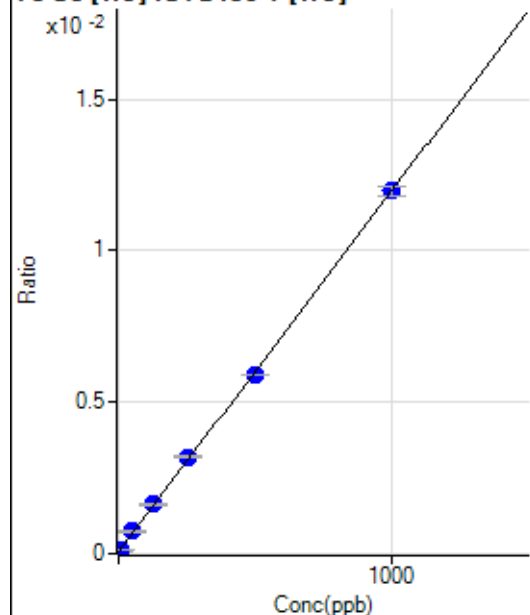
$$DL = 2.26$$

$$BEC = 0.4349$$

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	51.01	0.0001	P	8.7
2	☐	5.000	4.956	94.34	0.0001	P	7.1
3	☐	50.000	55.906	545.40	0.0007	P	5.9
4	☐	125.000	132.143	1182.50	0.0016	P	4.2
5	☐	250.000	262.750	2304.43	0.0032	P	2.1
6	☐	500.000	489.969	4211.39	0.0059	P	0.9
7	☐	1000.000	1000.640	8534.12	0.0120	P	2.9
8	☐			59.68	0.0001	P	8.0

$$y = 1.1891\text{E-}005 * x + 7.0322\text{E-}005$$

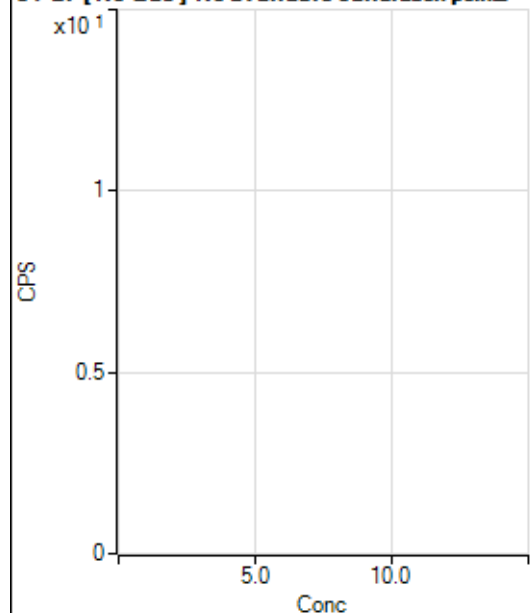
$$R = 0.9998$$

$$DL = 1.541$$

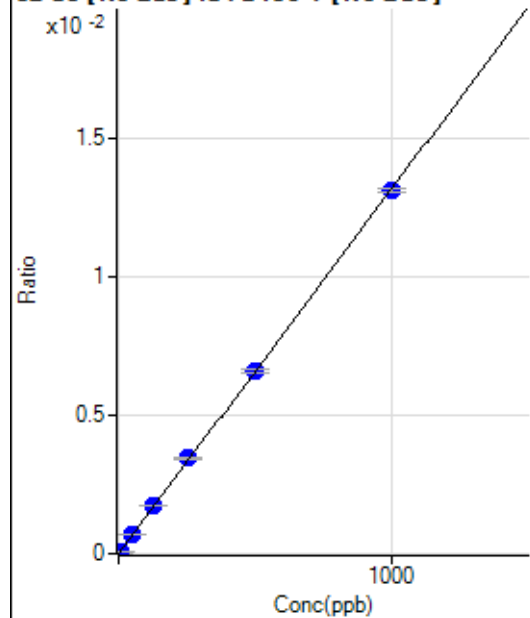
$$BEC = 5.914$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33323.94		P	1.9
2	☐			33046.65		P	3.9
3	☐			33869.60		P	2.9
4	☐			32032.87		P	1.0
5	☐			31795.55		P	2.2
6	☐			31986.17		P	2.3
7	☐			31190.13		P	1.4
8	☐			31009.58		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.25	0.0000	P	278.
2	☐	5.000	4.800	462.88	0.0001	P	8.3
3	☐	50.000	51.651	5052.53	0.0007	P	5.7
4	☐	125.000	133.356	12764.16	0.0018	P	0.8
5	☐	250.000	262.934	25061.92	0.0035	P	1.5
6	☐	500.000	500.905	48181.48	0.0066	P	2.6
7	☐	1000.000	995.188	95984.24	0.0131	P	1.2
8	☐			308.31	0.0000	P	2.3

$$y = 1.3152E-005 * x + 1.5958E-006$$

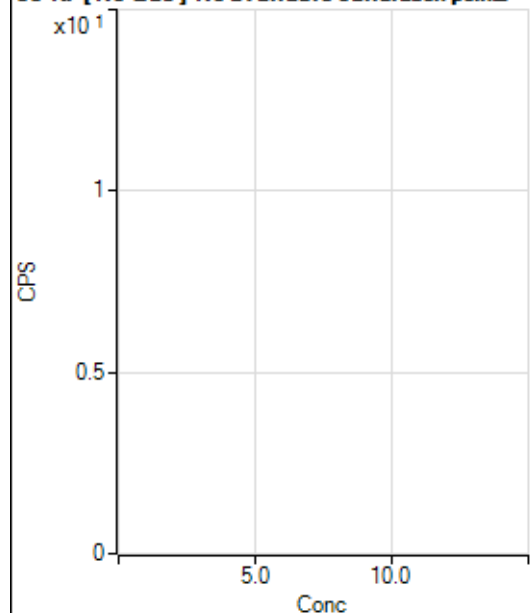
$$R = 0.9999$$

$$DL = 1.012$$

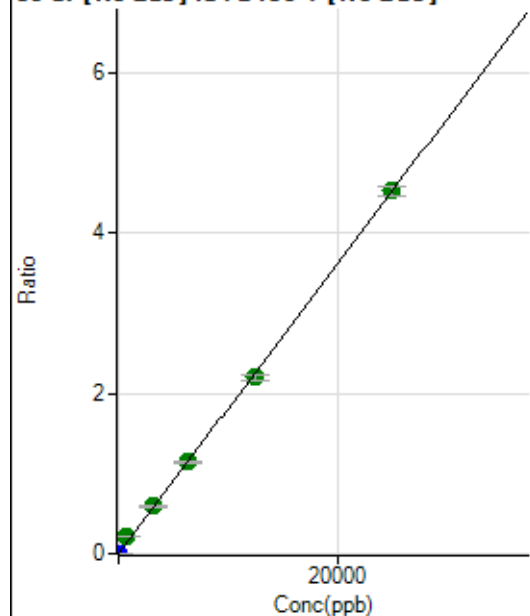
$$BEC = 0.1213$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			392.88		P	4.0
2	☐			372.88		P	10.9
3	☐			420.37		P	5.5
4	☐			403.29		P	4.7
5	☐			389.54		P	11.6
6	☐			362.04		P	2.6
7	☐			377.46		P	2.1
8	☐			372.88		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	647.26	0.0001	P	8.9
2	☐	1.000	0.948	1872.40	0.0003	P	6.7
3	☐	625.000	1234.139	1654465.02	0.2229	A	3.7
4	☐	3125.000	3262.584	4283672.84	0.5891	A	2.2
5	☐	6250.000	6352.177	8307414.94	1.1468	A	2.1
6	☐	12500.000	12218.926	16128700.01	2.2060	A	3.3
7	☐	25000.000	25082.566	33197035.12	4.5282	A	2.4
8	☐			12583.92	0.0018	P	7.3

$$y = 1.8053E-004 * x + 9.0572E-005$$

$$R = 0.9996$$

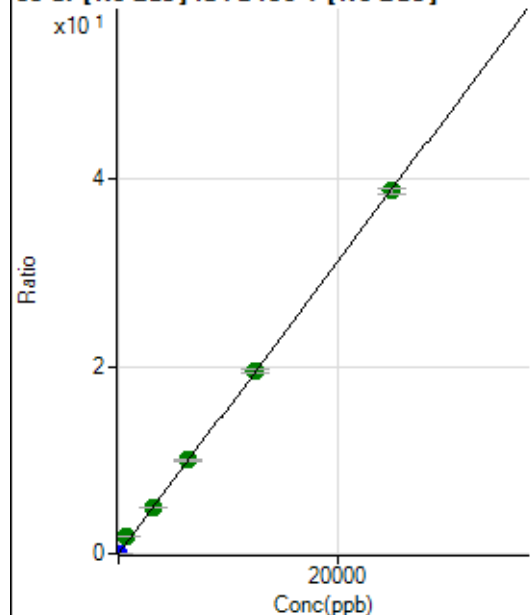
$$DL = 0.1342$$

$$BEC = 0.5017$$

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	183.34	0.0000	P	23.0
2	☐	1.000	0.946	10707.18	0.0015	P	2.4
3	☐	625.000	1220.847	14100237.82	1.8994	A	3.1
4	☐	3125.000	3195.271	36146616.78	4.9711	A	1.5
5	☐	6250.000	6423.845	72390938.42	9.9941	A	1.8
6	☐	12500.000	12526.738	142512012.9	19.4888	A	2.3
7	☐	25000.000	24919.490	284289153.5	38.7690	A	1.4
8	☐			104161.14	0.0147	P	7.9

$$y = 0.0016 * x + 2.5622E-005$$

$$R = 0.9997$$

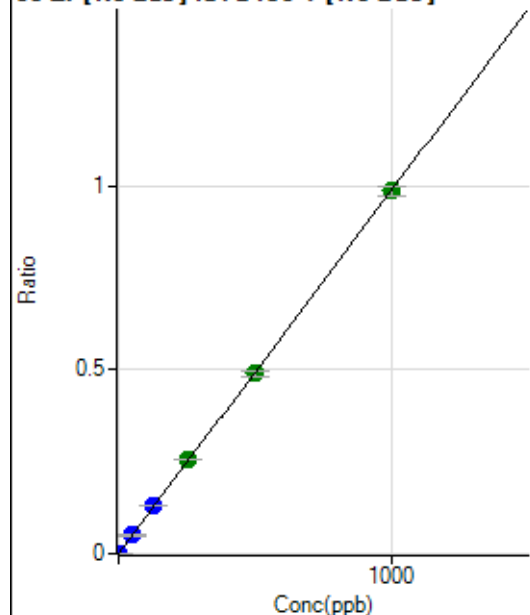
$$DL = 0.01135$$

$$BEC = 0.01647$$

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	280.56	0.0000	P	28.6
2	☐	1.000	0.947	6974.16	0.0010	P	3.2
3	☐	50.000	50.546	371148.81	0.0500	P	3.2
4	☐	125.000	133.186	957374.64	0.1317	P	0.6
5	☐	250.000	259.451	1857817.64	0.2565	A	1.1
6	☐	500.000	495.792	3583374.82	0.4901	A	2.8
7	☐	1000.000	998.691	7236904.24	0.9871	A	2.4
8	☐			2522.53	0.0004	P	16.2

