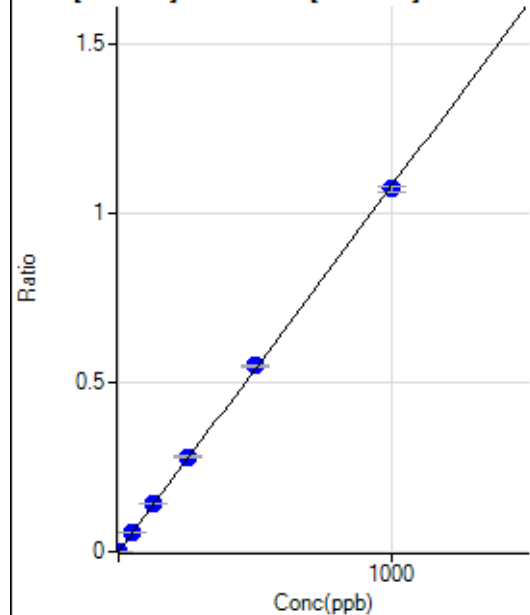


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101924-MS.b\
Analysis File: P7101924-MS.batch.bin
DA Date-Time: 2024-10-19 20:32:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-19 12:30:07
2	005CALS.d	S02	2024-10-19 12:33:29
3	006CALS.d	S03	2024-10-19 12:36:54
4	007CALS.d	S04	2024-10-19 12:40:12
5	008CALS.d	S05	2024-10-19 12:43:21
6	009CALS.d	S06	2024-10-19 12:46:25
7	010CALS.d	S07	2024-10-19 12:49:23
8	011CALS.d	S08	2024-10-19 12:52:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0001	P	25.2
2	☐	1.000	1.064	637.80	0.0012	P	6.5
3	☐	50.000	53.534	30209.36	0.0579	P	1.1
4	☐	125.000	131.782	73867.45	0.1425	P	0.8
5	☐	250.000	259.980	143123.05	0.2811	P	0.6
6	☐	500.000	507.739	278783.14	0.5490	P	1.7
7	☐	1000.000	992.611	540729.42	1.0733	P	1.6
8	☐			302.23	0.0006	P	23.4

$$y = 0.0011 * x + 5.0721E-005$$

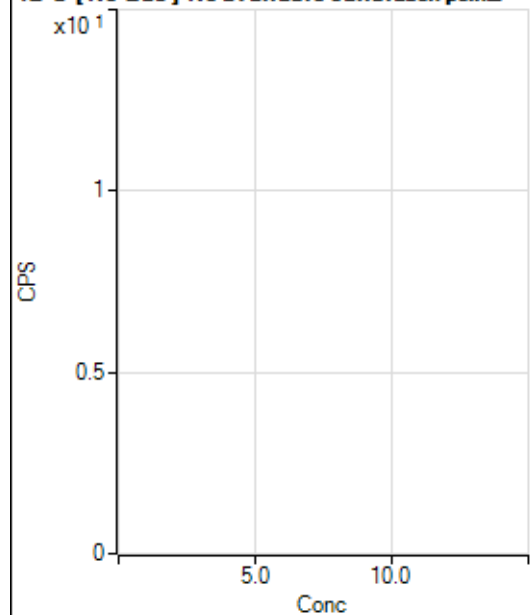
$$R = 0.9999$$

$$DL = 0.03542$$

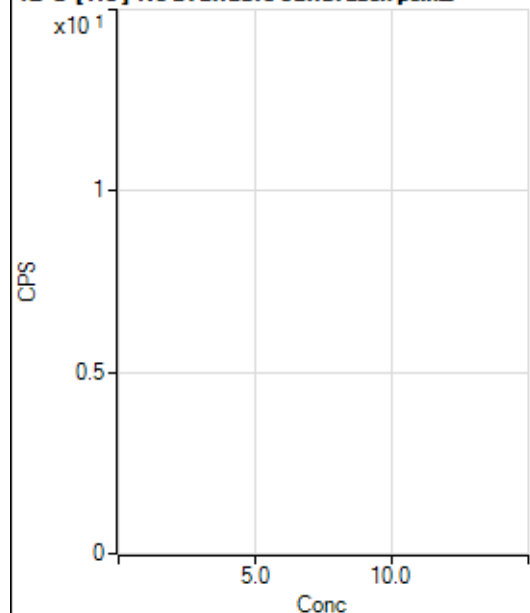
$$BEC = 0.04691$$

Weight: <None>

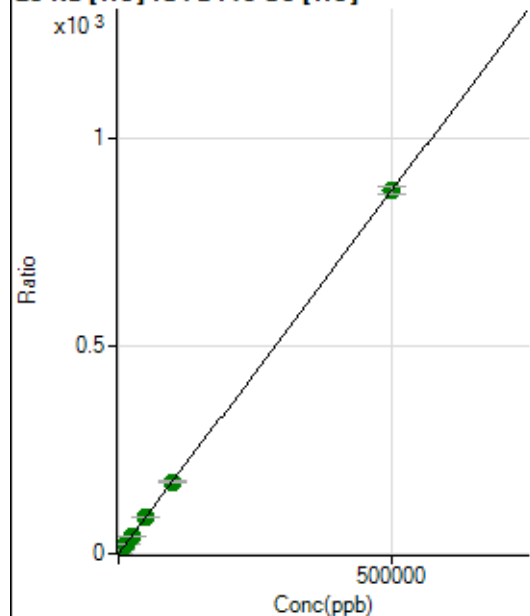
Min Conc: 0

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	8642.50	0.0664	P	1.8
2	☐	500.000	504.157	123681.43	0.9479	P	1.5
3	☐	5000.000	4936.419	1112137.84	8.6967	A	1.8
4	☐	12500.000	12322.728	2755776.62	21.6102	A	1.7
5	☐	25000.000	24757.546	5343657.63	43.3499	A	1.0
6	☐	50000.000	49862.464	10596387.41	87.2407	A	1.8
7	☐	100000.00	99267.936	21577915.79	173.6160	A	0.5
8	☐	500000.00	500177.35	107304292.8	874.5236	A	2.1

$$y = 0.0017 * x + 0.0664$$

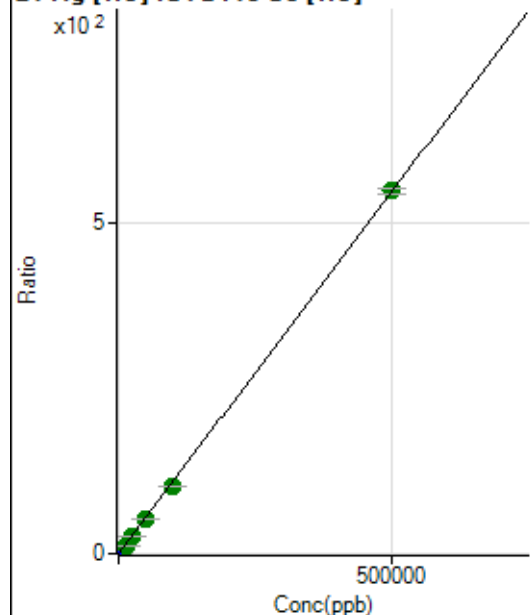
$$R = 1.0000$$

$$DL = 2.101$$

$$BEC = 38$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1236.73	0.0095	P	8.0
2	☐	500.000	512.382	74402.03	0.5702	P	0.8
3	☐	5000.000	4939.493	692373.93	5.4143	P	0.5
4	☐	12500.000	11829.927	1652109.84	12.9539	A	1.0
5	☐	25000.000	23695.369	3197137.90	25.9372	A	1.4
6	☐	50000.000	47427.060	6304694.35	51.9045	A	1.2
7	☐	100000.00	93122.884	12665118.84	101.9052	A	1.0
8	☐	500000.00	501715.29	67369305.11	548.9901	A	1.4

$$y = 0.0011 * x + 0.0095$$

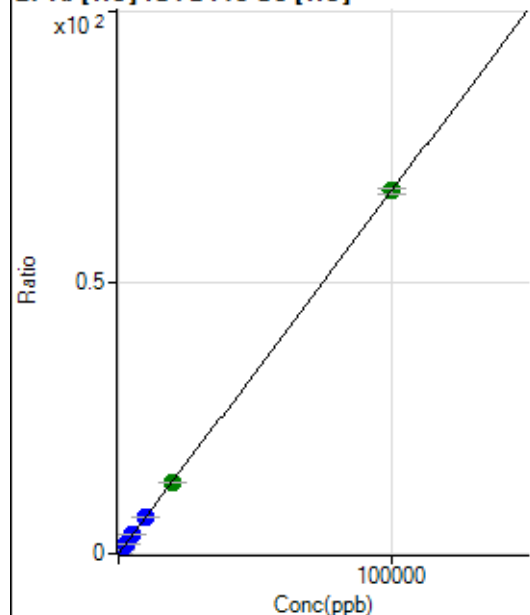
$$R = 0.9999$$

$$DL = 2.075$$

$$BEC = 8.69$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.34	0.0020	P	7.6
2	☐	20.000	18.533	1880.13	0.0144	P	1.4
3	☐	1000.000	1055.977	90472.03	0.7075	P	0.6
4	☐	2500.000	2537.360	216430.66	1.6971	P	1.6
5	☐	5000.000	5118.032	421731.58	3.4212	P	0.7
6	☐	10000.000	10193.648	827457.95	6.8120	P	0.8
7	☐	20000.000	19753.709	1640414.49	13.1987	A	0.3
8	☐	100000.00	100022.49	8199374.94	66.8232	A	1.9

$$y = 6.6806E-004 * x + 0.0020$$

$$R = 1.0000$$

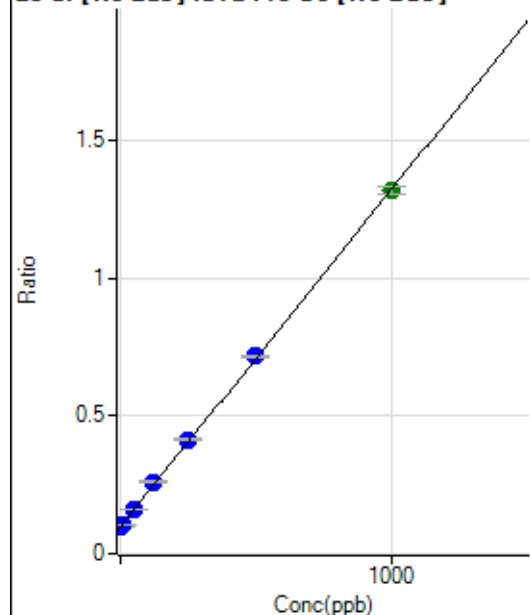
$$DL = 0.6947$$

$$BEC = 3.032$$

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	121576.06	0.0963	P	1.1
2	☐	10.000	5.396	129843.69	0.1029	P	0.8
3	☐	50.000	53.618	203270.81	0.1620	P	0.4
4	☐	125.000	134.591	318887.30	0.2613	P	0.4
5	☐	250.000	257.969	505351.93	0.4125	P	1.5
6	☐	500.000	505.075	862617.24	0.7154	P	1.1
7	☐	1000.000	994.137	1565307.68	1.3149	A	2.0
8	☐			132072.51	0.1122	P	0.6

$$y = 0.0012 * x + 0.0963$$

$$R = 0.9999$$

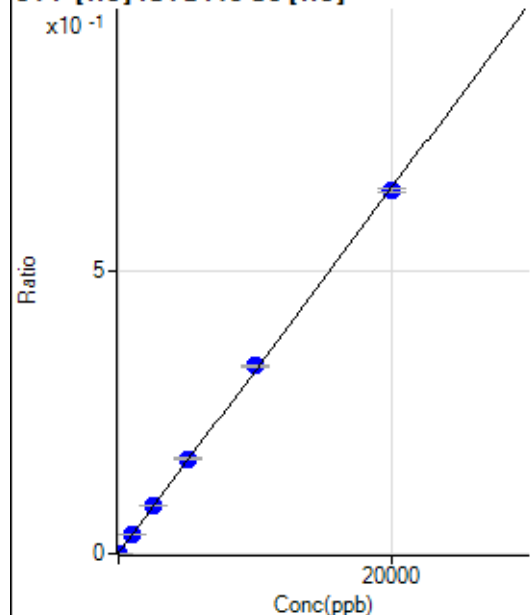
$$DL = 2.645$$

$$BEC = 78.55$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.440	107.78	0.0008	P	11.7
2	☐	0.000	11.440	204.45	0.0016	P	7.0
3	☐	1000.000	1029.703	4397.34	0.0344	P	2.5
4	☐	2500.000	2620.324	10922.86	0.0857	P	1.9
5	☐	5000.000	5138.289	20561.66	0.1668	P	1.5
6	☐	10000.000	10235.023	40219.36	0.3311	P	0.4
7	☐	20000.000	19831.391	79588.64	0.6404	P	1.0
8	☐			130.00	0.0011	P	24.3

