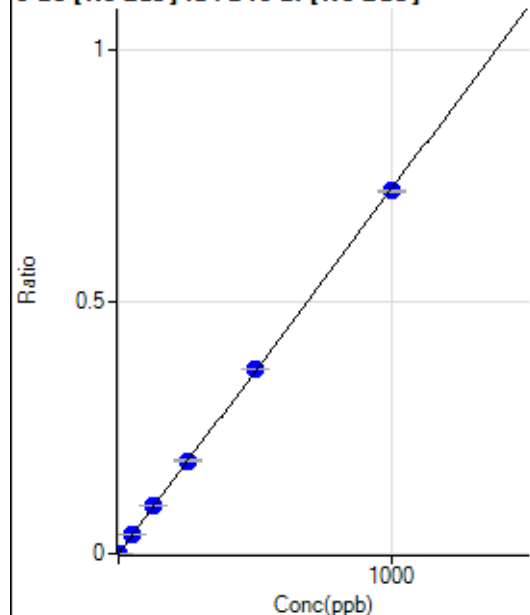


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102224-MS.b\
 Analysis File: P7102224-MS.batch.bin
 DA Date-Time: 2024-10-22 14:21:49
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-22 12:29:04
2	005CALS.d	S02	2024-10-22 12:32:29
3	006CALS.d	S03	2024-10-22 12:35:56
4	007CALS.d	S04	2024-10-22 12:39:18
5	008CALS.d	S05	2024-10-22 12:42:39
6	009CALS.d	S06	2024-10-22 12:45:50
7	010CALS.d	S07	2024-10-22 12:48:56
8	011CALS.d	S08	2024-10-22 12:51:52

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0001	P	25.1
2	☐	1.000	0.996	307.78	0.0008	P	12.3
3	☐	50.000	53.012	15607.92	0.0385	P	1.8
4	☐	125.000	129.952	38877.31	0.0942	P	1.1
5	☐	250.000	253.848	76433.16	0.1839	P	1.8
6	☐	500.000	506.614	149786.41	0.3669	P	0.5
7	☐	1000.000	994.962	294816.93	0.7206	P	0.5
8	☐			232.23	0.0006	P	26.6

$$y = 7.2417\text{E-}004 * x + 7.2425\text{E-}005$$

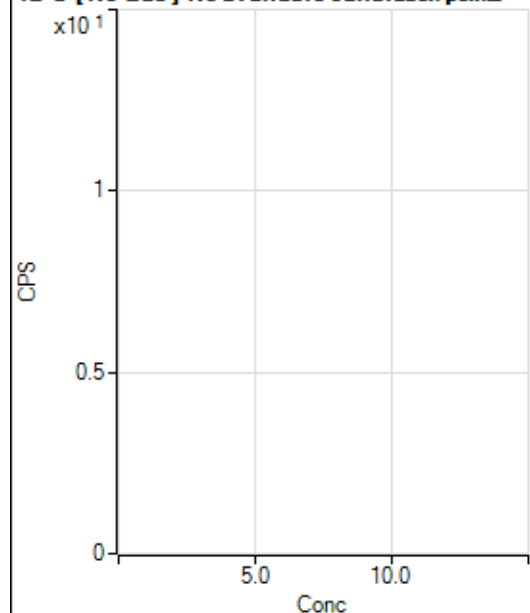
$$R = 1.0000$$

$$DL = 0.07524$$

$$BEC = 0.1$$

Weight: <None>

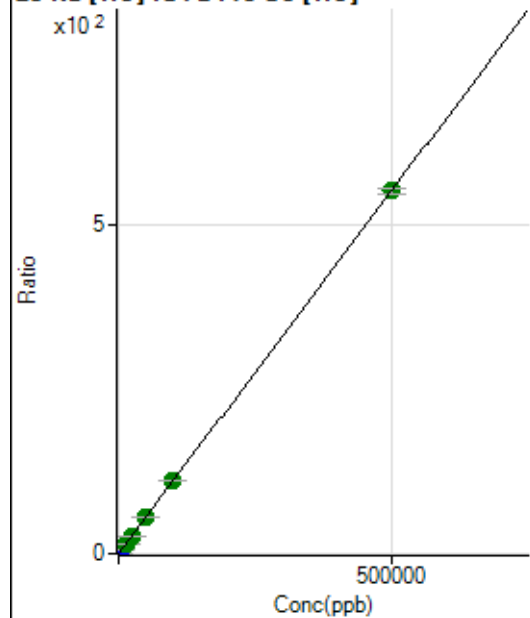
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	1952.36	0.0251	P	2.8
2	☐	500.000	496.822	45133.69	0.5748	P	2.0
3	☐	5000.000	5281.716	475761.84	5.8688	P	0.8
4	☐	12500.000	12233.059	1091353.34	13.5597	A	0.4
5	☐	25000.000	24727.218	2141886.31	27.3831	A	0.4
6	☐	50000.000	50048.225	4277073.34	55.3981	A	0.6
7	☐	100000.00	100075.32	8669173.13	110.7478	A	0.2
8	☐	500000.00	499997.61	42182357.98	553.2191	A	1.8

$$y = 0.0011 * x + 0.0251$$

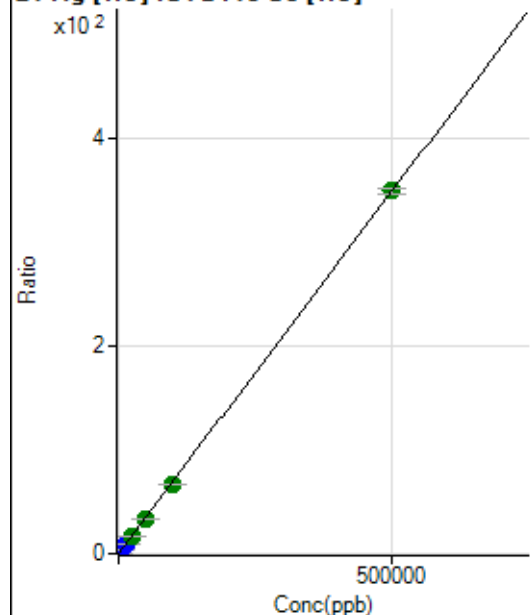
$$R = 1.0000$$

$$DL = 1.878$$

$$BEC = 22.71$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	638.91	0.0082	P	3.8
2	☐	500.000	518.502	29031.83	0.3697	P	0.3
3	☐	5000.000	5000.984	283300.34	3.4947	P	1.7
4	☐	12500.000	12233.784	687115.10	8.5372	P	0.4
5	☐	25000.000	23607.954	1287990.69	16.4669	A	0.9
6	☐	50000.000	47328.264	2548114.55	33.0039	A	0.9
7	☐	100000.00	95192.824	5195566.00	66.3734	A	0.6
8	☐	500000.00	501304.83	26649704.33	349.5010	A	1.6

$$y = 6.9717\text{E-}004 * x + 0.0082$$

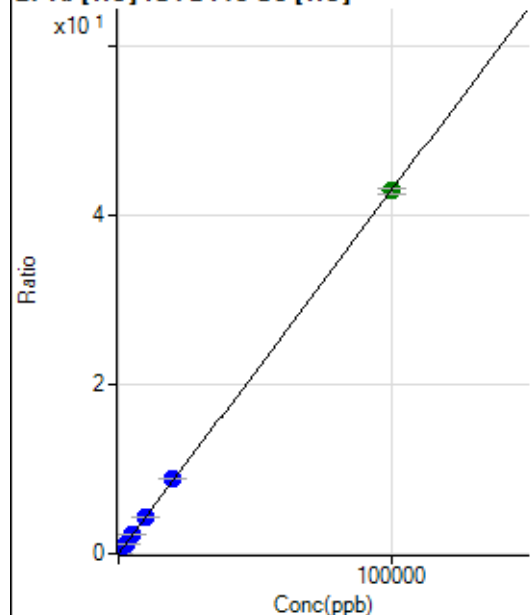
$$R = 0.9999$$

$$DL = 1.357$$

$$BEC = 11.79$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.45	0.0016	P	23.9
2	☐	20.000	18.244	742.25	0.0094	P	5.2
3	☐	1000.000	1626.564	56846.99	0.7012	P	0.4
4	☐	2500.000	2560.435	88767.76	1.1029	P	0.4
5	☐	5000.000	5068.073	170636.07	2.1815	P	0.4
6	☐	10000.000	10259.819	340823.82	4.4146	P	1.1
7	☐	20000.000	20541.668	691738.91	8.8370	P	0.3
8	☐	100000.00	99854.505	3275156.17	42.9511	A	1.4

$$y = 4.3012\text{E-}004 * x + 0.0016$$

$$R = 1.0000$$

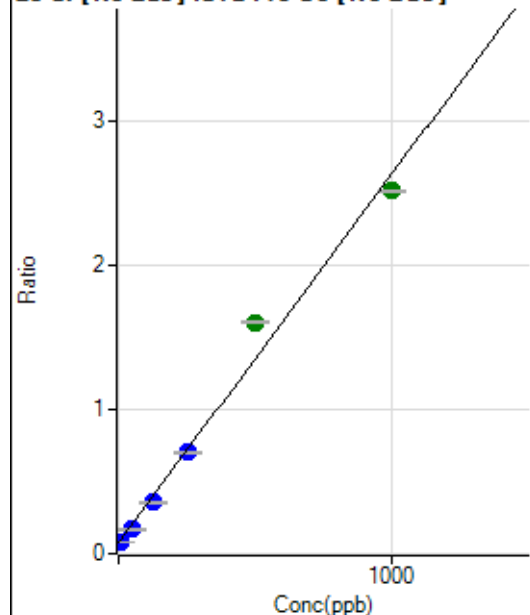
$$DL = 2.675$$

$$BEC = 3.726$$

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	78119.90	0.0760	P	1.4
2	☐	10.000	1.655	82973.88	0.0803	P	0.8
3	☐	50.000	35.611	177617.74	0.1669	P	0.7
4	☐	125.000	108.995	374586.98	0.3540	P	1.4
5	☐	250.000	245.103	729671.53	0.7010	P	0.7
6	☐	500.000	597.180	1609608.55	1.5988	A	0.8
7	☐	1000.000	955.438	2532462.24	2.5124	A	0.7
8	☐			94871.97	0.0955	P	1.0

$$y = 0.0025 * x + 0.0760$$

$$R = 0.9925$$

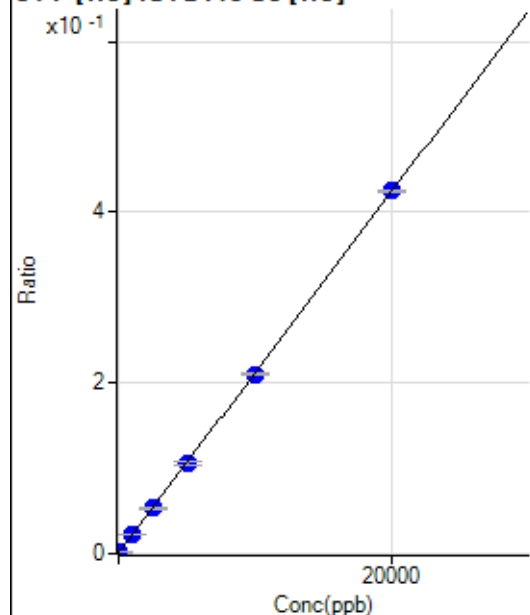
$$DL = 1.28$$

$$BEC = 29.82$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-19.637	33.33	0.0004	P	25.9
2	☐	0.000	19.637	98.89	0.0013	P	10.1
3	☐	1000.000	1042.014	1854.58	0.0229	P	2.2
4	☐	2500.000	2493.287	4310.65	0.0536	P	3.2
5	☐	5000.000	4960.640	8270.07	0.1057	P	2.6
6	☐	10000.000	9911.779	16247.61	0.2104	P	1.1
7	☐	20000.000	20052.689	33257.16	0.4249	P	0.3
8	☐			65.56	0.0009	P	25.5

$$y = 2.1145E-005 * x + 8.4346E-004$$

$$R = 1.0000$$

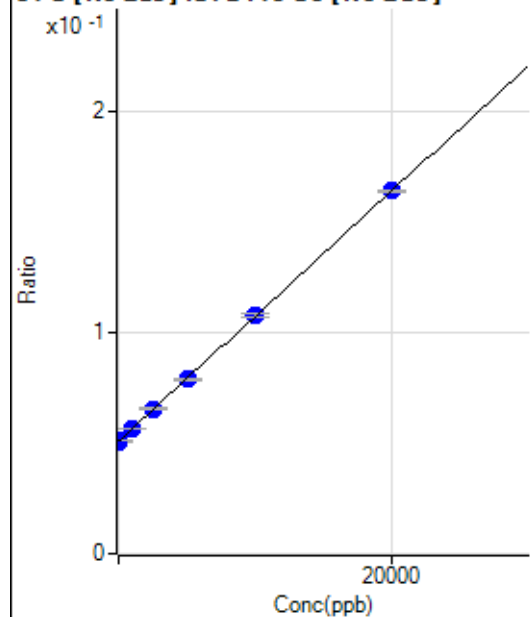
$$DL = 16.92$$

$$BEC = 39.89$$

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	-74.444	51895.50	0.0505	P	1.5
2	☐	0.000	74.444	53090.84	0.0514	P	1.3
3	☐	1000.000	994.522	60219.06	0.0566	P	0.7
4	☐	2500.000	2592.509	69443.43	0.0656	P	0.5
5	☐	5000.000	4963.551	82277.42	0.0791	P	0.9
6	☐	10000.000	10009.820	108348.34	0.1076	P	1.5
7	☐	20000.000	19992.913	165481.70	0.1642	P	0.5
8	☐			51000.35	0.0513	P	0.8

$$y = 5.6642\text{E-}006 * x + 0.0509$$

$$R = 1.0000$$

$$DL = 372.7$$

$$BEC = 8993$$

Weight: <None>

Min Conc: 0

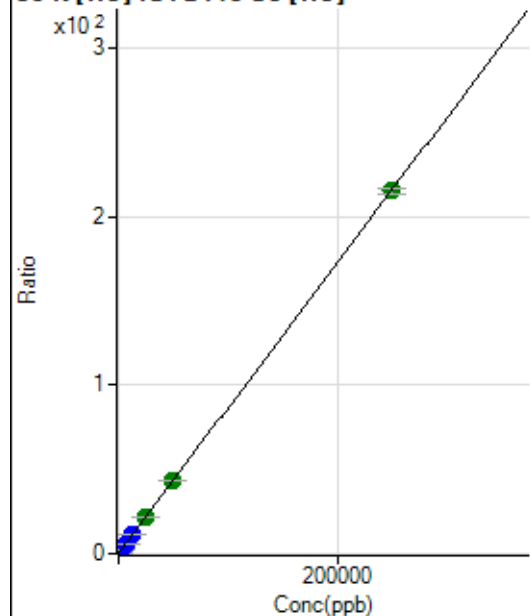
35 Cl [No Gas] No available calibration points



