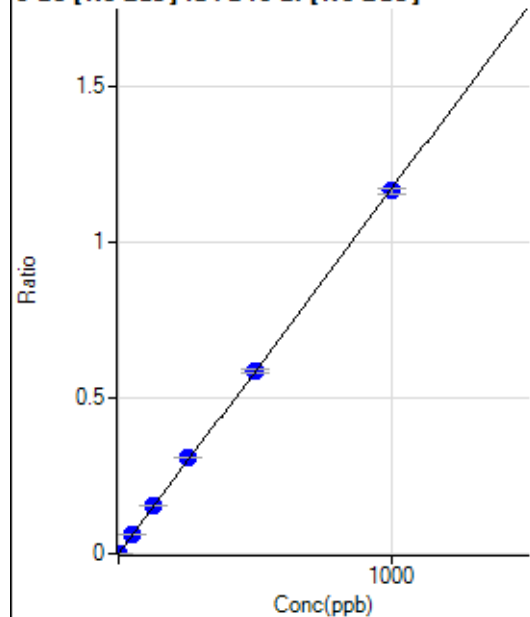


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7112525-MS1.b\
 Analysis File: P7112525-MS1.batch.bin
 DA Date-Time: 2025-11-25 17:04:16
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-11-25 12:04:42
2	005CALS.d	S02	2025-11-25 12:07:59
3	006CALS.d	S03	2025-11-25 12:11:16
4	007CALS.d	S04	2025-11-25 12:14:27
5	008CALS.d	S05	2025-11-25 12:17:29
6	009CALS.d	S06	2025-11-25 12:20:23
7	010CALS.d	S07	2025-11-25 12:23:13
8	011CALS.d	S08	2025-11-25 12:25:58

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.4
2	☐	1.000	1.081	934.48	0.0013	P	3.8
3	☐	50.000	53.314	46132.80	0.0624	P	0.9
4	☐	125.000	130.292	114720.10	0.1526	P	0.6
5	☐	250.000	263.859	222192.64	0.3090	P	1.6
6	☐	500.000	502.182	406567.25	0.5881	P	1.8
7	☐	1000.000	994.617	721758.64	1.1648	P	1.7
8	☐			281.12	0.0004	P	17.6

$$y = 0.0012 * x + 9.3647E-006$$

$$R = 0.9999$$

$$DL = 0.01208$$

$$BEC = 0.007996$$

Weight: <None>

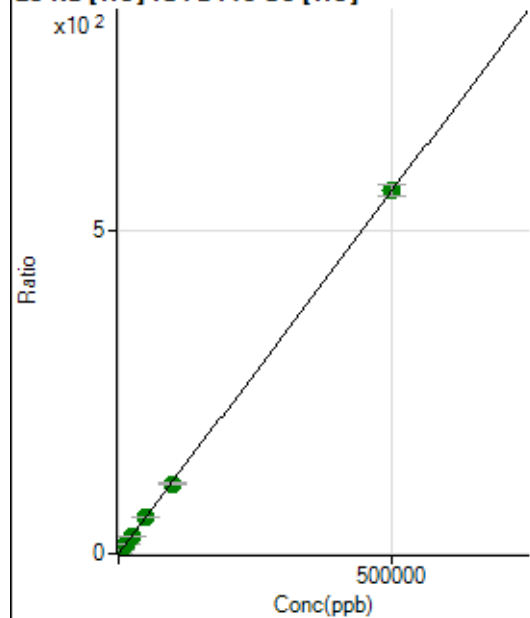
Min Conc: <None>

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11608.91	0.0382	P	1.5
2	☐	500.000	463.612	172863.58	0.5596	P	0.8
3	☐	5000.000	4846.893	1704735.76	5.4889	A	0.6
4	☐	12500.000	12092.448	4166772.37	13.6371	A	0.9
5	☐	25000.000	24514.634	8003850.23	27.6069	A	0.5
6	☐	50000.000	49535.045	14882276.45	55.7444	A	1.2
7	☐	100000.00	96737.339	26668524.60	108.8271	A	0.9
8	☐	500000.00	500735.05	167513089.7	563.1551	A	3.3

$$y = 0.0011 * x + 0.0382$$

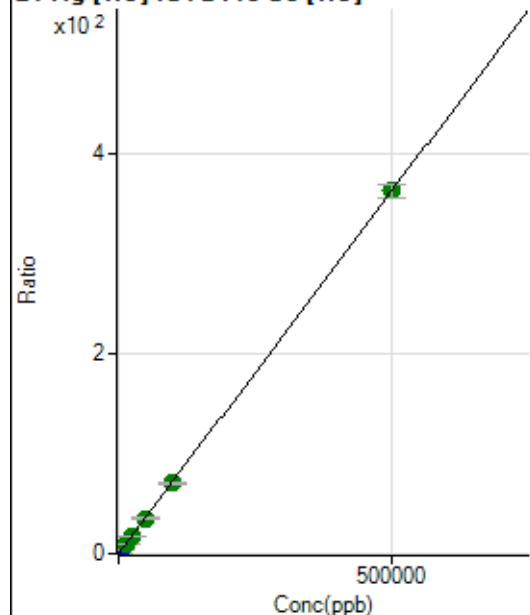
$$R = 1.0000$$

$$DL = 1.495$$

$$BEC = 33.98$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	184.45	0.0006	P	15.5
2	☐	500.000	469.289	105157.02	0.3404	P	0.4
3	☐	5000.000	4808.623	1081549.28	3.4824	P	1.0
4	☐	12500.000	12106.742	2678682.63	8.7669	A	1.1
5	☐	25000.000	24403.593	5123695.17	17.6708	A	3.5
6	☐	50000.000	49051.830	9482564.30	35.5181	A	1.4
7	☐	100000.00	97098.175	17229033.91	70.3076	A	1.0
8	☐	500000.00	500716.77	107840621.7	362.5603	A	3.5

$$y = 7.2408\text{E-}004 * x + 6.0724\text{E-}004$$

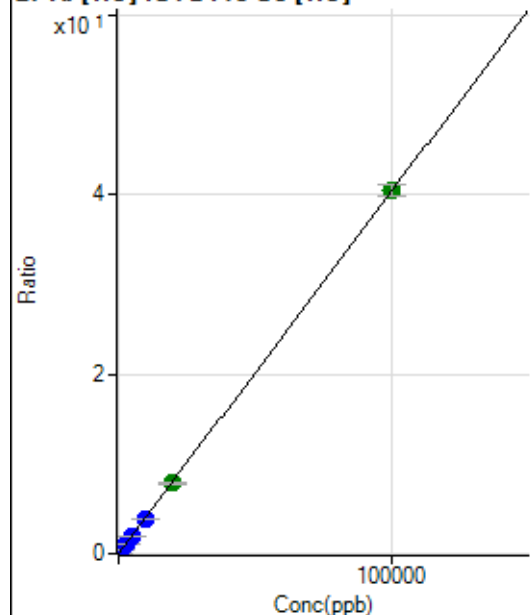
$$R = 1.0000$$

$$DL = 0.3911$$

$$BEC = 0.8386$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	235.56	0.0008	P	22.7
2	☐	20.000	21.093	2867.12	0.0093	P	7.6
3	☐	1000.000	967.515	121411.04	0.3909	P	0.5
4	☐	2500.000	2428.106	299409.21	0.9799	P	0.1
5	☐	5000.000	4801.877	561614.49	1.9371	P	0.6
6	☐	10000.000	9710.597	1045616.32	3.9166	P	0.7
7	☐	20000.000	19424.412	1919620.47	7.8336	A	1.2
8	☐	100000.00	100156.08	12014185.24	40.3885	A	3.1

$$y = 4.0325\text{E-}004 * x + 7.7577\text{E-}004$$

$$R = 1.0000$$

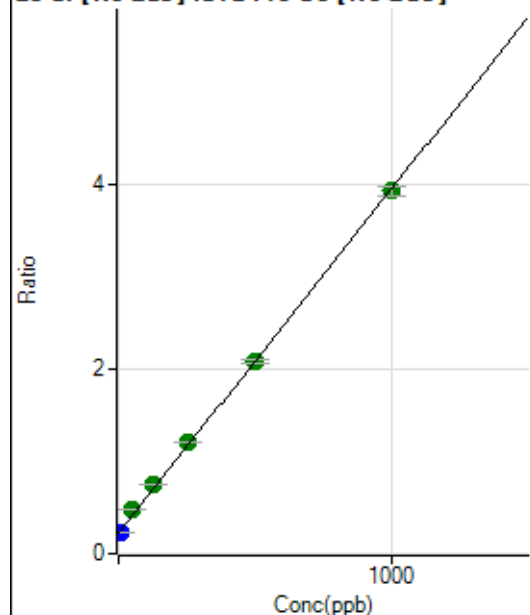
$$DL = 1.313$$

$$BEC = 1.924$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	762887.89	0.2237	P	0.7
2	☐	10.000	-0.140	768756.44	0.2231	P	2.4
3	☐	50.000	69.024	1657640.27	0.4811	A	1.6
4	☐	125.000	141.411	2563014.77	0.7511	A	1.0
5	☐	250.000	263.452	3936344.11	1.2062	A	0.7
6	☐	500.000	499.166	6343143.24	2.0853	A	2.0
7	☐	1000.000	994.153	10557348.45	3.9314	A	2.4
8	☐			789326.74	0.2410	P	2.3

$$y = 0.0037 * x + 0.2237$$

R = 0.9995

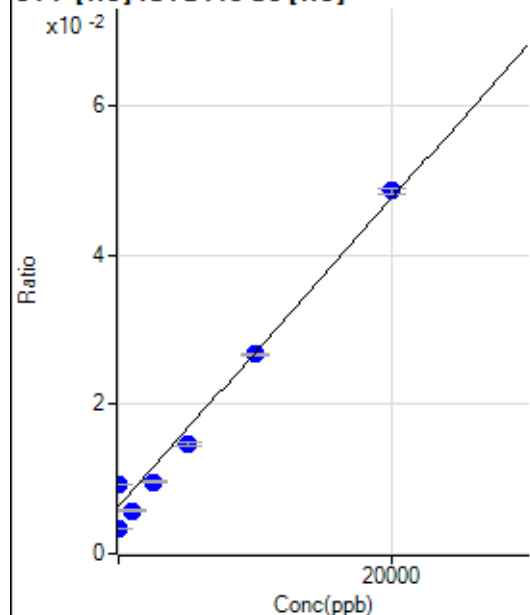
DL = 1.295

BEC = 59.97

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-1436.626	1022.26	0.0034	P	2.7
2	☐	0.000	1436.626	2872.52	0.0093	P	1.5
3	☐	1000.000	-297.405	1775.67	0.0057	P	5.8
4	☐	2500.000	1577.892	2930.31	0.0096	P	2.5
5	☐	5000.000	4054.463	4262.86	0.0147	P	4.0
6	☐	10000.000	9865.861	7129.49	0.0267	P	1.1
7	☐	20000.000	20483.588	11916.94	0.0486	P	1.5
8	☐			1006.71	0.0034	P	1.5

$$y = 2.0651E-006 * x + 0.0063$$

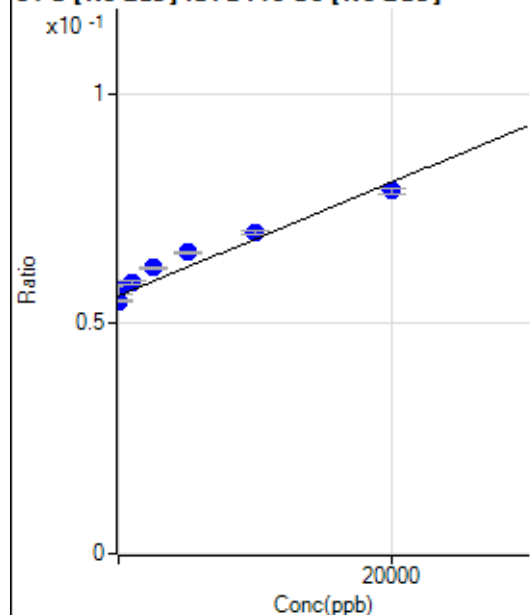
R = 0.9917

DL = 163.5

BEC = 3066

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-964.266	187116.15	0.0549	P	0.9
2	☐	0.000	964.266	197190.49	0.0572	P	2.4
3	☐	1000.000	2401.962	203339.06	0.0590	P	1.4
4	☐	2500.000	4924.547	211985.24	0.0621	P	0.8
5	☐	5000.000	7573.892	213376.37	0.0654	P	0.3
6	☐	10000.000	11058.154	211976.13	0.0697	P	0.8
7	☐	20000.000	18454.284	211622.81	0.0788	P	1.2
8	☐			180710.36	0.0552	P	1.2

$$y = 1.2331\text{E-}006 * x + 0.0560$$

R = 0.9784

DL = 2303

BEC = 4.545E+04

Weight: <None>

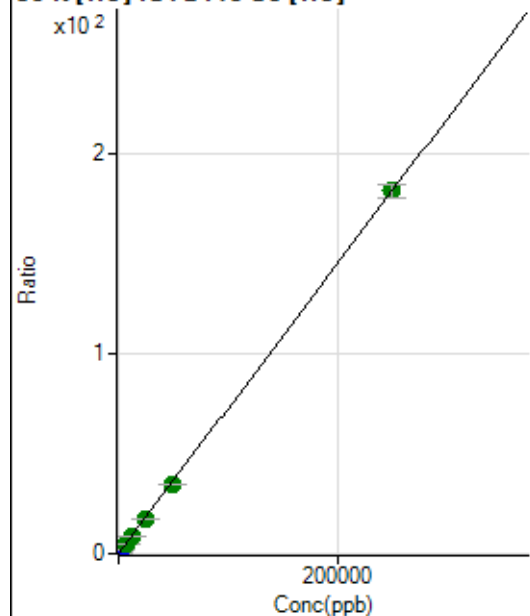
Min Conc: <None>

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40725.45	0.1341	P	2.2
2	☐	500.000	484.789	149724.08	0.4847	P	0.2
3	☐	2500.000	2511.742	605822.48	1.9507	P	0.9
4	☐	6250.000	6076.030	1383640.73	4.5285	A	2.3
5	☐	12500.000	11995.883	2553731.34	8.8100	A	2.4
6	☐	25000.000	24265.624	4721156.07	17.6840	A	0.1
7	☐	50000.000	47234.974	8404649.25	34.2964	A	0.8
8	☐	250000.00	250655.91	53962760.31	181.4193	A	3.4