$$y = 3.2231E-005 * x + 0.0012$$

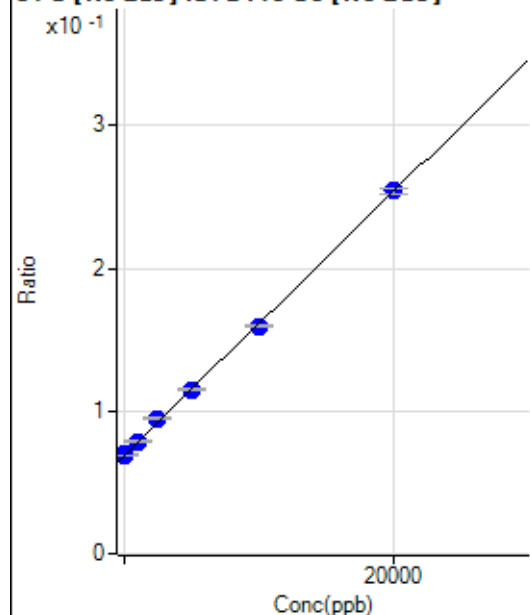
$$R = 0.9999$$

$$DL = 9.568$$

$$BEC = 37.16$$

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	52.774	87698.44	0.0695	P	1.7
2	☐	0.000	-52.774	86413.53	0.0685	P	0.7
3	☐	1000.000	1063.066	98844.83	0.0788	P	1.1
4	☐	2500.000	2806.628	115796.66	0.0949	P	1.1
5	☐	5000.000	4999.699	141045.70	0.1151	P	0.6
6	☐	10000.000	9803.576	192286.06	0.1595	P	0.5
7	☐	20000.000	20056.805	302506.96	0.2541	P	1.8
8	☐			77004.75	0.0654	P	1.3

$$y = 9.2308\text{E-}006 * x + 0.0690$$

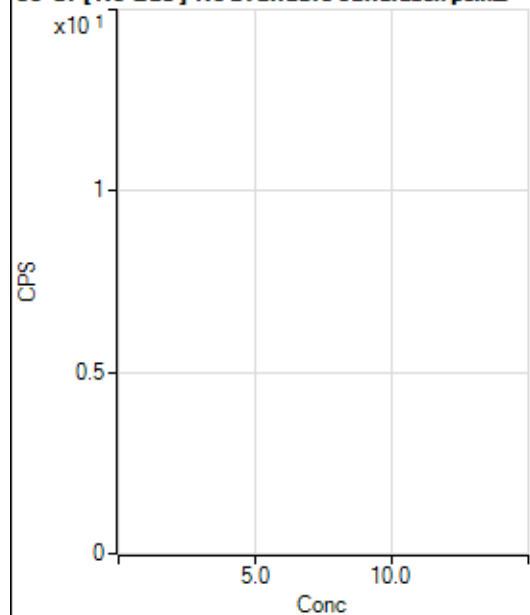
$$R = 0.9998$$

$$DL = 270.6$$

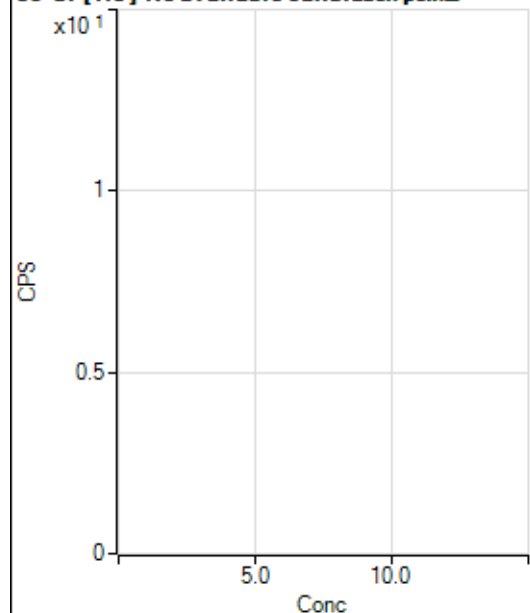
$$BEC = 7472$$

Weight: <None>

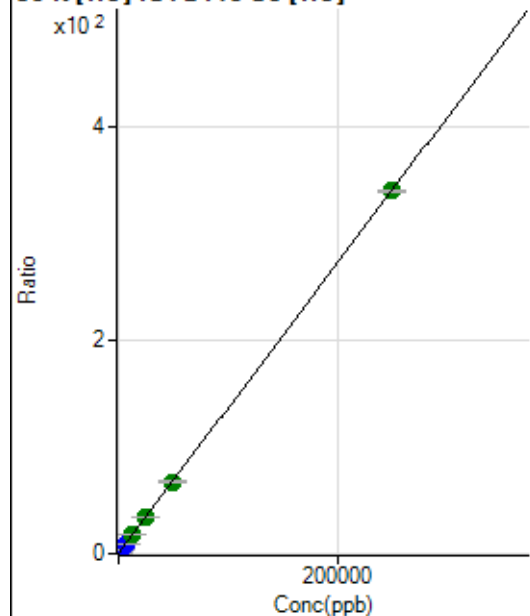
Min Conc: 0

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	33467.89	0.2573	P	1.6
2	☐	500.000	523.965	126596.52	0.9701	P	0.7
3	☐	2500.000	2740.884	509748.01	3.9862	P	0.4
4	☐	6250.000	6742.857	1202656.92	9.4308	P	1.6
5	☐	12500.000	12705.687	2162574.79	17.5431	A	1.5
6	☐	25000.000	25282.577	4209106.92	34.6537	A	1.7
7	☐	50000.000	49533.890	8407533.07	67.6471	A	1.5
8	☐	250000.00	250039.90	41777350.49	340.4314	A	0.9

$$y = 0.0014 * x + 0.2573$$

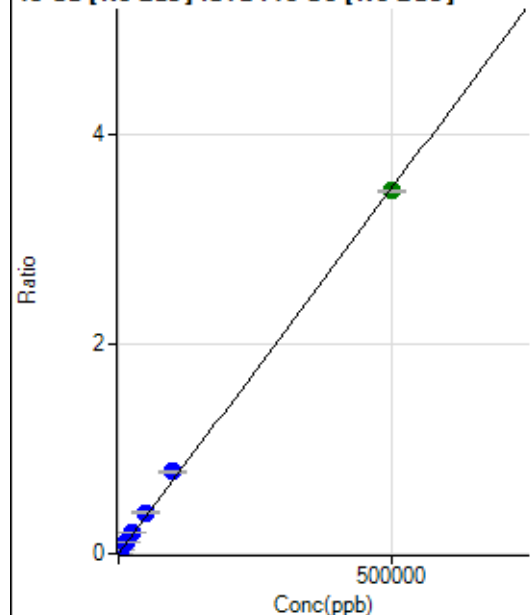
$$R = 1.0000$$

$$DL = 9.358$$

$$BEC = 189.1$$

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	158.89	0.0001	P	11.9
2	☐	500.000	529.781	4811.93	0.0038	P	1.8
3	☐	5000.000	5854.521	51289.60	0.0409	P	1.2
4	☐	12500.000	14700.937	125041.97	0.1025	P	1.4
5	☐	25000.000	28296.634	241465.04	0.1971	P	1.3
6	☐	50000.000	56501.322	474379.08	0.3934	P	1.0
7	☐	100000.00	112365.22	931232.24	0.7823	P	2.2
8	☐	500000.00	496648.39	4070365.56	3.4573	A	0.4

$$y = 6.9609\text{E-}006 * x + 1.2587\text{E-}004$$

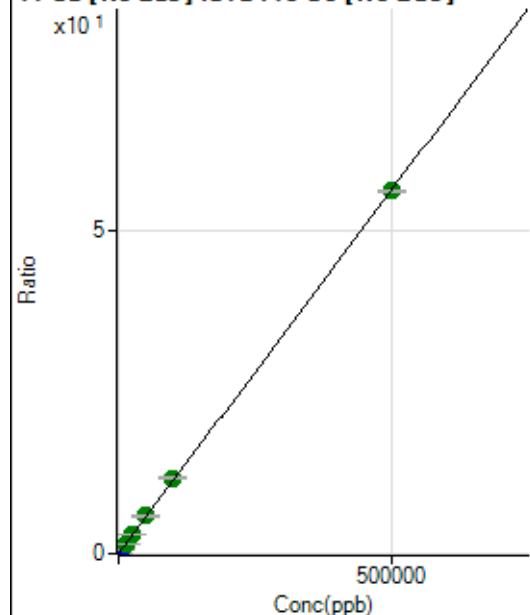
$$R = 0.9996$$

$$DL = 6.445$$

$$BEC = 18.08$$

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	3958.35	0.0031	P	4.9
2	☐	500.000	533.442	79644.22	0.0631	P	1.5
3	☐	5000.000	5666.018	803346.53	0.6403	P	0.1
4	☐	12500.000	13387.002	1841100.69	1.5086	A	1.2
5	☐	25000.000	25934.137	3576801.34	2.9195	A	0.8
6	☐	50000.000	51563.925	6995635.45	5.8017	A	0.6
7	☐	100000.00	103650.98	13879132.16	11.6591	A	2.0
8	☐	500000.00	499037.83	66074335.68	56.1218	A	0.8

$$y = 1.1245\text{E-}004 * x + 0.0031$$

$$R = 1.0000$$

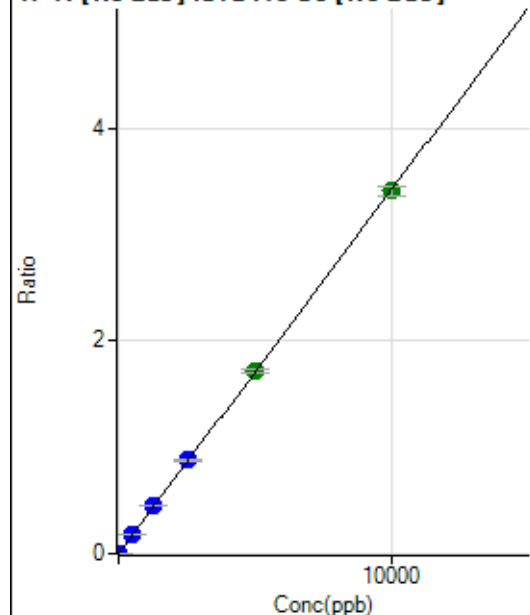
$$DL = 4.078$$

$$BEC = 27.87$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.22	0.0000	P	6.4
2	☐	5.000	4.866	2130.17	0.0017	P	9.9
3	☐	500.000	528.275	226556.45	0.1806	P	0.6
4	☐	1250.000	1323.589	552144.73	0.4524	P	0.6
5	☐	2500.000	2567.059	1074890.97	0.8774	P	0.9
6	☐	5000.000	5004.921	2062520.72	1.7106	A	2.0
7	☐	10000.000	9970.162	4056355.01	3.4076	A	2.4
8	☐			598.91	0.0005	P	7.1

$$y = 3.4178\text{E-}004 * x + 2.5523\text{E-}005$$

$$R = 1.0000$$

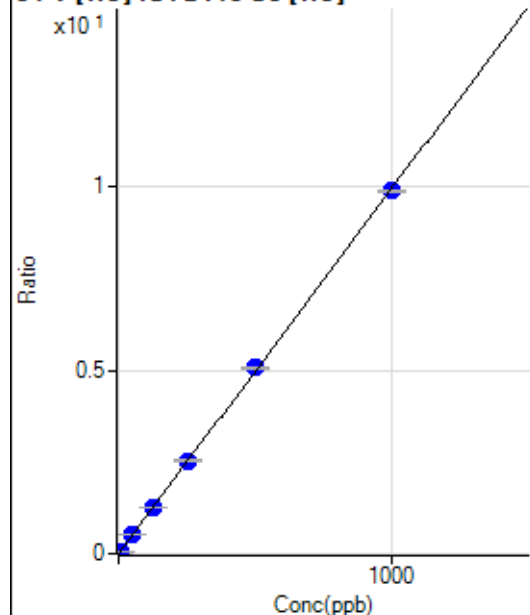
$$DL = 0.01437$$

$$BEC = 0.07468$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	5.000	5.058	6572.59	0.0504	P	0.9
3	☐	50.000	51.333	65335.04	0.5109	P	0.5
4	☐	125.000	125.991	159908.96	1.2539	P	1.5
5	☐	250.000	253.650	311170.29	2.5244	P	1.7
6	☐	500.000	508.786	615092.69	5.0637	P	0.7
7	☐	1000.000	994.504	1230138.76	9.8977	P	0.5
8	☐			403.34	0.0033	P	7.4

$$y = 0.0100 * x + 2.5916\text{E-}005$$

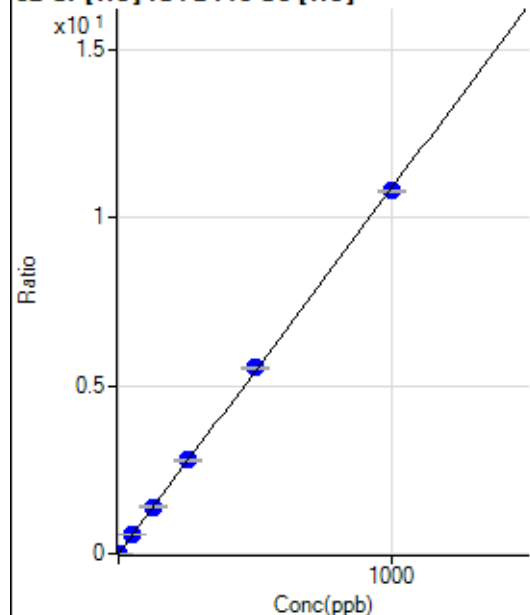
$$R = 0.9999$$

$$DL = 0.01353$$

$$BEC = 0.002604$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.56	0.0017	P	2.7
2	☐	2.000	2.104	3207.04	0.0246	P	0.3
3	☐	50.000	51.951	72343.35	0.5657	P	0.6
4	☐	125.000	127.913	177304.99	1.3904	P	1.7
5	☐	250.000	255.473	342072.22	2.7751	P	1.7
6	☐	500.000	509.995	672716.53	5.5382	P	1.1
7	☐	1000.000	993.172	1340247.34	10.7836	P	0.4
8	☐			5148.48	0.0418	P	24.9