	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	17217.61	0.2216	P	2.8
2	☐	500.000	541.080	53956.21	0.6871	P	1.7
3	☐	2500.000	2770.208	211195.75	2.6052	P	1.1
4	☐	6250.000	6734.325	484210.90	6.0162	P	0.6
5	☐	12500.000	13403.863	919478.62	11.7551	P	0.2
6	☐	25000.000	25212.993	1692106.99	21.9165	A	0.6
7	☐	50000.000	50369.822	3410066.55	43.5631	A	0.3
8	☐	250000.00	249844.65	16409472.40	215.2047	A	1.3

$$y = 8.6047E-004 * x + 0.2216$$

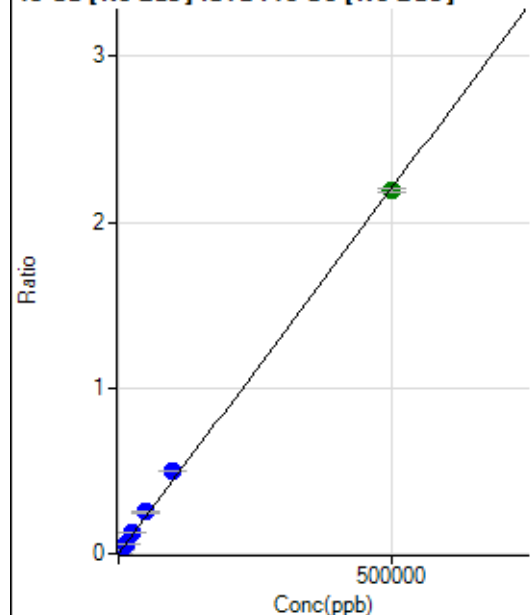
$$R = 1.0000$$

$$DL = 21.86$$

$$BEC = 257.5$$

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	122.22	0.0001	P	14.8
2	☐	500.000	510.939	2449.11	0.0024	P	1.9
3	☐	5000.000	5799.640	27316.88	0.0257	P	0.4
4	☐	12500.000	13998.075	65366.54	0.0618	P	0.8
5	☐	25000.000	27852.244	127796.54	0.1228	P	0.7
6	☐	50000.000	56574.398	250952.04	0.2493	P	1.0
7	☐	100000.00	112472.70	499426.87	0.4955	P	0.7
8	☐	500000.00	496659.94	2173130.97	2.1875	A	1.0

$$y = 4.4041\text{E-}006 * x + 1.1894\text{E-}004$$

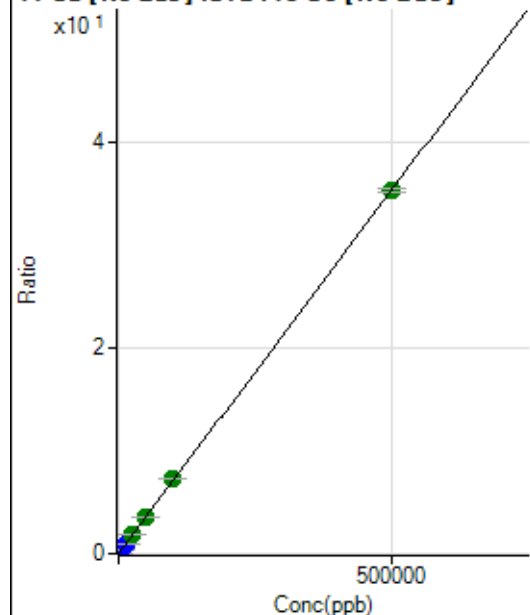
$$R = 0.9996$$

$$DL = 11.96$$

$$BEC = 27.01$$

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	1775.68	0.0017	P	6.7
2	☐	500.000	531.567	40655.49	0.0393	P	0.9
3	☐	5000.000	5671.860	428928.54	0.4029	P	0.5
4	☐	12500.000	13704.276	1027656.22	0.9711	P	0.9
5	☐	25000.000	25509.893	1879953.37	1.8062	A	1.6
6	☐	50000.000	51117.893	3641797.31	3.6176	A	0.9
7	☐	100000.00	103064.63	7350022.39	7.2920	A	0.2
8	☐	500000.00	499212.93	35082311.14	35.3137	A	1.0

$$y = 7.0735\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

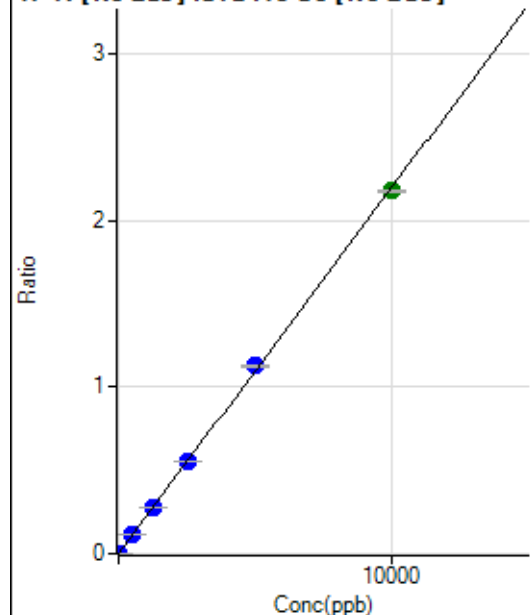
$$DL = 4.885$$

$$BEC = 24.44$$

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	28.89	0.0000	P	33.5
2	☐	5.000	4.586	1071.16	0.0010	P	2.7
3	☐	500.000	525.892	123095.09	0.1156	P	0.5
4	☐	1250.000	1270.650	295620.02	0.2794	P	1.0
5	☐	2500.000	2537.335	580574.46	0.5578	P	0.2
6	☐	5000.000	5138.763	1137222.25	1.1297	P	1.0
7	☐	10000.000	9917.409	2197518.16	2.1802	A	0.5
8	☐			527.79	0.0005	P	5.6

$$y = 2.1983\text{E-}004 * x + 2.8127\text{E-}005$$

$$R = 0.9998$$

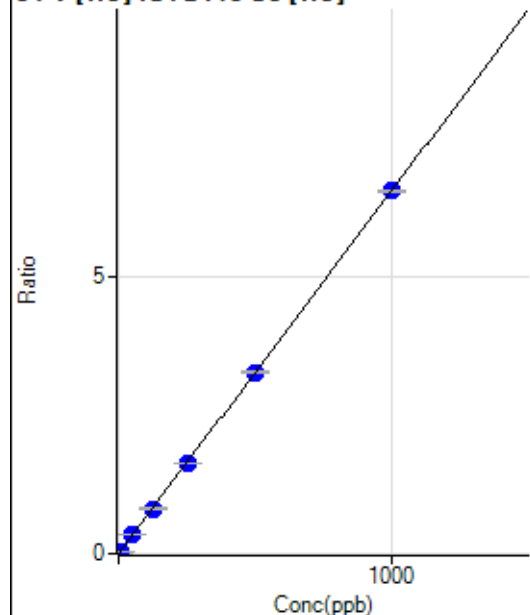
$$DL = 0.1284$$

$$BEC = 0.1279$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.020	2585.80	0.0329	P	2.5
3	☐	50.000	51.393	27321.44	0.3370	P	0.0
4	☐	125.000	123.995	65439.77	0.8131	P	1.0
5	☐	250.000	247.961	127181.01	1.6260	P	0.4
6	☐	500.000	500.652	253469.35	3.2830	P	0.3
7	☐	1000.000	1000.240	513420.54	6.5589	P	0.4
8	☐			198.89	0.0026	P	14.8

$$y = 0.0066 * x + 1.4456\text{E-}005$$

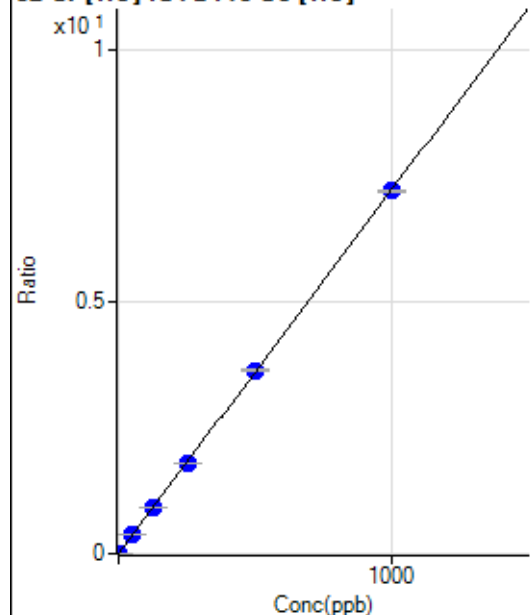
$$R = 1.0000$$

$$DL = 0.01146$$

$$BEC = 0.002205$$

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	118.89	0.0015	P	11.9
2	☐	2.000	1.942	1220.06	0.0155	P	2.8
3	☐	50.000	52.588	30861.55	0.3807	P	1.8
4	☐	125.000	126.493	73533.55	0.9136	P	1.2
5	☐	250.000	249.674	140931.75	1.8018	P	0.3
6	☐	500.000	504.037	280703.18	3.6358	P	1.0
7	☐	1000.000	997.747	563262.57	7.1957	P	0.3
8	☐			1776.79	0.0233	P	2.2

$$y = 0.0072 * x + 0.0015$$

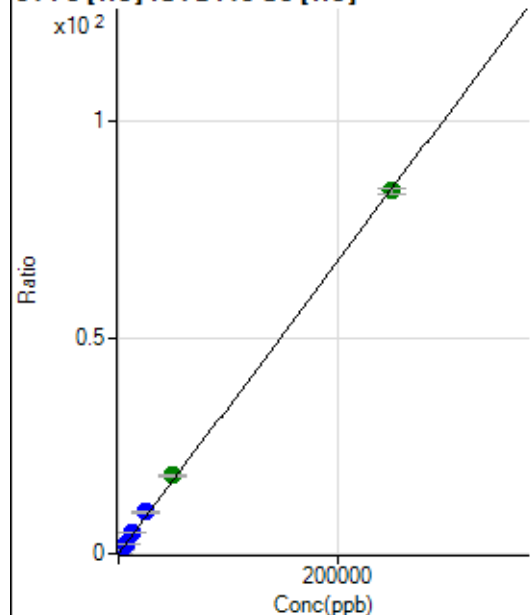
$$R = 1.0000$$

$$DL = 0.07537$$

$$BEC = 0.212$$

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	485.57	0.0063	P	10.4
2	☐	50.000	58.377	2036.83	0.0259	P	6.1
3	☐	2500.000	2938.508	80865.34	0.9975	P	0.6
4	☐	6250.000	7150.990	194654.83	2.4185	P	0.4
5	☐	12500.000	14139.291	373566.61	4.7759	P	0.2
6	☐	25000.000	28367.940	739300.42	9.5757	P	0.8
7	☐	50000.000	53444.497	1411714.89	18.0349	A	1.1
8	☐	250000.00	248865.43	6401894.00	83.9571	A	1.4

$$y = 3.3733E-004 * x + 0.0063$$

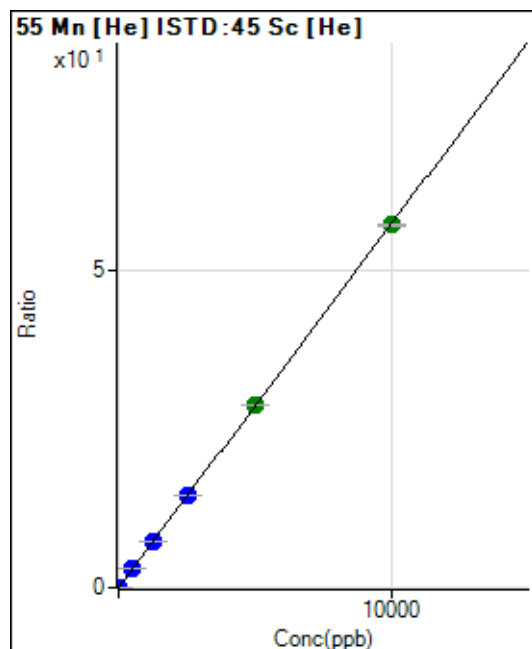
$$R = 0.9998$$

$$DL = 5.763$$

$$BEC = 18.54$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0024	P	6.1
2	☐	1.000	1.126	692.25	0.0088	P	4.6
3	☐	500.000	528.956	245724.95	3.0311	P	0.7
4	☐	1250.000	1286.993	593309.18	7.3716	P	0.2
5	☐	2500.000	2556.927	1145380.71	14.6432	P	0.4
6	☐	5000.000	5023.932	2221186.79	28.7691	A	0.5
7	☐	10000.000	9967.730	4467905.42	57.0770	A	0.3
8	☐			3064.79	0.0402	P	0.7