$$y = 7.2324\text{E-}004 * x + 0.1341$$

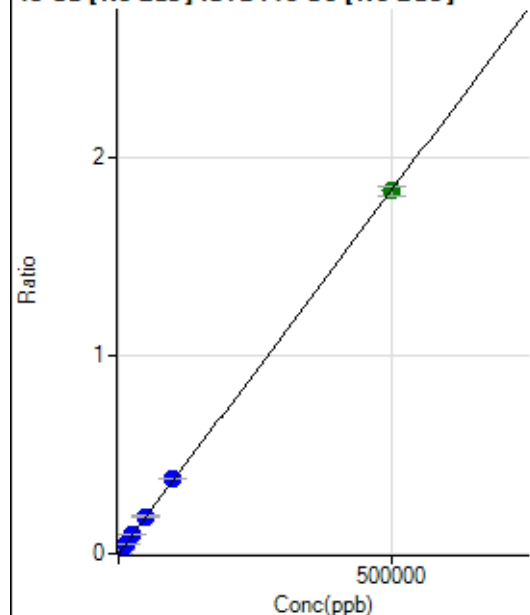
$$R = 0.9999$$

$$DL = 11.99$$

$$BEC = 185.4$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0001	P	10.7
2	☐	500.000	496.586	6479.22	0.0019	P	2.6
3	☐	5000.000	5190.756	65938.52	0.0191	P	1.5
4	☐	12500.000	12995.600	163206.12	0.0478	P	1.2
5	☐	25000.000	25798.532	309628.48	0.0949	P	1.8
6	☐	50000.000	51134.629	571875.54	0.1880	P	2.5
7	☐	100000.00	103011.29	1016979.63	0.3787	P	1.8
8	☐	500000.00	499230.05	6009830.74	1.8351	A	2.4

$$y = 3.6758\text{E-}006 * x + 5.5355\text{E-}005$$

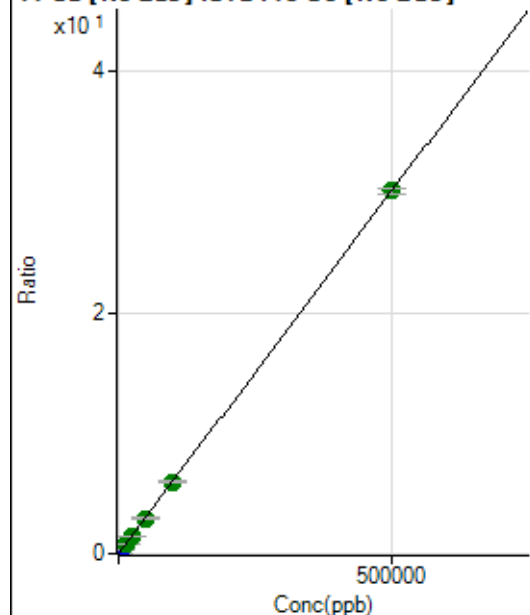
$$R = 1.0000$$

$$DL = 4.834$$

$$BEC = 15.06$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12246.50	0.0036	P	1.5
2	☐	500.000	495.934	115207.88	0.0334	P	2.6
3	☐	5000.000	5121.424	1074656.00	0.3119	P	0.9
4	☐	12500.000	12287.010	2536032.41	0.7432	A	1.5
5	☐	25000.000	24471.488	4818452.12	1.4766	A	0.7
6	☐	50000.000	48786.687	8943043.27	2.9401	A	1.9
7	☐	100000.00	98918.969	15998622.68	5.9577	A	1.6
8	☐	500000.00	500368.07	98641095.19	30.1216	A	1.5

$$y = 6.0192\text{E-}005 * x + 0.0036$$

$$R = 1.0000$$

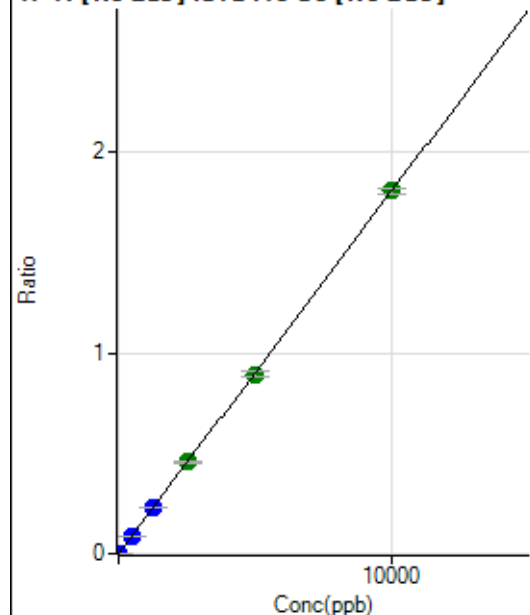
$$DL = 2.728$$

$$BEC = 59.65$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0000	P	8.2
2	☐	5.000	5.319	3358.19	0.0010	P	1.6
3	☐	500.000	503.015	313386.44	0.0909	P	0.3
4	☐	1250.000	1265.691	780840.87	0.2288	P	1.0
5	☐	2500.000	2534.584	1495138.73	0.4582	A	2.1
6	☐	5000.000	4957.973	2726140.39	0.8963	A	2.8
7	☐	10000.000	10010.255	4859543.61	1.8096	A	1.7
8	☐			1866.80	0.0006	P	1.9

$$y = 1.8077E-004 * x + 1.2708E-005$$

$$R = 1.0000$$

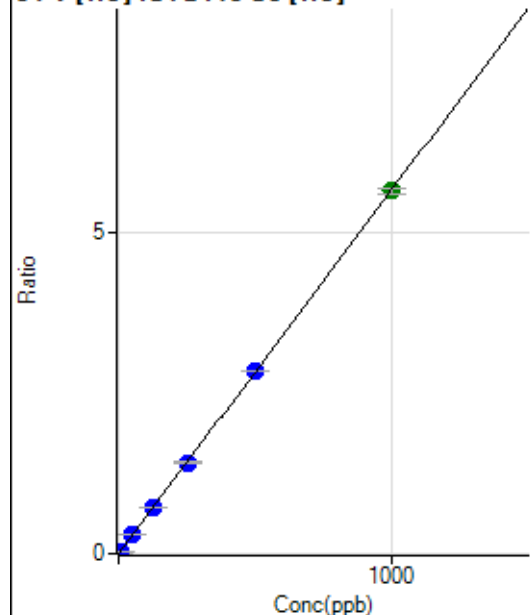
$$DL = 0.01729$$

$$BEC = 0.0703$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	78.2
2	☐	5.000	4.966	8718.16	0.0282	P	2.7
3	☐	50.000	50.395	88872.02	0.2862	P	0.2
4	☐	125.000	126.147	218852.79	0.7162	P	1.6
5	☐	250.000	250.139	411720.94	1.4202	P	1.8
6	☐	500.000	503.974	763925.87	2.8614	P	0.3
7	☐	1000.000	997.815	1388348.75	5.6653	A	1.6
8	☐			1680.11	0.0056	P	6.5

$$y = 0.0057 * x + 2.9264E-005$$

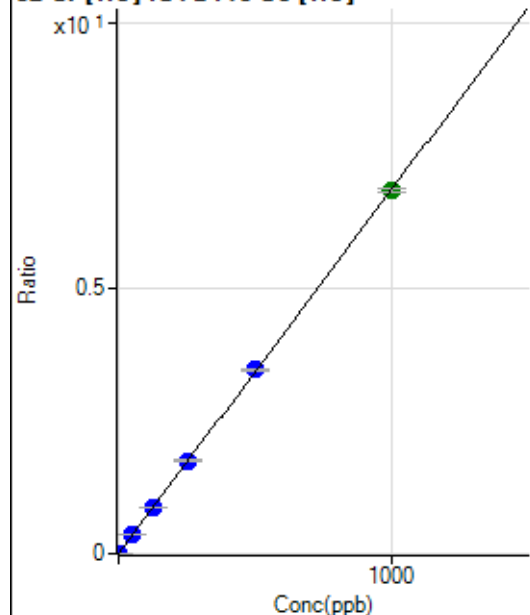
$$R = 1.0000$$

$$DL = 0.01209$$

$$BEC = 0.005154$$

Weight: <None>

Min Conc: <None>

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	642.24	0.0021	P	5.4
2	☐	2.000	1.877	4632.98	0.0150	P	5.3
3	☐	50.000	50.446	108186.00	0.3483	P	0.4
4	☐	125.000	125.916	264691.52	0.8663	P	2.0
5	☐	250.000	253.775	505500.74	1.7438	P	2.1
6	☐	500.000	504.629	925208.39	3.4655	P	0.9
7	☐	1000.000	996.605	1676807.81	6.8421	A	1.1
8	☐			37344.03	0.1255	P	2.7

$$y = 0.0069 * x + 0.0021$$

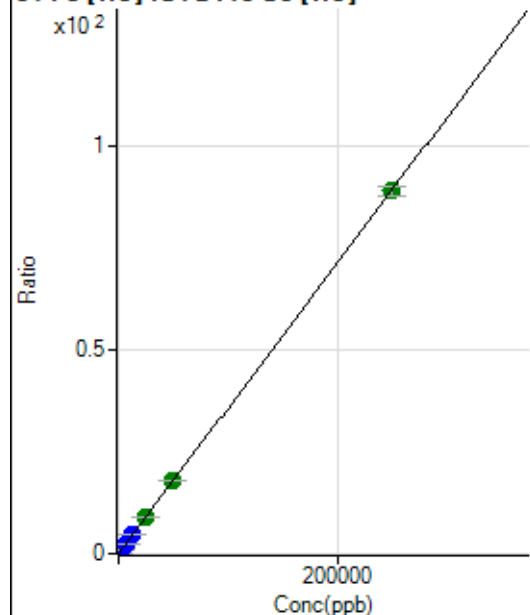
$$R = 1.0000$$

$$DL = 0.05025$$

$$BEC = 0.308$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1113.39	0.0037	P	3.0
2	☐	50.000	53.352	7013.93	0.0227	P	3.7
3	☐	2500.000	2617.469	291243.11	0.9377	P	0.7
4	☐	6250.000	6530.077	713160.05	2.3340	P	0.3
5	☐	12500.000	13036.669	1349892.83	4.6560	P	0.5
6	☐	25000.000	25334.853	2414729.03	9.0448	A	1.4
7	☐	50000.000	50178.267	4388920.04	17.9105	A	1.4
8	☐	250000.00	249895.85	26529615.44	89.1825	A	2.9

$$y = 3.5686E-004 * x + 0.0037$$

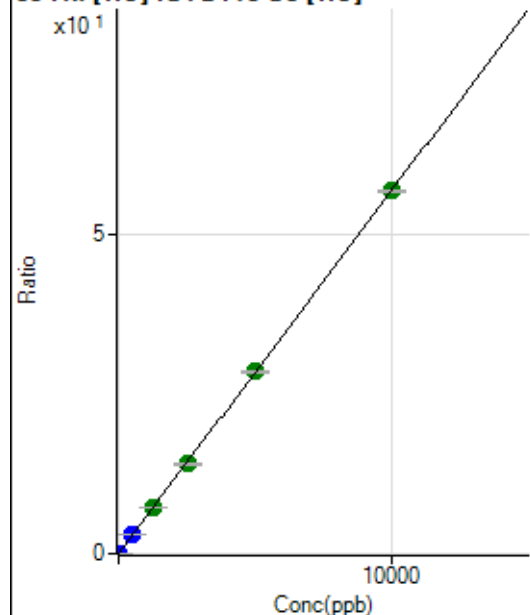
$$R = 1.0000$$

$$DL = 0.9163$$

$$BEC = 10.27$$

Weight: <None>

Min Conc: <None>

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	165.56	0.0005	P	13.2
2	☐	1.000	1.046	2002.37	0.0065	P	6.1
3	☐	500.000	504.844	889634.32	2.8645	P	0.1
4	☐	1250.000	1266.819	2196080.44	7.1871	A	2.6
5	☐	2500.000	2479.777	4078075.94	14.0681	A	1.7
6	☐	5000.000	5013.462	7593196.55	28.4414	A	1.1
7	☐	10000.000	9995.980	13896153.27	56.7067	A	0.9
8	☐			13946.56	0.0469	P	3.6

$$y = 0.0057 * x + 5.4481E-004$$

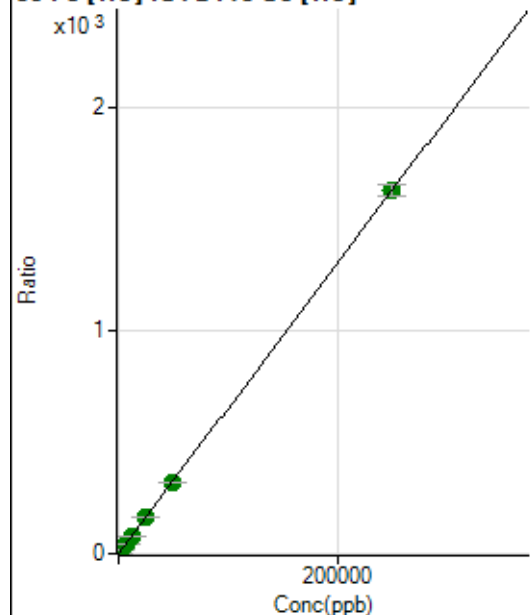
$$R = 1.0000$$

$$DL = 0.03797$$

$$BEC = 0.09604$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10560.45	0.0348	P	3.2
2	☐	50.000	49.610	110519.54	0.3578	P	1.3
3	☐	2500.000	2452.956	4970996.45	16.0060	A	1.6
4	☐	6250.000	6211.171	12367749.95	40.4759	A	2.0
5	☐	12500.000	12244.047	23119955.77	79.7562	A	1.7
6	☐	25000.000	24935.718	43353838.24	162.3920	A	0.8
7	☐	50000.000	49012.049	78211931.06	319.1538	A	1.6
8	☐	250000.00	250218.25	484658566.1	1,629.214	A	3.3