$$y = 9.8835E-004 * x + 3.9257E-005$$

$$R = 0.9999$$

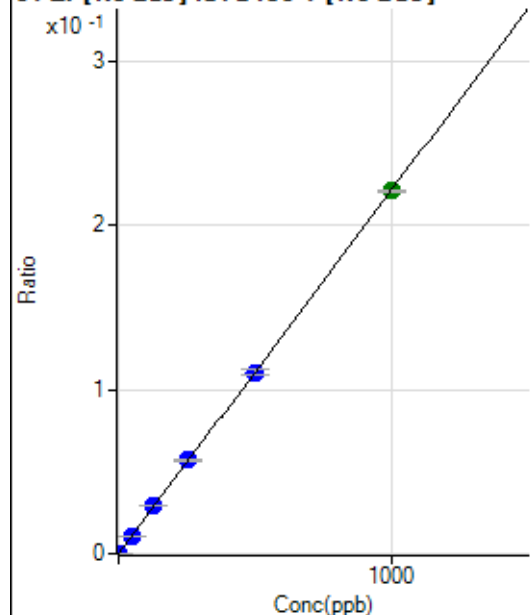
$$DL = 0.03409$$

$$BEC = 0.03972$$

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	30.56	0.0000	P	63.2
2	☐	1.000	0.952	1539.02	0.0002	P	7.8
3	☐	50.000	49.075	80832.39	0.0109	P	1.3
4	☐	125.000	132.176	213127.46	0.0293	P	0.4
5	☐	250.000	256.779	412456.13	0.0569	P	0.9
6	☐	500.000	499.036	809024.44	0.1107	P	3.0
7	☐	1000.000	997.937	1622619.54	0.2213	A	0.5
8	☐			566.69	0.0001	P	2.7

$$y = 2.2173\text{E-}004 * x + 4.2848\text{E-}006$$

$$R = 0.9999$$

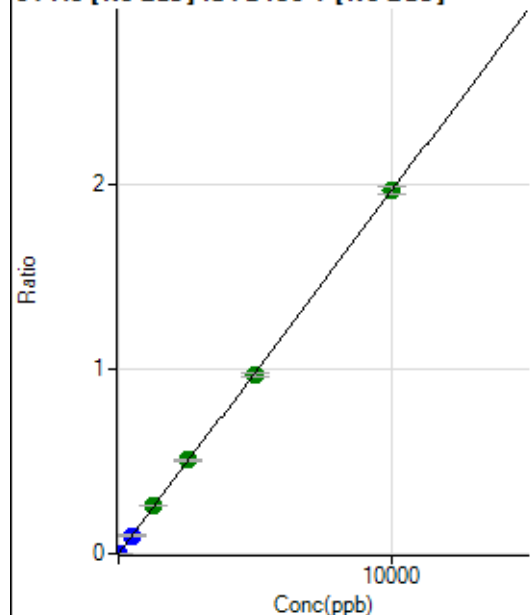
$$DL = 0.03665$$

$$BEC = 0.01932$$

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	77.78	0.0000	P	62.2
2	☐	5.000	5.710	8099.82	0.0011	P	2.3
3	☐	500.000	497.584	726076.53	0.0978	P	3.5
4	☐	1250.000	1309.341	1871385.27	0.2574	A	0.2
5	☐	2500.000	2583.755	3678826.13	0.5079	A	1.6
6	☐	5000.000	4941.101	7103281.75	0.9712	A	1.6
7	☐	10000.000	10001.214	14412973.07	1.9658	A	2.0
8	☐			6290.53	0.0009	P	5.5

$$y = 1.9656\text{E-}004 * x + 1.0850\text{E-}005$$

$$R = 0.9999$$

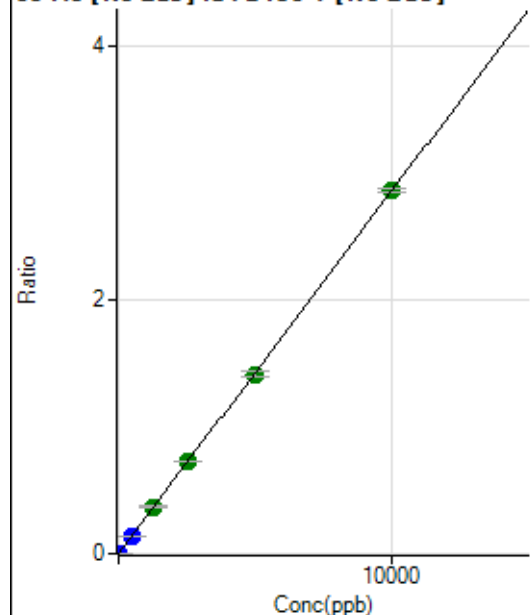
$$DL = 0.1029$$

$$BEC = 0.0552$$

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	13.89	0.0000	P	70.1
2	☐	5.000	5.004	10242.97	0.0014	P	7.0
3	☐	500.000	491.134	1041982.58	0.1404	P	3.5
4	☐	1250.000	1299.749	2701130.75	0.3715	A	1.8
5	☐	2500.000	2548.115	5275567.70	0.7283	A	0.7
6	☐	5000.000	4944.433	10331628.27	1.4132	A	3.5
7	☐	10000.000	10009.980	20977848.73	2.8610	A	1.1
8	☐			8580.69	0.0012	P	3.5

$$y = 2.8581E-004 * x + 1.9488E-006$$

$$R = 1.0000$$

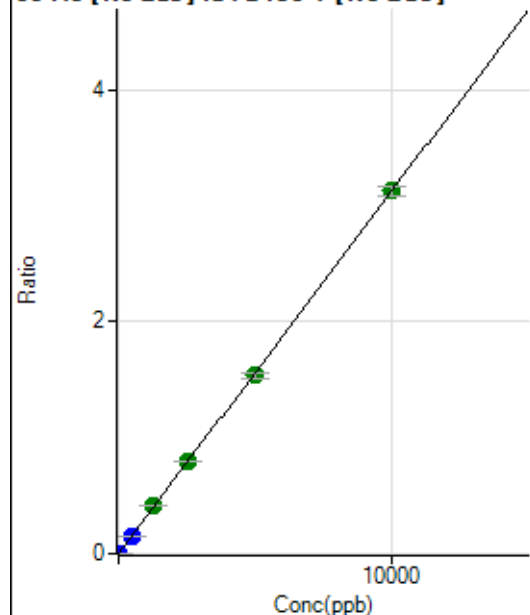
$$DL = 0.01433$$

$$BEC = 0.006818$$

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	102.78	0.0000	P	46.5
2	☐	5.000	4.952	11152.03	0.0016	P	1.4
3	☐	500.000	493.984	1144444.02	0.1542	P	3.2
4	☐	1250.000	1310.113	2972626.82	0.4088	A	1.3
5	☐	2500.000	2554.585	5774627.26	0.7972	A	0.6
6	☐	5000.000	4929.948	11247881.41	1.5384	A	3.5
7	☐	10000.000	10014.167	22910553.98	3.1250	A	2.6
8	☐			15801.17	0.0022	P	0.9

$$y = 3.1206E-004 * x + 1.4390E-005$$

$$R = 0.9999$$

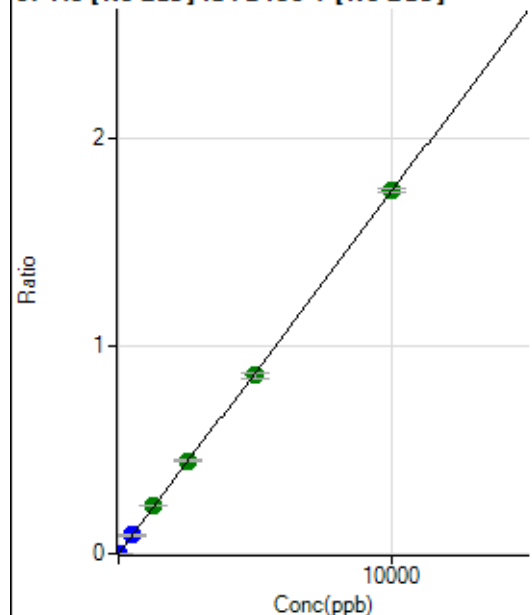
$$DL = 0.06427$$

$$BEC = 0.04611$$

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	11.11	0.0000	P	115.
2	☐	5.000	5.086	6354.40	0.0009	P	3.5
3	☐	500.000	508.367	658432.90	0.0887	P	3.8
4	☐	1250.000	1321.311	1676287.90	0.2306	A	0.9
5	☐	2500.000	2570.302	3248750.23	0.4485	A	1.1
6	☐	5000.000	4913.030	6269445.24	0.8573	A	2.5
7	☐	10000.000	10016.577	12815245.68	1.7477	A	1.1
8	☐			5328.95	0.0008	P	4.6

$$y = 1.7449\text{E-}004 * x + 1.5609\text{E-}006$$

$$R = 0.9999$$

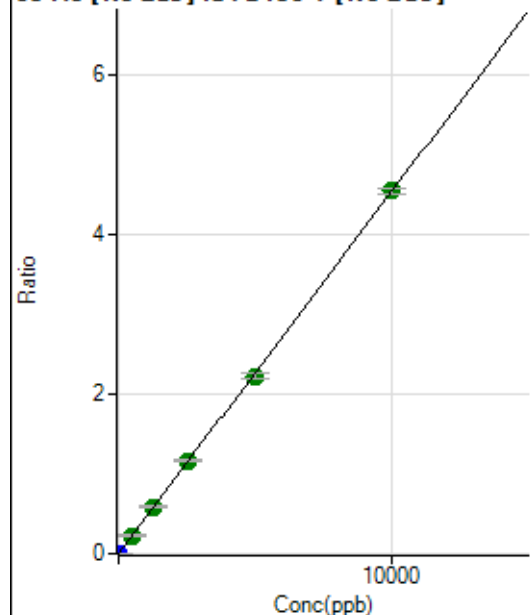
$$DL = 0.0309$$

$$BEC = 0.008946$$

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	25.00	0.0000	P	57.6
2	☐	5.000	4.988	16190.45	0.0023	P	2.7
3	☐	500.000	500.282	1683387.75	0.2268	A	3.7
4	☐	1250.000	1299.484	4282405.09	0.5891	A	3.6
5	☐	2500.000	2568.381	8433693.16	1.1643	A	1.8
6	☐	5000.000	4899.436	16239854.88	2.2210	A	3.6
7	☐	10000.000	10026.987	33324538.25	4.5453	A	1.9
8	☐			13557.04	0.0019	P	0.6