$$y = 0.0057 * x + 0.0024$$

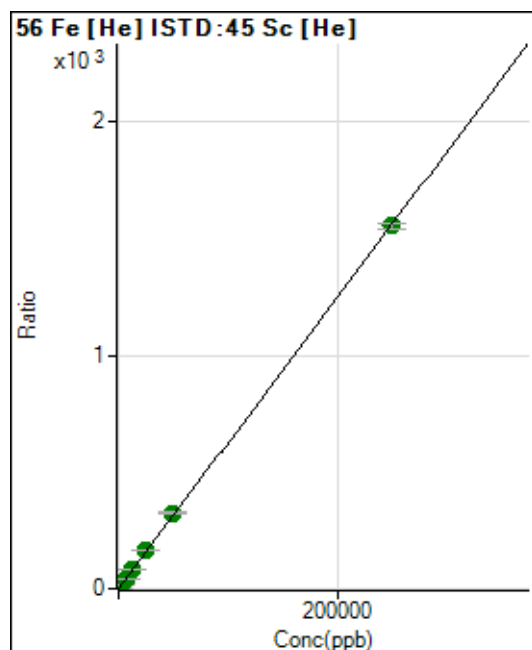
$$R = 1.0000$$

$$DL = 0.0752$$

$$BEC = 0.4143$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4841.93	0.0623	P	2.9
2	☐	50.000	56.882	32736.75	0.4169	P	1.4
3	☐	2500.000	2698.380	1368665.28	16.8832	A	0.7
4	☐	6250.000	6553.074	3292787.35	40.9122	A	0.6
5	☐	12500.000	12976.069	6331919.63	80.9512	A	0.4
6	☐	25000.000	26253.823	12640045.92	163.7208	A	0.9
7	☐	50000.000	52168.975	25461166.29	325.2681	A	1.1
8	☐	250000.00	249407.45	118556066.0	1,554.794	A	1.5

$$y = 0.0062 * x + 0.0623$$

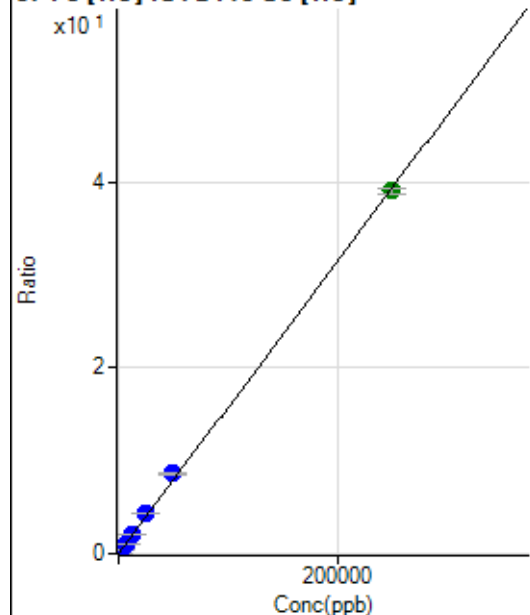
$$R = 1.0000$$

$$DL = 0.8592$$

$$BEC = 9.993$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	335.56	0.0043	P	7.6
2	☐	50.000	61.314	1095.61	0.0140	P	7.1
3	☐	2500.000	2878.598	37026.60	0.4567	P	1.5
4	☐	6250.000	6919.092	87875.74	1.0918	P	0.2
5	☐	12500.000	13716.222	168963.19	2.1601	P	0.3
6	☐	25000.000	27727.044	336780.86	4.3622	P	1.2
7	☐	50000.000	54777.591	674265.76	8.6138	P	0.6
8	☐	250000.00	248690.45	2980847.80	39.0915	A	1.6

$$y = 1.5717\text{E-}004 * x + 0.0043$$

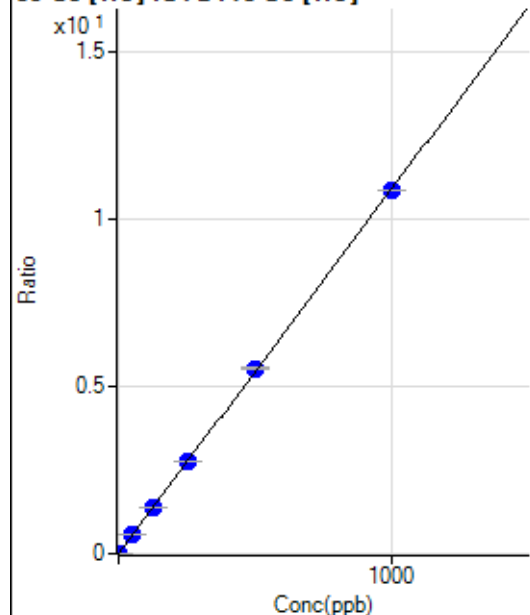
$$R = 0.9998$$

$$DL = 6.251$$

$$BEC = 27.45$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0006	P	41.6
2	☐	1.000	1.170	1044.49	0.0133	P	1.9
3	☐	50.000	53.382	47175.96	0.5820	P	1.4
4	☐	125.000	128.761	112914.82	1.4029	P	0.2
5	☐	250.000	252.468	215119.14	2.7502	P	0.7
6	☐	500.000	506.807	426191.85	5.5203	P	1.0
7	☐	1000.000	995.340	848619.13	10.8410	P	0.2
8	☐			2194.63	0.0288	P	3.5

$$y = 0.0109 * x + 5.5595\text{E-}004$$

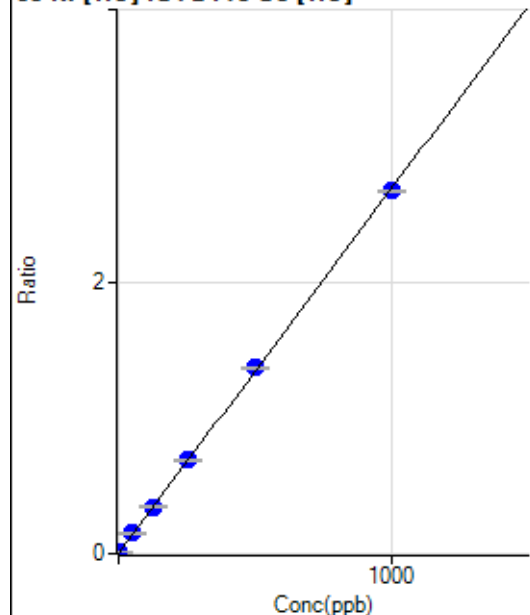
$$R = 1.0000$$

$$DL = 0.06374$$

$$BEC = 0.05105$$

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	146.67	0.0019	P	1.4
2	☐	1.000	2.224	616.68	0.0079	P	3.9
3	☐	50.000	55.083	12135.00	0.1497	P	1.8
4	☐	125.000	127.972	27790.23	0.3453	P	1.4
5	☐	250.000	255.517	53779.23	0.6875	P	0.5
6	☐	500.000	508.441	105482.90	1.3662	P	0.4
7	☐	1000.000	993.774	208888.45	2.6686	P	0.4
8	☐			1000.04	0.0131	P	7.8

$$y = 0.0027 * x + 0.0019$$

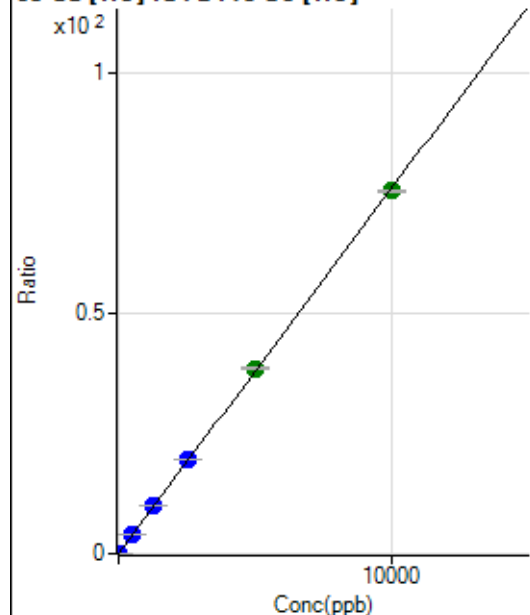
$$R = 0.9999$$

$$DL = 0.02877$$

$$BEC = 0.7033$$

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	760.03	0.0098	P	11.2
2	☐	2.000	1.928	1920.14	0.0245	P	5.9
3	☐	500.000	547.681	338593.22	4.1767	P	0.9
4	☐	1250.000	1311.311	803788.97	9.9867	P	0.3
5	☐	2500.000	2571.747	1531251.83	19.5766	P	0.3
6	☐	5000.000	5074.766	2981722.59	38.6205	A	0.7
7	☐	10000.000	9934.632	5917480.54	75.5961	A	0.4
8	☐			2528.02	0.0332	P	3.6

$$y = 0.0076 * x + 0.0098$$

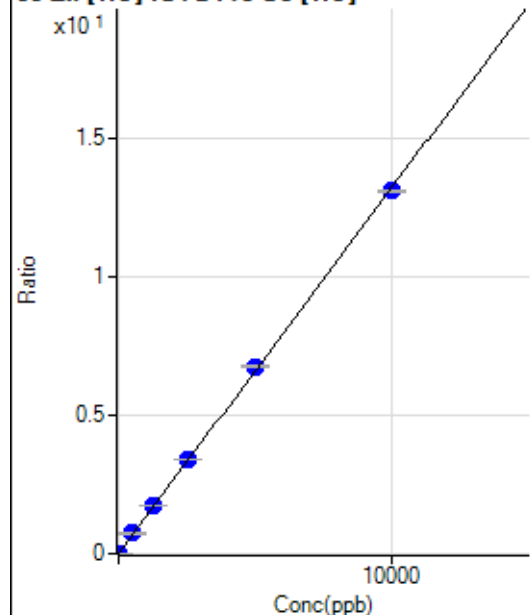
$$R = 0.9999$$

$$DL = 0.433$$

$$BEC = 1.286$$

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	210.00	0.0027	P	2.5
2	☐	2.000	5.122	742.25	0.0095	P	4.7
3	☐	500.000	550.607	59060.51	0.7285	P	0.9
4	☐	1250.000	1293.457	137452.96	1.7078	P	0.3
5	☐	2500.000	2560.358	264216.67	3.3779	P	0.3
6	☐	5000.000	5108.131	520085.91	6.7365	P	1.1
7	☐	10000.000	9922.882	1024142.82	13.0836	P	0.6
8	☐			1134.50	0.0149	P	10.2

$$y = 0.0013 * x + 0.0027$$

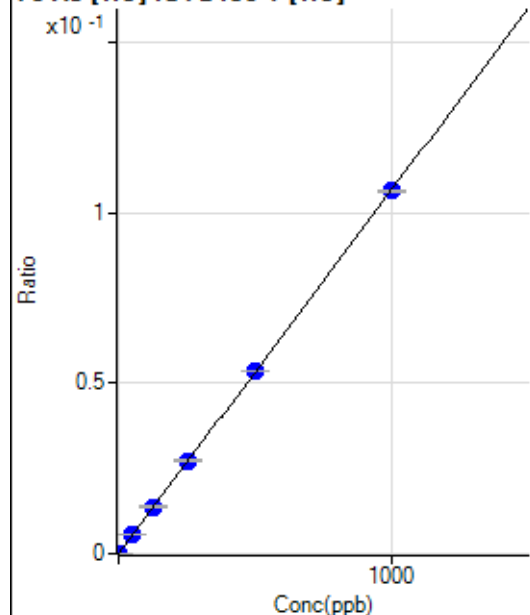
$$R = 0.9999$$

$$DL = 0.1554$$

$$BEC = 2.049$$

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	0.00	0.0000	P	
2	☐	1.000	1.096	82.22	0.0001	P	27.3
3	☐	50.000	52.824	4060.59	0.0056	P	2.1
4	☐	125.000	129.165	9915.60	0.0138	P	2.0
5	☐	250.000	254.602	18971.09	0.0271	P	2.0
6	☐	500.000	500.874	37316.81	0.0534	P	0.4
7	☐	1000.000	997.750	74641.85	0.1063	P	0.9
8	☐			48.89	0.0001	P	11.3

$$y = 1.0655E-004 * x + 0.0000E+000$$

$$R = 1.0000$$

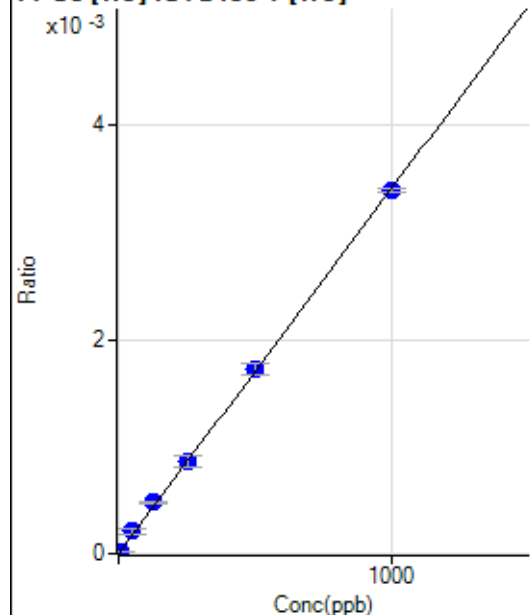
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.550	13.33	0.0000	P	24.8
3	☐	50.000	61.018	150.00	0.0002	P	20.1
4	☐	125.000	141.202	346.67	0.0005	P	3.7
5	☐	250.000	253.768	604.46	0.0009	P	11.3
6	☐	500.000	505.328	1204.50	0.0017	P	6.0
7	☐	1000.000	993.815	2377.99	0.0034	P	1.0
8	☐			0.00	0.0000	P	