$$y = 0.0065 * x + 0.0348$$

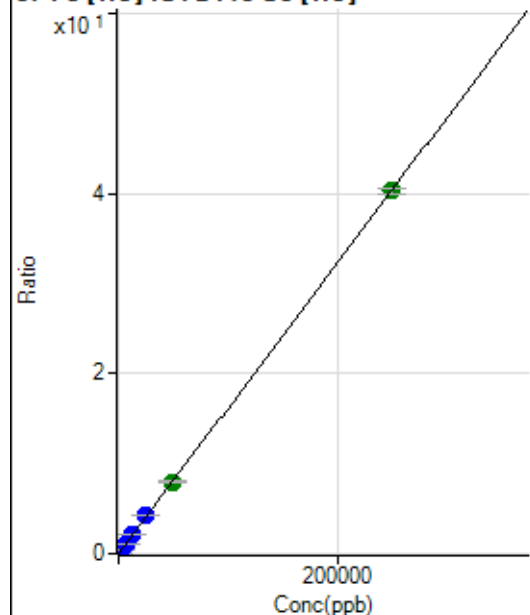
$$R = 1.0000$$

$$DL = 0.5173$$

$$BEC = 5.339$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	848.93	0.0028	P	10.4
2	☐	50.000	52.374	3474.88	0.0112	P	0.6
3	☐	2500.000	2603.847	131400.21	0.4231	P	0.8
4	☐	6250.000	6521.612	322493.67	1.0555	P	1.3
5	☐	12500.000	12928.092	605723.04	2.0895	P	2.5
6	☐	25000.000	25969.177	1119832.49	4.1945	P	0.5
7	☐	50000.000	49408.444	1954962.28	7.9779	A	1.3
8	☐	250000.00	249992.16	12007978.71	40.3545	A	1.3

$$y = 1.6141\text{E-}004 * x + 0.0028$$

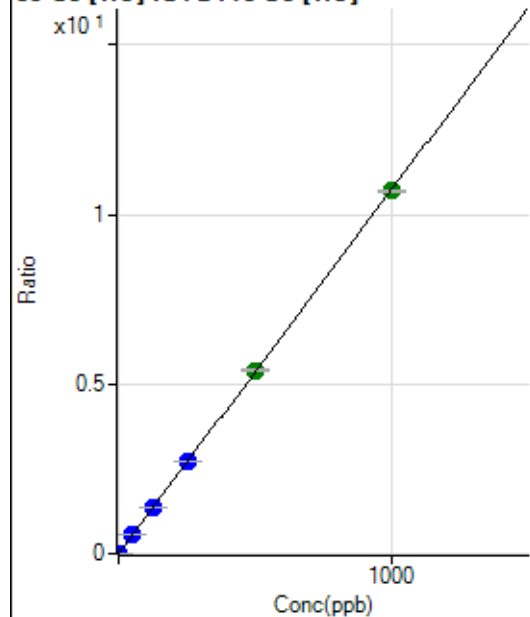
$$R = 1.0000$$

$$DL = 5.418$$

$$BEC = 17.32$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.55	0.0003	P	4.3
2	☐	1.000	1.069	3641.59	0.0118	P	2.1
3	☐	50.000	50.758	169206.72	0.5448	P	0.2
4	☐	125.000	126.374	414310.32	1.3560	P	1.2
5	☐	250.000	253.377	788047.88	2.7184	P	1.0
6	☐	500.000	504.048	1443615.38	5.4074	A	0.8
7	☐	1000.000	996.922	2620886.73	10.6946	A	0.4
8	☐			8386.86	0.0282	P	2.0

$$y = 0.0107 * x + 3.1454\text{E-}004$$

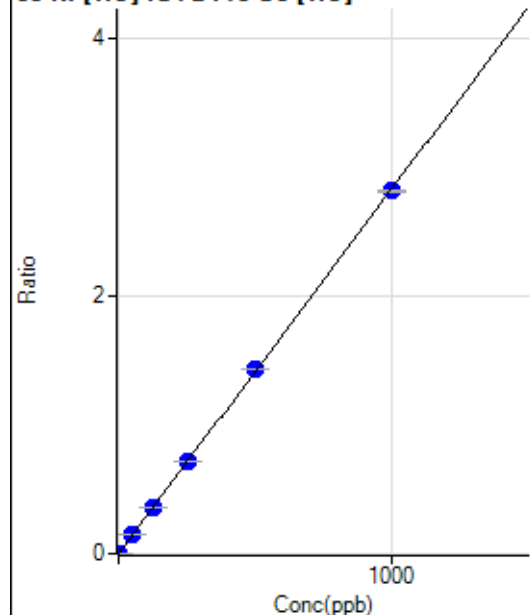
$$R = 1.0000$$

$$DL = 0.003806$$

$$BEC = 0.02932$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0004	P	15.5
2	☐	1.000	0.950	954.49	0.0031	P	4.1
3	☐	50.000	50.674	44673.09	0.1438	P	0.6
4	☐	125.000	127.241	110171.43	0.3606	P	0.6
5	☐	250.000	252.535	207354.74	0.7152	P	0.3
6	☐	500.000	506.666	382989.94	1.4346	P	0.7
7	☐	1000.000	995.719	690772.55	2.8188	P	0.7
8	☐			11180.94	0.0376	P	4.8

$$y = 0.0028 * x + 4.0232E-004$$

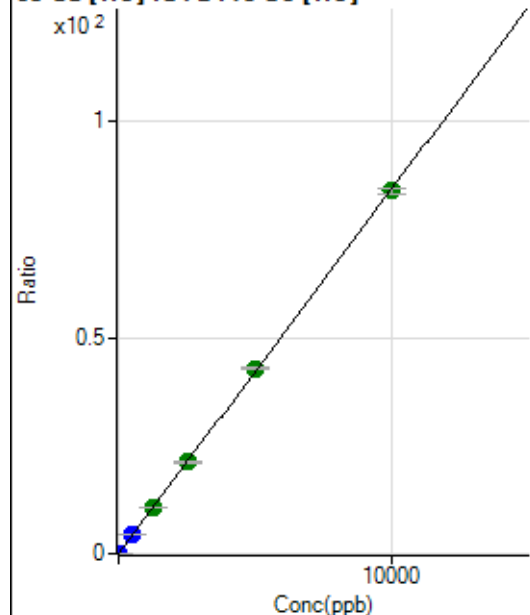
$$R = 1.0000$$

$$DL = 0.06628$$

$$BEC = 0.1421$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	584.46	0.0019	P	4.2
2	☐	2.000	1.902	5548.88	0.0180	P	2.3
3	☐	500.000	512.920	1343863.80	4.3270	P	0.6
4	☐	1250.000	1265.162	3260233.70	10.6701	A	2.0
5	☐	2500.000	2520.166	6160841.78	21.2526	A	2.7
6	☐	5000.000	5073.988	11422947.75	42.7871	A	1.2
7	☐	10000.000	9955.424	20571802.19	83.9487	A	1.3
8	☐			8721.50	0.0293	P	3.0

$$y = 0.0084 * x + 0.0019$$

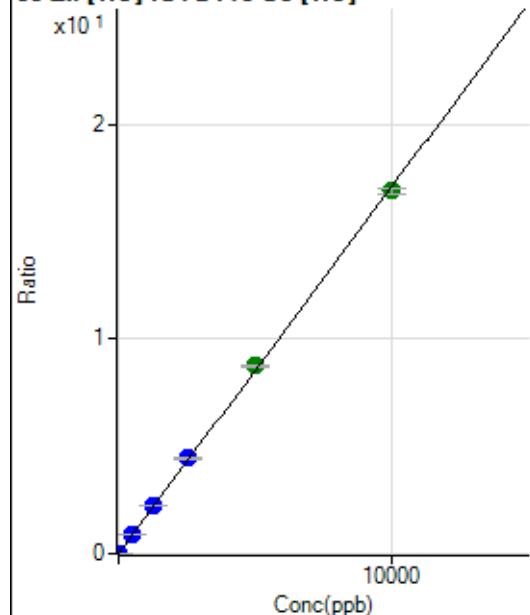
$$R = 1.0000$$

$$DL = 0.02878$$

$$BEC = 0.2281$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	544.46	0.0018	P	10.2
2	☐	5.000	5.180	3288.17	0.0106	P	1.3
3	☐	500.000	522.068	277623.28	0.8939	P	1.2
4	☐	1250.000	1312.226	685665.99	2.2441	P	1.6
5	☐	2500.000	2613.501	1295072.95	4.4677	P	2.1
6	☐	5000.000	5132.182	2341785.51	8.7715	A	0.9
7	☐	10000.000	9896.652	4144432.02	16.9129	A	1.8
8	☐			7093.98	0.0238	P	0.8

$$y = 0.0017 * x + 0.0018$$

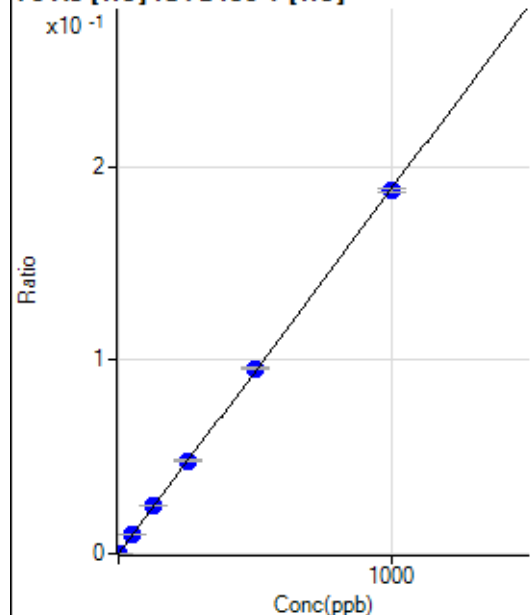
$$R = 0.9998$$

$$DL = 0.321$$

$$BEC = 1.049$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.47	0.0000	P	53.5
2	☐	1.000	1.349	479.51	0.0003	P	6.1
3	☐	50.000	51.998	18248.35	0.0098	P	2.3
4	☐	125.000	130.069	44647.45	0.0245	P	0.9
5	☐	250.000	254.345	84565.43	0.0479	P	2.3
6	☐	500.000	507.601	155205.21	0.0956	P	0.8
7	☐	1000.000	994.379	278983.44	0.1873	P	1.0
8	☐			741.09	0.0004	P	9.0

$$y = 1.8838E-004 * x + 4.0236E-006$$

$$R = 0.9999$$

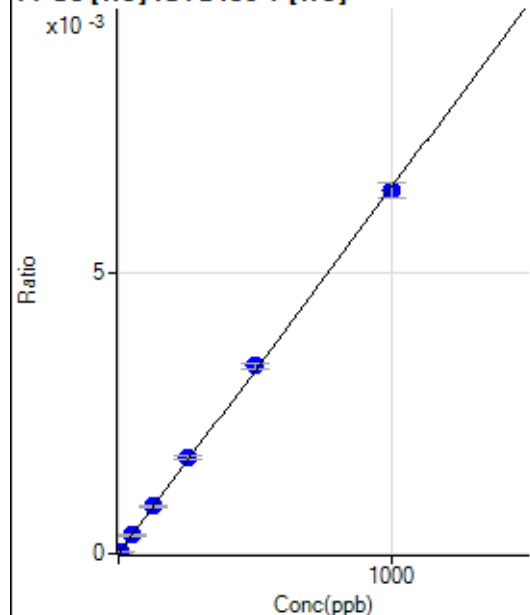
$$DL = 0.03428$$

$$BEC = 0.02136$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.0
2	☐	5.000	3.953	51.11	0.0000	P	27.0
3	☐	50.000	51.915	632.24	0.0003	P	10.6
4	☐	125.000	129.605	1540.09	0.0008	P	3.9
5	☐	250.000	262.087	3014.78	0.0017	P	2.8
6	☐	500.000	511.917	5412.15	0.0033	P	2.2
7	☐	1000.000	990.354	9602.09	0.0064	P	4.4
8	☐			14.45	0.0000	P	29.1

$$y = 6.5098\text{E-}006 * x + 1.7893\text{E-}006$$

$$R = 0.9998$$

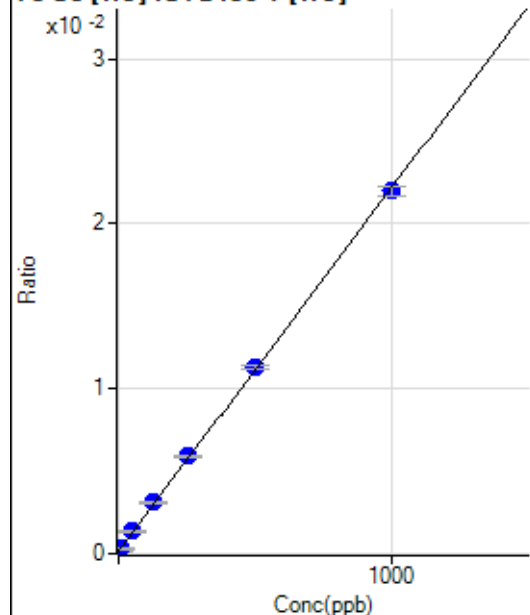
$$DL = 0.007891$$

$$BEC = 0.2749$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0002	P	8.8
2	☐	5.000	6.491	548.91	0.0003	P	3.0
3	☐	50.000	54.067	2500.24	0.0013	P	5.3
4	☐	125.000	133.816	5645.58	0.0031	P	1.1
5	☐	250.000	261.201	10421.54	0.0059	P	2.9
6	☐	500.000	507.767	18388.23	0.0113	P	1.9
7	☐	1000.000	992.004	32744.09	0.0220	P	3.0
8	☐			361.12	0.0002	P	8.0