$$y = 4.5331\text{E-}004 * x + 3.4959\text{E-}006$$

$$R = 0.9999$$

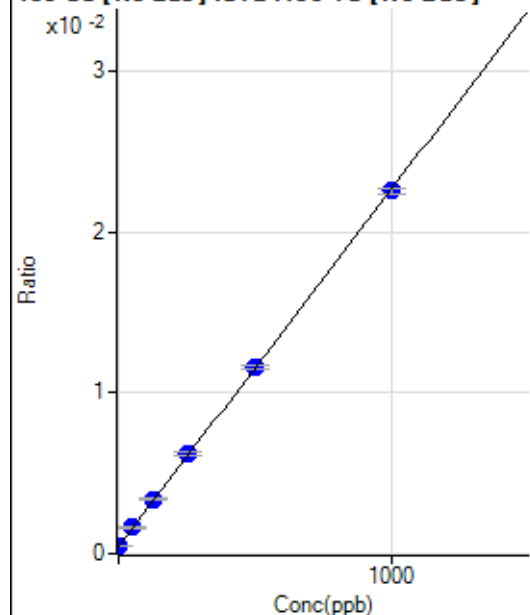
$$DL = 0.01333$$

$$BEC = 0.007712$$

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	2361.38	0.0005	P	6.2
2	☐	1.000	0.081	2408.62	0.0005	P	12.0
3	☐	50.000	52.382	8850.32	0.0016	P	2.8
4	☐	125.000	132.147	18749.30	0.0034	P	2.2
5	☐	250.000	260.709	34449.55	0.0062	P	3.9
6	☐	500.000	502.524	63920.81	0.0116	P	2.3
7	☐	1000.000	995.049	125006.69	0.0225	P	1.5
8	☐			2194.68	0.0004	P	3.0

$$y = 2.2194\text{E-}005 * x + 4.5093\text{E-}004$$

$$R = 0.9999$$

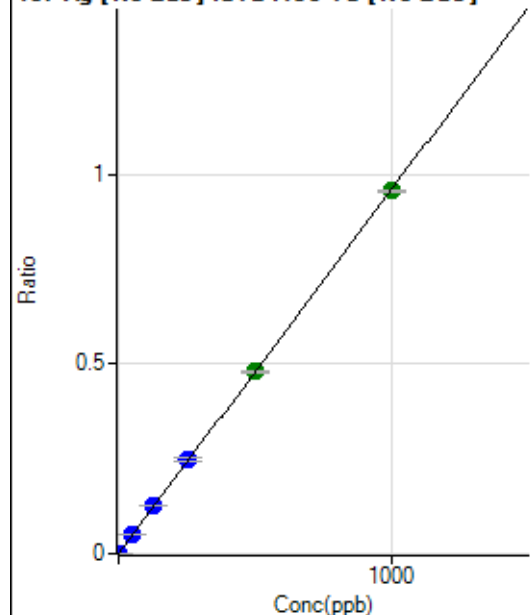
$$DL = 3.801$$

$$BEC = 20.32$$

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	161.12	0.0000	P	23.5
2	☐	1.000	1.001	5267.82	0.0010	P	5.1
3	☐	50.000	52.277	275198.55	0.0502	P	3.2
4	☐	125.000	130.877	695831.83	0.1256	P	0.8
5	☐	250.000	259.610	1375749.66	0.2491	P	4.0
6	☐	500.000	500.601	2645370.26	0.4802	A	1.3
7	☐	1000.000	996.448	5302615.18	0.9559	A	0.7
8	☐			6587.88	0.0012	P	0.2

$$y = 9.5927\text{E-}004 * x + 3.0771\text{E-}005$$

$$R = 0.9999$$

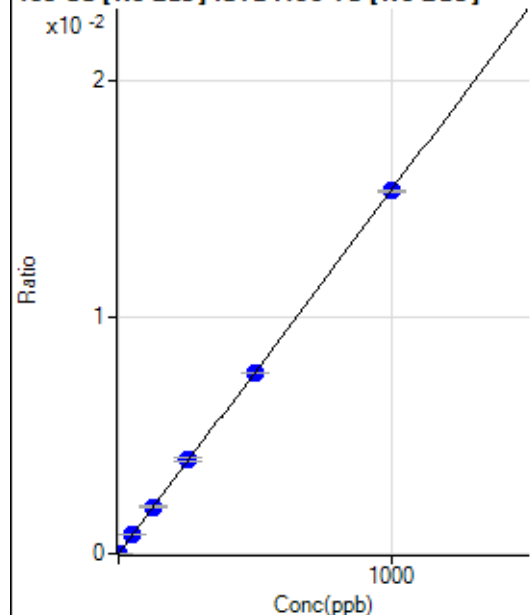
$$DL = 0.02257$$

$$BEC = 0.03208$$

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	8.33	0.0000	P	50.0
2	☐	1.000	1.220	108.34	0.0000	P	26.0
3	☐	50.000	51.487	4347.96	0.0008	P	2.7
4	☐	125.000	129.168	11007.28	0.0020	P	1.8
5	☐	250.000	258.677	21964.85	0.0040	P	2.6
6	☐	500.000	498.243	42181.20	0.0077	P	0.5
7	☐	1000.000	998.114	85078.73	0.0153	P	0.9
8	☐			62.50	0.0000	P	11.9

$$y = 1.5364\text{E-}005 * x + 1.5909\text{E-}006$$

$$R = 1.0000$$

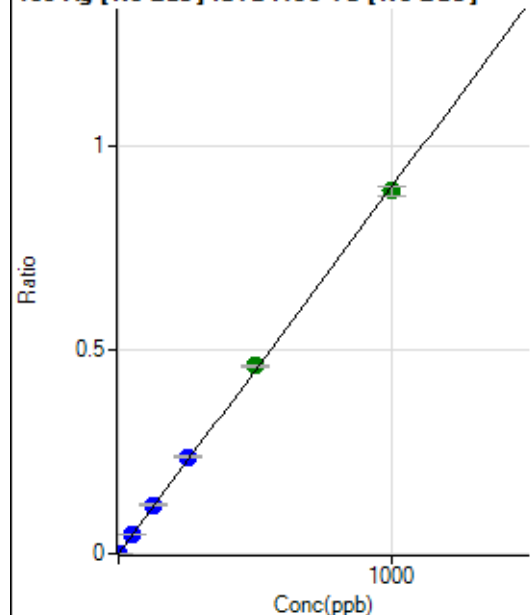
$$DL = 0.1553$$

$$BEC = 0.1035$$

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	108.34	0.0000	P	27.6
2	☐	1.000	1.002	4909.36	0.0009	P	3.9
3	☐	50.000	52.808	261120.90	0.0476	P	3.5
4	☐	125.000	133.128	664905.69	0.1200	P	1.3
5	☐	250.000	264.127	1315191.35	0.2381	P	2.1
6	☐	500.000	511.632	2540324.88	0.4611	A	1.8
7	☐	1000.000	989.496	4947063.70	0.8918	A	2.5
8	☐			6232.15	0.0012	P	4.8

$$y = 9.0124\text{E-}004 * x + 2.0682\text{E-}005$$

$$R = 0.9998$$

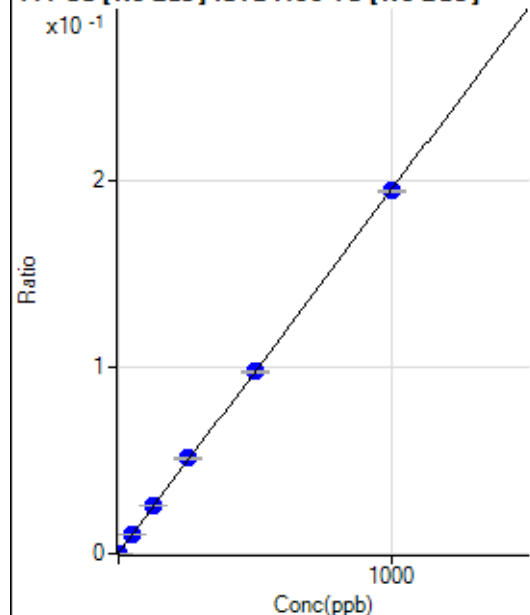
$$DL = 0.01899$$

$$BEC = 0.02295$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1665.19	0.0003	P	5.9
2	☐	1.000	0.923	2646.36	0.0005	P	5.4
3	☐	50.000	52.303	57634.07	0.0105	P	1.0
4	☐	125.000	131.941	144172.61	0.0260	P	1.3
5	☐	250.000	261.083	282712.71	0.0512	P	2.3
6	☐	500.000	499.016	537245.78	0.0975	P	1.3
7	☐	1000.000	996.739	1078857.01	0.1945	P	0.4
8	☐			1971.71	0.0004	P	2.4

$$y = 1.9480\text{E-}004 * x + 3.1798\text{E-}004$$

$$R = 0.9999$$

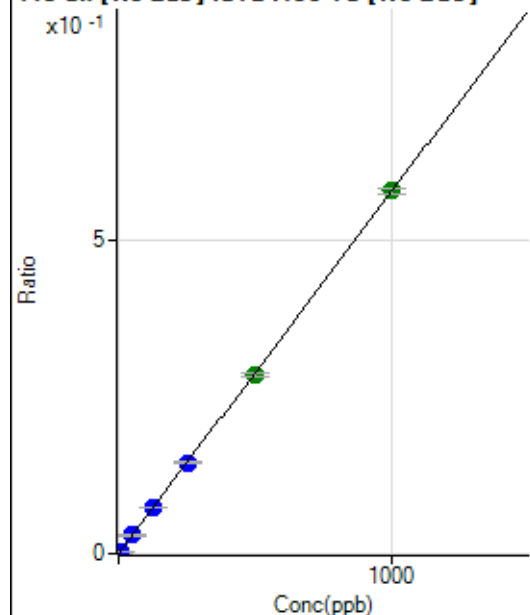
$$DL = 0.2912$$

$$BEC = 1.632$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.02	0.0001	P	15.5
2	☐	5.000	4.847	15292.32	0.0029	P	5.4
3	☐	50.000	50.513	160647.48	0.0293	P	3.7
4	☐	125.000	128.200	411289.93	0.0742	P	2.3
5	☐	250.000	251.857	805284.56	0.1458	P	3.1
6	☐	500.000	494.343	1575763.71	0.2860	A	1.5
7	☐	1000.000	1001.939	3215719.54	0.5797	A	1.3
8	☐			4692.60	0.0009	P	2.0