$$y = 3.4080\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

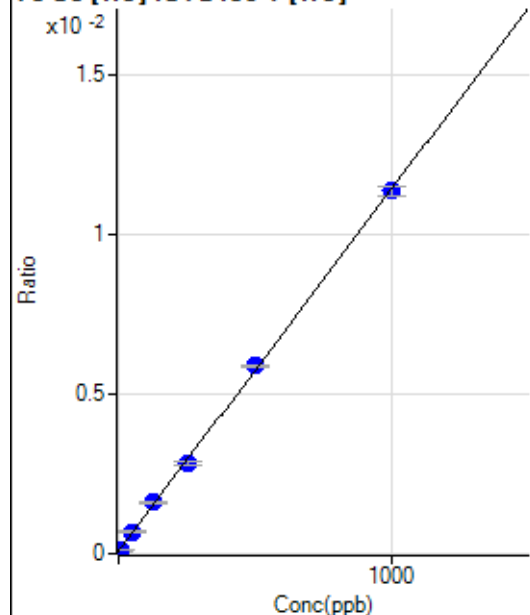
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57.78	0.0001	P	23.2
2	☐	5.000	3.372	85.56	0.0001	P	29.6
3	☐	50.000	51.149	477.79	0.0007	P	8.9
4	☐	125.000	133.651	1150.06	0.0016	P	2.2
5	☐	250.000	242.976	1981.26	0.0028	P	4.4
6	☐	500.000	511.554	4107.27	0.0059	P	0.7
7	☐	1000.000	994.848	7966.65	0.0113	P	2.6
8	☐			58.89	0.0001	P	12.6

$$y = 1.1320\text{E-}005 * x + 8.3274\text{E-}005$$

$$R = 0.9998$$

$$DL = 5.116$$

$$BEC = 7.356$$

Weight: <None>

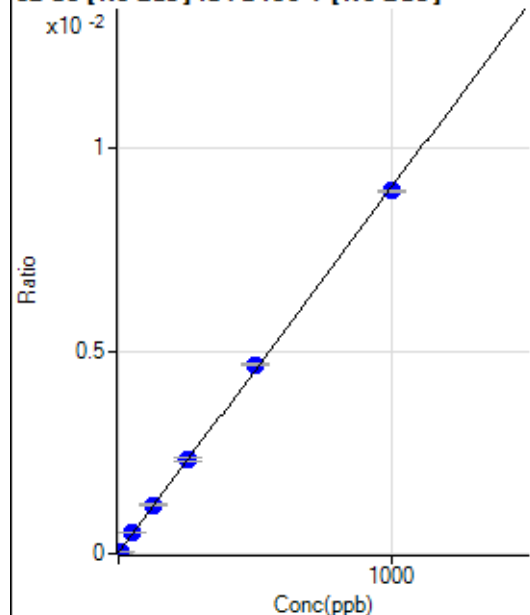
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4814.16		P	4.4
2	☐			4861.97		P	6.9
3	☐			4717.47		P	1.3
4	☐			4654.11		P	1.8
5	☐			4360.69		P	2.3
6	☐			4326.23		P	1.9
7	☐			4161.74		P	1.7
8	☐			4328.46		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	45.8
2	☐			8.89		P	57.3
3	☐			15.55		P	44.6
4	☐			15.55		P	44.6
5	☐			20.00		P	33.4
6	☐			15.56		P	32.7
7	☐			15.56		P	53.9
8	☐			13.34		P	43.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.61	0.0000	P	15.6
2	☐	5.000	3.511	162.92	0.0001	P	11.1
3	☐	50.000	53.396	1489.10	0.0005	P	2.9
4	☐	125.000	131.317	3541.35	0.0012	P	2.1
5	☐	250.000	255.273	6747.95	0.0023	P	2.4
6	☐	500.000	514.392	13188.92	0.0047	P	1.4
7	☐	1000.000	990.534	25421.26	0.0089	P	0.7
8	☐			97.57	0.0000	P	17.2

$$y = 9.0018\text{E-}006 * x + 2.5300\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.318$$

$$BEC = 2.811$$

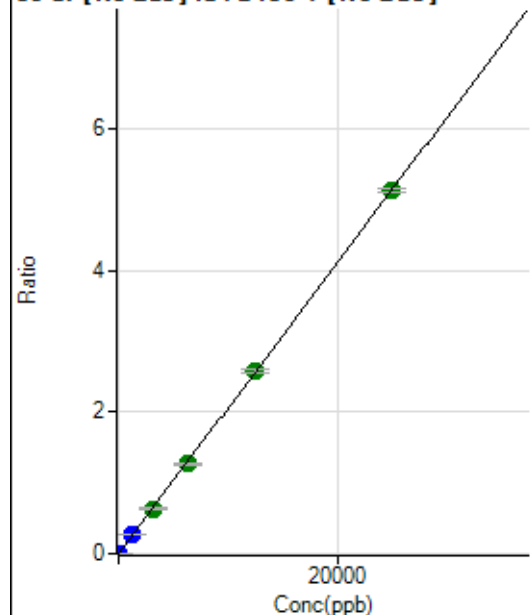
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	30.0
2	☐			47.78		P	34.4
3	☐			34.44		P	34.0
4	☐			31.11		P	37.6
5	☐			43.34		P	13.3
6	☐			32.22		P	12.0
7	☐			46.67		P	31.1
8	☐			41.11		P	16.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.00	0.0000	P	5.0
2	☐	1.000	0.928	616.69	0.0002	P	10.1
3	☐	1250.000	1274.812	771069.76	0.2620	P	1.2
4	☐	3125.000	3107.185	1872993.44	0.6386	A	0.9
5	☐	6250.000	6179.866	3688587.55	1.2700	A	0.9
6	☐	12500.000	12584.117	7324490.52	2.5861	A	2.3
7	☐	25000.000	24976.461	14592304.09	5.1327	A	0.9
8	☐			3643.82	0.0013	P	5.9

$$y = 2.0550\text{E-}004 * x + 2.4730\text{E-}005$$

$$R = 1.0000$$

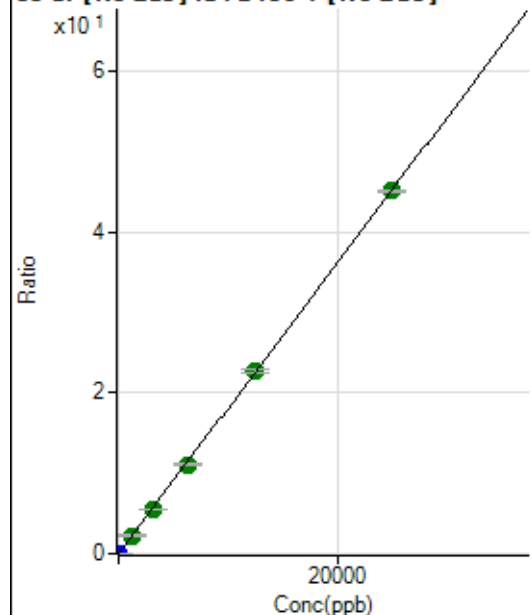
$$DL = 0.0182$$

$$BEC = 0.1203$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.67	0.0000	P	27.1
2	☐	1.000	1.034	5436.61	0.0019	P	3.1
3	☐	1250.000	1256.508	6684613.79	2.2714	A	0.7
4	☐	3125.000	3084.733	16356306.70	5.5761	A	0.3
5	☐	6250.000	6156.207	32321655.35	11.1283	A	1.0
6	☐	12500.000	12565.309	64336416.26	22.7137	A	2.0
7	☐	25000.000	24995.502	128451188.0	45.1830	A	0.5
8	☐			31855.62	0.0117	P	4.4

$$y = 0.0018 * x + 3.0630\text{E-}005$$

$$R = 1.0000$$

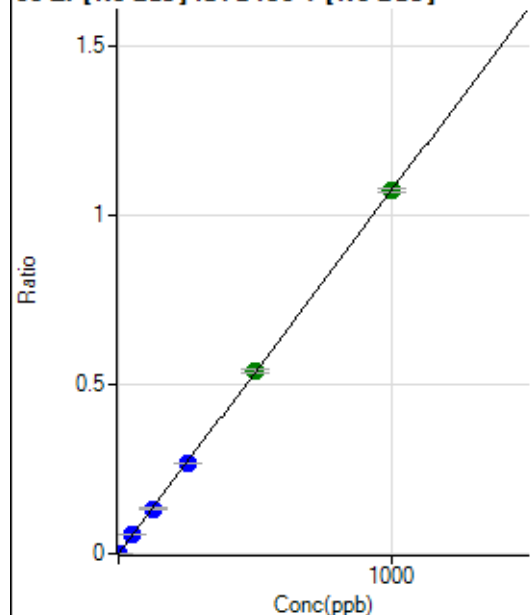
$$DL = 0.0138$$

$$BEC = 0.01694$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	126.67	0.0000	P	16.4
2	☐	1.000	0.953	3053.68	0.0011	P	5.1
3	☐	50.000	50.862	160654.11	0.0546	P	1.6
4	☐	125.000	124.256	390993.73	0.1333	P	0.5
5	☐	250.000	247.849	772106.07	0.2658	P	0.6
6	☐	500.000	503.053	1528035.05	0.5395	A	2.5
7	☐	1000.000	999.061	3046049.09	1.0714	A	1.0
8	☐			2230.19	0.0008	P	1.9

$$y = 0.0011 * x + 4.4744E-005$$

$$R = 1.0000$$

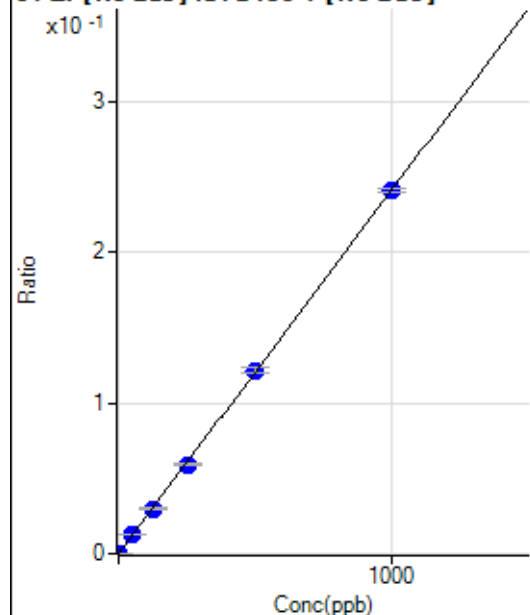
$$DL = 0.02053$$

$$BEC = 0.04172$$

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	20.00	0.0000	P	43.9
2	☐	1.000	1.046	743.36	0.0003	P	10.2
3	☐	50.000	50.716	36051.96	0.0123	P	0.5
4	☐	125.000	124.129	87918.91	0.0300	P	0.9
5	☐	250.000	245.618	172226.65	0.0593	P	1.3
6	☐	500.000	505.171	345419.08	0.1220	P	2.3
7	☐	1000.000	998.583	685355.97	0.2411	P	0.9
8	☐			468.90	0.0002	P	7.2

$$y = 2.4141E-004 * x + 7.0605E-006$$

$$R = 1.0000$$

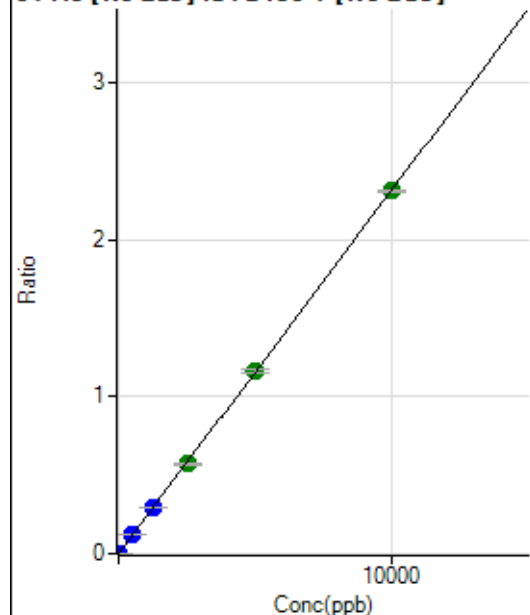
$$DL = 0.03854$$

$$BEC = 0.02925$$

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	40.00	0.0000	P	0.3
2	☐	5.000	5.731	3832.76	0.0013	P	1.1
3	☐	500.000	520.572	354200.57	0.1204	P	0.7
4	☐	1250.000	1263.573	856834.47	0.2921	P	0.1
5	☐	2500.000	2461.837	1652922.68	0.5691	A	1.7
6	☐	5000.000	5038.495	3299308.94	1.1647	A	1.7
7	☐	10000.000	9987.568	6563793.30	2.3088	A	0.6
8	☐			2398.00	0.0009	P	2.5

$$y = 2.3117\text{E-}004 * x + 1.4130\text{E-}005$$

$$R = 1.0000$$

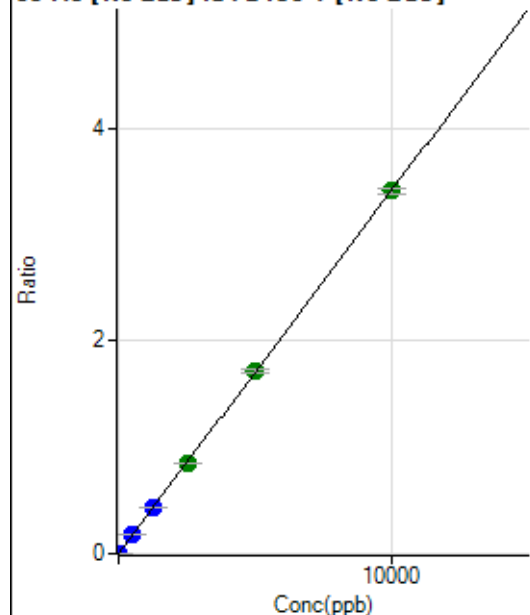
$$DL = 0.0005837$$

$$BEC = 0.06113$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	33.4
2	☐	5.000	4.569	4472.95	0.0016	P	1.8
3	☐	500.000	515.787	517905.17	0.1760	P	0.8
4	☐	1250.000	1257.357	1258329.22	0.4290	P	0.2
5	☐	2500.000	2477.425	2454899.65	0.8452	A	1.0
6	☐	5000.000	5022.017	4852734.69	1.7134	A	2.4
7	☐	10000.000	9992.927	9693051.38	3.4094	A	1.5
8	☐			2601.37	0.0010	P	7.4