$$y = 0.0109 * x + 0.0017$$

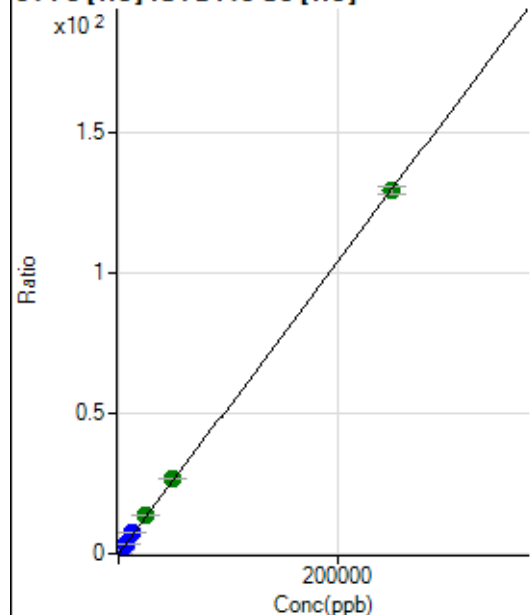
$$R = 0.9999$$

$$DL = 0.01309$$

$$BEC = 0.1597$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	857.81	0.0066	P	7.6
2	☐	50.000	55.091	4581.85	0.0351	P	2.8
3	☐	2500.000	2863.332	190430.65	1.4891	P	1.1
4	☐	6250.000	7030.508	465048.36	3.6468	P	1.6
5	☐	12500.000	14021.272	895692.84	7.2663	P	1.3
6	☐	25000.000	26780.312	1685035.79	13.8726	A	1.4
7	☐	50000.000	52028.583	3348939.05	26.9453	A	0.4
8	☐	250000.00	249317.04	15840140.46	129.0948	A	1.9

$$y = 5.1777E-004 * x + 0.0066$$

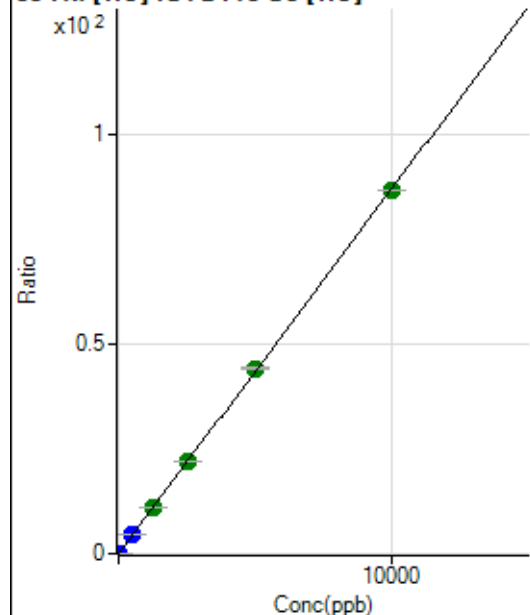
$$R = 0.9999$$

$$DL = 2.915$$

$$BEC = 12.73$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.22	0.0013	P	25.6
2	☐	1.000	1.015	1324.52	0.0101	P	5.9
3	☐	500.000	525.757	584385.55	4.5699	P	0.3
4	☐	1250.000	1258.613	1394878.82	10.9379	A	1.5
5	☐	2500.000	2539.221	2720026.00	22.0657	A	0.8
6	☐	5000.000	5071.229	5352890.68	44.0674	A	0.8
7	☐	10000.000	9952.216	10748343.04	86.4803	A	0.2
8	☐			6402.53	0.0522	P	3.2

$$y = 0.0087 * x + 0.0013$$

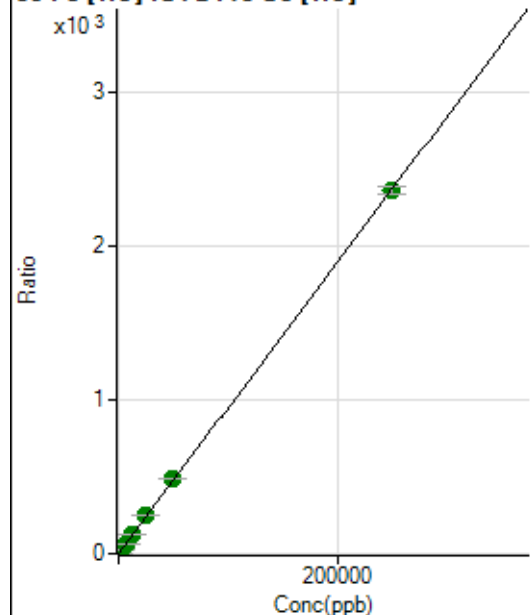
$$R = 1.0000$$

$$DL = 0.1173$$

$$BEC = 0.1526$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5336.55	0.0410	P	2.0
2	☐	50.000	55.587	73862.17	0.5661	P	1.7
3	☐	2500.000	2716.793	3286715.02	25.7018	A	0.8
4	☐	6250.000	6622.159	7982302.66	62.5890	A	0.9
5	☐	12500.000	13326.209	15520548.10	125.9105	A	1.2
6	☐	25000.000	26691.968	30628207.04	252.1535	A	1.3
7	☐	50000.000	51772.035	60780045.20	489.0413	A	1.0
8	☐	250000.00	249423.61	289072006.8	2,355.911	A	2.1

$$y = 0.0094 * x + 0.0410$$

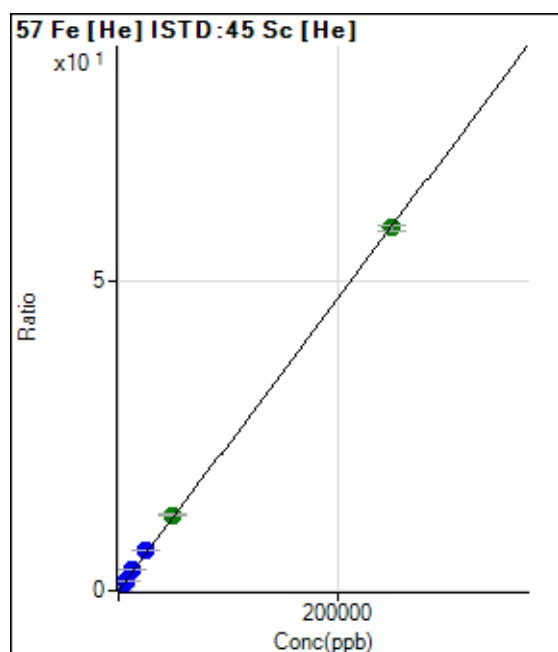
$$R = 1.0000$$

$$DL = 0.257$$

$$BEC = 4.344$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	620.02	0.0048	P	13.3
2	☐	50.000	57.692	2394.66	0.0184	P	1.1
3	☐	2500.000	2863.795	86818.82	0.6789	P	0.5
4	☐	6250.000	7022.187	211412.80	1.6578	P	1.7
5	☐	12500.000	14025.201	407571.98	3.3064	P	1.0
6	☐	25000.000	27965.032	800204.77	6.5879	P	1.3
7	☐	50000.000	52000.375	1521972.89	12.2460	A	1.8
8	☐	250000.00	249204.21	7199149.41	58.6689	A	1.5

$$y = 2.3541\text{E-}004 * x + 0.0048$$

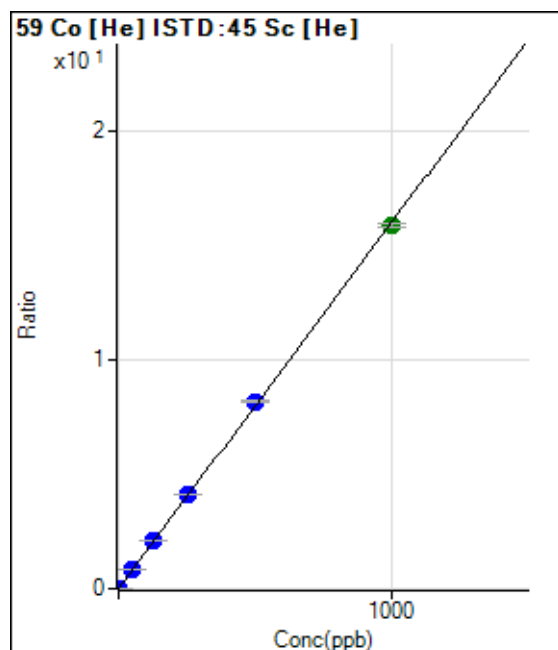
$$R = 0.9999$$

$$DL = 8.082$$

$$BEC = 20.26$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0002	P	23.8
2	☐	1.000	1.113	2345.76	0.0180	P	1.9
3	☐	50.000	53.199	108760.16	0.8505	P	1.2
4	☐	125.000	130.289	265600.46	2.0827	P	1.6
5	☐	250.000	257.895	508141.18	4.1224	P	1.6
6	☐	500.000	511.842	993811.17	8.1816	P	1.0
7	☐	1000.000	991.284	1969275.85	15.8451	A	1.1
8	☐			5229.85	0.0426	P	1.3

$$y = 0.0160 * x + 1.7912\text{E-}004$$

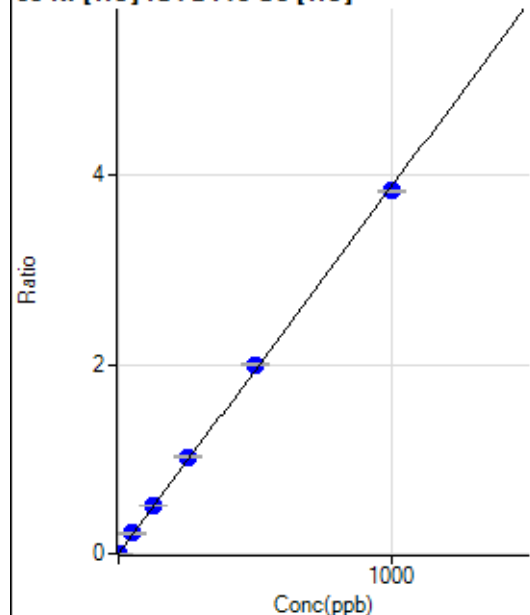
$$R = 0.9999$$

$$DL = 0.00801$$

$$BEC = 0.01121$$

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	138.89	0.0011	P	21.5
2	☐	1.000	1.193	742.25	0.0057	P	8.1
3	☐	50.000	54.936	27362.82	0.2140	P	0.9
4	☐	125.000	132.096	65420.64	0.5130	P	1.8
5	☐	250.000	262.533	125548.42	1.0185	P	1.6
6	☐	500.000	514.806	242482.30	1.9962	P	1.0
7	☐	1000.000	988.330	476188.99	3.8314	P	0.6
8	☐			1959.03	0.0160	P	7.0

$$y = 0.0039 * x + 0.0011$$

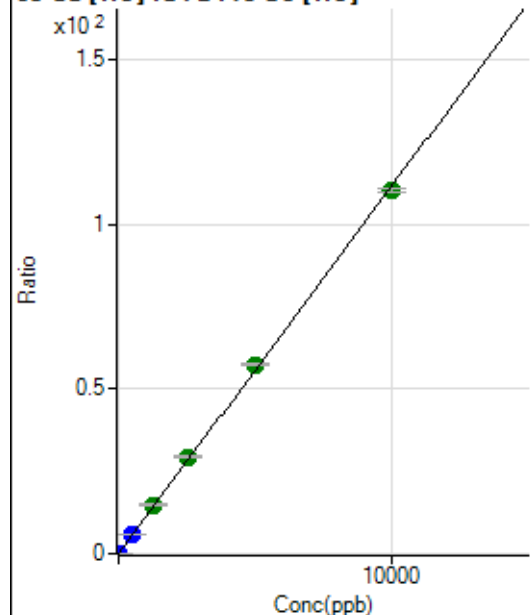
$$R = 0.9997$$

$$DL = 0.1776$$

$$BEC = 0.2757$$

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	826.70	0.0064	P	10.7
2	☐	2.000	1.873	3558.24	0.0273	P	2.2
3	☐	500.000	531.439	759102.05	5.9361	P	0.7
4	☐	1250.000	1324.567	1885444.12	14.7857	A	2.0
5	☐	2500.000	2633.301	3622612.17	29.3884	A	1.1
6	☐	5000.000	5154.576	6987511.84	57.5204	A	0.2
7	☐	10000.000	9878.494	13699607.99	110.2293	A	1.2
8	☐			3716.05	0.0303	P	0.8

$$y = 0.0112 * x + 0.0064$$

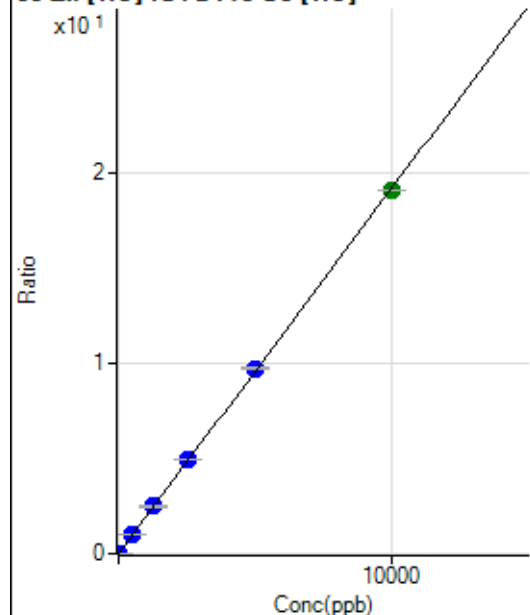
$$R = 0.9997$$

$$DL = 0.1836$$

$$BEC = 0.5699$$

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	150.00	0.0012	P	7.7
2	☐	2.000	4.936	1383.41	0.0106	P	3.4
3	☐	500.000	524.915	128660.51	1.0061	P	0.5
4	☐	1250.000	1292.190	315608.45	2.4751	P	2.2
5	☐	2500.000	2579.216	608825.36	4.9391	P	1.3
6	☐	5000.000	5072.551	1179780.64	9.7127	P	1.1
7	☐	10000.000	9937.400	2364735.64	19.0265	A	0.2
8	☐			3388.19	0.0276	P	5.0