$$y = 5.7850\text{E-}004 * x + 7.1610\text{E-}005$$

$$R = 1.0000$$

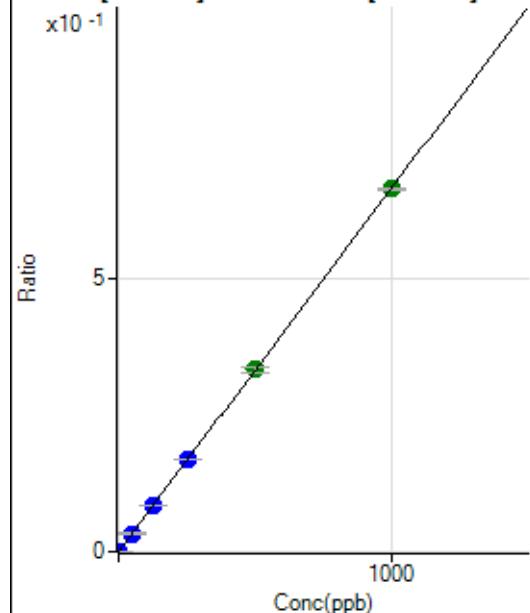
$$DL = 0.0577$$

$$BEC = 0.1238$$

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	33.33	0.0000	P	74.8
2	☐	2.000	1.921	6832.44	0.0013	P	4.3
3	☐	50.000	49.836	182061.84	0.0332	P	2.6
4	☐	125.000	125.808	464229.07	0.0838	P	2.1
5	☐	250.000	254.100	934858.04	0.1692	P	1.5
6	☐	500.000	501.003	1837860.63	0.3337	A	2.7
7	☐	1000.000	998.381	3688320.14	0.6649	A	0.8
8	☐			17497.73	0.0033	P	2.9

$$y = 6.6596\text{E-}004 * x + 6.3562\text{E-}006$$

$$R = 1.0000$$

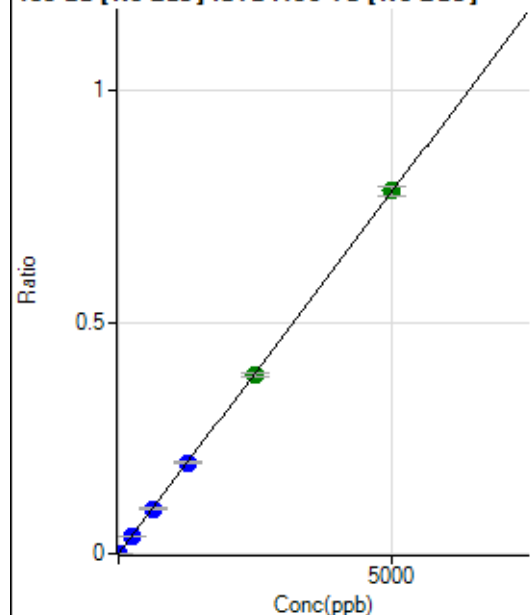
$$DL = 0.02142$$

$$BEC = 0.009544$$

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	16.67	0.0000	P	50.2
2	☐	10.000	9.096	7571.76	0.0014	P	1.8
3	☐	250.000	244.049	209155.28	0.0381	P	2.3
4	☐	625.000	622.690	539061.94	0.0973	P	1.5
5	☐	1250.000	1256.701	1084716.83	0.1963	P	2.0
6	☐	2500.000	2461.983	2119150.74	0.3847	A	2.2
7	☐	5000.000	5017.921	4349045.28	0.7840	A	2.4
8	☐			5151.15	0.0010	P	7.6

$$y = 1.5624\text{E-}004 * x + 3.1857\text{E-}006$$

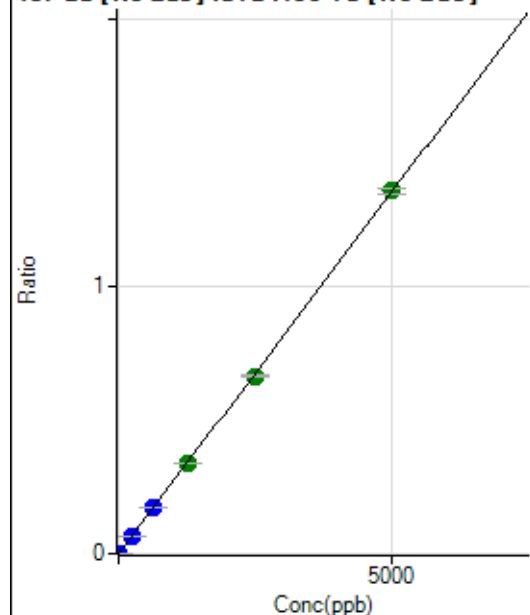
$$R = 1.0000$$

$$DL = 0.03072$$

$$BEC = 0.02039$$

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	19.44	0.0000	P	89.2
2	☐	10.000	9.447	13596.15	0.0026	P	3.1
3	☐	250.000	243.399	360766.95	0.0658	P	3.8
4	☐	625.000	638.802	956637.76	0.1726	P	1.2
5	☐	1250.000	1252.913	1870727.78	0.3386	A	0.8
6	☐	2500.000	2452.194	3651675.65	0.6627	A	1.2
7	☐	5000.000	5021.781	7528831.16	1.3572	A	1.6
8	☐			8917.06	0.0017	P	0.6

$$y = 2.7026E-004 * x + 3.7187E-006$$

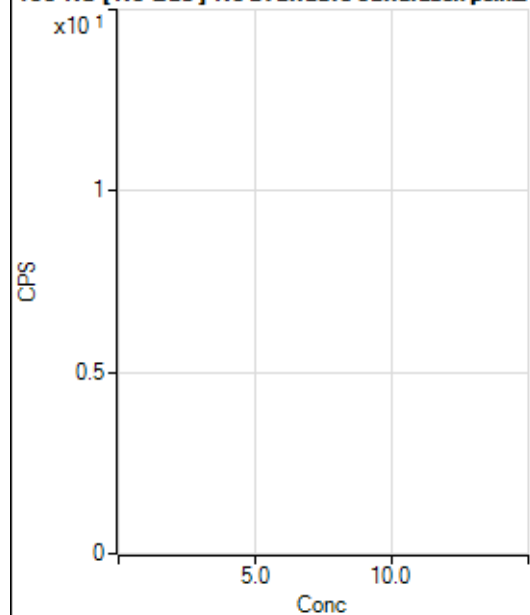
$$R = 0.9999$$

$$DL = 0.03681$$

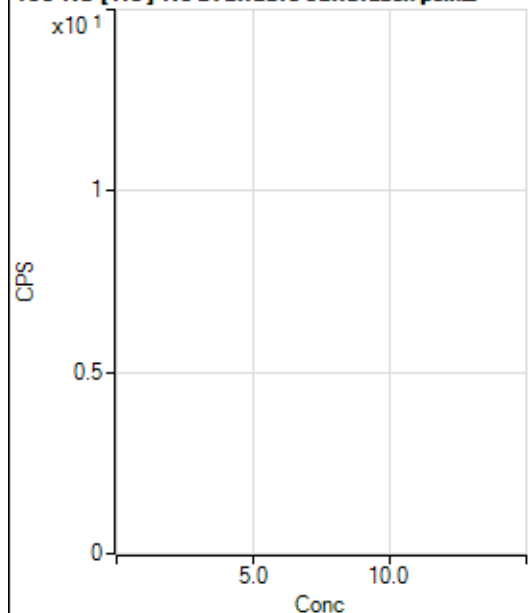
$$BEC = 0.01376$$

Weight: <None>

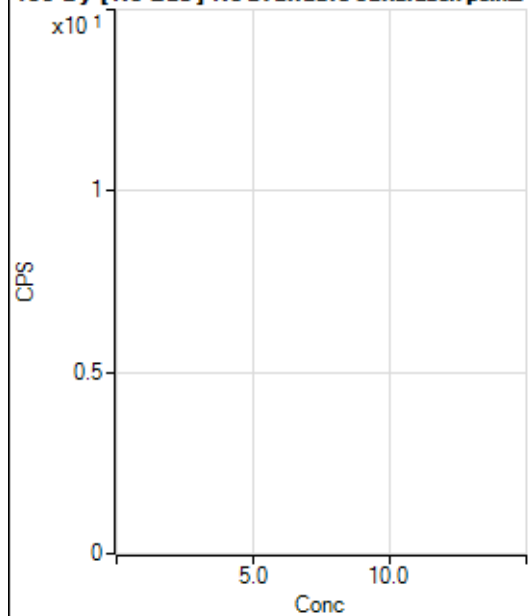
Min Conc: 0

150 Nd [No Gas] No available calibration points

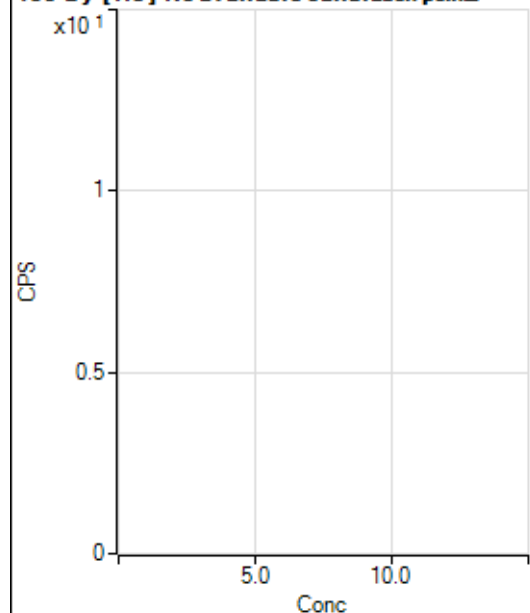
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			6.67		P	0.0
3	☐			31.11		P	32.7
4	☐			86.67		P	53.3
5	☐			117.78		P	21.4
6	☐			226.67		P	2.9
7	☐			384.46		P	17.1
8	☐			17.78		P	57.3

150 Nd [He] No available calibration points

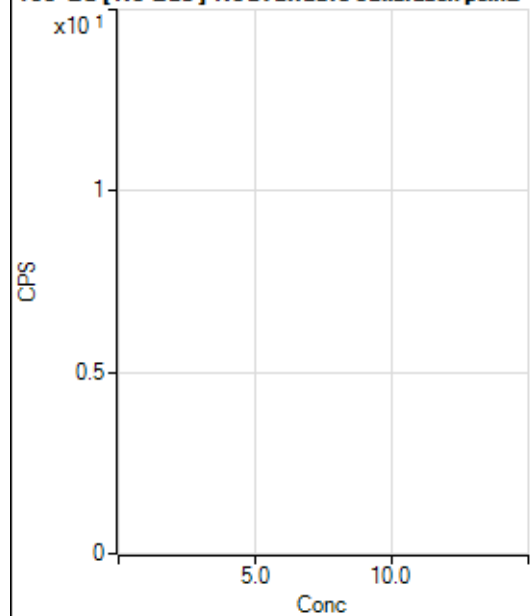
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			2.22		P	173.
4	☐			5.55		P	69.3
5	☐			4.45		P	86.6
6	☐			4.44		P	43.4
7	☐			31.11		P	40.6
8	☐			3.33		P	100.