$$y = 3.4118\text{E-}004 * x + 3.5328\text{E-}006$$

$$R = 1.0000$$

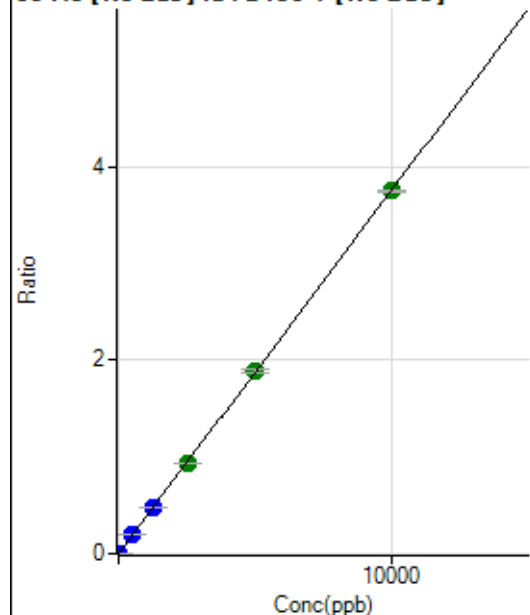
$$DL = 0.01037$$

$$BEC = 0.01035$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.00	0.0000	P	18.9
2	☐	5.000	4.664	5039.81	0.0018	P	1.2
3	☐	500.000	515.022	568702.87	0.1932	P	0.6
4	☐	1250.000	1256.324	1382626.32	0.4714	P	0.1
5	☐	2500.000	2475.717	2697777.15	0.9289	A	0.7
6	☐	5000.000	5032.495	5347861.07	1.8881	A	2.2
7	☐	10000.000	9988.282	10653959.01	3.7475	A	0.8
8	☐			4549.64	0.0017	P	1.5

$$y = 3.7518\text{E-}004 * x + 1.0595\text{E-}005$$

$$R = 1.0000$$

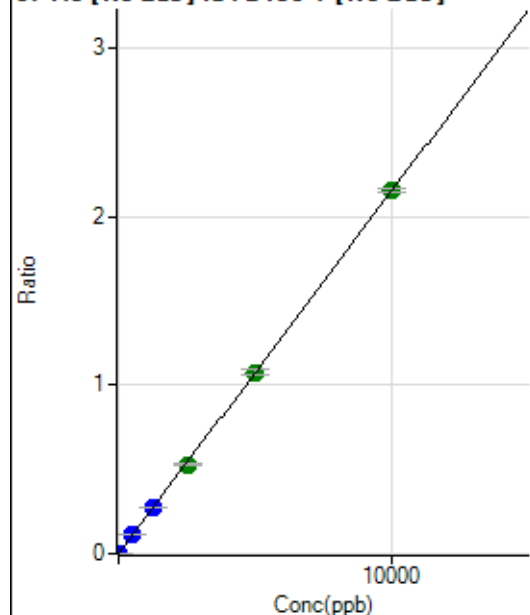
$$DL = 0.01601$$

$$BEC = 0.02824$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	57.9
2	☐	5.000	4.583	2835.86	0.0010	P	4.6
3	☐	500.000	515.959	327040.87	0.1111	P	0.7
4	☐	1250.000	1251.292	790485.69	0.2695	P	0.1
5	☐	2500.000	2465.343	1542178.41	0.5310	A	0.7
6	☐	5000.000	5000.203	3049770.75	1.0769	A	2.8
7	☐	10000.000	10007.604	6127666.30	2.1553	A	1.2
8	☐			1634.55	0.0006	P	5.9

$$y = 2.1537\text{E-}004 * x + 3.5362\text{E-}006$$

$$R = 1.0000$$

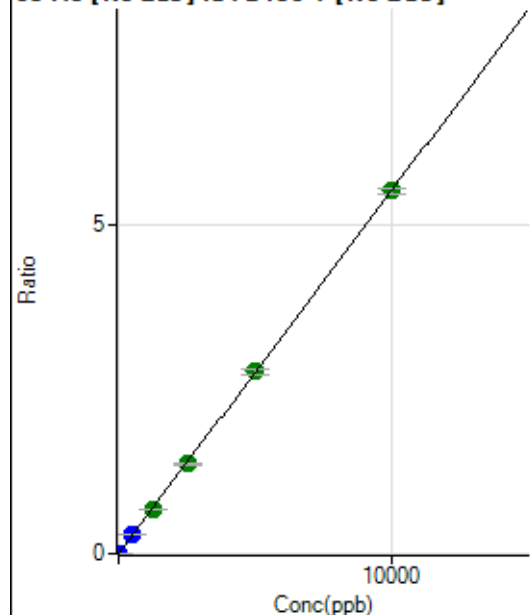
$$DL = 0.02853$$

$$BEC = 0.01642$$

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	18.89	0.0000	P	51.1
2	☐	5.000	4.580	7248.52	0.0025	P	3.8
3	☐	500.000	519.059	842338.52	0.2862	P	0.7
4	☐	1250.000	1238.845	2003761.92	0.6831	A	0.6
5	☐	2500.000	2465.327	3948125.98	1.3594	A	1.7
6	☐	5000.000	5020.711	7840348.98	2.7684	A	2.8
7	☐	10000.000	9998.754	15674579.07	5.5133	A	1.4
8	☐			3925.01	0.0014	P	4.2

$$y = 5.5140\text{E-}004 * x + 6.6750\text{E-}006$$

$$R = 1.0000$$

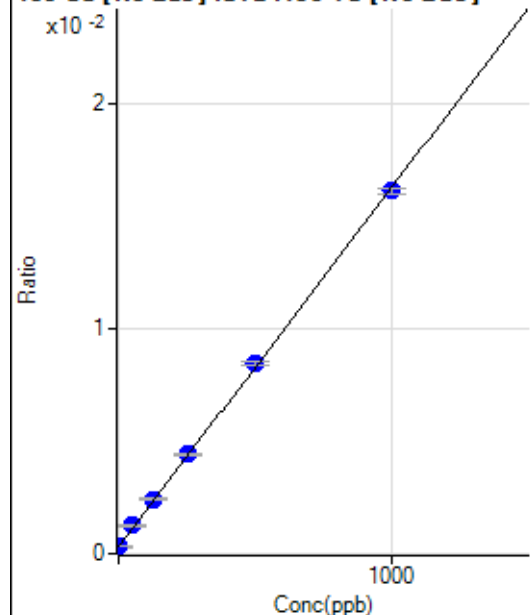
$$DL = 0.01856$$

$$BEC = 0.01211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	874.48	0.0003	P	6.7
2	☐	1.000	2.776	1005.60	0.0003	P	4.5
3	☐	50.000	58.772	3722.74	0.0012	P	1.3
4	☐	125.000	133.091	7393.04	0.0024	P	3.6
5	☐	250.000	256.900	13576.44	0.0044	P	1.4
6	☐	500.000	511.266	25925.37	0.0085	P	1.7
7	☐	1000.000	991.190	49917.53	0.0161	P	1.6
8	☐			952.26	0.0003	P	3.0

$$y = 1.5980\text{E-}005 * x + 3.0179\text{E-}004$$

$$R = 0.9999$$

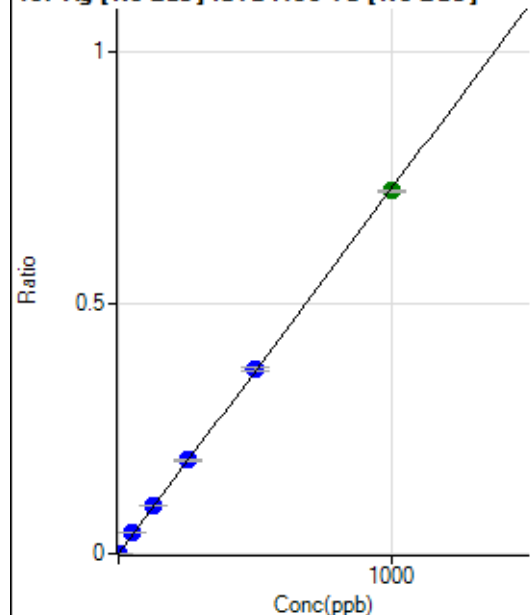
$$DL = 3.782$$

$$BEC = 18.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	8.3
2	☐	1.000	1.038	2214.63	0.0008	P	0.9
3	☐	50.000	55.843	121859.13	0.0406	P	1.2
4	☐	125.000	133.268	295127.72	0.0969	P	0.6
5	☐	250.000	256.814	575386.23	0.1868	P	1.5
6	☐	500.000	506.075	1126339.18	0.3681	P	1.6
7	☐	1000.000	993.933	2235714.38	0.7229	A	0.7
8	☐			474.46	0.0002	P	12.3

$$y = 7.2727\text{E-}004 * x + 7.2794\text{E-}006$$

$$R = 0.9999$$

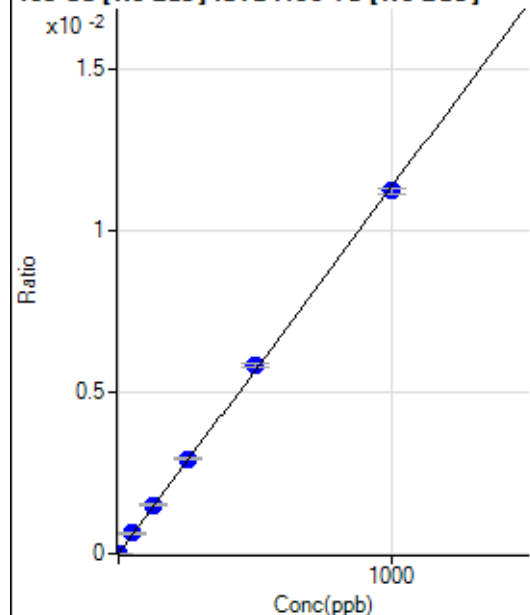
$$DL = 0.002499$$

$$BEC = 0.01001$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.012	35.55	0.0000	P	37.8
3	☐	50.000	55.243	1880.14	0.0006	P	3.7
4	☐	125.000	131.644	4544.08	0.0015	P	3.4
5	☐	250.000	259.237	9050.67	0.0029	P	1.9
6	☐	500.000	514.496	17839.96	0.0058	P	2.2
7	☐	1000.000	989.350	34672.57	0.0112	P	1.5
8	☐			15.56	0.0000	P	12.3

$$y = 1.1330\text{E-}005 * x + 7.6867\text{E-}007$$

$$R = 0.9998$$

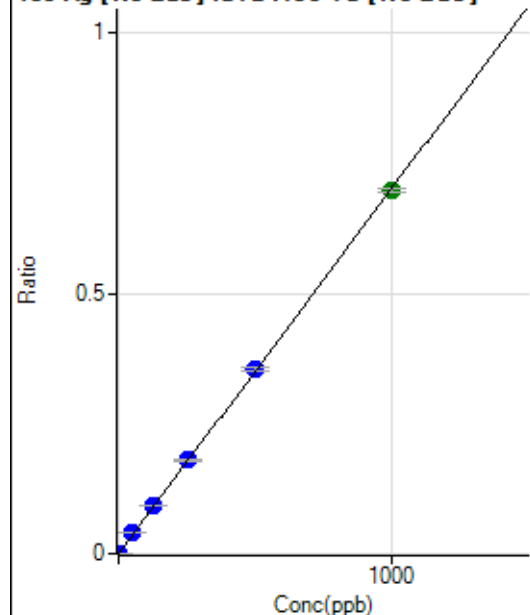
$$DL = 0.1763$$

$$BEC = 0.06784$$

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	7.78	0.0000	P	89.6
2	☐	1.000	1.040	2124.62	0.0007	P	7.7
3	☐	50.000	55.966	117626.70	0.0392	P	0.8
4	☐	125.000	133.152	284018.62	0.0933	P	0.9
5	☐	250.000	256.373	553267.97	0.1796	P	1.5
6	☐	500.000	505.480	1083683.27	0.3541	P	1.4
7	☐	1000.000	994.350	2154455.11	0.6966	A	0.9
8	☐			407.79	0.0001	P	7.4

$$y = 7.0054\text{E-}004 * x + 2.7003\text{E-}006$$

$$R = 0.9999$$

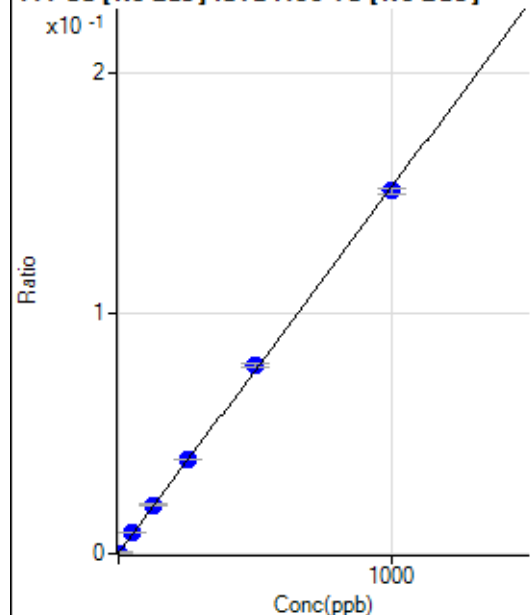
$$DL = 0.01037$$

$$BEC = 0.003855$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.69	0.0002	P	6.5
2	☐	1.000	1.205	1146.82	0.0004	P	3.4
3	☐	50.000	56.148	26320.40	0.0088	P	2.0
4	☐	125.000	132.102	61983.24	0.0204	P	0.9
5	☐	250.000	257.775	121766.28	0.0395	P	0.4
6	☐	500.000	513.427	240266.77	0.0785	P	1.5
7	☐	1000.000	990.147	467650.32	0.1512	P	1.6
8	☐			814.59	0.0003	P	2.0