$$y = 2.2012\text{E-}005 * x + 1.5284\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.84$$

$$BEC = 6.943$$

Weight: <None>

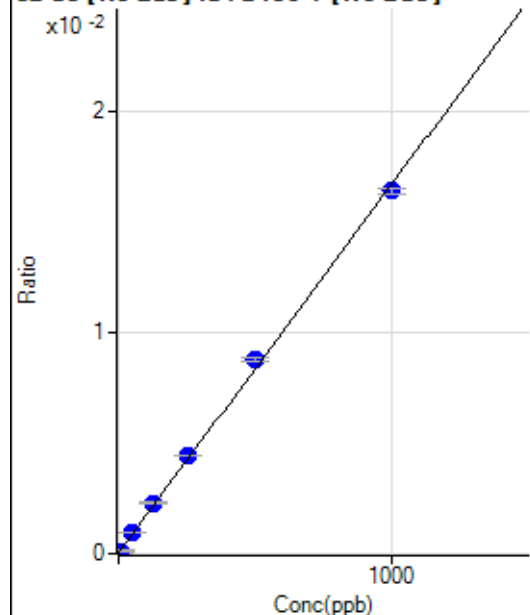
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8299.09		P	3.0
2	☐			8430.26		P	2.4
3	☐			8418.04		P	0.4
4	☐			8369.12		P	1.6
5	☐			8052.29		P	1.4
6	☐			7771.02		P	3.3
7	☐			7224.06		P	2.3
8	☐			7945.54		P	5.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	25.3
2	☐			75.56		P	2.6
3	☐			97.78		P	15.4
4	☐			77.78		P	25.1
5	☐			94.44		P	15.9
6	☐			85.56		P	36.2
7	☐			85.55		P	34.0
8	☐			95.55		P	14.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	293.67	0.0000	P	15.8
2	☐	5.000	5.190	894.57	0.0001	P	2.8
3	☐	50.000	54.196	6504.59	0.0009	P	2.5
4	☐	125.000	133.488	15427.98	0.0023	P	3.8
5	☐	250.000	265.228	29389.85	0.0045	P	0.7
6	☐	500.000	523.870	53406.42	0.0088	P	2.1
7	☐	1000.000	982.986	91621.55	0.0164	P	1.5
8	☐			470.02	0.0001	P	12.0

$$y = 1.6628E-005 * x + 4.2777E-005$$

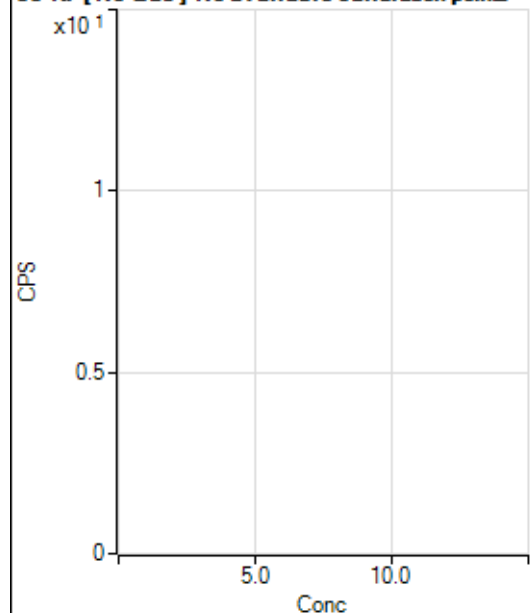
$$R = 0.9994$$

$$DL = 1.217$$

$$BEC = 2.573$$

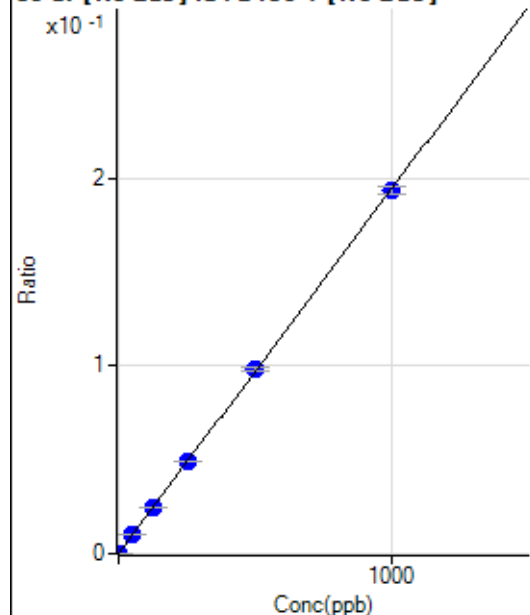
Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			391.12		P	1.3
2	☐			365.57		P	5.0
3	☐			334.45		P	9.3
4	☐			408.90		P	5.4
5	☐			362.23		P	13.8
6	☐			346.67		P	10.2
7	☐			361.12		P	5.1
8	☐			352.23		P	14.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	593.35	0.0001	P	3.3
2	☐	1.000	0.952	1880.14	0.0003	P	1.1
3	☐	50.000	50.988	68854.84	0.0100	P	2.2
4	☐	125.000	127.025	168940.94	0.0248	P	1.9
5	☐	250.000	253.628	325781.41	0.0494	P	1.4
6	☐	500.000	507.306	601840.24	0.0986	P	2.4
7	☐	1000.000	995.137	1081334.82	0.1934	P	2.3
8	☐			19003.54	0.0028	P	1.5

$$y = 1.9428\text{E-}004 * x + 8.6343\text{E-}005$$

$$R = 1.0000$$

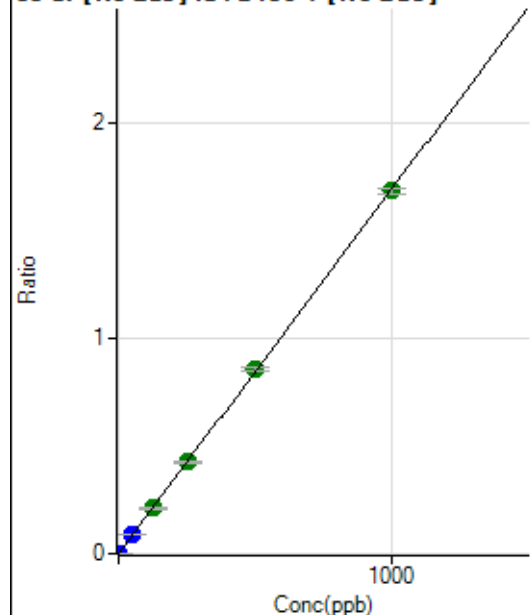
$$DL = 0.04454$$

$$BEC = 0.4444$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0000	P	7.8
2	☐	1.000	1.003	11842.65	0.0017	P	1.9
3	☐	50.000	50.994	594393.20	0.0863	P	1.8
4	☐	125.000	125.607	1448957.22	0.2124	A	2.8
5	☐	250.000	251.217	2804271.14	0.4249	A	1.3
6	☐	500.000	507.140	5232877.25	0.8577	A	2.9
7	☐	1000.000	996.000	9417881.94	1.6845	A	1.8
8	☐			162623.37	0.0244	P	0.6

$$y = 0.0017 * x + 1.3254\text{E-}005$$

$$R = 1.0000$$

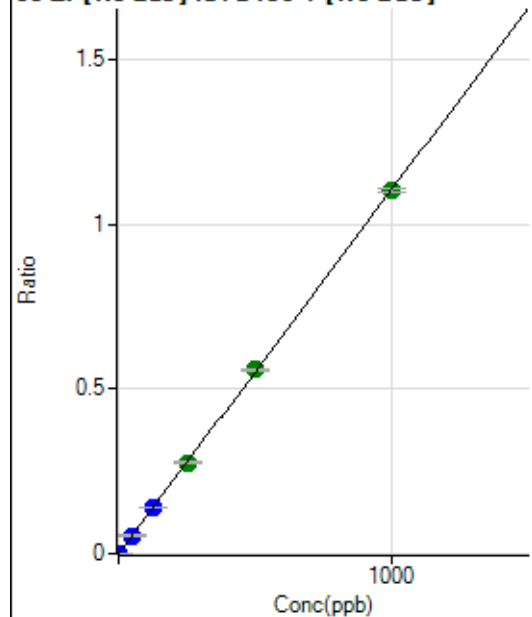
$$DL = 0.001825$$

$$BEC = 0.007837$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	297.78	0.0000	P	13.0
2	☐	1.000	0.983	7823.34	0.0011	P	2.3
3	☐	50.000	49.880	379691.40	0.0551	P	2.0
4	☐	125.000	125.568	945793.55	0.1386	P	1.7
5	☐	250.000	249.735	1819593.17	0.2757	A	2.2
6	☐	500.000	505.430	3404175.23	0.5579	A	1.2
7	☐	1000.000	997.286	6154619.70	1.1008	A	1.1
8	☐			7555.35	0.0011	P	4.2

$$y = 0.0011 * x + 4.3369E-005$$

$$R = 1.0000$$

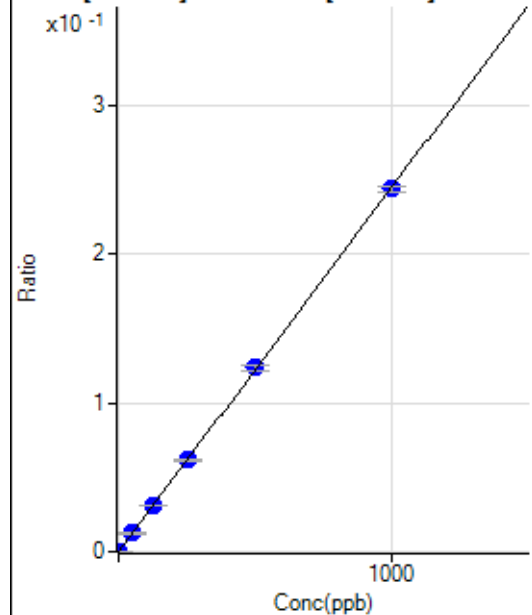
$$DL = 0.01532$$

$$BEC = 0.03929$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.55	0.0000	P	9.5
2	☐	1.000	1.001	1742.35	0.0003	P	6.5
3	☐	50.000	50.369	84908.43	0.0123	P	2.3
4	☐	125.000	126.901	211704.03	0.0310	P	2.0
5	☐	250.000	250.939	404995.69	0.0614	P	2.0
6	☐	500.000	505.656	754331.54	0.1236	P	3.0
7	☐	1000.000	996.681	1362496.70	0.2437	P	1.5
8	☐			1774.57	0.0003	P	1.9

$$y = 2.4451E-004 * x + 6.6328E-006$$

$$R = 1.0000$$

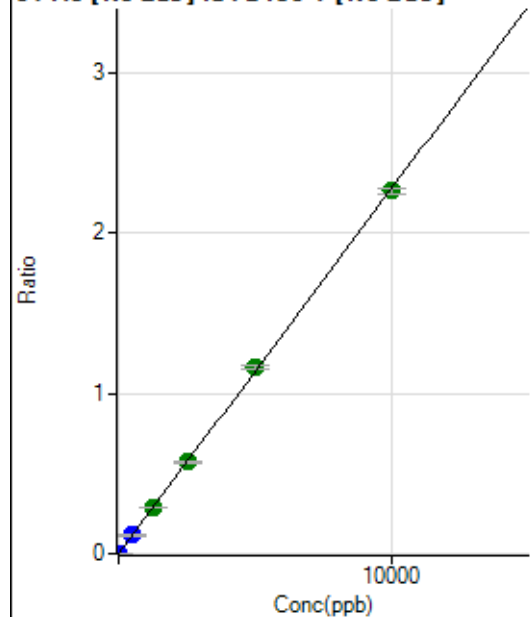
$$DL = 0.007711$$

$$BEC = 0.02713$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	7.9
2	☐	5.000	5.619	8978.38	0.0013	P	1.1
3	☐	500.000	504.933	791333.61	0.1148	P	1.9
4	☐	1250.000	1274.886	1977556.95	0.2899	A	2.2
5	☐	2500.000	2515.303	3775104.53	0.5720	A	2.0
6	☐	5000.000	5108.909	7087859.06	1.1618	A	3.0
7	☐	10000.000	9938.362	12634639.53	2.2600	A	1.9
8	☐			9947.90	0.0015	P	2.9

$$y = 2.2740\text{E-}004 * x + 1.7783\text{E-}005$$

$$R = 0.9999$$

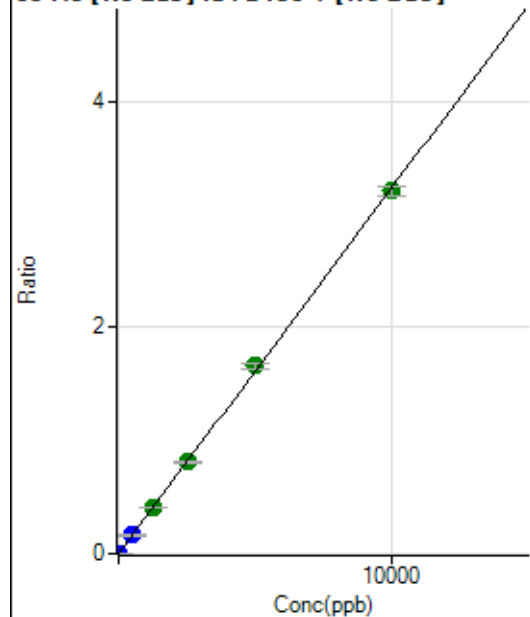
$$DL = 0.0186$$

$$BEC = 0.0782$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	3.6
2	☐	5.000	4.874	10999.79	0.0016	P	1.0
3	☐	500.000	505.133	1125902.77	0.1634	P	2.4
4	☐	1250.000	1274.591	2812491.21	0.4123	A	1.4
5	☐	2500.000	2510.976	5360371.21	0.8122	A	1.8
6	☐	5000.000	5131.707	10126359.08	1.6598	A	2.8
7	☐	10000.000	9928.072	17953021.12	3.2112	A	2.5
8	☐			12477.64	0.0019	P	4.0