156 Dy [No Gas] No available calibration points

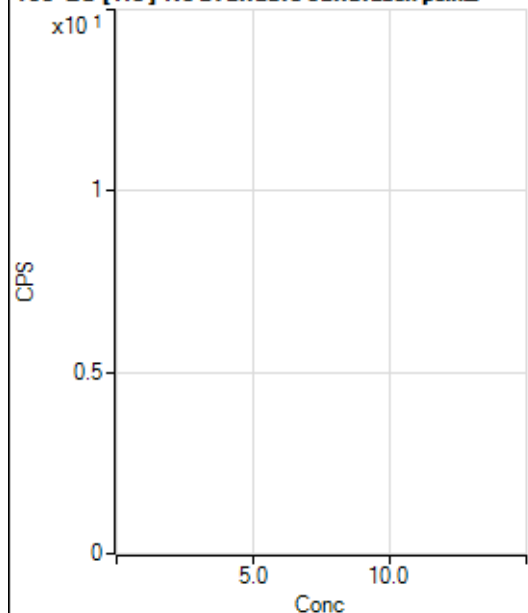
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			0.00		P	
3	☐			33.33		P	66.1
4	☐			27.78		P	17.3
5	☐			55.55		P	37.8
6	☐			127.78		P	3.8
7	☐			275.01		P	15.2
8	☐			744.48		P	15.9

156 Dy [He] No available calibration points

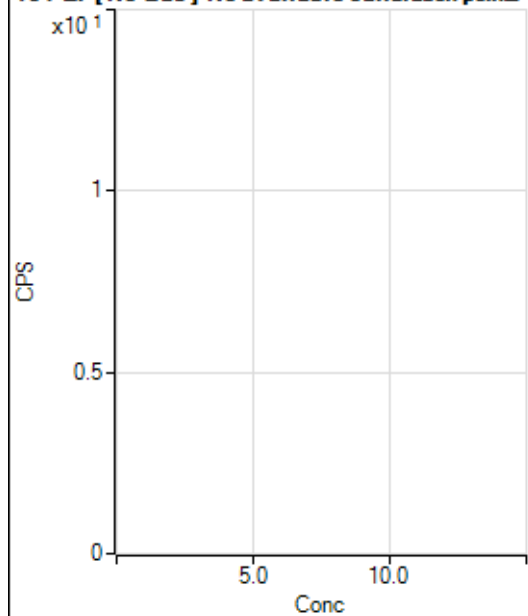
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.44		P	43.4
3	☐			2.22		P	86.6
4	☐			16.67		P	80.0
5	☐			35.56		P	27.1
6	☐			52.22		P	13.3
7	☐			112.23		P	21.1
8	☐			326.68		P	8.1

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

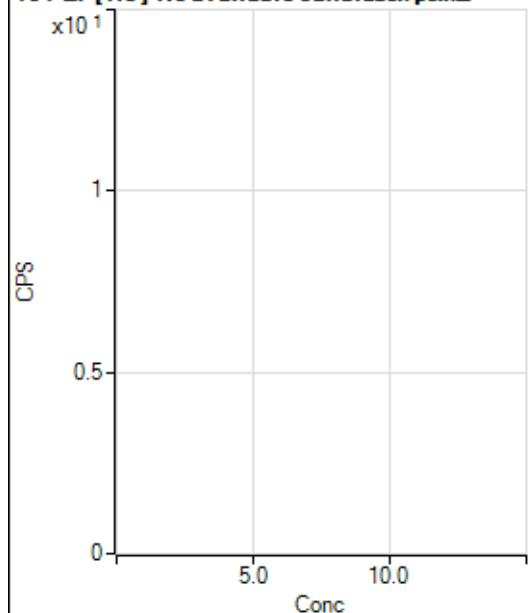
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	24.7
2	☐			30.56		P	41.7
3	☐			66.67		P	21.7
4	☐			61.11		P	55.1
5	☐			77.78		P	16.4
6	☐			108.34		P	7.7
7	☐			247.23		P	23.7
8	☐			838.94		P	6.1

160 Gd [He] No available calibration points

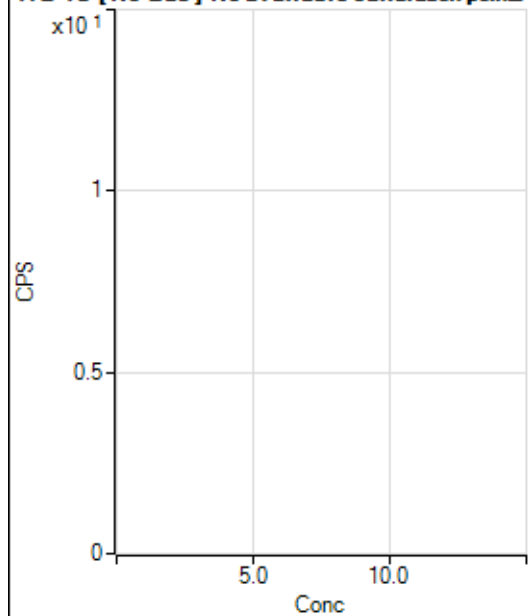
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	19.2
2	☐			57.78		P	16.6
3	☐			64.44		P	28.5
4	☐			57.78		P	23.3
5	☐			81.11		P	2.4
6	☐			98.89		P	25.7
7	☐			157.78		P	15.9
8	☐			381.12		P	4.8

164 Er [No Gas] No available calibration points

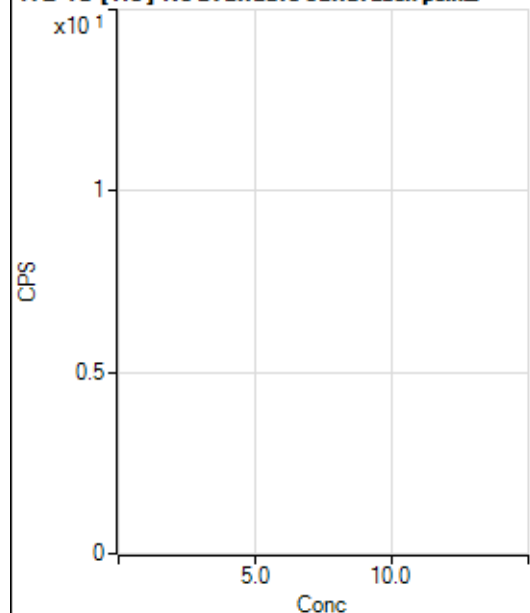
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	74.2
2	☐			47.22		P	10.2
3	☐			36.11		P	13.3
4	☐			16.67		P	50.0
5	☐			55.56		P	17.3
6	☐			58.34		P	37.8
7	☐			66.67		P	0.0
8	☐			105.56		P	4.6

164 Er [He] No available calibration points

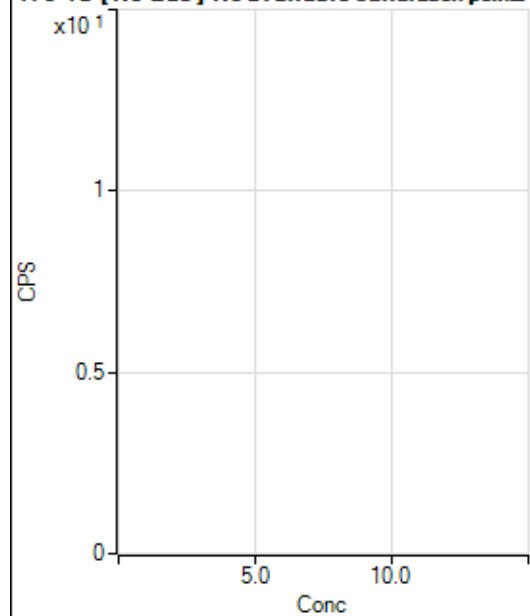
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			14.45		P	48.0
3	☐			11.11		P	45.8
4	☐			17.78		P	28.6
5	☐			18.89		P	27.0
6	☐			20.00		P	44.1
7	☐			22.22		P	34.7
8	☐			26.67		P	0.0

172 Yb [No Gas] No available calibration points

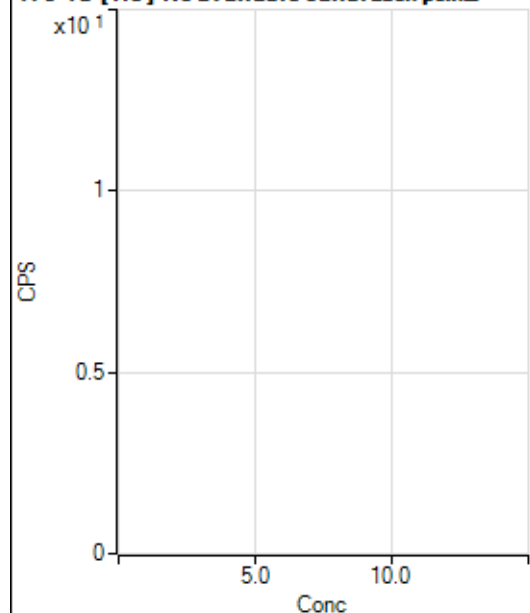
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	21.7
2	☐			33.33		P	25.0
3	☐			52.78		P	65.7
4	☐			30.56		P	87.7
5	☐			69.45		P	18.3
6	☐			63.89		P	45.8
7	☐			83.34		P	43.6
8	☐			325.01		P	14.3