$$y = 1.5251\text{E-}004 * x + 2.1110\text{E-}004$$

$$R = 0.9998$$

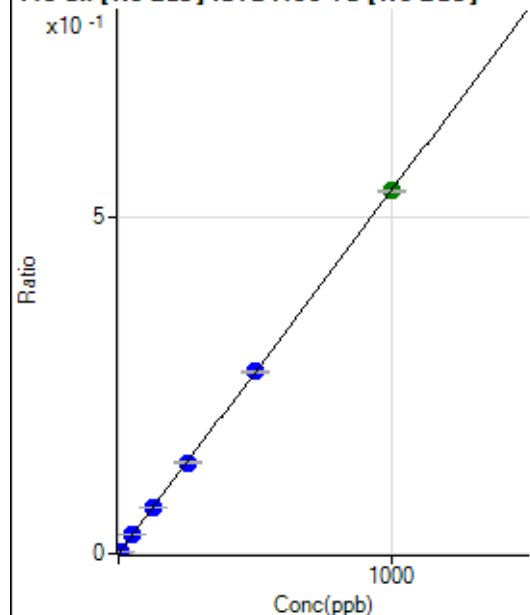
$$DL = 0.2714$$

$$BEC = 1.384$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	485.57	0.0002	P	22.4
2	☐	5.000	5.106	8507.03	0.0029	P	2.6
3	☐	50.000	53.698	87625.01	0.0292	P	0.7
4	☐	125.000	128.034	211346.57	0.0694	P	0.6
5	☐	250.000	250.083	417174.36	0.1354	P	1.2
6	☐	500.000	500.647	829088.91	0.2709	P	1.6
7	☐	1000.000	999.091	1671634.91	0.5405	A	0.6
8	☐			1521.21	0.0005	P	12.1

$$y = 5.4082\text{E-}004 * x + 1.6736\text{E-}004$$

$$R = 1.0000$$

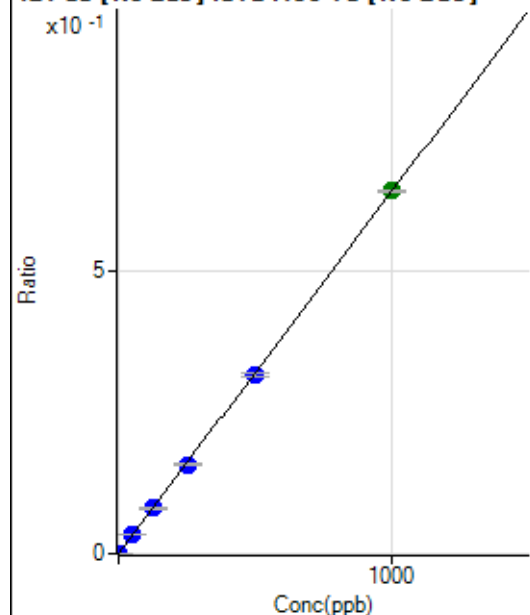
$$DL = 0.2078$$

$$BEC = 0.3095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.34	0.0000	P	95.0
2	☐	2.000	1.943	3663.83	0.0013	P	2.1
3	☐	50.000	52.136	99852.34	0.0333	P	1.5
4	☐	125.000	125.514	243889.80	0.0801	P	1.0
5	☐	250.000	246.786	485137.14	0.1575	P	1.3
6	☐	500.000	495.557	967598.90	0.3162	P	1.8
7	☐	1000.000	1002.854	1978886.48	0.6399	A	0.5
8	☐			1606.77	0.0006	P	4.1

$$y = 6.3801\text{E-}004 * x + 2.1741\text{E-}005$$

$$R = 1.0000$$

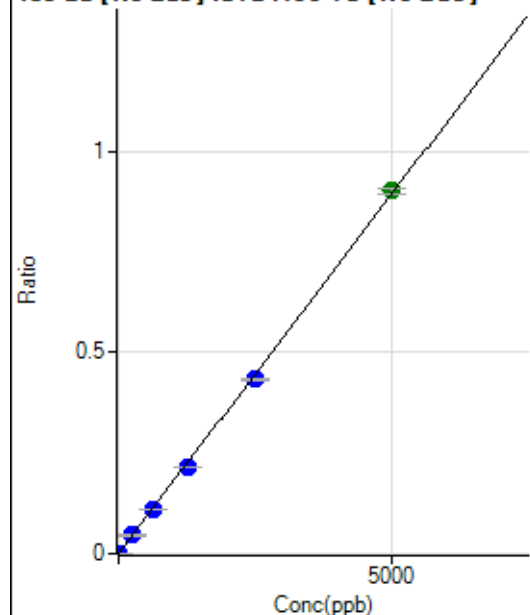
$$DL = 0.09707$$

$$BEC = 0.03408$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	82.22	0.0000	P	34.7
2	☐	10.000	9.905	5217.67	0.0018	P	3.4
3	☐	250.000	255.561	136913.35	0.0456	P	1.7
4	☐	625.000	617.003	335379.50	0.1101	P	1.1
5	☐	1250.000	1208.205	664384.97	0.2157	P	1.3
6	☐	2500.000	2422.904	1323394.42	0.4325	P	1.8
7	☐	5000.000	5049.719	2787598.05	0.9013	A	1.9
8	☐			1501.21	0.0005	P	1.9

$$y = 1.7848\text{E-}004 * x + 2.8391\text{E-}005$$

$$R = 0.9998$$

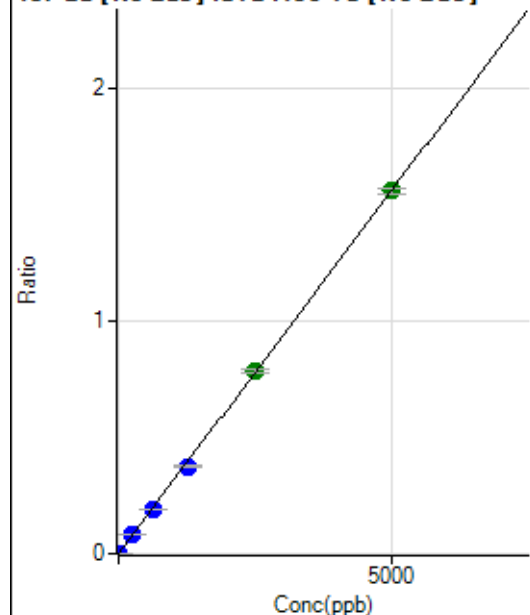
$$DL = 0.1654$$

$$BEC = 0.1591$$

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	116.67	0.0000	P	17.0
2	☐	10.000	9.550	8771.66	0.0030	P	1.9
3	☐	250.000	254.750	238563.04	0.0795	P	0.7
4	☐	625.000	613.564	583000.32	0.1915	P	0.3
5	☐	1250.000	1204.975	1158288.99	0.3760	P	1.2
6	☐	2500.000	2526.403	2412016.54	0.7883	A	2.4
7	☐	5000.000	4999.248	4823800.07	1.5598	A	1.5
8	☐			2465.80	0.0009	P	5.0

$$y = 3.1200\text{E-}004 * x + 4.0297\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.06594$$

$$BEC = 0.1292$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	50.8
2	☐			12.22		P	15.7
3	☐			37.78		P	10.2
4	☐			45.55		P	8.5
5	☐			72.22		P	35.9
6	☐			150.00		P	23.5
7	☐			325.56		P	17.0
8	☐			56.67		P	32.8

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	86.6
3	☐			2.22		P	173.
4	☐			10.00		P	33.3
5	☐			16.67		P	20.0
6	☐			38.89		P	24.7
7	☐			46.67		P	18.9
8	☐			30.00		P	0.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			605.58		P	25.5
2	☐			455.57		P	8.3
3	☐			547.79		P	6.2
4	☐			593.35		P	4.6
5	☐			490.02		P	17.7
6	☐			482.24		P	6.6
7	☐			595.58		P	2.5
8	☐			592.24		P	34.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			124.45		P	20.5
2	☐			68.89		P	7.4
3	☐			111.11		P	24.2
4	☐			172.23		P	30.9
5	☐			104.45		P	3.7
6	☐			206.67		P	12.8
7	☐			207.78		P	5.2
8	☐			150.00		P	5.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			11.11		P	17.3
3	☐			11.11		P	34.6
4	☐			8.89		P	114.
5	☐			20.00		P	72.7
6	☐			27.78		P	50.0
7	☐			33.33		P	0.0
8	☐			73.33		P	39.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	19.3
2	☐			135.56		P	16.0
3	☐			118.89		P	9.0
4	☐			118.89		P	25.3
5	☐			126.67		P	13.9
6	☐			118.89		P	21.4
7	☐			124.44		P	33.1
8	☐			160.00		P	8.3

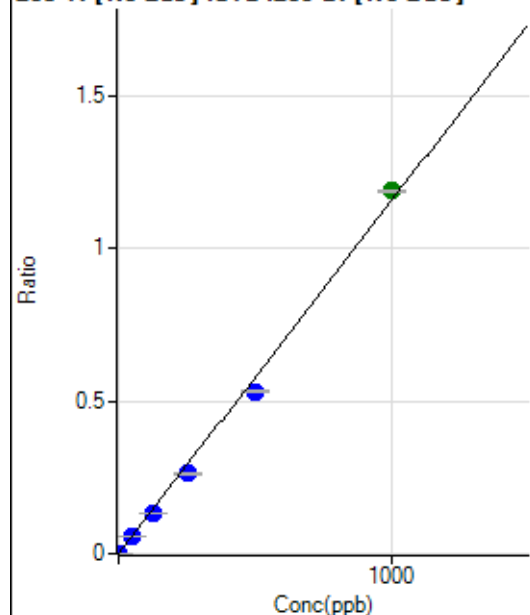
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	34.6
2	☐			35.56		P	23.6
3	☐			24.44		P	34.3
4	☐			18.89		P	36.7
5	☐			22.22		P	22.9
6	☐			38.89		P	21.6
7	☐			48.89		P	37.6
8	☐			111.11		P	25.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	70.0
2	☐			14.45		P	26.7
3	☐			15.56		P	65.5
4	☐			13.33		P	50.0
5	☐			21.11		P	24.1
6	☐			22.22		P	22.9
7	☐			27.78		P	6.9
8	☐			73.33		P	7.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	33.7
2	☐	1.000	0.892	1939.05	0.0010	P	1.7
3	☐	50.000	46.613	102532.81	0.0538	P	0.6
4	☐	125.000	112.819	254230.64	0.1303	P	1.1
5	☐	250.000	226.729	512155.62	0.2619	P	1.2
6	☐	500.000	459.426	1035920.50	0.5306	P	0.6
7	☐	1000.000	1027.797	2306213.91	1.1871	A	0.7
8	☐			377.79	0.0002	P	8.7

$$y = 0.0012 * x + 1.2798E-005$$

$$R = 0.9985$$

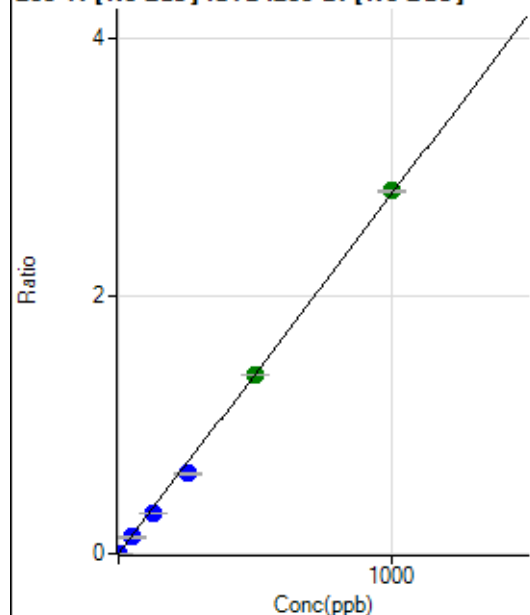
$$DL = 0.01121$$

$$BEC = 0.01108$$

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	57.78	0.0000	P	30.9
2	☐	1.000	0.876	4608.61	0.0025	P	0.1
3	☐	50.000	45.647	242844.22	0.1275	P	0.8
4	☐	125.000	111.025	605061.25	0.3102	P	1.6
5	☐	250.000	222.840	1217448.76	0.6225	P	0.9
6	☐	500.000	498.235	2716931.70	1.3918	A	0.5
7	☐	1000.000	1009.637	5478950.13	2.8203	A	0.7
8	☐			970.04	0.0006	P	12.7

$$y = 0.0028 * x + 3.1972E-005$$

$$R = 0.9996$$

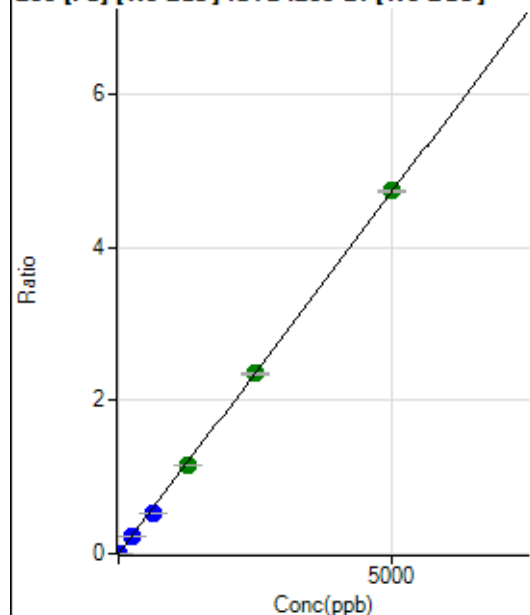
$$DL = 0.01063$$

$$BEC = 0.01145$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	35.2
2	☐	1.000	0.871	1610.11	0.0009	P	5.2
3	☐	250.000	229.536	412970.21	0.2169	P	0.9
4	☐	625.000	558.214	1028826.16	0.5274	P	1.6
5	☐	1250.000	1223.573	2260749.98	1.1560	A	1.4
6	☐	2500.000	2491.745	4595628.68	2.3540	A	0.6
7	☐	5000.000	5020.106	9213796.67	4.7426	A	0.8
8	☐			2117.97	0.0014	P	2.7