$$y = 0.0019 * x + 0.0012$$

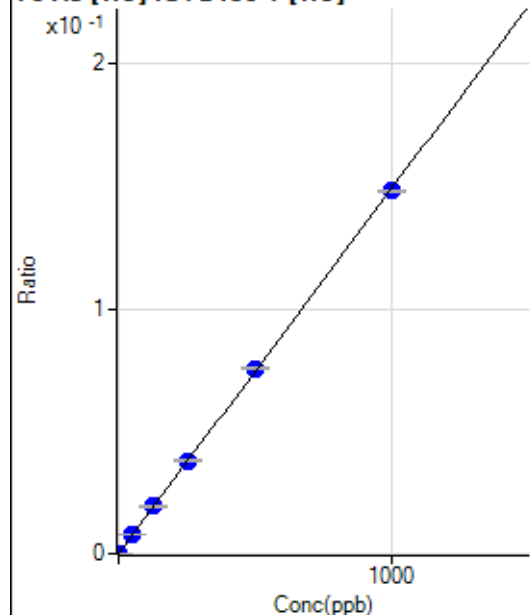
$$R = 0.9999$$

$$DL = 0.1383$$

$$BEC = 0.6022$$

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	2.22	0.0000	P	173.
2	☐	1.000	1.005	184.45	0.0002	P	13.1
3	☐	50.000	52.055	9309.67	0.0078	P	0.8
4	☐	125.000	129.591	23044.65	0.0193	P	1.5
5	☐	250.000	254.327	44135.46	0.0379	P	1.2
6	☐	500.000	508.281	87049.87	0.0757	P	0.9
7	☐	1000.000	994.101	172374.42	0.1481	P	0.8
8	☐			87.78	0.0001	P	13.2

$$y = 1.4896E-004 * x + 1.8472E-006$$

$$R = 0.9999$$

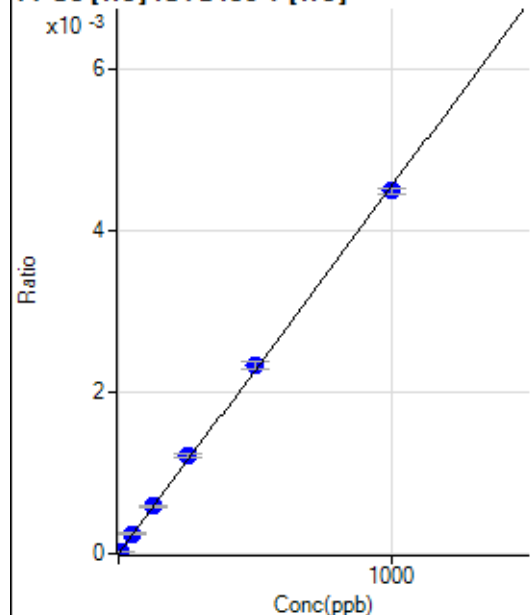
$$DL = 0.06444$$

$$BEC = 0.0124$$

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	3.826	21.11	0.0000	P	51.4
3	☐	50.000	54.818	298.89	0.0002	P	10.7
4	☐	125.000	129.324	701.14	0.0006	P	3.1
5	☐	250.000	267.687	1416.75	0.0012	P	3.6
6	☐	500.000	514.117	2684.71	0.0023	P	3.6
7	☐	1000.000	987.744	5222.07	0.0045	P	1.3
8	☐			1.11	0.0000	P	173.

$$y = 4.5417\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

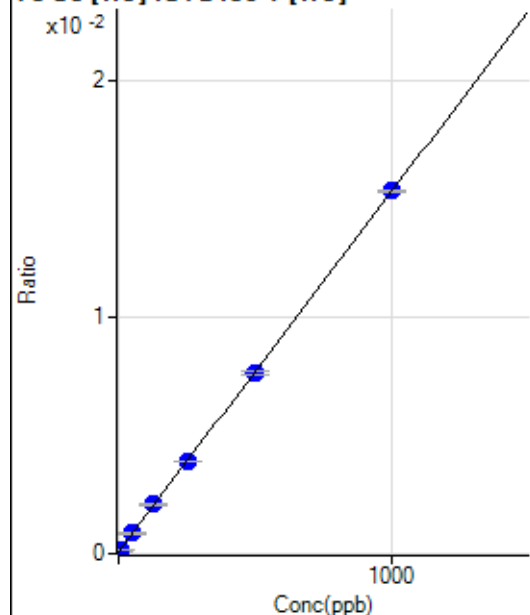
$$DL = 0$$

$$BEC = 0$$

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	131.11	0.0001	P	23.8
2	☐	5.000	4.987	224.45	0.0002	P	7.9
3	☐	50.000	49.532	1033.38	0.0009	P	5.8
4	☐	125.000	131.397	2511.35	0.0021	P	3.6
5	☐	250.000	248.358	4520.73	0.0039	P	0.8
6	☐	500.000	496.232	8789.35	0.0076	P	2.4
7	☐	1000.000	1001.518	17831.97	0.0153	P	0.3
8	☐			82.22	0.0001	P	8.5

$$y = 1.5186\text{E-}005 * x + 1.0874\text{E-}004$$

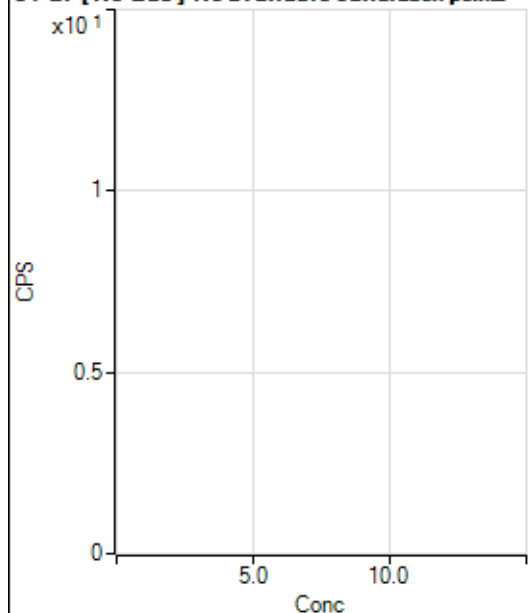
$$R = 1.0000$$

$$DL = 5.11$$

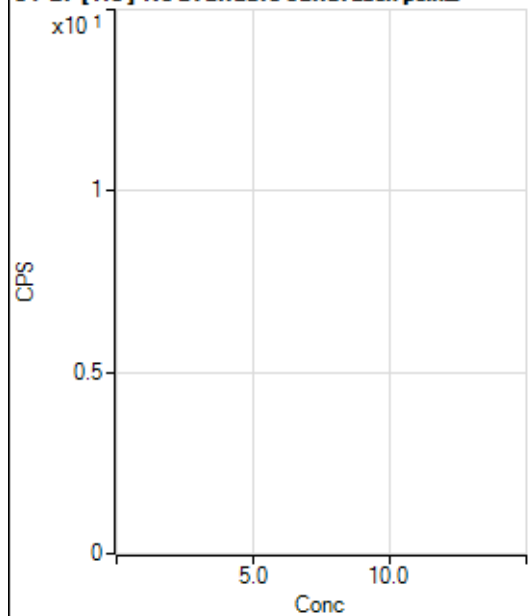
$$BEC = 7.16$$

Weight: <None>

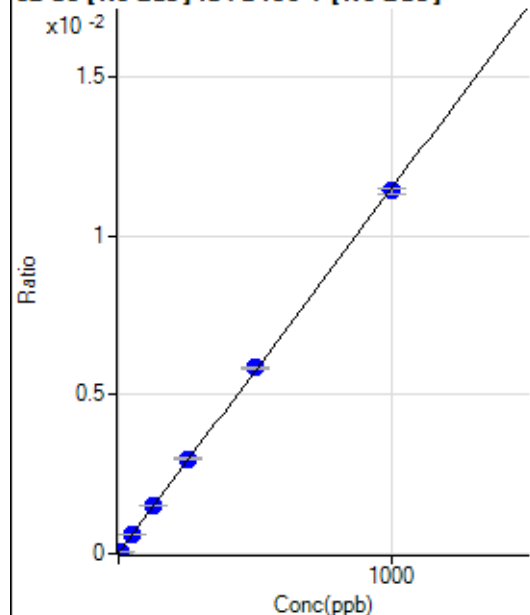
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6372.55		P	2.6
2	☐			6373.66		P	5.8
3	☐			6404.78		P	4.7
4	☐			6296.96		P	0.2
5	☐			6174.69		P	5.2
6	☐			5748.95		P	1.6
7	☐			5653.36		P	1.8
8	☐			5635.57		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	13.9
2	☐			36.67		P	24.0
3	☐			13.33		P	86.6
4	☐			23.34		P	24.7
5	☐			25.56		P	7.5
6	☐			20.00		P	28.9
7	☐			20.00		P	0.0
8	☐			36.67		P	24.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.65	0.0000	P	4.3
2	☐	5.000	5.115	360.95	0.0001	P	8.4
3	☐	50.000	52.147	2675.65	0.0006	P	3.8
4	☐	125.000	128.551	6488.22	0.0015	P	1.3
5	☐	250.000	258.274	12501.81	0.0030	P	1.7
6	☐	500.000	508.230	24292.35	0.0059	P	1.0
7	☐	1000.000	993.265	47098.74	0.0114	P	1.7
8	☐			133.29	0.0000	P	24.5

$$y = 1.1475E-005 * x + 2.4287E-005$$

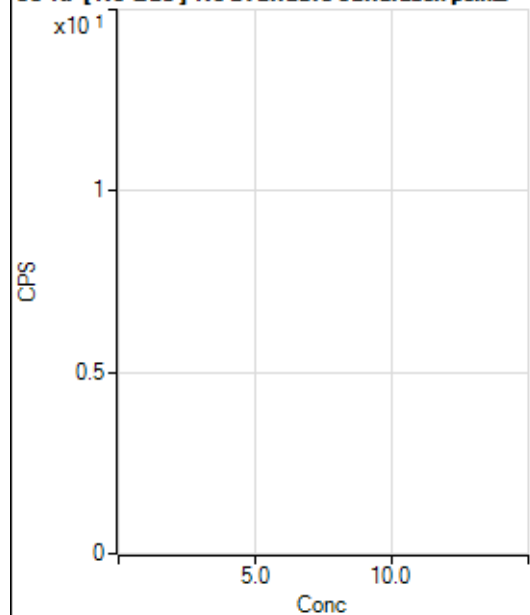
$$R = 0.9999$$

$$DL = 0.2721$$

$$BEC = 2.116$$

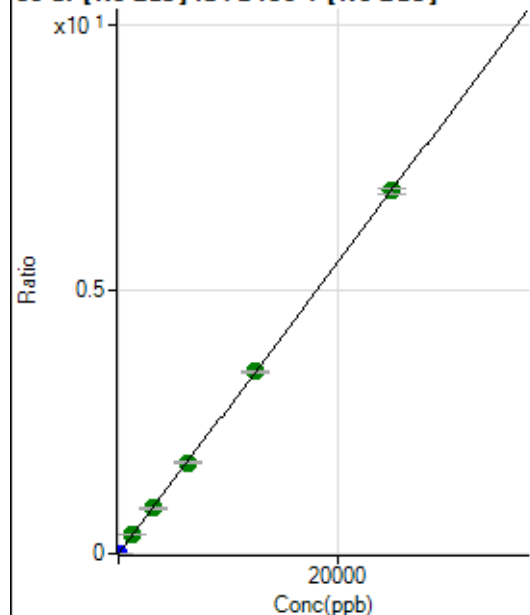
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			56.67		P	15.6
2	☐			63.33		P	24.1
3	☐			60.00		P	5.5
4	☐			73.33		P	28.4
5	☐			64.45		P	10.8
6	☐			70.00		P	46.9
7	☐			65.55		P	10.6
8	☐			81.11		P	29.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.78	0.0000	P	12.7
2	☐	1.000	1.016	1352.30	0.0003	P	3.3
3	☐	1250.000	1272.190	1501396.89	0.3494	A	1.8
4	☐	3125.000	3123.997	3712072.65	0.8579	A	1.5
5	☐	6250.000	6270.093	7203783.16	1.7218	A	1.2
6	☐	12500.000	12519.310	14260438.54	3.4378	A	0.3
7	☐	25000.000	24984.338	28290113.75	6.8607	A	1.5
8	☐			4719.70	0.0012	P	3.5