$$y = 3.2344\text{E-}004 * x + 1.0669\text{E-}005$$

$$R = 0.9999$$

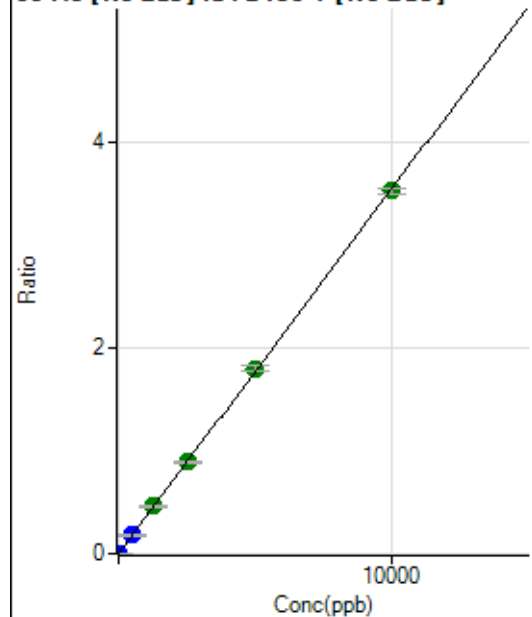
$$DL = 0.003568$$

$$BEC = 0.03298$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	140.00	0.0000	P	21.9
2	☐	5.000	4.974	12369.80	0.0018	P	1.7
3	☐	500.000	502.609	1228770.07	0.1783	P	2.1
4	☐	1250.000	1295.867	3135725.89	0.4597	A	2.4
5	☐	2500.000	2508.647	5873679.64	0.8899	A	0.5
6	☐	5000.000	5081.604	10998047.54	1.8027	A	2.6
7	☐	10000.000	9951.173	19736611.51	3.5301	A	1.7
8	☐			15967.69	0.0024	P	2.1

$$y = 3.5474\text{E-}004 * x + 2.0344\text{E-}005$$

$$R = 0.9999$$

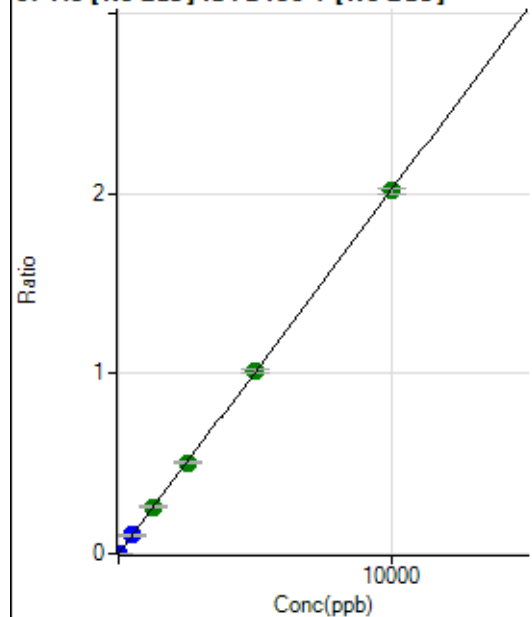
$$DL = 0.0377$$

$$BEC = 0.05735$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.56	0.0000	P	39.9
2	☐	5.000	5.002	7055.11	0.0010	P	2.9
3	☐	500.000	505.607	704452.33	0.1022	P	1.8
4	☐	1250.000	1286.177	1773685.91	0.2600	A	2.6
5	☐	2500.000	2501.766	3338304.71	0.5058	A	1.4
6	☐	5000.000	5035.504	6211586.30	1.0181	A	2.4
7	☐	10000.000	9977.004	11277439.83	2.0171	A	1.7
8	☐			7633.17	0.0011	P	3.1

$$y = 2.0218\text{E-}004 * x + 6.6265\text{E-}006$$

$$R = 1.0000$$

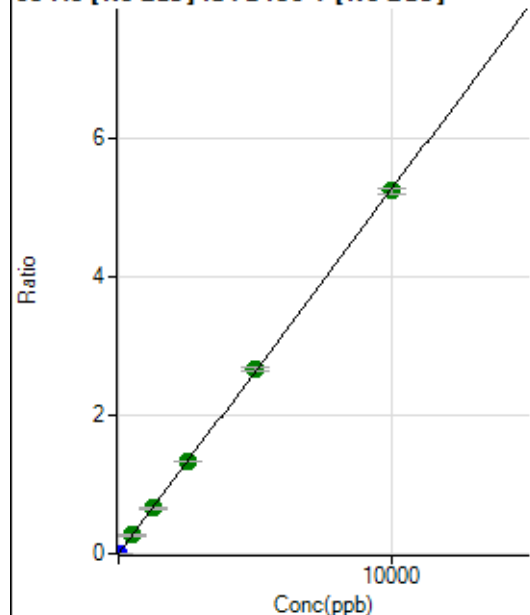
$$DL = 0.03926$$

$$BEC = 0.03278$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.89	0.0000	P	0.8
2	☐	5.000	4.931	18065.78	0.0026	P	4.5
3	☐	500.000	504.328	1826268.90	0.2650	A	2.0
4	☐	1250.000	1258.191	4508744.45	0.6612	A	3.8
5	☐	2500.000	2526.495	8762301.95	1.3276	A	1.6
6	☐	5000.000	5072.243	16261218.09	2.6653	A	2.4
7	☐	10000.000	9956.014	29248887.90	5.2316	A	1.7
8	☐			19701.18	0.0030	P	3.8

$$y = 5.2547\text{E-}004 * x + 1.5844\text{E-}005$$

$$R = 1.0000$$

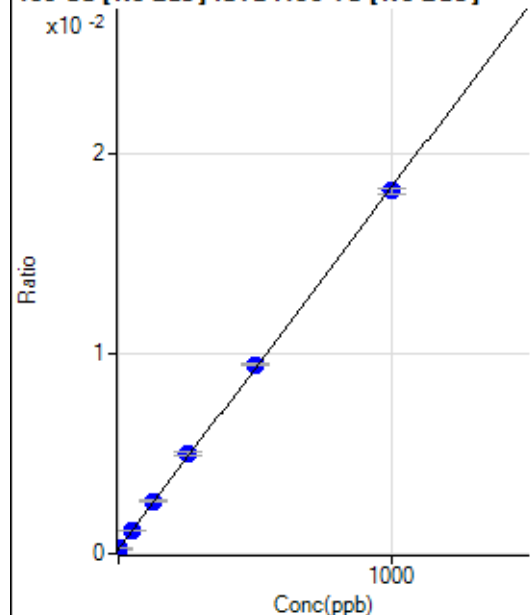
$$DL = 0.0007521$$

$$BEC = 0.03015$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1574.55	0.0002	P	1.0
2	☐	1.000	0.958	1731.23	0.0003	P	4.4
3	☐	50.000	52.425	8205.73	0.0012	P	1.1
4	☐	125.000	132.358	17964.58	0.0026	P	1.9
5	☐	250.000	265.053	33269.34	0.0050	P	3.4
6	☐	500.000	508.971	59037.40	0.0094	P	1.0
7	☐	1000.000	990.710	103989.73	0.0181	P	1.7
8	☐			1709.01	0.0002	P	5.3

$$y = 1.8035\text{E-}005 * x + 2.3714\text{E-}004$$

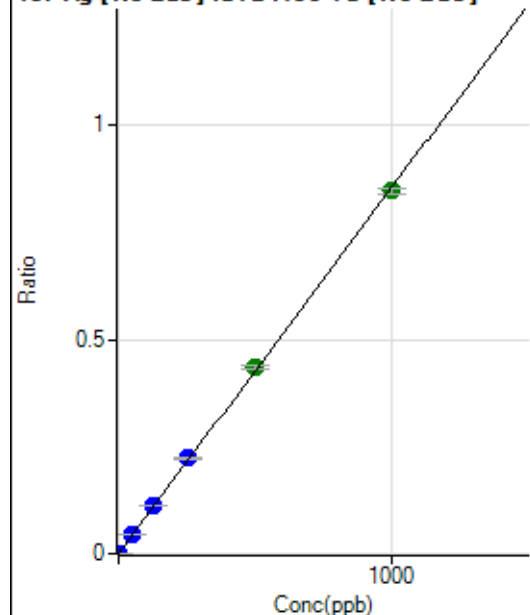
$$R = 0.9998$$

$$DL = 0.3823$$

$$BEC = 13.15$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	34.2
2	☐	1.000	1.083	6331.44	0.0009	P	2.5
3	☐	50.000	52.514	311068.06	0.0448	P	1.6
4	☐	125.000	131.674	769593.28	0.1124	P	0.7
5	☐	250.000	261.849	1482188.08	0.2235	P	2.6
6	☐	500.000	508.735	2722656.07	0.4342	A	1.8
7	☐	1000.000	991.710	4862167.01	0.8465	A	1.7
8	☐			11849.37	0.0017	P	1.1

$$y = 8.5357\text{E-}004 * x + 5.8481\text{E-}006$$

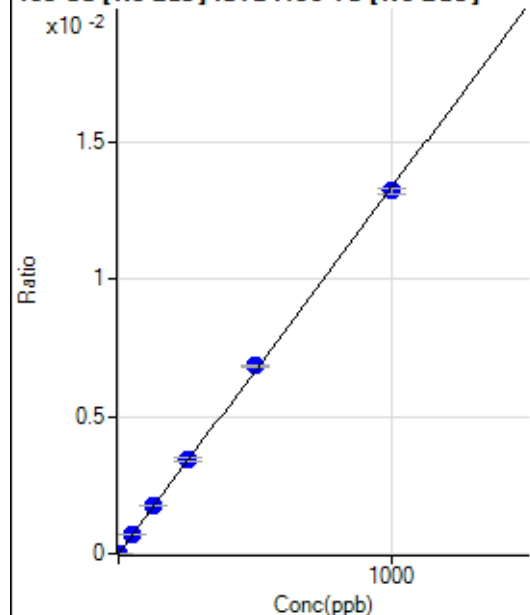
$$R = 0.9999$$

$$DL = 0.007024$$

$$BEC = 0.006851$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0000	P	83.2
2	☐	1.000	0.902	94.44	0.0000	P	18.6
3	☐	50.000	53.219	4933.10	0.0007	P	3.5
4	☐	125.000	131.013	11961.69	0.0017	P	2.2
5	☐	250.000	256.035	22628.86	0.0034	P	3.8
6	☐	500.000	512.299	42799.86	0.0068	P	1.0
7	☐	1000.000	991.430	75870.77	0.0132	P	1.7
8	☐			93.33	0.0000	P	17.8

$$y = 1.3321\text{E-}005 * x + 1.8417\text{E-}006$$

$$R = 0.9999$$

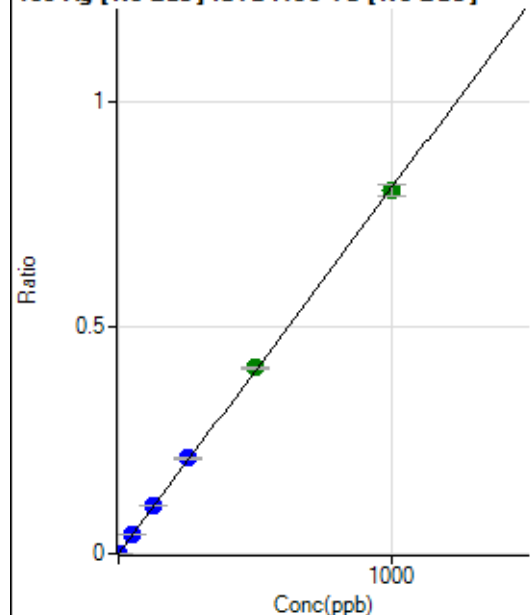
$$DL = 0.3449$$

$$BEC = 0.1382$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	32.0
2	☐	1.000	1.113	6150.25	0.0009	P	1.8
3	☐	50.000	52.527	294917.59	0.0425	P	1.1
4	☐	125.000	131.731	729753.53	0.1066	P	0.9
5	☐	250.000	262.240	1407003.87	0.2122	P	2.2
6	☐	500.000	507.551	2574535.00	0.4106	A	0.5
7	☐	1000.000	992.197	4610926.25	0.8028	A	3.1
8	☐			11387.90	0.0017	P	2.8

$$y = 8.0907\text{E-}004 * x + 3.3518\text{E-}006$$

$$R = 0.9999$$

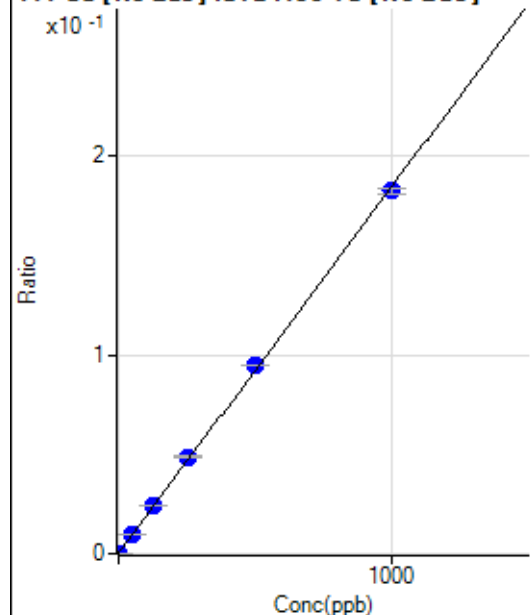
$$DL = 0.003972$$

$$BEC = 0.004143$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1116.96	0.0002	P	0.4
2	☐	1.000	0.977	2369.15	0.0003	P	1.6
3	☐	50.000	52.245	67912.18	0.0098	P	0.9
4	☐	125.000	131.559	166988.58	0.0244	P	0.9
5	☐	250.000	262.676	321840.98	0.0485	P	2.0
6	☐	500.000	512.525	592651.66	0.0945	P	0.2
7	☐	1000.000	989.637	1047555.07	0.1824	P	1.6
8	☐			2109.91	0.0003	P	1.8