$$y = 9.4471\text{E-}004 * x + 4.3388\text{E-}005$$

$$R = 0.9999$$

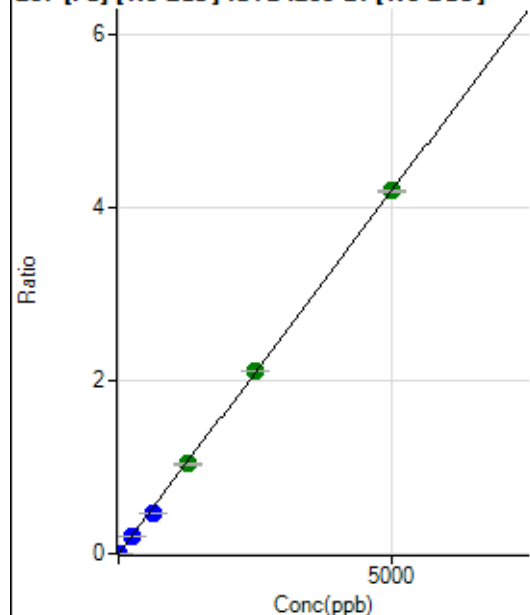
$$DL = 0.04853$$

$$BEC = 0.04593$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	32.5
2	☐	1.000	0.885	1438.98	0.0008	P	5.6
3	☐	250.000	227.938	363116.22	0.1907	P	1.1
4	☐	625.000	551.498	900061.82	0.4614	P	1.4
5	☐	1250.000	1237.711	2024973.91	1.0354	A	1.2
6	☐	2500.000	2520.818	4116474.35	2.1087	A	0.6
7	☐	5000.000	5002.954	8130436.34	4.1851	A	0.5
8	☐			1830.15	0.0012	P	3.3

$$y = 8.3651\text{E-}004 * x + 3.4309\text{E-}005$$

$$R = 0.9999$$

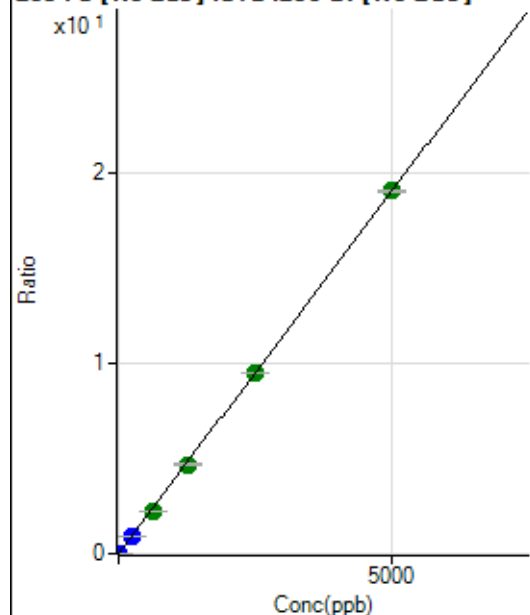
$$DL = 0.03994$$

$$BEC = 0.04101$$

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	300.00	0.0002	P	6.0
2	☐	1.000	0.883	6564.03	0.0035	P	3.6
3	☐	250.000	228.678	1659746.47	0.8717	P	1.1
4	☐	625.000	587.033	4365046.92	2.2374	A	1.1
5	☐	1250.000	1231.159	9176904.10	4.6923	A	1.0
6	☐	2500.000	2501.627	18612381.77	9.5342	A	0.3
7	☐	5000.000	5009.709	37092526.18	19.0928	A	0.4
8	☐			8209.94	0.0053	P	0.2

$$y = 0.0038 * x + 1.6672E-004$$

$$R = 1.0000$$

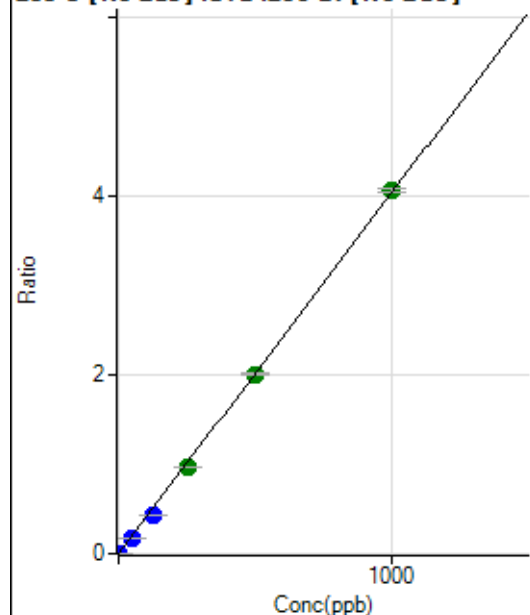
$$DL = 0.00792$$

$$BEC = 0.04375$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.44	0.0000	P	73.9
2	☐	1.000	0.827	6204.83	0.0033	P	2.9
3	☐	50.000	42.864	328841.10	0.1727	P	0.9
4	☐	125.000	105.173	826616.26	0.4237	P	1.7
5	☐	250.000	240.606	1895816.17	0.9694	A	1.3
6	☐	500.000	497.616	3914022.37	2.0048	A	1.1
7	☐	1000.000	1006.376	7877303.98	4.0546	A	1.2
8	☐			945.60	0.0006	P	14.6

$$y = 0.0040 * x + 8.2124E-006$$

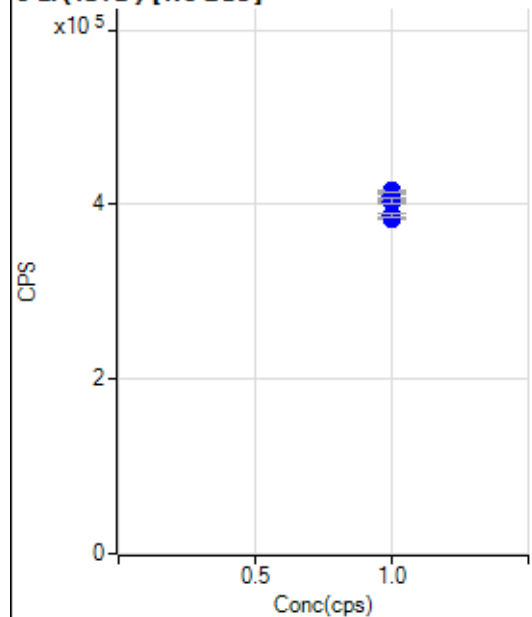
$$R = 0.9998$$

$$DL = 0.004517$$

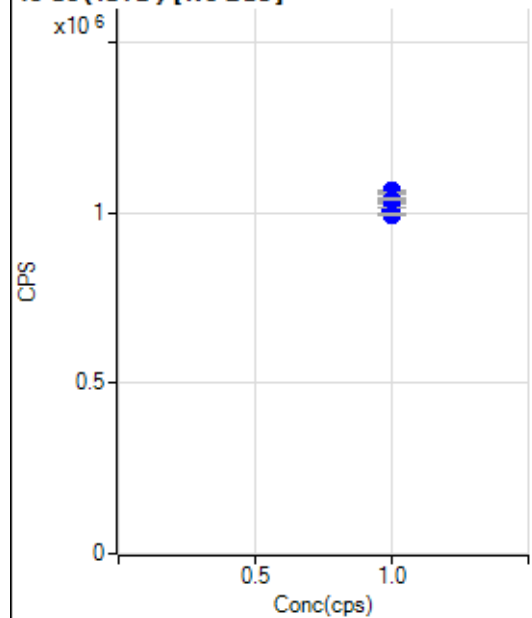
$$BEC = 0.002038$$

Weight: <None>

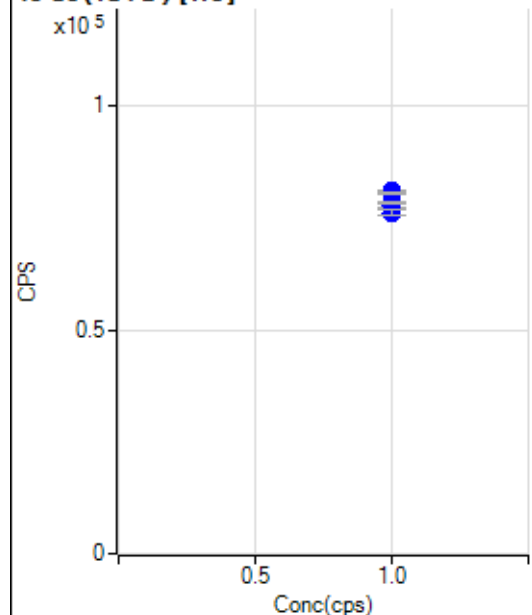
Min Conc: 0

6 Li (ISTD) [No Gas]

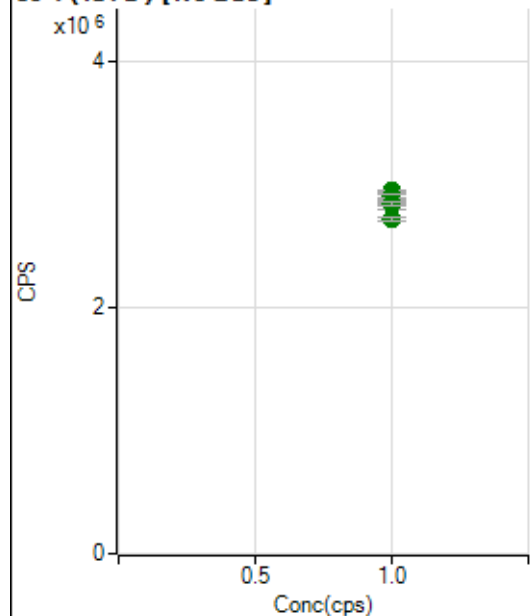
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		383588.51		P	0.2
2	☐	1.000		387721.40		P	0.8
3	☐	1.000		405753.92		P	1.0
4	☐	1.000		412789.56		P	0.7
5	☐	1.000		415597.92		P	0.5
6	☐	1.000		408213.50		P	1.7
7	☐	1.000		409134.17		P	2.0
8	☐	1.000		404203.47		P	1.7

45 Sc (ISTD) [No Gas]

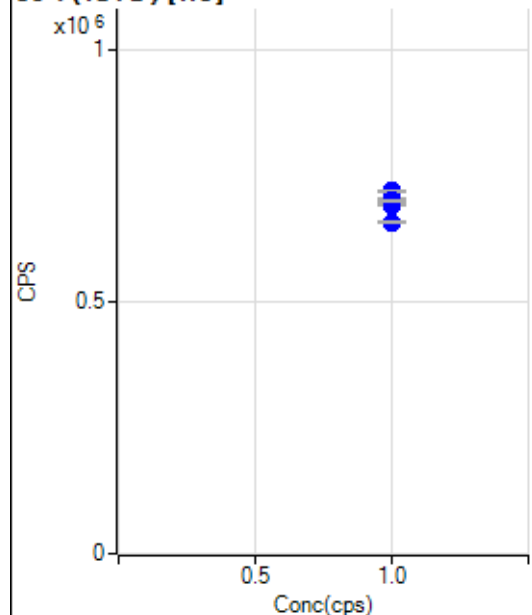
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1027318.73		P	0.3
2	☐	1.000		1033731.41		P	0.1
3	☐	1.000		1064516.48		P	0.3
4	☐	1.000		1058244.56		P	0.6
5	☐	1.000		1040815.65		P	0.3
6	☐	1.000		1006797.73		P	1.8
7	☐	1.000		1007931.62		P	1.4
8	☐	1.000		993411.28		P	0.5

45 Sc (ISTD) [He]

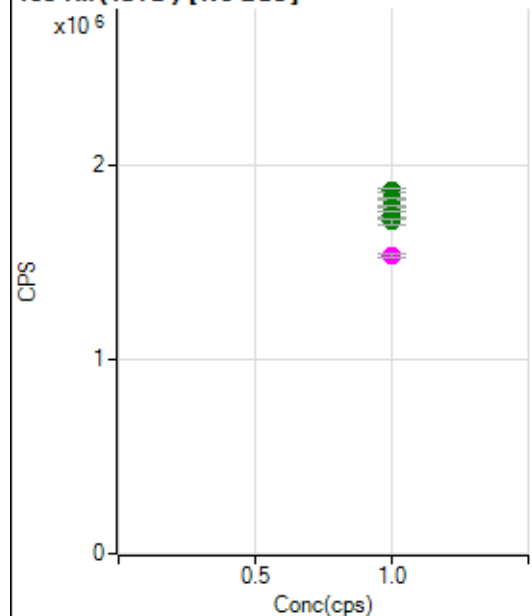
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		77727.78		P	1.4
2	☐	1.000		78527.23		P	0.7
3	☐	1.000		81068.41		P	0.4
4	☐	1.000		80486.33		P	0.7
5	☐	1.000		78219.12		P	0.5
6	☐	1.000		77208.55		P	0.8
7	☐	1.000		78278.23		P	0.4
8	☐	1.000		76259.27		P	1.4