172 Yb [He] No available calibration points

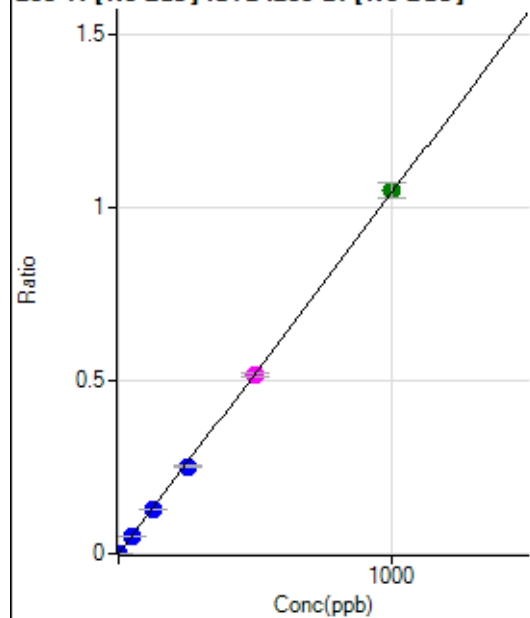
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	33.3
2	☐			29.63		P	28.6
3	☐			14.82		P	21.7
4	☐			16.67		P	57.7
5	☐			12.96		P	89.2
6	☐			24.07		P	87.4
7	☐			44.45		P	50.0
8	☐			155.56		P	7.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			766.71		P	7.1
2	☐			755.60		P	4.5
3	☐			1441.80		P	6.5
4	☐			2589.23		P	4.7
5	☐			4339.74		P	2.2
6	☐			8038.77		P	2.5
7	☐			15442.80		P	1.0
8	☐			908.39		P	20.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4793.54		P	6.4
2	☐			5001.04		P	4.1
3	☐			5164.06		P	2.5
4	☐			5636.49		P	3.4
5	☐			6527.66		P	4.9
6	☐			7606.00		P	1.6
7	☐			10406.13		P	1.8
8	☐			4947.33		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.8
2	☐	1.000	0.893	2989.32	0.0010	P	4.2
3	☐	50.000	47.955	155108.27	0.0501	P	1.0
4	☐	125.000	123.894	407077.81	0.1293	P	1.7
5	☐	250.000	242.185	800233.34	0.2527	P	0.7
6	☐	500.000	493.903	1593091.28	0.5153	M	2.1
7	☐	1000.000	1005.243	3288003.59	1.0488	A	4.3
8	☐			1902.97	0.0007	P	2.9

$$y = 0.0010 * x + 3.0299E-005$$

$$R = 0.9999$$

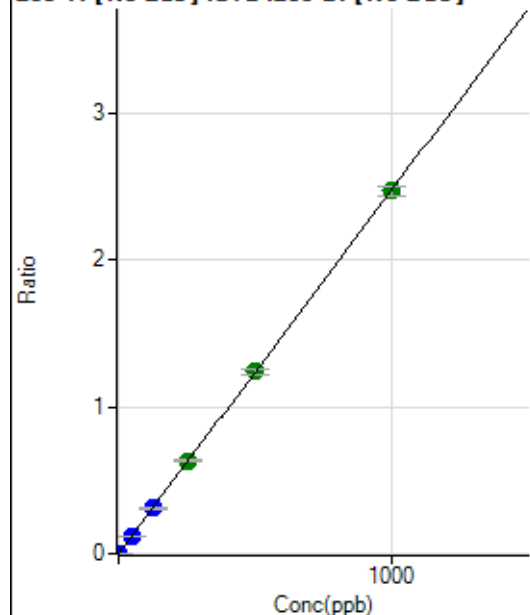
$$DL = 0.02769$$

$$BEC = 0.02904$$

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	183.34	0.0001	P	19.3
2	☐	1.000	0.934	7371.78	0.0024	P	2.9
3	☐	50.000	48.817	374656.88	0.1209	P	0.3
4	☐	125.000	124.864	973674.29	0.3092	P	1.8
5	☐	250.000	255.892	2006457.66	0.6336	A	1.0
6	☐	500.000	500.500	3830899.31	1.2392	A	2.7
7	☐	1000.000	998.353	7751961.28	2.4718	A	2.8
8	☐			4342.52	0.0015	P	8.6

$$y = 0.0025 * x + 6.0527E-005$$

$$R = 1.0000$$

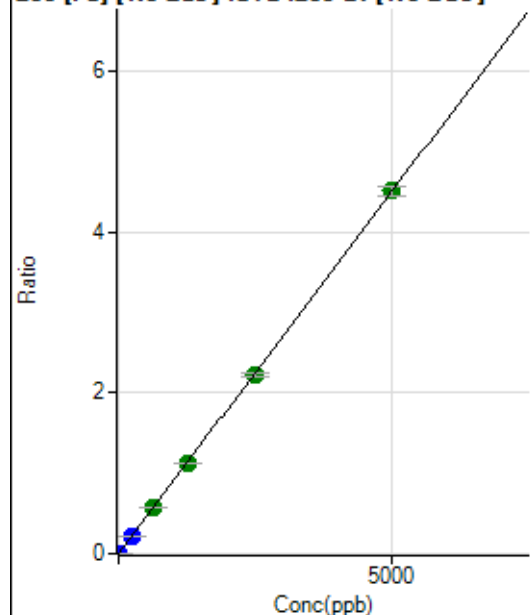
$$DL = 0.01413$$

$$BEC = 0.02445$$

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	461.13	0.0002	P	12.8
2	☐	1.000	0.788	2672.55	0.0009	P	4.4
3	☐	250.000	229.490	639182.91	0.2063	P	0.9
4	☐	625.000	633.740	1793132.35	0.5695	A	1.2
5	☐	1250.000	1258.903	3581778.44	1.1311	A	0.3
6	☐	2500.000	2462.999	6839036.03	2.2128	A	1.9
7	☐	5000.000	5016.208	14131558.30	4.5064	A	2.8
8	☐			4456.42	0.0016	P	7.5

$$y = 8.9834E-004 * x + 1.5237E-004$$

$$R = 0.9999$$

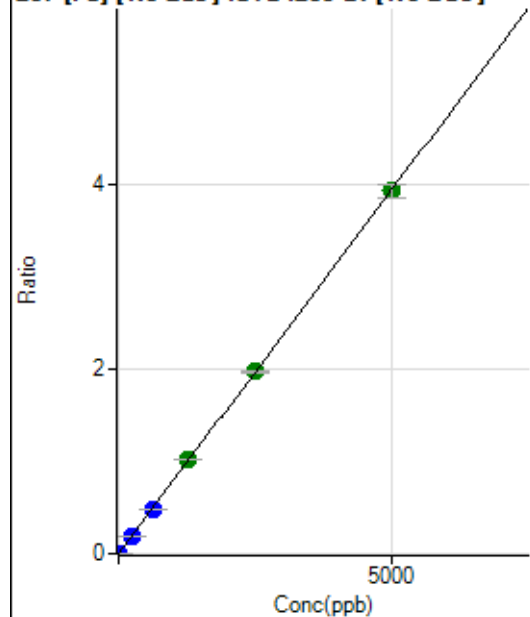
$$DL = 0.06507$$

$$BEC = 0.1696$$

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	322.23	0.0001	P	12.5
2	☐	1.000	0.831	2361.37	0.0008	P	10.8
3	☐	250.000	235.480	574116.68	0.1853	P	0.8
4	☐	625.000	611.369	1514395.55	0.4810	P	1.8
5	☐	1250.000	1295.262	3226321.74	1.0188	A	1.9
6	☐	2500.000	2503.442	6086454.48	1.9691	A	1.1
7	☐	5000.000	4989.393	12302351.20	3.9243	A	3.6
8	☐			3722.85	0.0013	P	7.2

$$y = 7.8651\text{E-}004 * x + 1.0649\text{E-}004$$

$$R = 0.9999$$

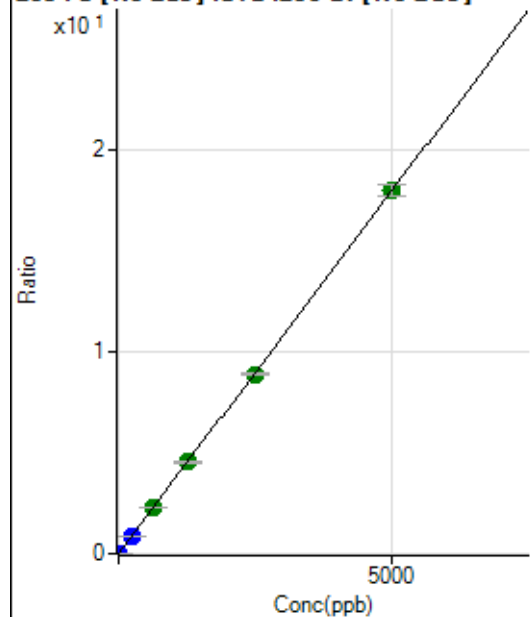
$$DL = 0.05074$$

$$BEC = 0.1354$$

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	1694.52	0.0006	P	5.4
2	☐	1.000	0.816	10826.07	0.0035	P	4.0
3	☐	250.000	233.874	2599653.60	0.8391	P	0.8
4	☐	625.000	630.110	7115254.28	2.2598	A	0.8
5	☐	1250.000	1262.593	14336994.21	4.5275	A	0.7
6	☐	2500.000	2480.599	27491318.15	8.8945	A	1.9
7	☐	5000.000	5006.720	56282192.58	17.9516	A	3.2
8	☐			17521.72	0.0062	P	5.3

$$y = 0.0036 * x + 5.5988\text{E-}004$$

$$R = 1.0000$$

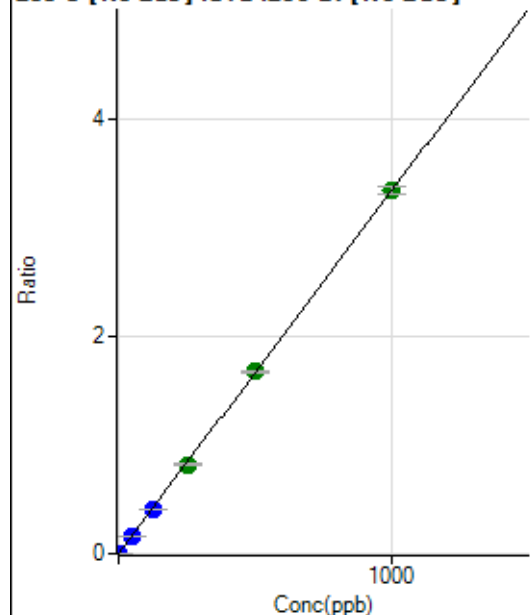
$$DL = 0.02522$$

$$BEC = 0.1562$$

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	22.22	0.0000	P	57.4
2	☐	1.000	0.898	9323.13	0.0030	P	1.6
3	☐	50.000	46.069	475880.85	0.1536	P	2.6
4	☐	125.000	121.031	1270397.57	0.4035	P	1.2
5	☐	250.000	245.960	2596796.80	0.8200	A	0.8
6	☐	500.000	502.717	5181207.19	1.6761	A	1.4
7	☐	1000.000	1000.344	10462285.13	3.3352	A	2.3
8	☐			1511.25	0.0005	P	11.4