$$y = 2.7460\text{E-}004 * x + 3.1993\text{E-}005$$

$$R = 1.0000$$

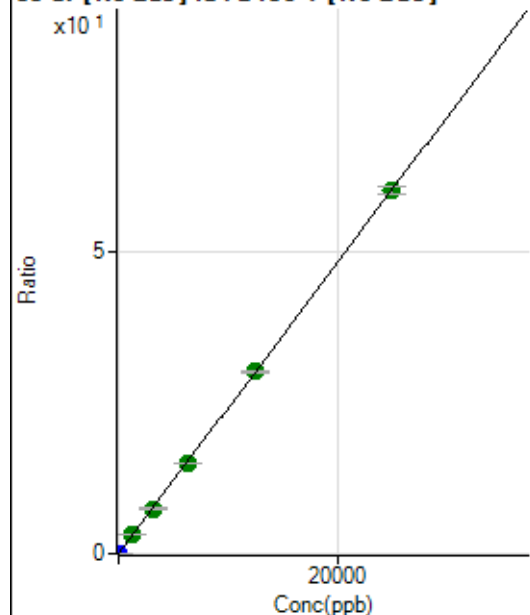
$$DL = 0.04431$$

$$BEC = 0.1165$$

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	251.12	0.0001	P	12.6
2	☐	1.000	0.984	10581.67	0.0024	P	3.2
3	☐	1250.000	1273.675	13209440.08	3.0737	A	1.3
4	☐	3125.000	3102.321	32395906.46	7.4867	A	1.1
5	☐	6250.000	6276.627	63373474.61	15.1471	A	0.3
6	☐	12500.000	12545.306	125581933.6	30.2750	A	0.8
7	☐	25000.000	24972.341	248486629.6	60.2644	A	2.2
8	☐			41310.14	0.0104	P	3.2

$$y = 0.0024 * x + 5.8322\text{E-}005$$

$$R = 1.0000$$

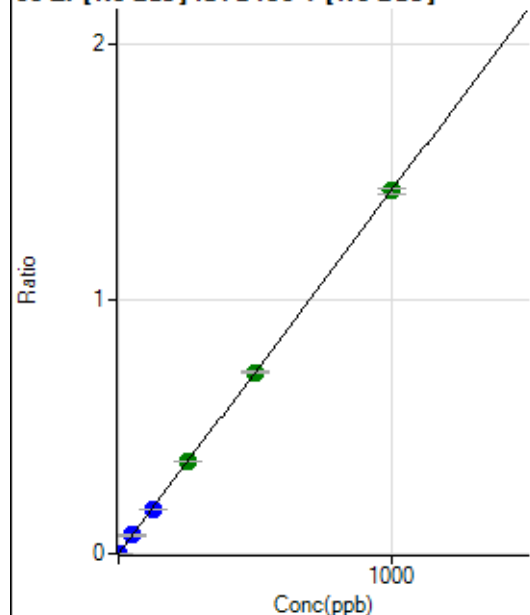
$$DL = 0.009163$$

$$BEC = 0.02417$$

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	138.89	0.0000	P	19.3
2	☐	1.000	0.975	6192.46	0.0014	P	2.3
3	☐	50.000	50.439	309402.49	0.0720	P	1.0
4	☐	125.000	123.877	764893.40	0.1768	P	0.9
5	☐	250.000	252.494	1507269.06	0.3603	A	0.3
6	☐	500.000	500.369	2961253.15	0.7139	A	0.9
7	☐	1000.000	999.310	5878986.02	1.4257	A	1.3
8	☐			3571.58	0.0009	P	2.3

$$y = 0.0014 * x + 3.2276E-005$$

$$R = 1.0000$$

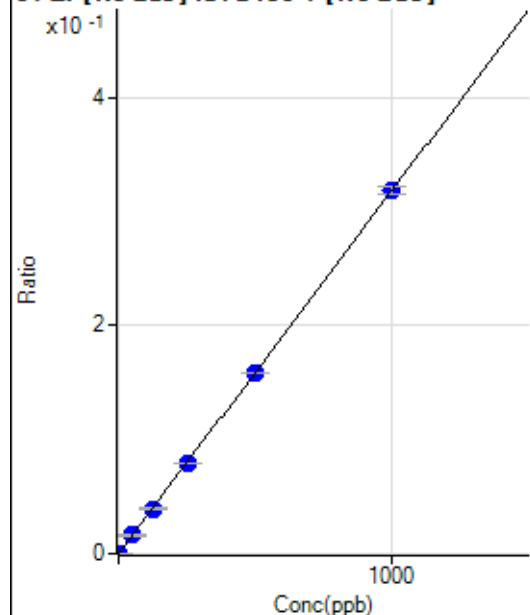
$$DL = 0.01311$$

$$BEC = 0.02262$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	24.9
2	☐	1.000	0.953	1340.07	0.0003	P	8.7
3	☐	50.000	50.627	69224.39	0.0161	P	1.0
4	☐	125.000	124.035	170719.56	0.0395	P	2.0
5	☐	250.000	250.680	333607.21	0.0797	P	0.3
6	☐	500.000	497.942	656973.61	0.1584	P	0.7
7	☐	1000.000	1000.948	1312727.44	0.3184	P	2.1
8	☐			815.59	0.0002	P	7.5

$$y = 3.1806E-004 * x + 4.9058E-006$$

$$R = 1.0000$$

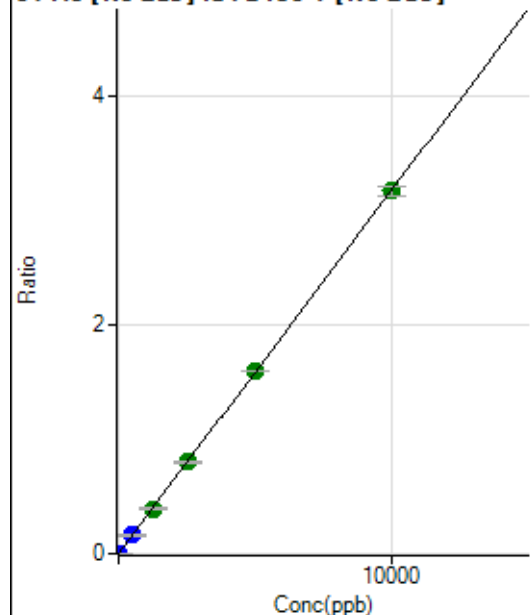
$$DL = 0.01153$$

$$BEC = 0.01542$$

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	62.22	0.0000	P	17.1
2	☐	5.000	5.233	7292.98	0.0017	P	3.5
3	☐	500.000	503.152	686852.27	0.1598	P	0.9
4	☐	1250.000	1243.461	1709157.23	0.3950	A	0.5
5	☐	2500.000	2520.937	3349973.15	0.8007	A	0.9
6	☐	5000.000	5015.742	6608210.87	1.5931	A	0.2
7	☐	10000.000	9987.554	13079436.06	3.1722	A	2.6
8	☐			3291.52	0.0008	P	6.5

$$y = 3.1761\text{E-}004 * x + 1.4452\text{E-}005$$

$$R = 1.0000$$

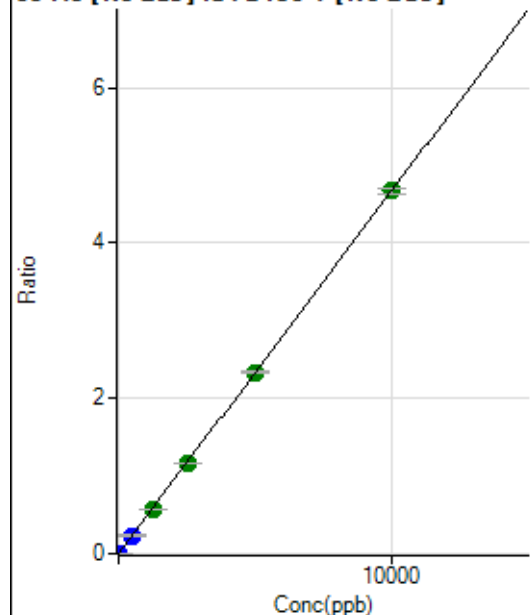
$$DL = 0.0234$$

$$BEC = 0.0455$$

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	35.55	0.0000	P	45.2
2	☐	5.000	4.377	8925.01	0.0021	P	1.5
3	☐	500.000	501.608	1006475.22	0.2342	P	1.1
4	☐	1250.000	1236.849	2498688.26	0.5775	A	1.3
5	☐	2500.000	2505.561	4894195.94	1.1698	A	0.4
6	☐	5000.000	4995.420	9674175.48	2.3322	A	0.8
7	☐	10000.000	10002.464	19256332.07	4.6699	A	1.3
8	☐			3320.41	0.0008	P	1.3

$$y = 4.6687\text{E-}004 * x + 8.2706\text{E-}006$$

$$R = 1.0000$$

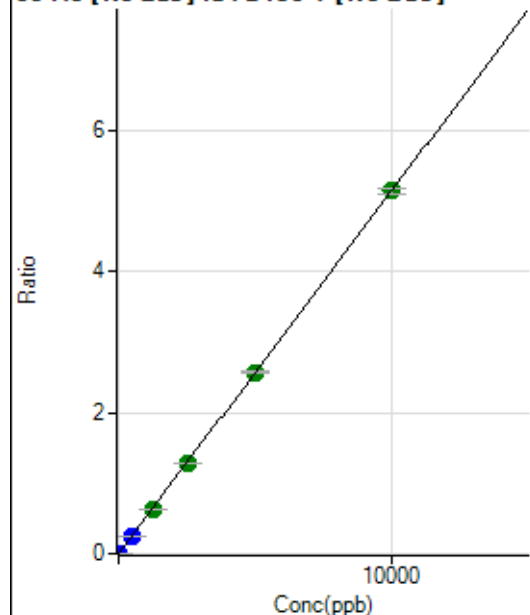
$$DL = 0.02403$$

$$BEC = 0.01771$$

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	53.33	0.0000	P	19.1
2	☐	5.000	4.497	10124.72	0.0023	P	1.4
3	☐	500.000	498.341	1102707.00	0.2566	P	0.8
4	☐	1250.000	1233.521	2748140.17	0.6351	A	1.0
5	☐	2500.000	2495.461	5375394.85	1.2848	A	1.4
6	☐	5000.000	5000.399	10679031.16	2.5745	A	0.6
7	☐	10000.000	10003.078	21236454.82	5.1501	A	1.4
8	☐			7104.01	0.0018	P	1.7

$$y = 5.1485\text{E-}004 * x + 1.2385\text{E-}005$$

$$R = 1.0000$$

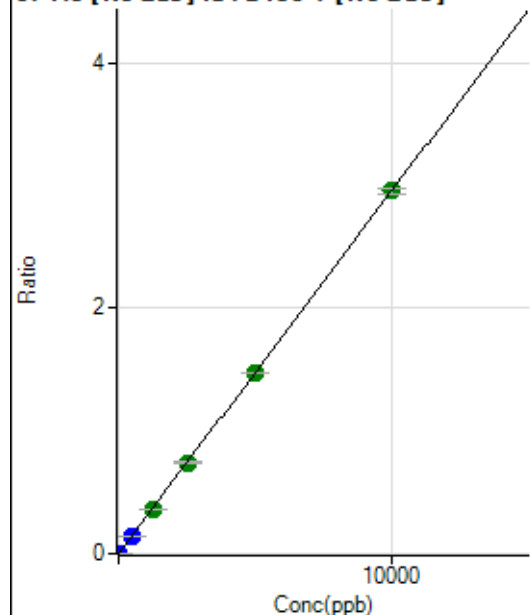
$$DL = 0.01379$$

$$BEC = 0.02406$$

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	26.67	0.0000	P	44.8
2	☐	5.000	4.367	5636.70	0.0013	P	2.5
3	☐	500.000	499.885	634445.67	0.1476	P	1.2
4	☐	1250.000	1236.310	1579841.47	0.3651	A	1.6
5	☐	2500.000	2513.508	3105577.07	0.7423	A	1.5
6	☐	5000.000	4979.406	6099754.98	1.4705	A	0.6
7	☐	10000.000	10008.637	12187562.04	2.9557	A	1.8
8	☐			2109.07	0.0005	P	5.1

$$y = 2.9532\text{E-}004 * x + 6.1852\text{E-}006$$

$$R = 1.0000$$

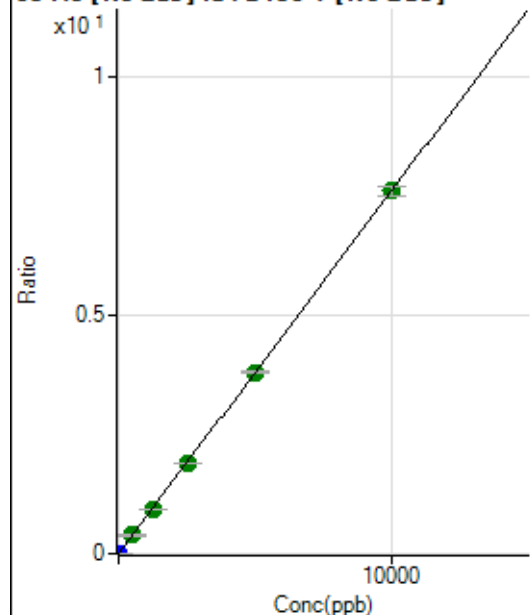
$$DL = 0.02812$$

$$BEC = 0.02094$$

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	37.78	0.0000	P	13.7
2	☐	5.000	4.443	14754.21	0.0034	P	1.8
3	☐	500.000	506.300	1656932.13	0.3856	A	1.3
4	☐	1250.000	1231.952	4059225.36	0.9381	A	2.1
5	☐	2500.000	2494.391	7947175.44	1.8995	A	1.4
6	☐	5000.000	5006.286	15813813.52	3.8123	A	1.0
7	☐	10000.000	10000.200	31398635.64	7.6152	A	2.7
8	☐			5127.61	0.0013	P	4.9