89 Y (ISTD) [No Gas]

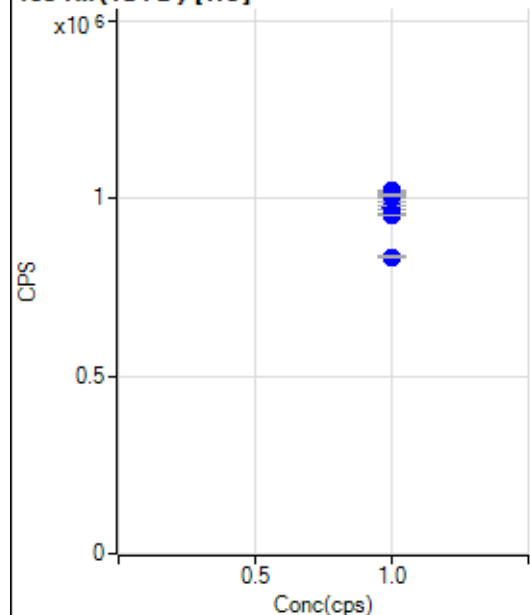
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2830798.74		A	0.3
2	☐	1.000		2862810.41		A	0.3
3	☐	1.000		2943005.44		A	0.2
4	☐	1.000		2933251.34		A	0.5
5	☐	1.000		2904494.71		A	0.8
6	☐	1.000		2833559.26		A	2.9
7	☐	1.000		2842840.51		A	1.0
8	☐	1.000		2719706.07		A	1.1

89 Y (ISTD) [He]

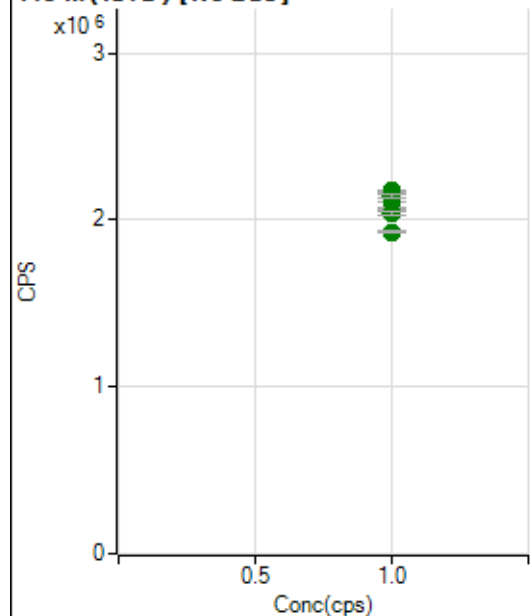
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		693719.45		P	0.5
2	☐	1.000		704662.71		P	0.4
3	☐	1.000		721438.32		P	0.1
4	☐	1.000		720456.59		P	0.5
5	☐	1.000		699311.92		P	0.8
6	☐	1.000		699226.24		P	0.7
7	☐	1.000		702130.95		P	0.6
8	☐	1.000		659407.92		P	1.0

103 Rh (ISTD) [No Gas]

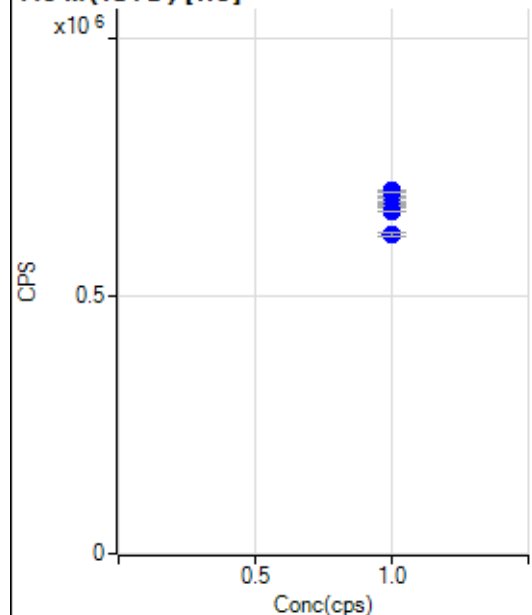
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1818249.28		A	0.2
2	☐	1.000		1828535.04		A	0.7
3	☐	1.000		1866283.93		A	0.9
4	☐	1.000		1825196.24		A	0.5
5	☐	1.000		1785469.90		A	0.7
6	☐	1.000		1744309.87		A	1.7
7	☐	1.000		1706764.98		A	2.0
8	☐	1.000		1532588.88		M	1.2

103 Rh (ISTD) [He]

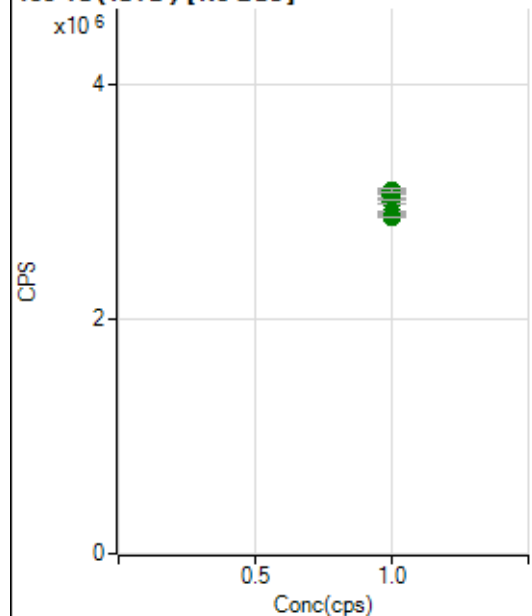
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		990047.71		P	0.3
2	☐	1.000		1003443.23		P	0.4
3	☐	1.000		1019988.14		P	0.2
4	☐	1.000		1008372.50		P	0.7
5	☐	1.000		973561.33		P	0.7
6	☐	1.000		957257.69		P	0.3
7	☐	1.000		951502.33		P	0.2
8	☐	1.000		834197.97		P	1.0

115 In (ISTD) [No Gas]

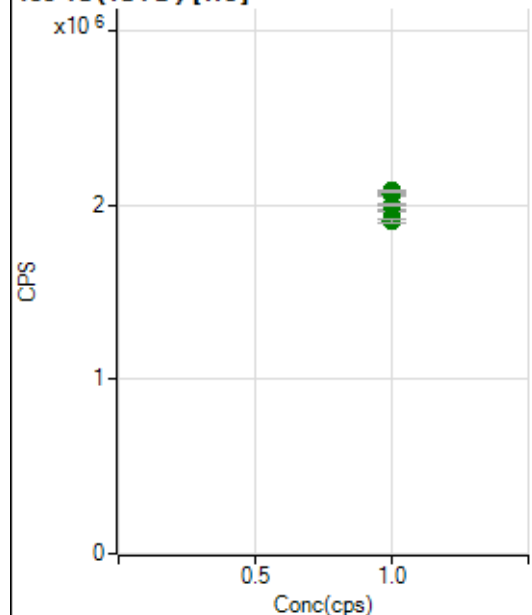
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2108873.11		A	0.1
2	☐	1.000		2128915.43		A	0.2
3	☐	1.000		2173616.21		A	0.7
4	☐	1.000		2155624.98		A	0.3
5	☐	1.000		2142959.48		A	0.9
6	☐	1.000		2069127.40		A	0.8
7	☐	1.000		2041639.76		A	1.2
8	☐	1.000		1929272.86		A	0.9

115 In (ISTD) [He]

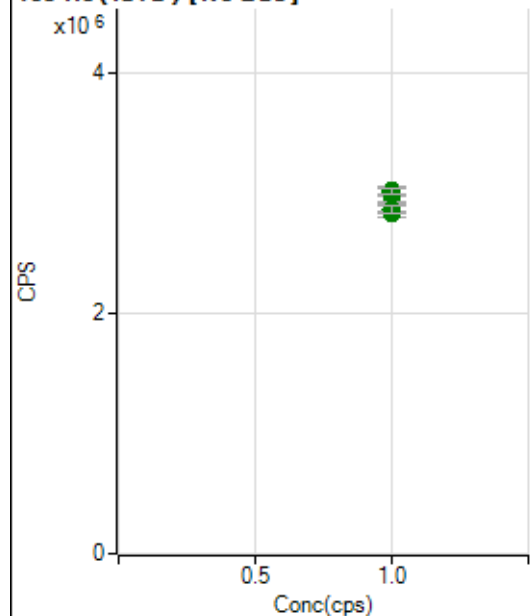
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		681224.02		P	0.5
2	☐	1.000		690952.68		P	0.5
3	☐	1.000		704140.42		P	0.1
4	☐	1.000		701859.83		P	0.4
5	☐	1.000		680670.01		P	0.9
6	☐	1.000		673353.61		P	0.5
7	☐	1.000		664531.84		P	0.2
8	☐	1.000		618754.02		P	1.0

159 Tb (ISTD) [No Gas]

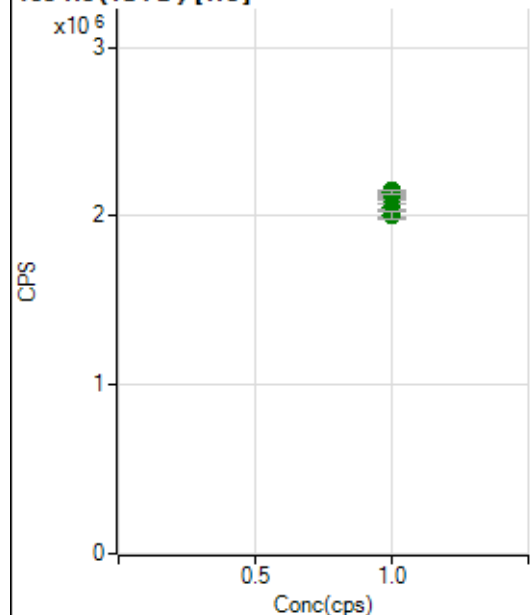
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2898905.86		A	1.4
2	☐	1.000		2904751.73		A	0.4
3	☐	1.000		3000007.49		A	0.6
4	☐	1.000		3044897.07		A	1.0
5	☐	1.000		3080829.95		A	1.0
6	☐	1.000		3061007.73		A	2.4
7	☐	1.000		3092715.75		A	1.2
8	☐	1.000		2870421.17		A	0.4

159 Tb (ISTD) [He]

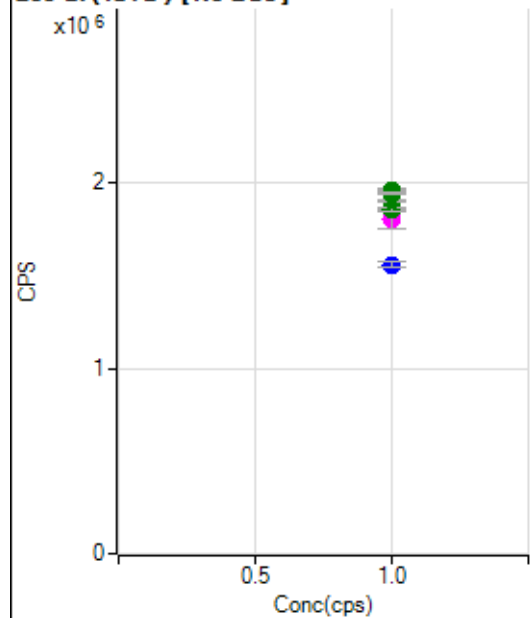
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1971444.05		A	0.6
2	☐	1.000		2004506.93		A	0.3
3	☐	1.000		2062926.74		A	1.3
4	☐	1.000		2072829.79		A	0.2
5	☐	1.000		2062079.88		A	1.2
6	☐	1.000		2075107.50		A	0.1
7	☐	1.000		2084197.64		A	0.5
8	☐	1.000		1912068.17		A	1.2

165 Ho (ISTD) [No Gas]

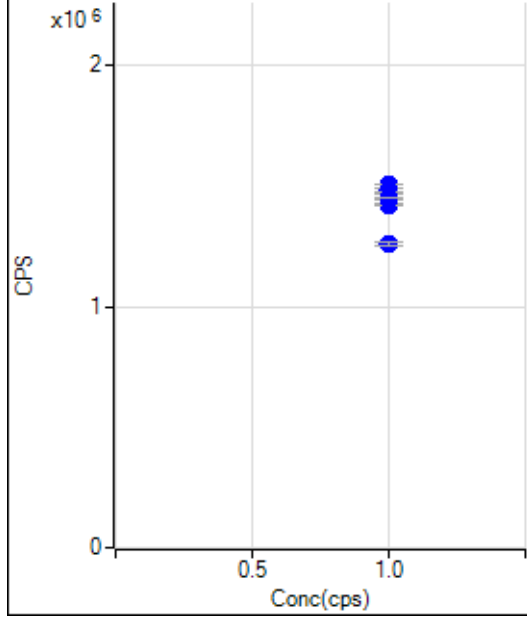
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2831116.00		A	1.7
2	☐	1.000		2833784.78		A	0.2
3	☐	1.000		2920559.58		A	1.0
4	☐	1.000		2993297.63		A	0.2
5	☐	1.000		2996029.99		A	0.3
6	☐	1.000		3019566.41		A	2.7
7	☐	1.000		3016700.65		A	1.3
8	☐	1.000		2863904.37		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2008644.78		A	1.4
2	☐	1.000		2054344.40		A	1.5
3	☐	1.000		2102561.46		A	0.8
4	☐	1.000		2149155.68		A	0.6
5	☐	1.000		2103318.20		A	0.5
6	☐	1.000		2131383.35		A	1.7
7	☐	1.000		2142978.85		A	1.3
8	☐	1.000		2004027.09		A	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1800883.32		M	5.5
2	☐	1.000		1858584.33		A	1.1
3	☐	1.000		1904144.52		A	0.8
4	☐	1.000		1951113.19		A	1.7
5	☐	1.000		1955790.44		A	0.7
6	☐	1.000		1952198.79		A	1.0
7	☐	1.000		1942689.81		A	1.0
8	☐	1.000		1558194.61		P	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1423989.35		P	0.2
2	☐	1.000		1447831.94		P	0.5
3	☐	1.000		1490410.78		P	0.2
4	☐	1.000		1505854.31		P	0.2
5	☐	1.000		1482654.61		P	0.8
6	☐	1.000		1474861.40		P	0.4
7	☐	1.000		1452776.85		P	0.5
8	☐	1.000		1261629.06		P	0.9