$$y = 0.0033 * x + 7.3380E-006$$

$$R = 1.0000$$

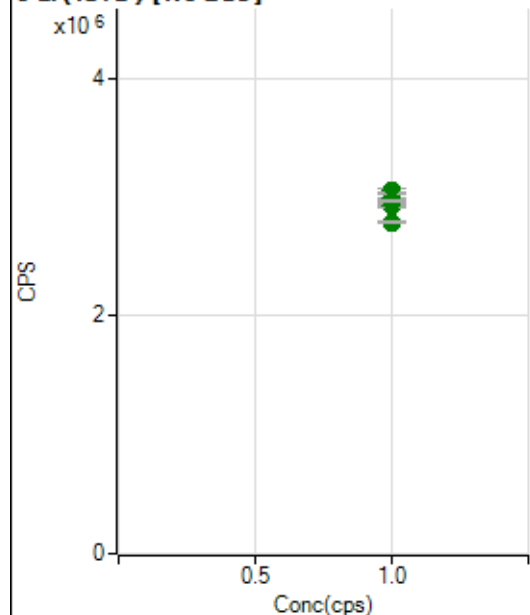
$$DL = 0.003789$$

$$BEC = 0.002201$$

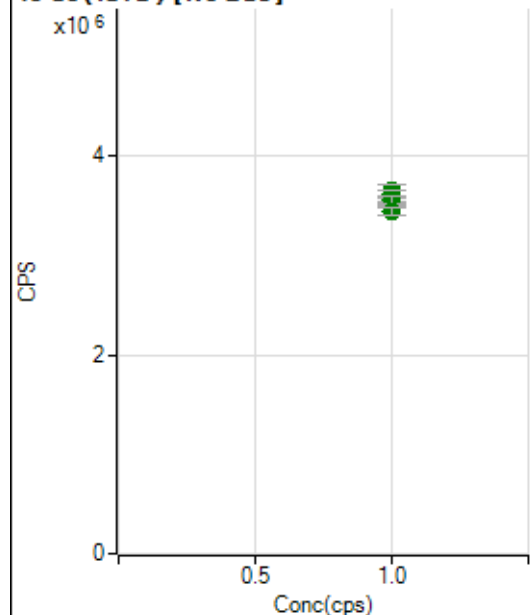
Weight: <None>

Min Conc: 0

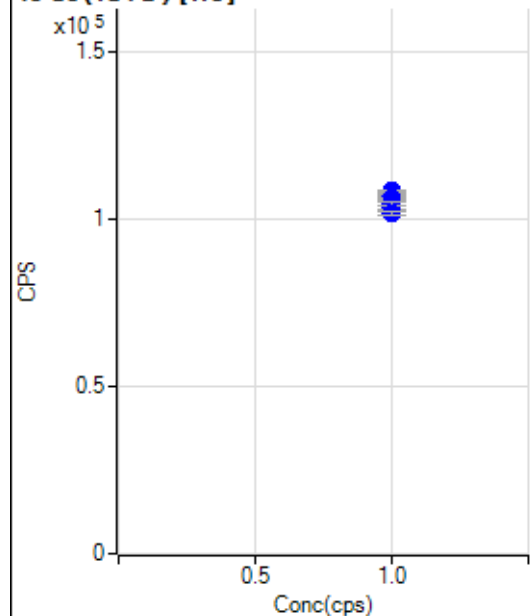
6 Li (ISTD) [No Gas]



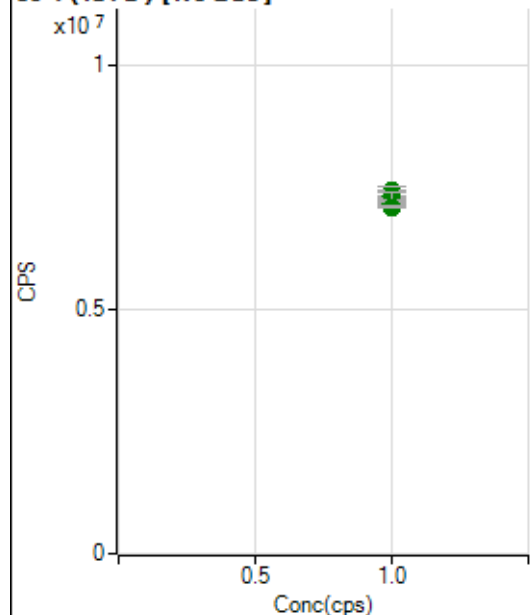
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2990596.81		A	0.4
2	☐	1.000		2990158.58		A	3.6
3	☐	1.000		3053639.18		A	1.2
4	☐	1.000		3034991.15		A	1.0
5	☐	1.000		2995542.23		A	1.8
6	☐	1.000		2932385.10		A	1.3
7	☐	1.000		2965994.67		A	0.4
8	☐	1.000		2789564.98		A	0.5

45 Sc (ISTD) [No Gas]

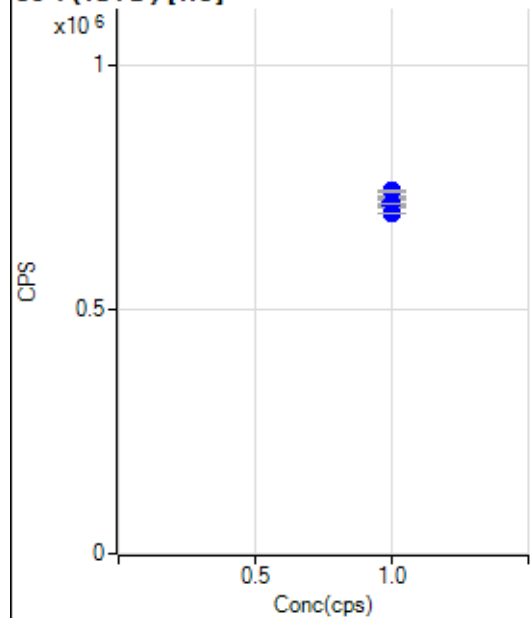
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3551825.05		A	1.3
2	☐	1.000		3567492.44		A	1.2
3	☐	1.000		3653787.27		A	3.3
4	☐	1.000		3566350.95		A	1.6
5	☐	1.000		3626952.93		A	1.6
6	☐	1.000		3507246.16		A	0.7
7	☐	1.000		3569134.57		A	2.0
8	☐	1.000		3450503.87		A	2.4

45 Sc (ISTD) [He]

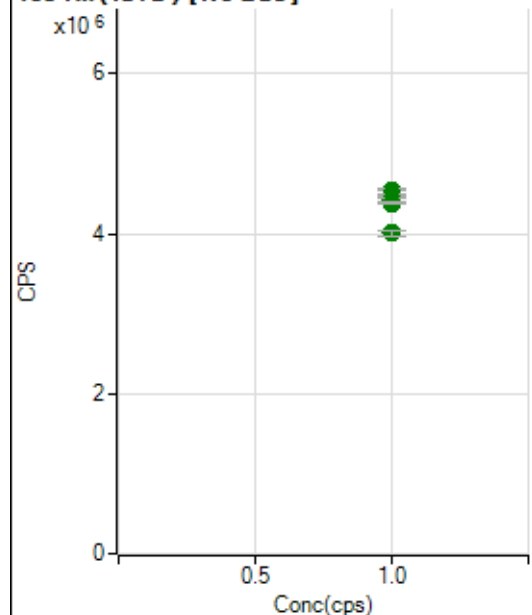
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		107312.18		P	0.8
2	☐	1.000		106613.95		P	0.9
3	☐	1.000		108318.04		P	0.7
4	☐	1.000		106071.80		P	0.5
5	☐	1.000		105273.74		P	0.8
6	☐	1.000		103311.66		P	1.0
7	☐	1.000		104421.86		P	0.8
8	☐	1.000		101454.52		P	1.3

89 Y (ISTD) [No Gas]

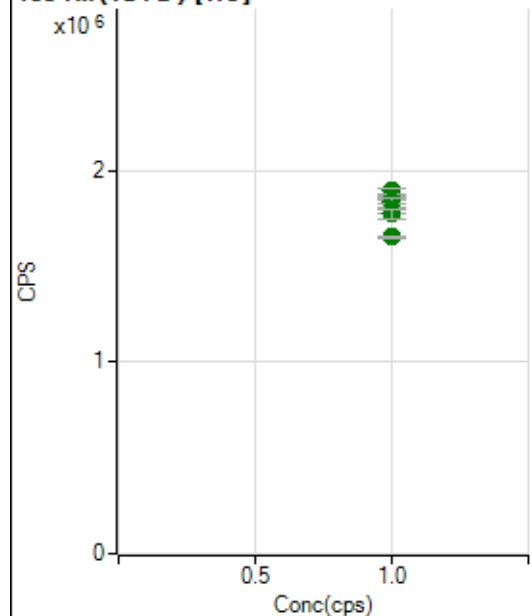
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7149315.03		A	0.8
2	☐	1.000		7149364.34		A	1.0
3	☐	1.000		7427297.11		A	2.5
4	☐	1.000		7271011.90		A	0.8
5	☐	1.000		7243748.29		A	0.7
6	☐	1.000		7316224.89		A	3.5
7	☐	1.000		7333505.24		A	2.0
8	☐	1.000		7097912.54		A	0.8

89 Y (ISTD) [He]

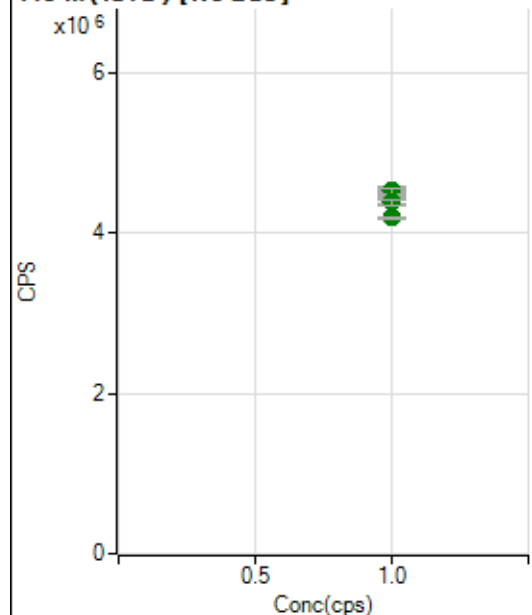
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		725389.49		P	0.7
2	☐	1.000		729758.80		P	0.7
3	☐	1.000		741944.07		P	0.5
4	☐	1.000		720265.39		P	1.0
5	☐	1.000		721341.31		P	1.2
6	☐	1.000		714220.41		P	1.0
7	☐	1.000		712874.61		P	1.2
8	☐	1.000		695781.32		P	0.5