$$y = 7.6150\text{E-}004 * x + 8.7703\text{E-}006$$

$$R = 1.0000$$

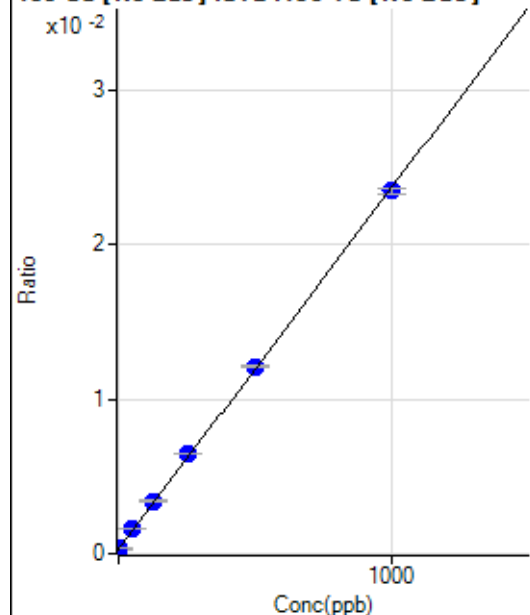
$$DL = 0.004743$$

$$BEC = 0.01152$$

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	1152.28	0.0003	P	6.1
2	☐	1.000	1.143	1276.74	0.0003	P	1.1
3	☐	50.000	56.935	6529.30	0.0016	P	2.3
4	☐	125.000	133.470	13918.98	0.0034	P	1.7
5	☐	250.000	264.151	26149.14	0.0065	P	0.5
6	☐	500.000	506.577	49634.38	0.0121	P	2.0
7	☐	1000.000	991.768	95325.59	0.0235	P	1.5
8	☐			1071.16	0.0003	P	8.5

$$y = 2.3382\text{E-}005 * x + 2.8688\text{E-}004$$

$$R = 0.9998$$

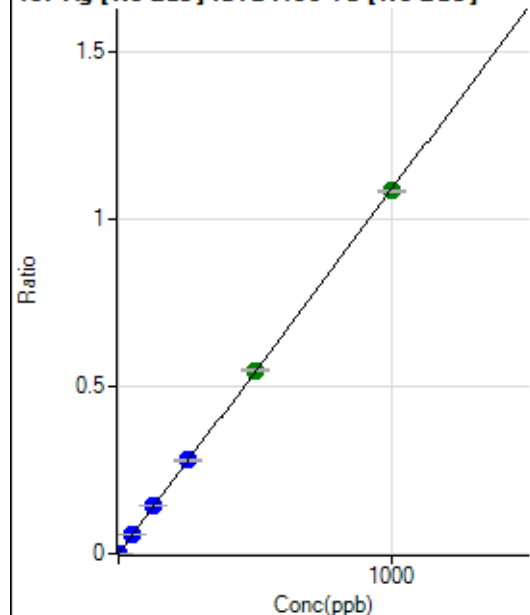
$$DL = 2.249$$

$$BEC = 12.27$$

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	34.45	0.0000	P	20.1
2	☐	1.000	1.004	4485.18	0.0011	P	2.4
3	☐	50.000	54.029	237406.92	0.0588	P	0.3
4	☐	125.000	130.772	581587.37	0.1424	P	0.4
5	☐	250.000	256.089	1128096.98	0.2788	P	0.1
6	☐	500.000	503.078	2241063.81	0.5478	A	1.3
7	☐	1000.000	996.016	4403544.28	1.0845	A	0.6
8	☐			565.57	0.0001	P	18.2

$$y = 0.0011 * x + 8.5744E-006$$

$$R = 1.0000$$

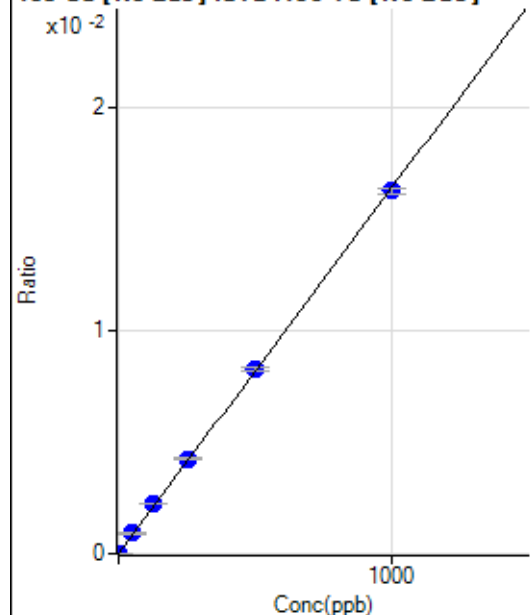
$$DL = 0.004752$$

$$BEC = 0.007875$$

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	5.56	0.0000	P	34.2
2	☐	1.000	1.034	74.44	0.0000	P	19.7
3	☐	50.000	55.182	3650.49	0.0009	P	0.8
4	☐	125.000	136.640	9141.84	0.0022	P	3.5
5	☐	250.000	258.963	17154.67	0.0042	P	1.2
6	☐	500.000	506.880	33950.79	0.0083	P	1.8
7	☐	1000.000	992.605	65977.86	0.0162	P	1.3
8	☐			34.44	0.0000	P	28.6

$$y = 1.6369E-005 * x + 1.3810E-006$$

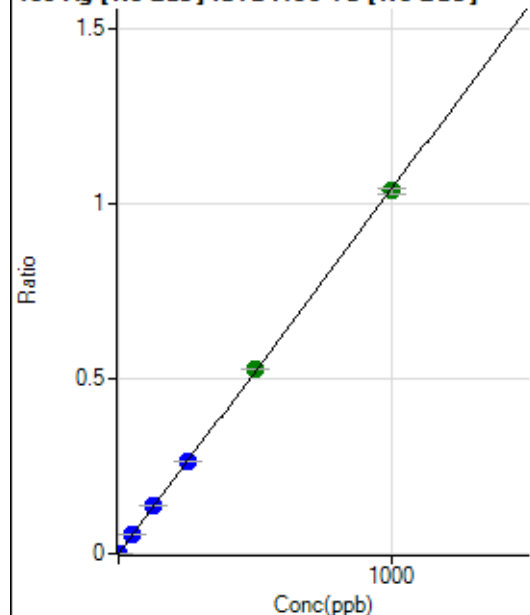
$$R = 0.9999$$

$$DL = 0.08663$$

$$BEC = 0.08437$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	80.1
2	☐	1.000	0.968	4122.84	0.0010	P	5.9
3	☐	50.000	53.582	224863.65	0.0557	P	1.4
4	☐	125.000	129.621	550603.53	0.1348	P	0.4
5	☐	250.000	252.037	1060441.10	0.2621	P	0.6
6	☐	500.000	507.174	2158075.68	0.5274	A	0.7
7	☐	1000.000	995.147	4202278.03	1.0349	A	1.3
8	☐			515.57	0.0001	P	15.8

$$y = 0.0010 * x + 5.8290E-006$$

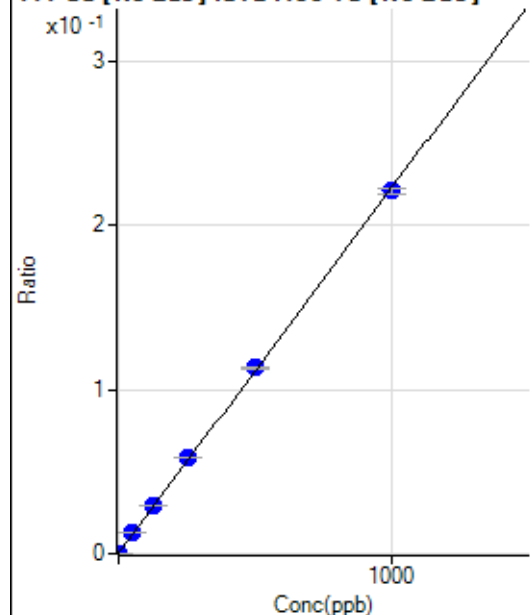
$$R = 1.0000$$

$$DL = 0.01347$$

$$BEC = 0.005605$$

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	804.93	0.0002	P	6.1
2	☐	1.000	1.133	1842.76	0.0005	P	3.3
3	☐	50.000	54.828	50083.49	0.0124	P	1.4
4	☐	125.000	132.895	121719.65	0.0298	P	0.6
5	☐	250.000	261.794	236715.43	0.0585	P	0.6
6	☐	500.000	507.206	463027.82	0.1132	P	1.1
7	☐	1000.000	992.220	898166.92	0.2212	P	1.4
8	☐			946.82	0.0002	P	8.9

$$y = 2.2273E-004 * x + 2.0040E-004$$

$$R = 0.9999$$

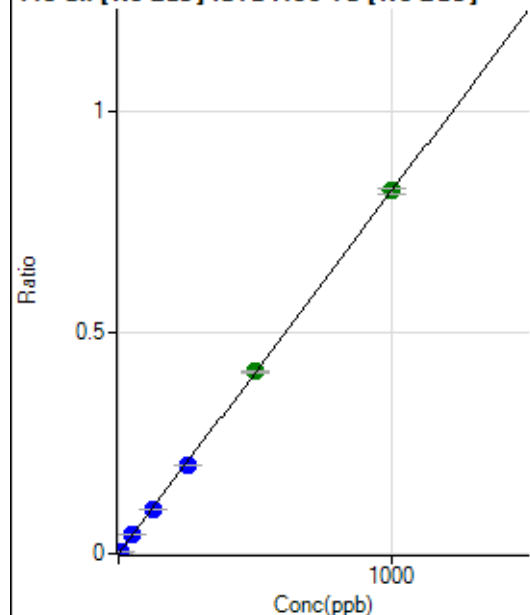
$$DL = 0.1655$$

$$BEC = 0.8997$$

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	886.70	0.0002	P	13.5
2	☐	5.000	4.869	17113.56	0.0042	P	1.1
3	☐	50.000	50.479	167494.19	0.0415	P	0.9
4	☐	125.000	123.257	412667.36	0.1010	P	0.6
5	☐	250.000	243.878	807912.44	0.1997	P	0.1
6	☐	500.000	501.388	1678769.77	0.4103	A	1.4
7	☐	1000.000	1001.031	3325480.71	0.8190	A	1.3
8	☐			1915.71	0.0005	P	5.4

$$y = 8.1793\text{E-}004 * x + 2.2080\text{E-}004$$

$$R = 1.0000$$

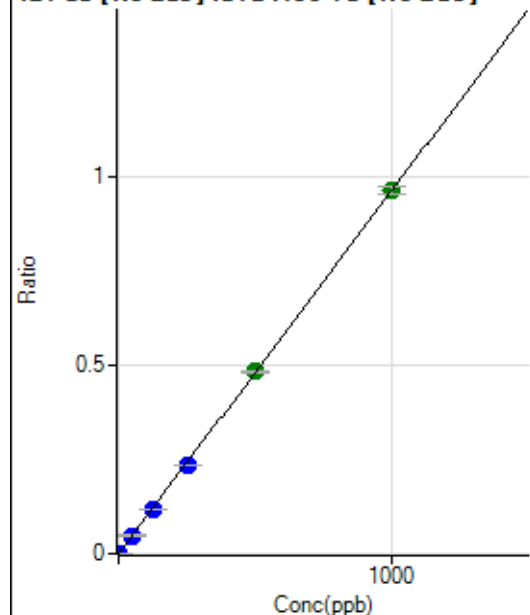
$$DL = 0.1092$$

$$BEC = 0.27$$

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	13.33	0.0000	P	65.6
2	☐	2.000	1.977	7761.05	0.0019	P	2.5
3	☐	50.000	50.306	195430.68	0.0484	P	0.9
4	☐	125.000	123.684	486344.32	0.1191	P	0.5
5	☐	250.000	244.939	954006.29	0.2358	P	0.6
6	☐	500.000	502.195	1978050.21	0.4835	A	1.2
7	☐	1000.000	1000.317	3910137.20	0.9630	A	2.1
8	☐			2652.49	0.0007	P	5.1

$$y = 9.6270\text{E-}004 * x + 3.3132\text{E-}006$$

$$R = 1.0000$$

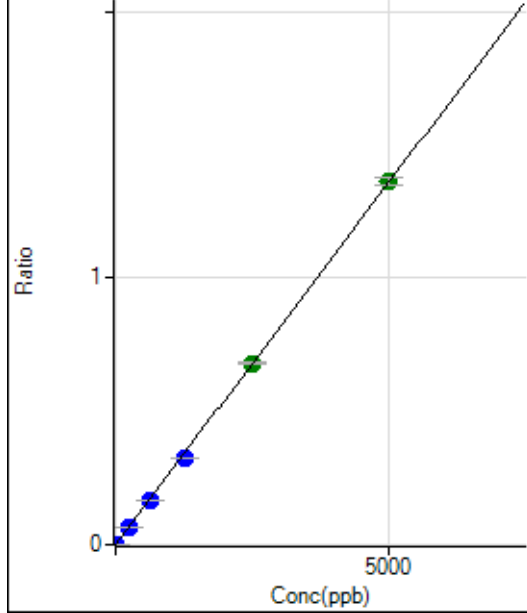
$$DL = 0.006773$$

$$BEC = 0.003442$$

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	52.22	0.0000	P	13.9
2	☐	10.000	9.474	10530.62	0.0026	P	2.5
3	☐	250.000	246.576	270302.63	0.0670	P	0.6
4	☐	625.000	603.326	669356.85	0.1639	P	1.2
5	☐	1250.000	1191.006	1308838.64	0.3235	P	0.6
6	☐	2500.000	2506.242	2785208.92	0.6808	A	1.4
7	☐	5000.000	5014.509	5530380.33	1.3621	A	2.1
8	☐			2608.04	0.0007	P	5.3