$$y = 1.8412\text{E-}004 * x + 1.6822\text{E-}004$$

$$R = 0.9998$$

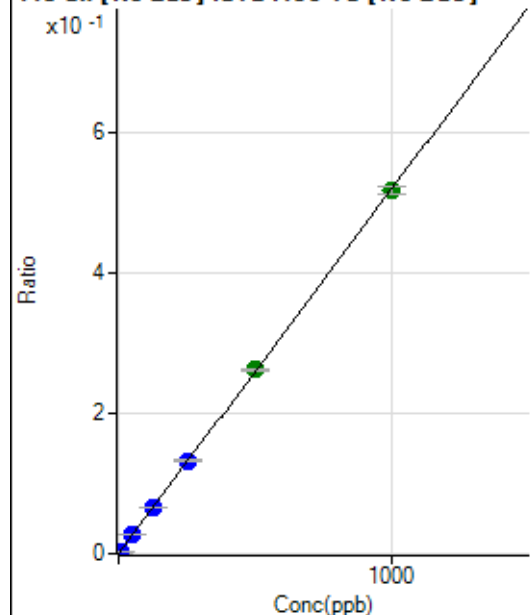
$$DL = 0.01058$$

$$BEC = 0.9136$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1677.90	0.0003	P	1.4
2	☐	5.000	5.038	19516.64	0.0029	P	0.5
3	☐	50.000	51.063	185715.79	0.0268	P	0.9
4	☐	125.000	127.542	455093.85	0.0665	P	0.8
5	☐	250.000	254.120	876599.60	0.1322	P	2.2
6	☐	500.000	506.046	1648777.09	0.2630	A	1.1
7	☐	1000.000	995.576	2970378.53	0.5171	A	2.0
8	☐			8045.66	0.0012	P	1.2

$$y = 5.1918\text{E-}004 * x + 2.5270\text{E-}004$$

$$R = 1.0000$$

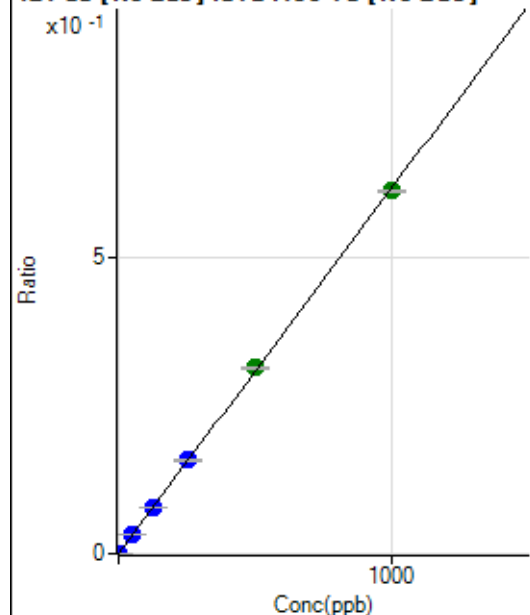
$$DL = 0.01997$$

$$BEC = 0.4867$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	14.9
2	☐	2.000	2.121	8916.17	0.0013	P	2.9
3	☐	50.000	51.032	217889.12	0.0314	P	0.8
4	☐	125.000	127.884	538677.71	0.0787	P	1.3
5	☐	250.000	256.984	1048497.96	0.1581	P	1.8
6	☐	500.000	509.547	1965401.69	0.3135	A	0.7
7	☐	1000.000	993.068	3509318.38	0.6109	A	0.3
8	☐			13326.25	0.0019	P	3.6

$$y = 6.1521\text{E-}004 * x + 5.1880\text{E-}006$$

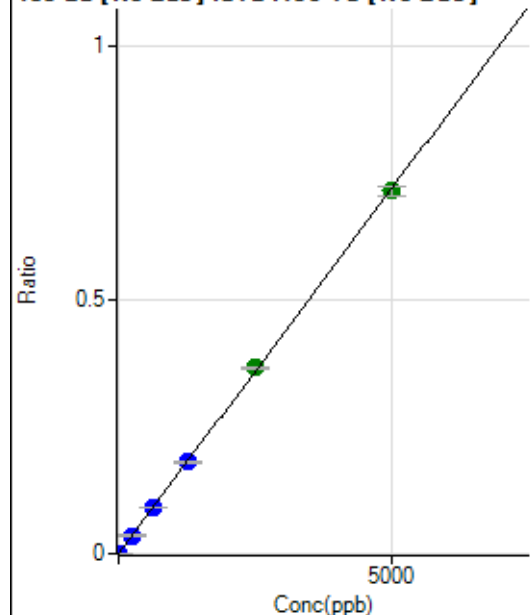
$$R = 0.9999$$

$$DL = 0.003764$$

$$BEC = 0.008433$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0000	P	16.3
2	☐	10.000	9.898	9700.05	0.0014	P	1.8
3	☐	250.000	249.693	249048.25	0.0359	P	0.7
4	☐	625.000	628.690	618693.82	0.0904	P	0.6
5	☐	1250.000	1256.630	1197712.18	0.1806	P	2.6
6	☐	2500.000	2549.476	2297271.94	0.3664	A	0.6
7	☐	5000.000	4973.159	4105624.25	0.7148	A	2.5
8	☐			4907.56	0.0007	P	3.4

$$y = 1.4373\text{E-}004 * x + 3.0106\text{E-}006$$

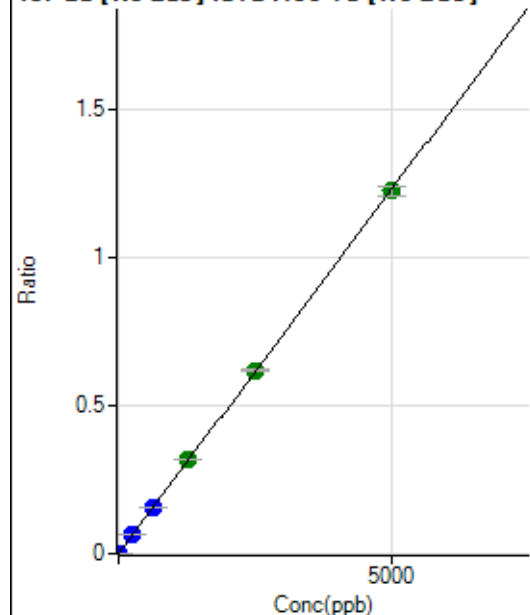
$$R = 0.9999$$

$$DL = 0.01023$$

$$BEC = 0.02095$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0000	P	43.2
2	☐	10.000	10.049	16836.75	0.0025	P	1.2
3	☐	250.000	254.037	433581.60	0.0625	P	0.5
4	☐	625.000	636.342	1071603.91	0.1565	P	1.0
5	☐	1250.000	1291.790	2107388.93	0.3177	A	1.5
6	☐	2500.000	2512.761	3875029.28	0.6180	A	1.0
7	☐	5000.000	4981.552	7037698.92	1.2253	A	2.9
8	☐			8613.79	0.0013	P	1.4

$$y = 2.4596\text{E-}004 * x + 2.6764\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0141$$

$$BEC = 0.01088$$

Weight: <None>

Min Conc: <None>

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			6.67		P	0.0
3	☐			26.67		P	33.1
4	☐			24.44		P	56.8
5	☐			38.89		P	48.7
6	☐			76.67		P	18.9
7	☐			132.22		P	5.2
8	☐			104.45		P	3.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			2.22		P	86.6
4	☐			12.22		P	78.7
5	☐			16.67		P	NaN
6	☐			18.89		P	44.4
7	☐			33.33		P	10.0
8	☐			67.78		P	7.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	43.4
3	☐			11.11		P	17.3
4	☐			23.33		P	37.8
5	☐			18.89		P	10.2
6	☐			65.55		P	36.8
7	☐			82.22		P	14.2
8	☐			238.89		P	17.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			5.56		P	91.6
3	☐			25.56		P	32.8
4	☐			43.33		P	23.1
5	☐			58.89		P	28.5
6	☐			122.23		P	8.3
7	☐			251.12		P	11.9
8	☐			203.34		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	29.0
2	☐			35.56		P	39.0
3	☐			38.89		P	42.3
4	☐			51.11		P	29.4
5	☐			56.67		P	41.2
6	☐			57.78		P	6.7
7	☐			82.22		P	8.4
8	☐			262.23		P	6.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			311.12		P	11.6
2	☐			306.67		P	14.6
3	☐			313.34		P	13.8
4	☐			341.12		P	10.9
5	☐			331.12		P	8.4
6	☐			278.89		P	10.8
7	☐			275.56		P	8.2
8	☐			457.79		P	0.8

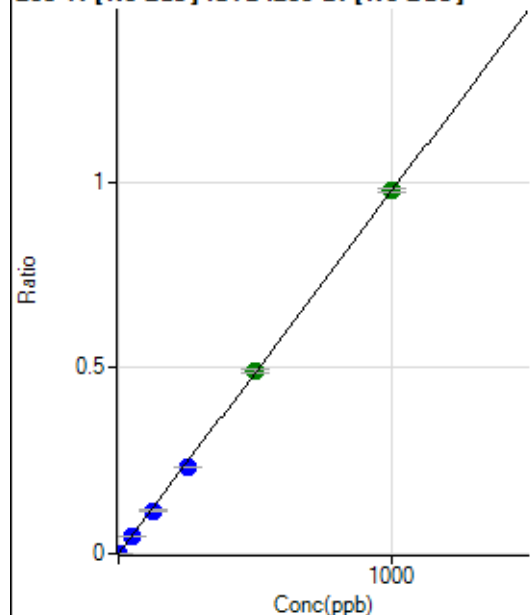
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	17.6
2	☐			31.11		P	22.3
3	☐			34.44		P	29.6
4	☐			35.56		P	28.6
5	☐			48.89		P	14.2
6	☐			88.89		P	7.8
7	☐			90.00		P	7.4
8	☐			431.12		P	10.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	51.0
2	☐			15.56		P	12.4
3	☐			28.89		P	6.7
4	☐			27.78		P	13.9
5	☐			23.33		P	42.9
6	☐			47.78		P	26.4
7	☐			96.67		P	10.3
8	☐			331.12		P	7.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0000	P	8.8
2	☐	1.000	0.984	4686.40	0.0010	P	2.2
3	☐	50.000	48.163	219678.79	0.0470	P	1.3
4	☐	125.000	119.015	544748.47	0.1161	P	1.0
5	☐	250.000	240.120	1066404.84	0.2342	P	0.6
6	☐	500.000	504.278	2114045.16	0.4918	A	1.5
7	☐	1000.000	1001.171	3839004.60	0.9764	A	1.0
8	☐			11081.28	0.0026	P	0.3

$$y = 9.7517E-004 * x + 4.5609E-005$$

$$R = 0.9999$$

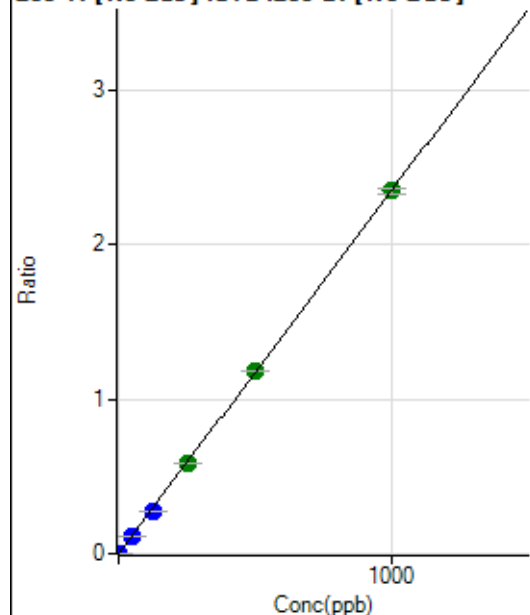
$$DL = 0.01234$$

$$BEC = 0.04677$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.45	0.0001	P	3.5
2	☐	1.000	0.995	11337.03	0.0024	P	2.9
3	☐	50.000	47.356	520133.82	0.1113	P	1.0
4	☐	125.000	117.519	1295377.51	0.2761	P	0.8
5	☐	250.000	248.790	2661030.50	0.5844	A	0.6
6	☐	500.000	503.057	5078828.29	1.1815	A	0.9
7	☐	1000.000	999.842	9231885.77	2.3482	A	1.6
8	☐			26426.85	0.0061	P	0.6

$$y = 0.0023 * x + 9.6986E-005$$

$$R = 1.0000$$

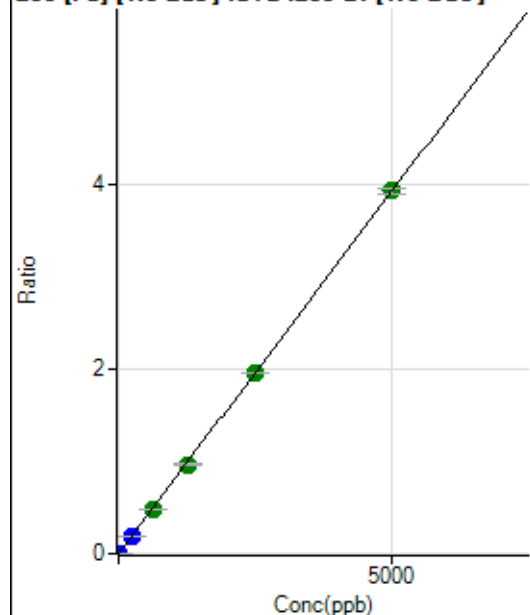
$$DL = 0.004313$$

$$BEC = 0.0413$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	260.01	0.0001	P	0.9
2	☐	1.000	0.858	3407.13	0.0007	P	2.2
3	☐	250.000	242.096	889616.77	0.1904	P	1.1
4	☐	625.000	615.865	2271795.59	0.4842	A	1.2
5	☐	1250.000	1230.884	4406652.81	0.9677	A	0.9
6	☐	2500.000	2490.584	8416623.56	1.9581	A	0.4
7	☐	5000.000	5011.024	15489402.27	3.9396	A	1.5
8	☐			20955.16	0.0048	P	1.1