103 Rh (ISTD) [No Gas]

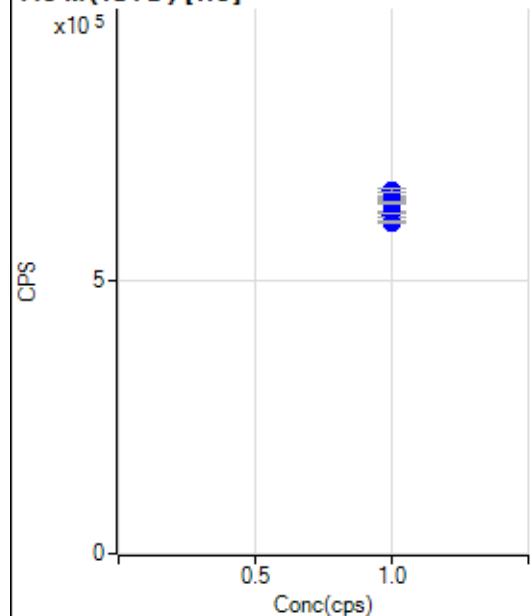
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4536247.19		A	1.4
2	☐	1.000		4433278.87		A	1.4
3	☐	1.000		4506865.16		A	1.2
4	☐	1.000		4410429.35		A	1.9
5	☐	1.000		4490884.73		A	0.7
6	☐	1.000		4422826.79		A	1.0
7	☐	1.000		4384681.57		A	0.6
8	☐	1.000		4009852.57		A	1.7

103 Rh (ISTD) [He]

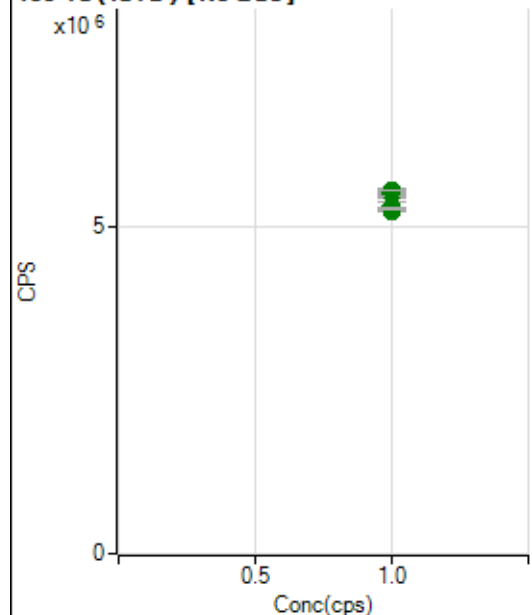
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1866336.45		A	1.0
2	☐	1.000		1856373.67		A	0.8
3	☐	1.000		1894859.87		A	1.6
4	☐	1.000		1853211.85		A	2.3
5	☐	1.000		1840995.60		A	1.5
6	☐	1.000		1796097.87		A	1.7
7	☐	1.000		1776236.64		A	2.9
8	☐	1.000		1652385.88		A	0.7

115 In (ISTD) [No Gas]

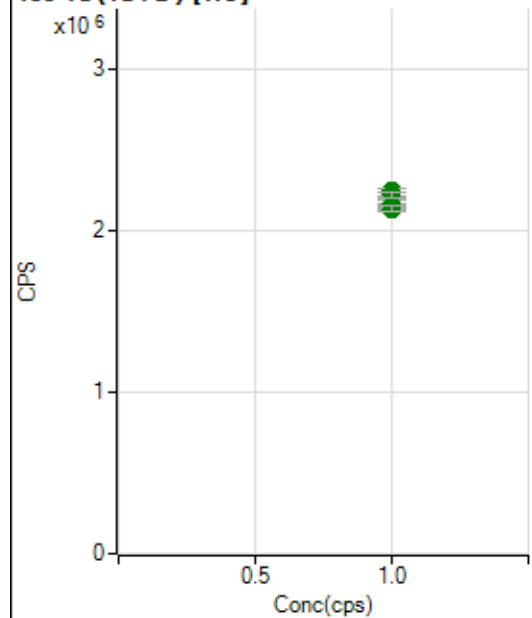
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4497949.93		A	1.9
2	☐	1.000		4499112.24		A	2.8
3	☐	1.000		4527471.17		A	2.0
4	☐	1.000		4486855.41		A	1.4
5	☐	1.000		4523714.45		A	1.4
6	☐	1.000		4398257.72		A	0.9
7	☐	1.000		4379697.83		A	1.8
8	☐	1.000		4196142.05		A	0.7

115 In (ISTD) [He]

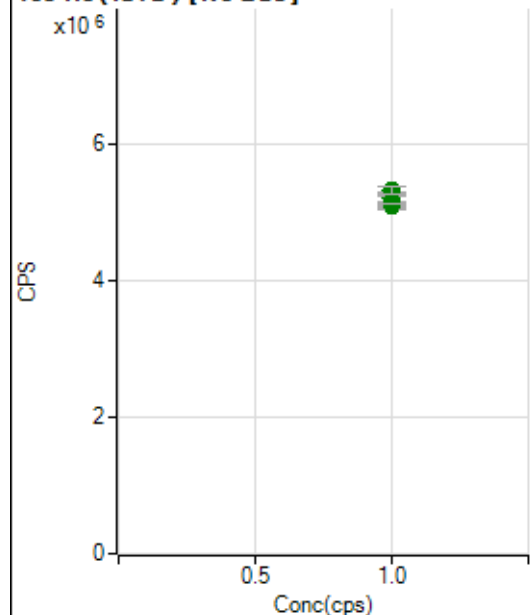
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		654560.54		P	0.4
2	☐	1.000		651335.62		P	0.4
3	☐	1.000		666462.69		P	0.9
4	☐	1.000		643206.87		P	0.5
5	☐	1.000		644714.04		P	0.3
6	☐	1.000		623680.22		P	2.0
7	☐	1.000		623054.72		P	1.2
8	☐	1.000		608341.95		P	0.4

159 Tb (ISTD) [No Gas]

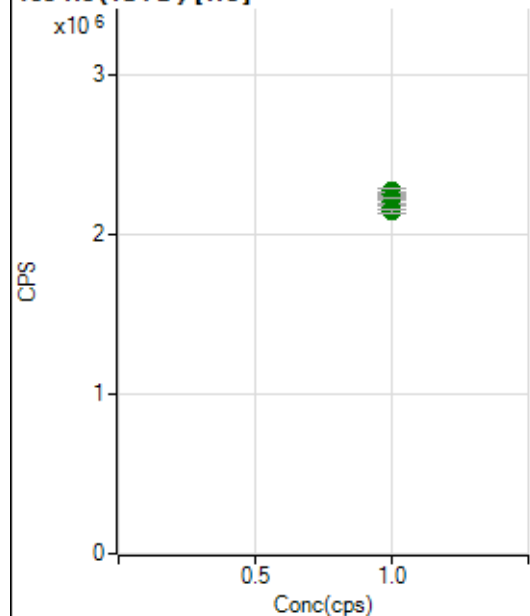
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5236728.88		A	0.3
2	☐	1.000		5317551.41		A	2.5
3	☐	1.000		5486062.42		A	1.5
4	☐	1.000		5541330.20		A	1.2
5	☐	1.000		5524835.68		A	1.0
6	☐	1.000		5509265.89		A	1.8
7	☐	1.000		5547289.71		A	0.1
8	☐	1.000		5287391.03		A	0.6

159 Tb (ISTD) [He]

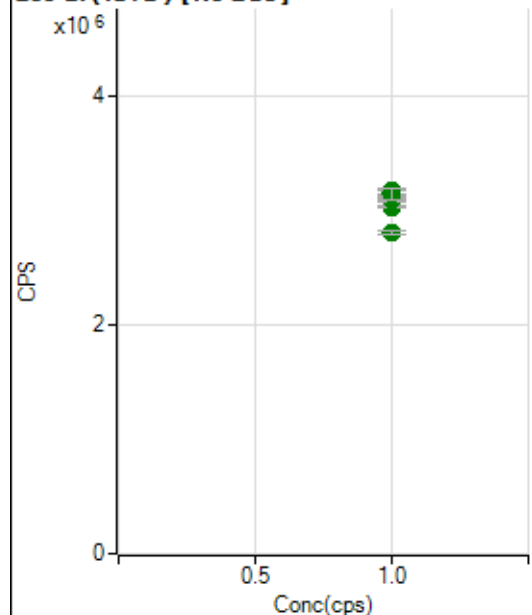
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2158811.81		A	0.2
2	☐	1.000		2148351.90		A	1.5
3	☐	1.000		2245388.28		A	1.0
4	☐	1.000		2184297.10		A	2.6
5	☐	1.000		2210762.33		A	0.8
6	☐	1.000		2167439.88		A	2.1
7	☐	1.000		2220567.55		A	1.8
8	☐	1.000		2134628.23		A	1.7

165 Ho (ISTD) [No Gas]

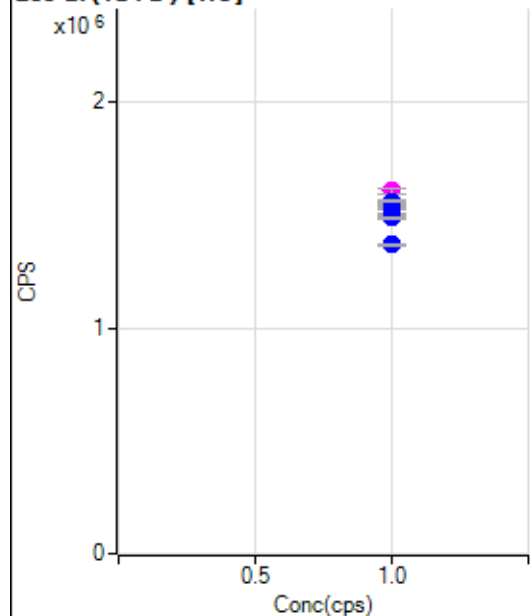
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5099780.15		A	1.2
2	☐	1.000		5090591.56		A	2.2
3	☐	1.000		5123125.55		A	0.9
4	☐	1.000		5219822.95		A	2.8
5	☐	1.000		5269944.30		A	1.5
6	☐	1.000		5272693.56		A	1.0
7	☐	1.000		5317671.99		A	2.1
8	☐	1.000		5134472.60		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2236147.75		A	1.2
2	☐	1.000		2171614.65		A	1.4
3	☐	1.000		2258321.89		A	2.9
4	☐	1.000		2207106.46		A	0.8
5	☐	1.000		2273559.46		A	0.9
6	☐	1.000		2230062.19		A	0.9
7	☐	1.000		2229811.79		A	0.3
8	☐	1.000		2145072.66		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3027127.91		A	0.5
2	☐	1.000		3106009.96		A	1.4
3	☐	1.000		3098322.39		A	1.5
4	☐	1.000		3148519.50		A	1.1
5	☐	1.000		3166702.45		A	0.2
6	☐	1.000		3091191.55		A	1.2
7	☐	1.000		3137313.95		A	3.2
8	☐	1.000		2803439.85		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1538986.04		P	1.9
2	☐	1.000		1543400.85		P	1.0
3	☐	1.000		1605980.88		M	1.7
4	☐	1.000		1546347.96		P	0.9
5	☐	1.000		1558818.40		P	0.6
6	☐	1.000		1504212.89		P	0.4
7	☐	1.000		1486394.35		P	0.9
8	☐	1.000		1366610.60		P	0.4