$$y = 2.7162E-004 * x + 1.3006E-005$$

$$R = 0.9999$$

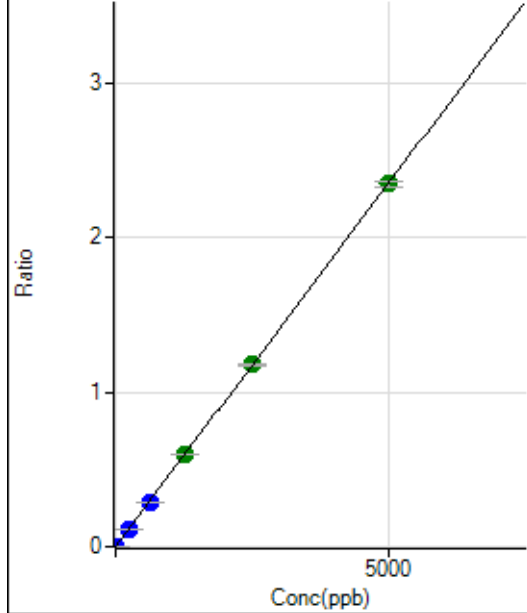
$$DL = 0.02002$$

$$BEC = 0.04788$$

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	95.55	0.0000	P	19.8
2	☐	10.000	9.423	18156.10	0.0045	P	1.3
3	☐	250.000	248.507	472144.63	0.1170	P	1.4
4	☐	625.000	607.413	1168039.37	0.2860	P	0.6
5	☐	1250.000	1272.378	2423495.50	0.5990	A	0.8
6	☐	2500.000	2508.741	4832208.02	1.1811	A	1.0
7	☐	5000.000	4992.309	9542896.94	2.3503	A	1.9
8	☐			4461.85	0.0012	P	3.4

$$y = 4.7077E-004 * x + 2.3762E-005$$

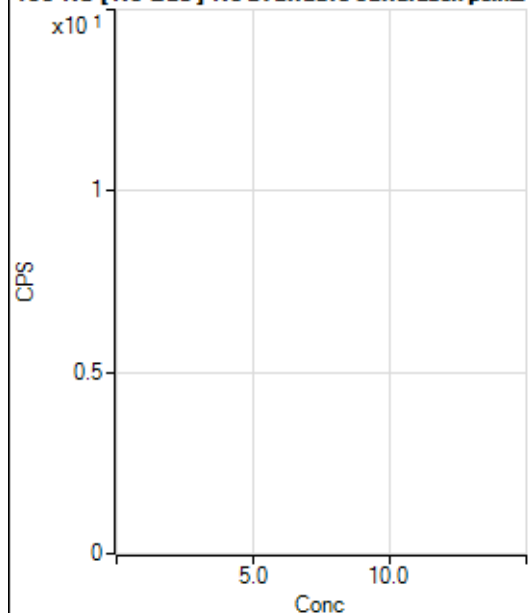
$$R = 1.0000$$

$$DL = 0.03005$$

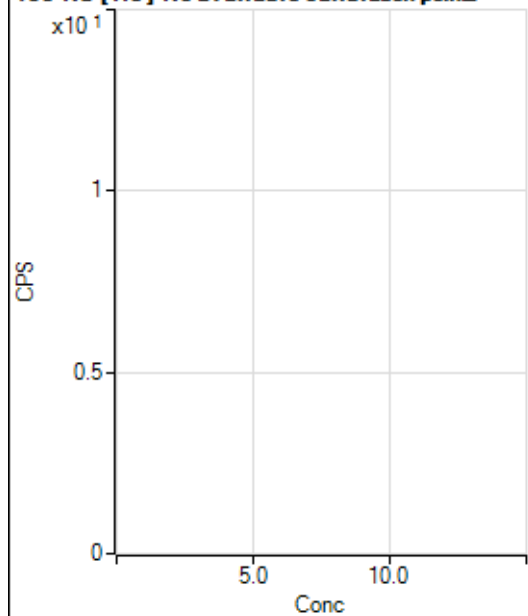
$$BEC = 0.05047$$

Weight: <None>

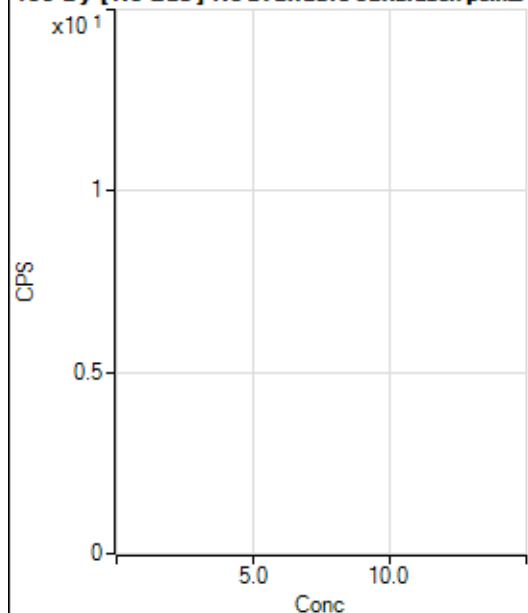
Min Conc: 0

150 Nd [No Gas] No available calibration points

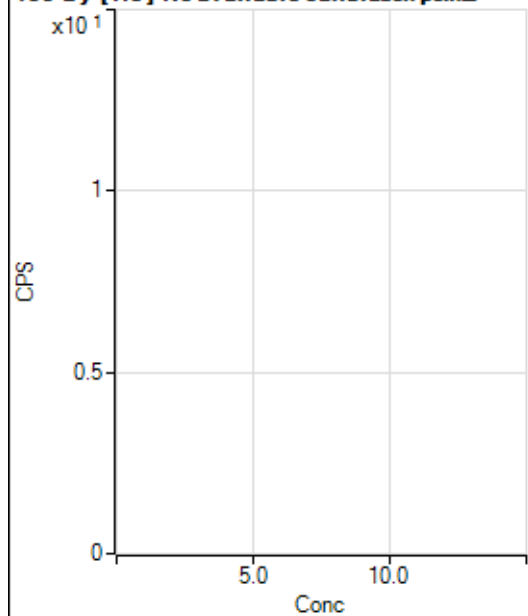
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			4.44		P	114.
3	☐			22.22		P	67.6
4	☐			60.00		P	34.7
5	☐			95.56		P	19.8
6	☐			224.45		P	15.2
7	☐			363.34		P	4.6
8	☐			75.55		P	31.9

150 Nd [He] No available calibration points

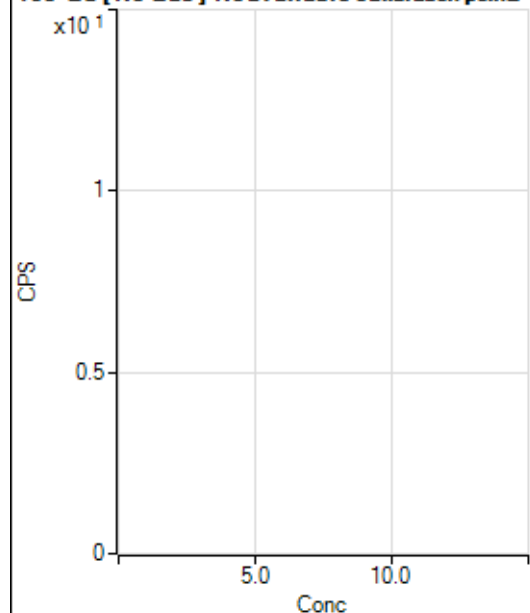
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			7.78		P	24.7
4	☐			14.44		P	70.5
5	☐			17.78		P	10.8
6	☐			35.56		P	28.6
7	☐			71.11		P	15.1
8	☐			47.78		P	10.7

156 Dy [No Gas] No available calibration points

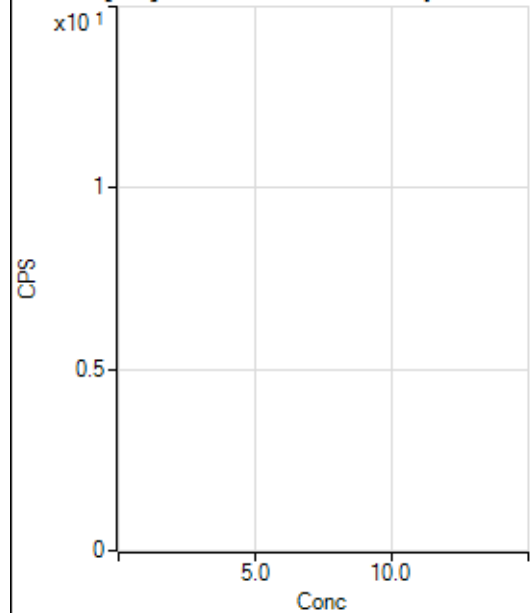
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	37.8
2	☐			13.33		P	25.0
3	☐			21.11		P	24.1
4	☐			31.11		P	24.7
5	☐			38.89		P	26.2
6	☐			66.67		P	20.0
7	☐			112.23		P	22.3
8	☐			187.78		P	18.5

156 Dy [He] No available calibration points

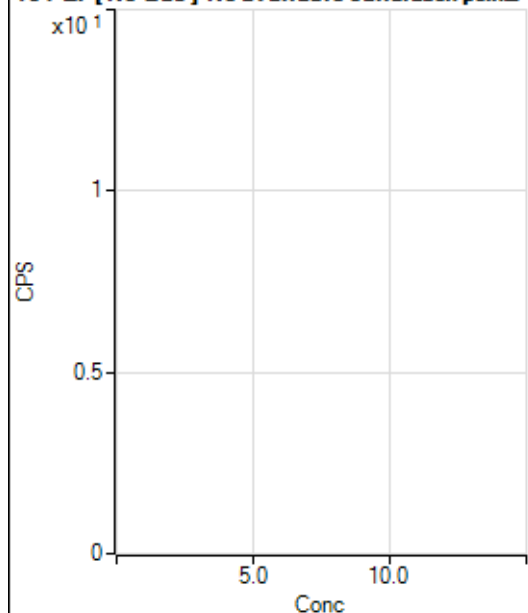
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			12.22		P	41.7
3	☐			26.67		P	37.5
4	☐			44.45		P	24.1
5	☐			88.89		P	28.2
6	☐			122.22		P	28.4
7	☐			254.45		P	9.9
8	☐			124.45		P	29.9

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

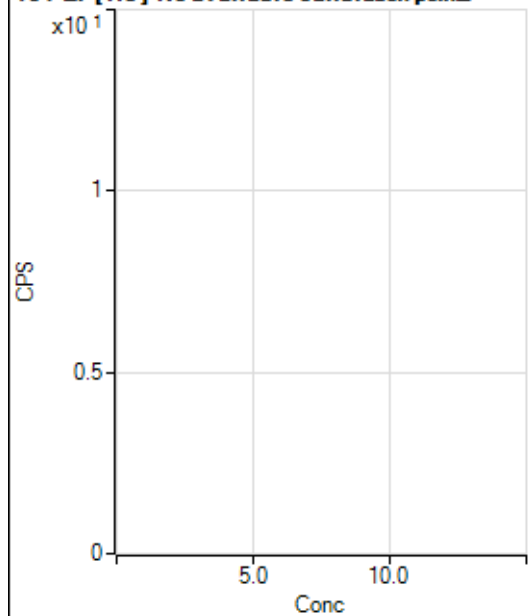
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	148.
2	☐			8.89		P	78.1
3	☐			15.56		P	32.7
4	☐			14.44		P	70.5
5	☐			12.22		P	56.8
6	☐			35.55		P	37.9
7	☐			43.33		P	20.3
8	☐			131.11		P	21.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.34		P	17.9
2	☐			135.56		P	9.9
3	☐			118.89		P	36.6
4	☐			108.89		P	24.9
5	☐			124.45		P	5.6
6	☐			125.56		P	8.1
7	☐			167.78		P	15.0
8	☐			215.56		P	8.5