$$y = 7.8617\text{E-}004 * x + 5.6751\text{E-}005$$

$$R = 1.0000$$

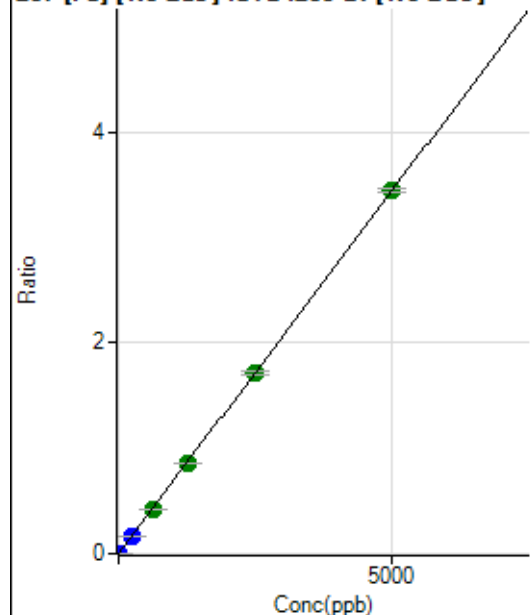
$$DL = 0.00191$$

$$BEC = 0.07219$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	206.67	0.0000	P	15.6
2	☐	1.000	0.876	3018.15	0.0006	P	2.3
3	☐	250.000	236.310	759677.39	0.1626	P	1.0
4	☐	625.000	612.007	1975162.85	0.4210	A	1.8
5	☐	1250.000	1243.792	3895351.82	0.8555	A	1.0
6	☐	2500.000	2492.514	7369397.46	1.7143	A	2.0
7	☐	5000.000	5007.604	13540638.83	3.4442	A	1.1
8	☐			17924.13	0.0041	P	2.3

$$y = 6.8778\text{E-}004 * x + 4.5144\text{E-}005$$

$$R = 1.0000$$

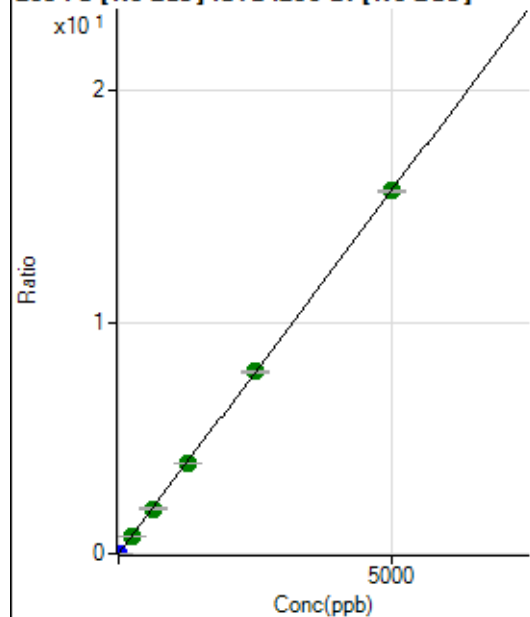
$$DL = 0.03079$$

$$BEC = 0.06564$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1032.25	0.0002	P	5.8
2	☐	1.000	0.865	13687.29	0.0029	P	2.5
3	☐	250.000	245.125	3590439.68	0.7684	A	1.2
4	☐	625.000	621.851	9144078.02	1.9489	A	1.0
5	☐	1250.000	1247.252	17797600.74	3.9087	A	1.1
6	☐	2500.000	2506.369	33762739.22	7.8543	A	1.8
7	☐	5000.000	4998.140	61580492.00	15.6626	A	0.7
8	☐			83181.59	0.0192	P	1.7

$$y = 0.0031 * x + 2.2536E-004$$

$$R = 1.0000$$

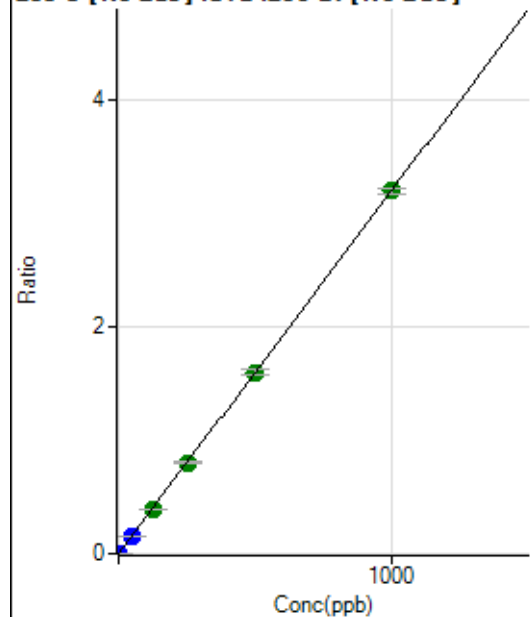
$$DL = 0.01258$$

$$BEC = 0.07192$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0000	P	3.7
2	☐	1.000	0.905	13577.05	0.0029	P	2.3
3	☐	50.000	46.259	692784.03	0.1483	P	1.1
4	☐	125.000	122.294	1838563.93	0.3919	A	2.7
5	☐	250.000	251.567	3670864.18	0.8062	A	1.6
6	☐	500.000	500.536	6895618.72	1.6041	A	2.8
7	☐	1000.000	999.866	12599583.01	3.2043	A	1.3
8	☐			2250.22	0.0005	P	14.0

$$y = 0.0032 * x + 1.2855E-005$$

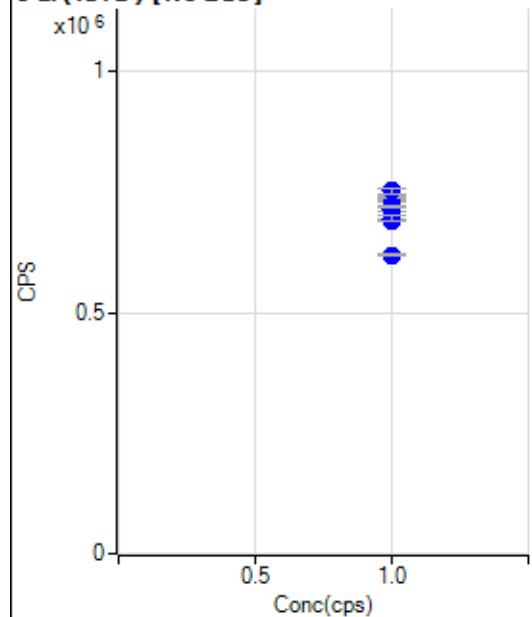
$$R = 1.0000$$

$$DL = 0.0004456$$

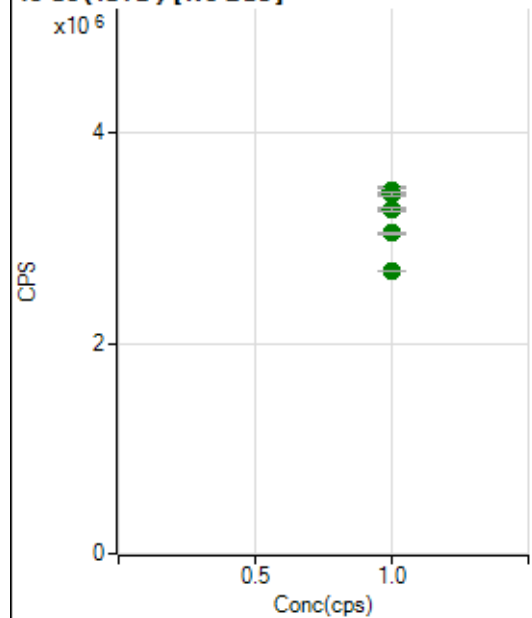
$$BEC = 0.004011$$

Weight: <None>

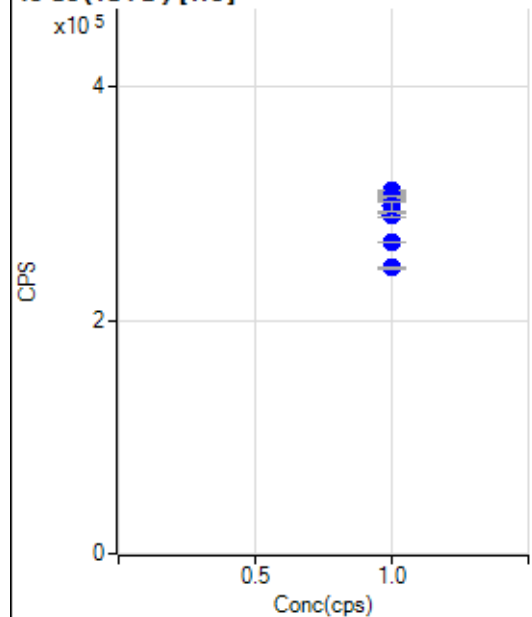
Min Conc: <None>

6 Li (ISTD) [No Gas]

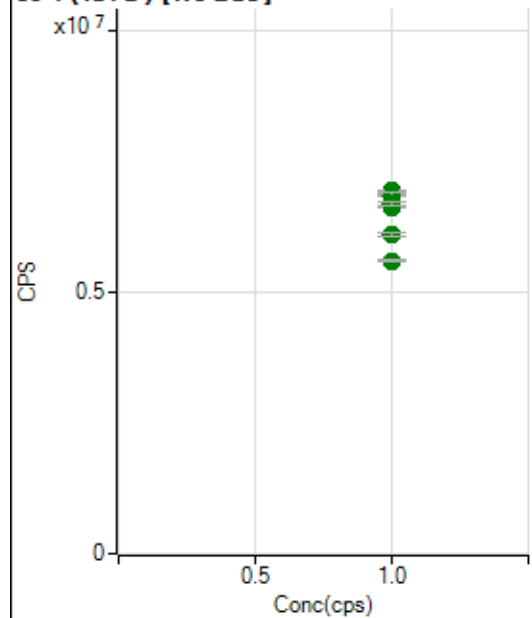
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		713241.66		P	0.7
2	☐	1.000		732844.96		P	0.6
3	☐	1.000		738733.69		P	0.7
4	☐	1.000		751780.00		P	1.3
5	☐	1.000		719004.88		P	0.2
6	☐	1.000		691259.42		P	0.3
7	☐	1.000		619589.59		P	0.5
8	☐	1.000		695219.58		P	1.3

45 Sc (ISTD) [No Gas]

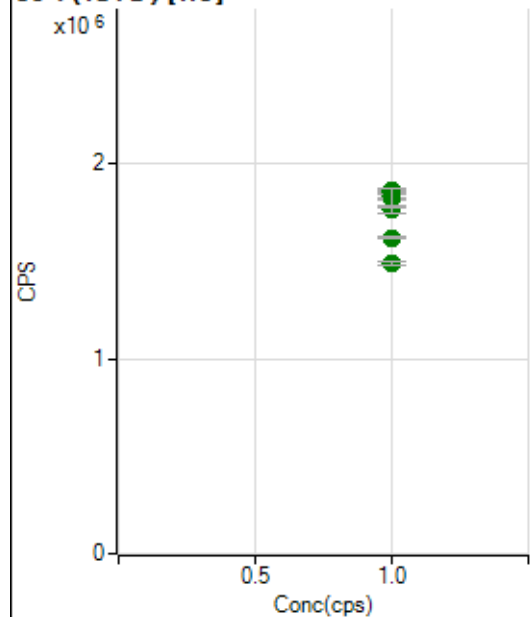
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3410918.80		A	0.6
2	☐	1.000		3446589.12		A	2.6
3	☐	1.000		3445991.16		A	1.3
4	☐	1.000		3412628.49		A	1.0
5	☐	1.000		3263295.33		A	0.4
6	☐	1.000		3041916.14		A	0.7
7	☐	1.000		2685456.07		A	0.3
8	☐	1.000		3275095.12		A	1.1

45 Sc (ISTD) [He]

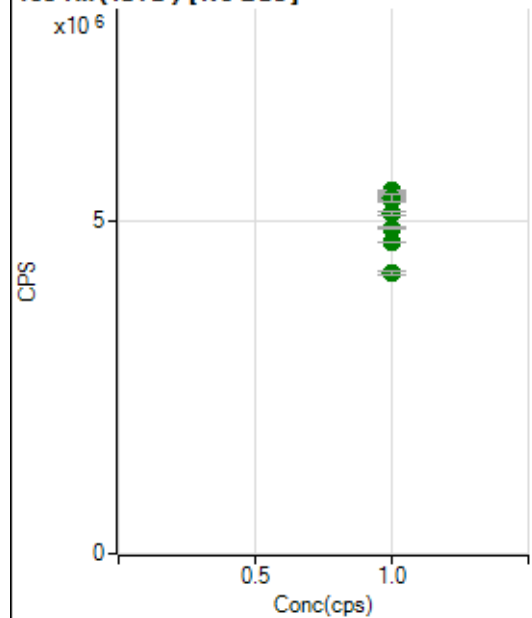
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		303810.83		P	0.4
2	☐	1.000		308916.96		P	0.6
3	☐	1.000		310575.59		P	0.2
4	☐	1.000		305549.76		P	0.2
5	☐	1.000		289916.54		P	1.0
6	☐	1.000		266972.96		P	0.2
7	☐	1.000		245061.93		P	0.7
8	☐	1.000		297622.22		P	2.6

89 Y (ISTD) [No Gas]

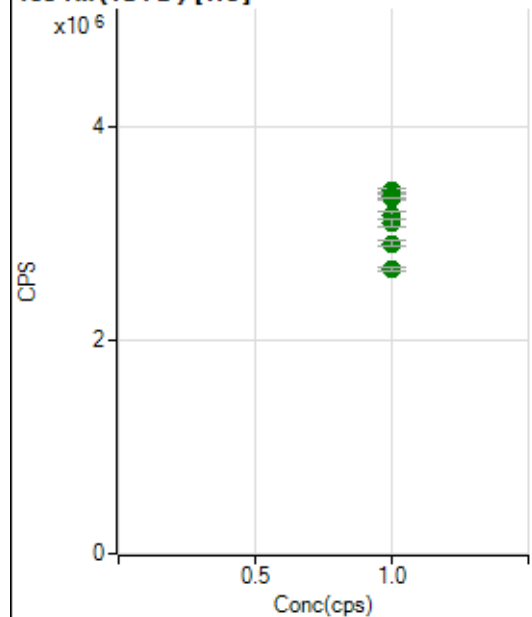
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6872146.08		A	1.0
2	☐	1.000		6930686.63		A	0.2
3	☐	1.000		6891757.40		A	1.0
4	☐	1.000		6823587.75		A	2.7
5	☐	1.000		6600081.98		A	0.1
6	☐	1.000		6102213.52		A	1.5
7	☐	1.000		5591210.96		A	0.8
8	☐	1.000		6673408.30		A	1.1

89 Y (ISTD) [He]

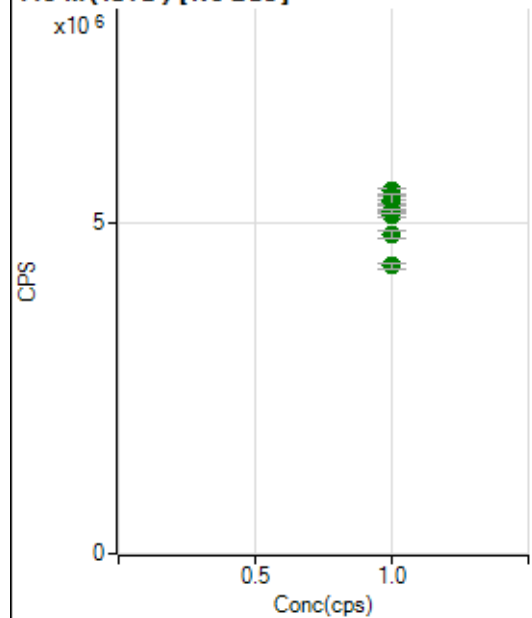
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1861145.77		A	1.0
2	☐	1.000		1856417.37		A	1.1
3	☐	1.000		1862493.76		A	1.7
4	☐	1.000		1821966.98		A	0.9
5	☐	1.000		1765316.21		A	1.8
6	☐	1.000		1623141.56		A	1.0
7	☐	1.000		1489417.72		A	1.1
8	☐	1.000		1833245.84		A	4.8

103 Rh (ISTD) [No Gas]

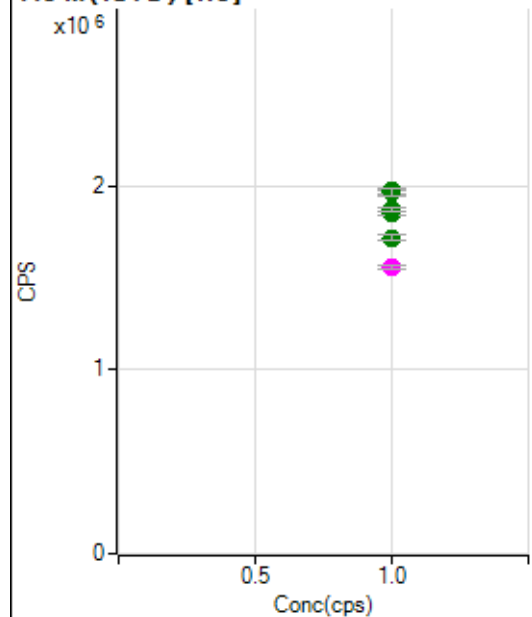
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5332984.06		A	0.6
2	☐	1.000		5400380.23		A	0.1
3	☐	1.000		5465770.33		A	0.8
4	☐	1.000		5358868.71		A	2.3
5	☐	1.000		5130105.31		A	1.2
6	☐	1.000		4691866.28		A	0.1
7	☐	1.000		4238924.56		A	1.5
8	☐	1.000		4908664.06		A	0.8

103 Rh (ISTD) [He]

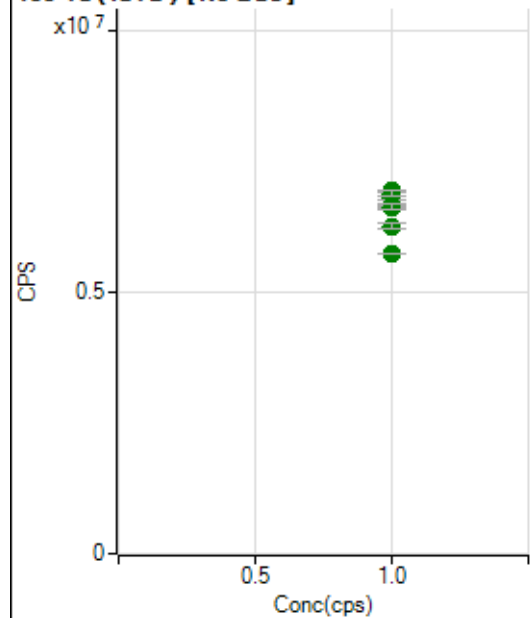
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3356323.35		A	1.8
2	☐	1.000		3402753.28		A	1.9
3	☐	1.000		3349311.23		A	1.5
4	☐	1.000		3336690.54		A	0.5
5	☐	1.000		3177493.01		A	2.0
6	☐	1.000		2912013.78		A	2.4
7	☐	1.000		2673811.17		A	1.4
8	☐	1.000		3099704.36		A	2.6

115 In (ISTD) [No Gas]

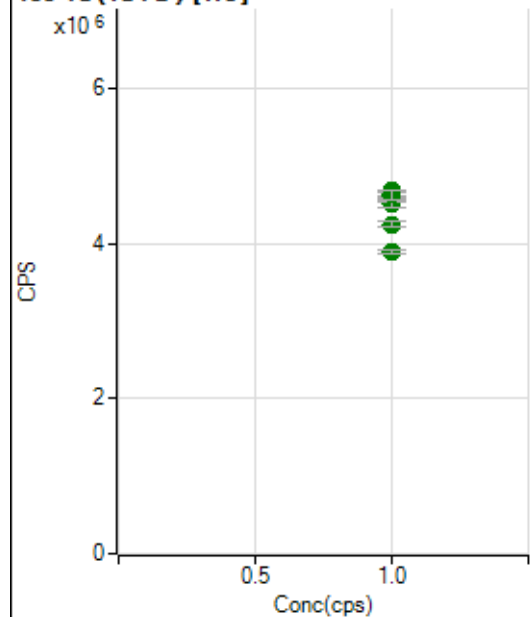
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5316977.73		A	1.1
2	☐	1.000		5481271.84		A	1.3
3	☐	1.000		5412748.23		A	0.6
4	☐	1.000		5347483.52		A	3.0
5	☐	1.000		5126074.86		A	1.8
6	☐	1.000		4824727.01		A	2.3
7	☐	1.000		4343464.24		A	1.4
8	☐	1.000		5162688.93		A	0.9

115 In (ISTD) [He]

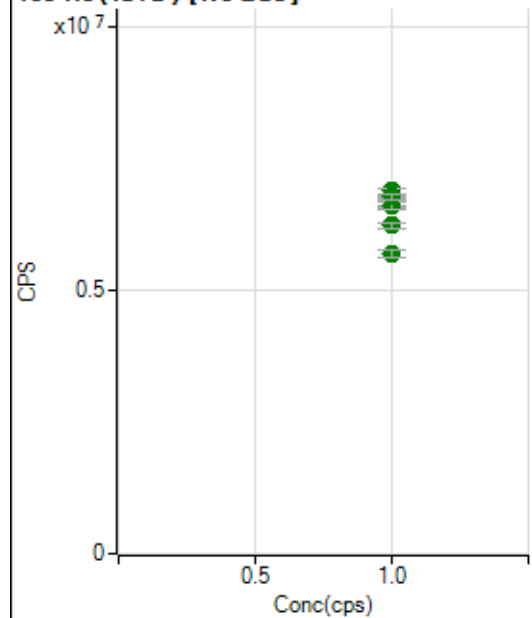
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1962230.57		A	1.2
2	☐	1.000		1965183.55		A	1.3
3	☐	1.000		1970956.78		A	1.6
4	☐	1.000		1961767.56		A	2.3
5	☐	1.000		1846028.68		A	1.1
6	☐	1.000		1715290.03		A	1.8
7	☐	1.000		1556080.11		M	1.8
8	☐	1.000		1869371.84		A	1.4

159 Tb (ISTD) [No Gas]

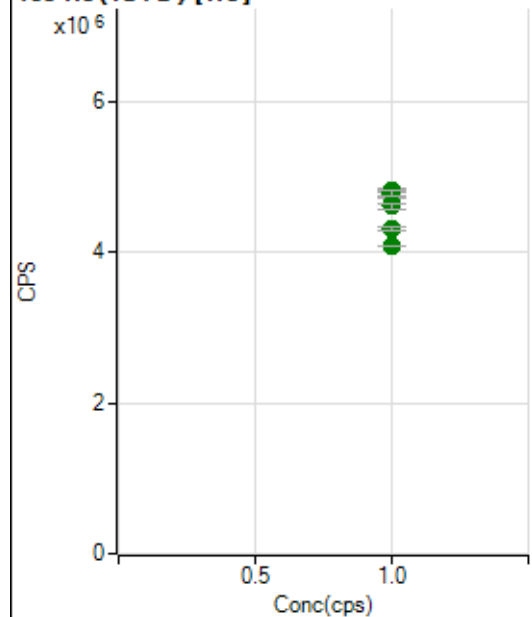
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6640104.14		A	0.7
2	☐	1.000		6804553.16		A	0.9
3	☐	1.000		6939002.74		A	0.8
4	☐	1.000		6847276.98		A	2.0
5	☐	1.000		6632674.62		A	1.4
6	☐	1.000		6269170.88		A	1.6
7	☐	1.000		5744065.68		A	0.3
8	☐	1.000		6890933.65		A	1.3

159 Tb (ISTD) [He]

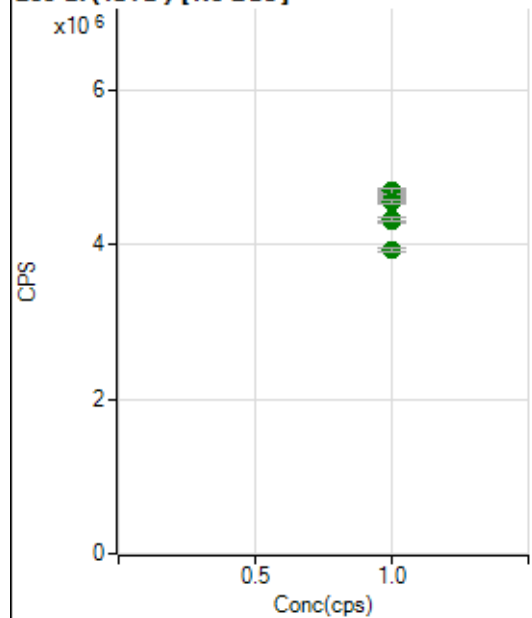
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4601153.54		A	0.7
2	☐	1.000		4655876.01		A	1.9
3	☐	1.000		4684273.06		A	0.3
4	☐	1.000		4624900.24		A	2.0
5	☐	1.000		4506342.26		A	1.1
6	☐	1.000		4246042.92		A	1.7
7	☐	1.000		3897422.93		A	1.5
8	☐	1.000		4631591.08		A	2.8

165 Ho (ISTD) [No Gas]

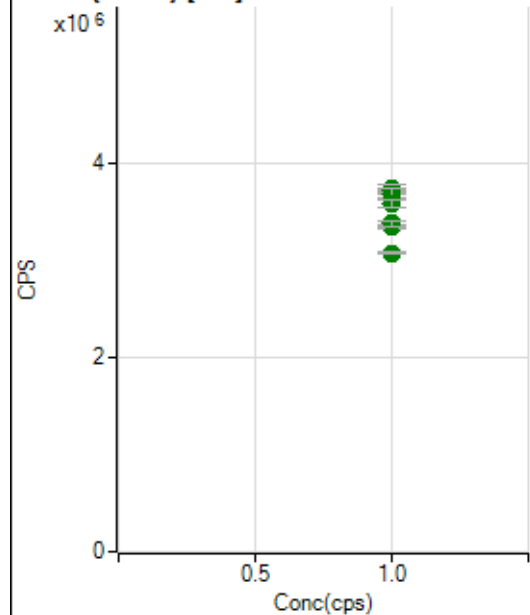
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6586851.01		A	0.7
2	☐	1.000		6815867.54		A	0.5
3	☐	1.000		6882511.77		A	1.3
4	☐	1.000		6775040.94		A	0.8
5	☐	1.000		6605863.03		A	1.9
6	☐	1.000		6223853.31		A	1.8
7	☐	1.000		5692345.06		A	2.0
8	☐	1.000		6782532.68		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4744723.47		A	0.3
2	☐	1.000		4813585.34		A	0.7
3	☐	1.000		4769823.02		A	0.9
4	☐	1.000		4794643.02		A	2.7
5	☐	1.000		4610653.33		A	1.8
6	☐	1.000		4314230.07		A	1.0
7	☐	1.000		4078198.34		A	0.3
8	☐	1.000		4786553.99		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4581803.33		A	0.9
2	☐	1.000		4661048.51		A	1.8
3	☐	1.000		4672675.48		A	0.5
4	☐	1.000		4692134.72		A	1.5
5	☐	1.000		4553436.60		A	1.3
6	☐	1.000		4298371.67		A	0.6
7	☐	1.000		3931851.50		A	1.2
8	☐	1.000		4333481.50		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3673838.24		A	1.8
2	☐	1.000		3717737.72		A	1.1
3	☐	1.000		3729191.16		A	2.4
4	☐	1.000		3679173.07		A	2.9
5	☐	1.000		3578123.84		A	2.5
6	☐	1.000		3337842.41		A	1.4
7	☐	1.000		3065843.43		A	0.7
8	☐	1.000		3374943.28		A	2.0