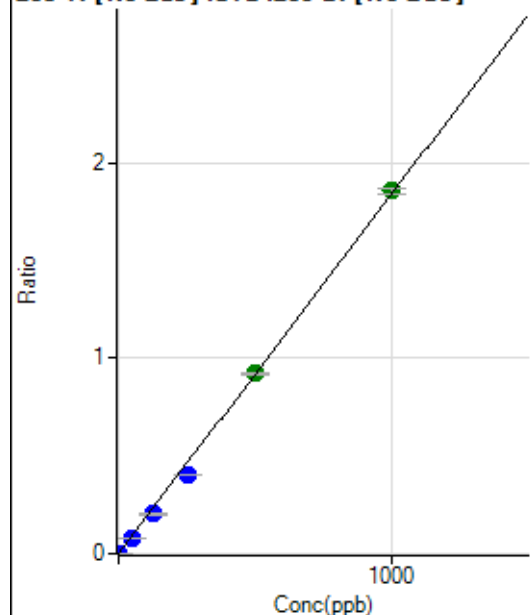
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	48.2
2	☐			18.89		P	27.0
3	☐			24.44		P	47.9
4	☐			18.89		P	53.9
5	☐			30.00		P	55.6
6	☐			41.11		P	33.8
7	☐			58.89		P	14.2
8	☐			168.89		P	23.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			5.56		P	34.7
3	☐			15.55		P	44.6
4	☐			13.33		P	50.0
5	☐			11.11		P	75.5
6	☐			23.33		P	62.3
7	☐			37.78		P	28.4
8	☐			122.23		P	6.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	40.1
2	☐	1.000	0.840	3927.27	0.0016	P	1.1
3	☐	50.000	44.482	204699.70	0.0819	P	1.1
4	☐	125.000	109.877	512014.31	0.2023	P	1.2
5	☐	250.000	219.740	1013904.36	0.4046	P	0.4
6	☐	500.000	501.068	2317433.07	0.9227	A	1.2
7	☐	1000.000	1009.198	4587452.54	1.8584	A	1.6
8	☐			502.24	0.0002	P	19.6

$$y = 0.0018 * x + 6.6451E-006$$

$$R = 0.9995$$

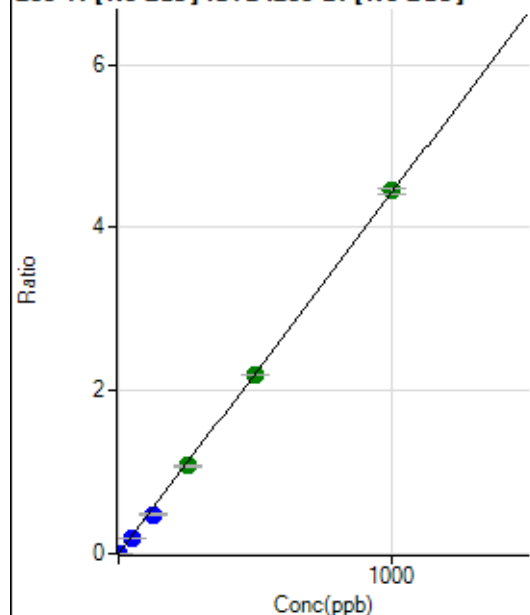
$$DL = 0.004345$$

$$BEC = 0.003609$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0000	P	24.4
2	☐	1.000	0.839	9436.66	0.0037	P	2.4
3	☐	50.000	43.943	485790.34	0.1944	P	1.3
4	☐	125.000	108.848	1218475.12	0.4815	P	1.0
5	☐	250.000	242.878	2692117.81	1.0744	A	1.1
6	☐	500.000	496.465	5516096.31	2.1962	A	0.8
7	☐	1000.000	1005.870	10984030.95	4.4496	A	1.8
8	☐			1184.51	0.0005	P	11.9

$$y = 0.0044 * x + 2.1674E-005$$

$$R = 0.9999$$

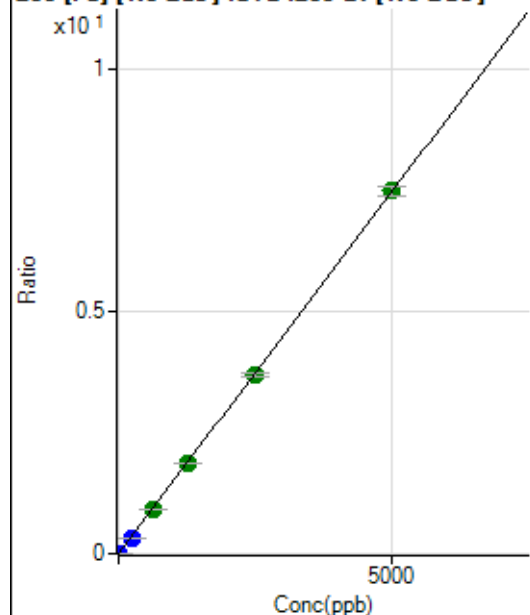
$$DL = 0.003584$$

$$BEC = 0.0049$$

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	263.34	0.0001	P	10.0
2	☐	1.000	0.828	3383.79	0.0013	P	2.5
3	☐	250.000	223.446	831889.35	0.3329	P	0.8
4	☐	625.000	613.311	2311646.34	0.9136	A	1.7
5	☐	1250.000	1243.079	4639314.48	1.8515	A	0.6
6	☐	2500.000	2473.512	9253053.96	3.6841	A	1.6
7	☐	5000.000	5017.763	18447785.83	7.4734	A	2.5
8	☐			3719.44	0.0017	P	3.4

$$y = 0.0015 * x + 1.0487E-004$$

$$R = 1.0000$$

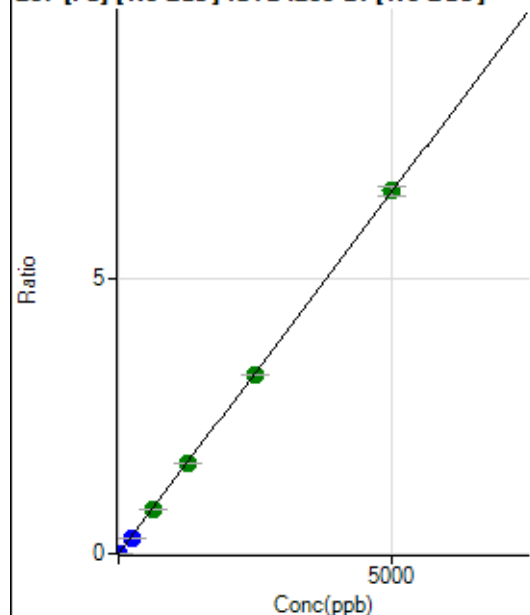
$$DL = 0.02119$$

$$BEC = 0.07041$$

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	214.45	0.0001	P	25.3
2	☐	1.000	0.810	2901.45	0.0011	P	7.5
3	☐	250.000	220.111	721815.21	0.2889	P	1.1
4	☐	625.000	616.293	2046203.42	0.8086	A	0.9
5	☐	1250.000	1243.883	4089266.81	1.6320	A	0.2
6	☐	2500.000	2472.634	8147863.35	3.2440	A	0.8
7	☐	5000.000	5017.795	16249902.68	6.5831	A	2.4
8	☐			3334.89	0.0015	P	1.2

$$y = 0.0013 * x + 8.5350E-005$$

$$R = 1.0000$$

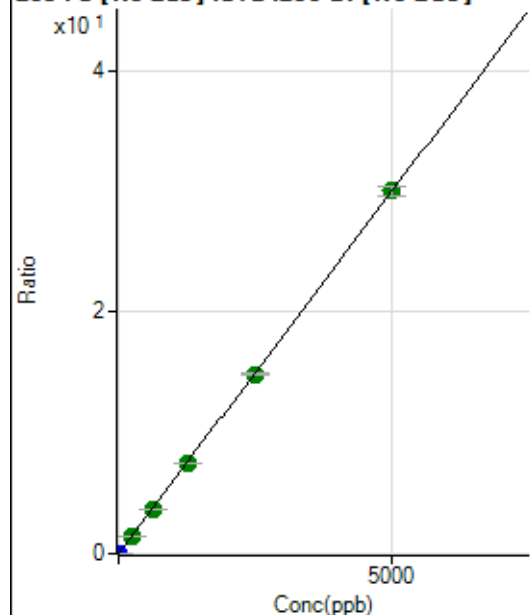
$$DL = 0.04929$$

$$BEC = 0.06506$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1014.47	0.0004	P	3.4
2	☐	1.000	0.828	13562.81	0.0054	P	1.8
3	☐	250.000	236.155	3535325.15	1.4147	A	0.6
4	☐	625.000	613.778	9302686.81	3.6763	A	1.1
5	☐	1250.000	1241.696	18634583.64	7.4368	A	0.3
6	☐	2500.000	2482.016	37336905.35	14.8650	A	0.8
7	☐	5000.000	5013.163	74112287.37	30.0238	A	2.4
8	☐			14879.98	0.0068	P	1.3

$$y = 0.0060 * x + 4.0396E-004$$

$$R = 1.0000$$

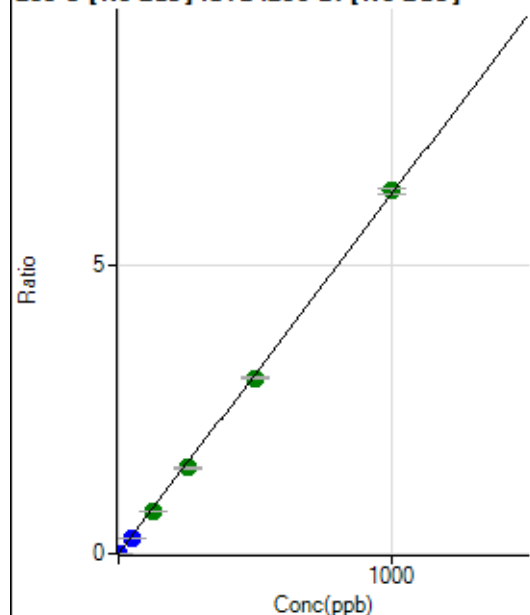
$$DL = 0.006971$$

$$BEC = 0.06745$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	36.4
2	☐	1.000	0.797	12614.95	0.0050	P	2.8
3	☐	50.000	41.509	648143.32	0.2594	P	0.9
4	☐	125.000	118.228	1869295.89	0.7387	A	1.6
5	☐	250.000	238.665	3736467.93	1.4912	A	1.2
6	☐	500.000	489.409	7680951.97	3.0579	A	0.7
7	☐	1000.000	1009.401	15569090.74	6.3070	A	1.7
8	☐			756.70	0.0003	P	6.4

$$y = 0.0062 * x + 7.5149E-006$$

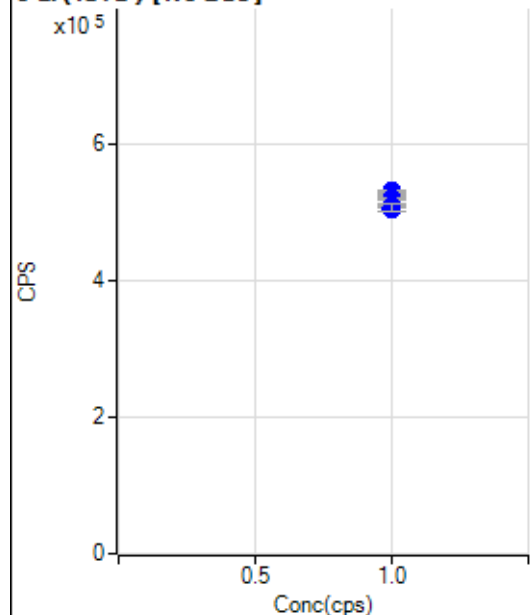
$$R = 0.9998$$

$$DL = 0.001315$$

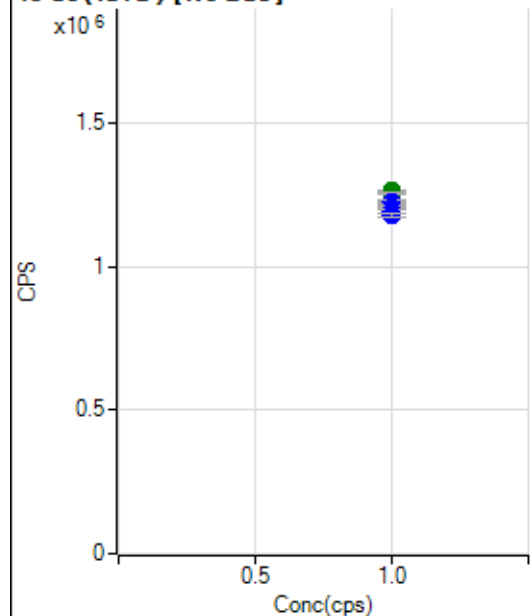
$$BEC = 0.001203$$

Weight: <None>

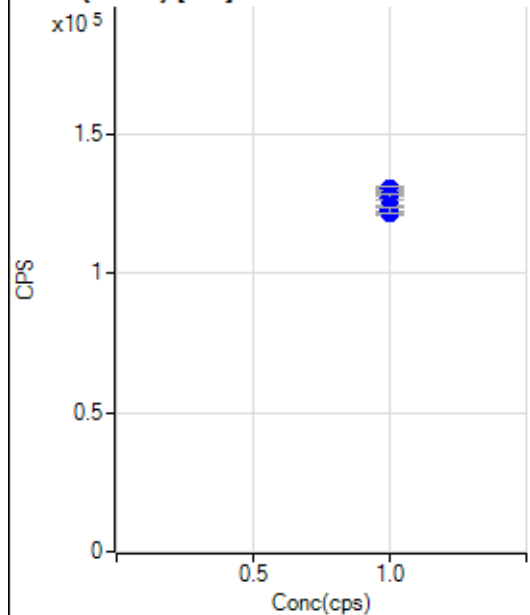
Min Conc: 0

6 Li (ISTD) [No Gas]

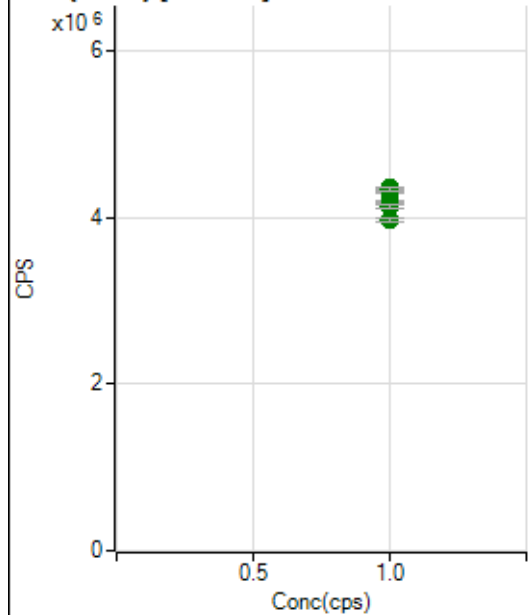
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		525958.18		P	0.4
2	☐	1.000		530896.21		P	0.4
3	☐	1.000		521451.67		P	0.5
4	☐	1.000		518241.53		P	0.4
5	☐	1.000		509081.38		P	0.6
6	☐	1.000		507792.53		P	0.3
7	☐	1.000		503866.88		P	1.0
8	☐	1.000		506263.73		P	2.2

45 Sc (ISTD) [No Gas]

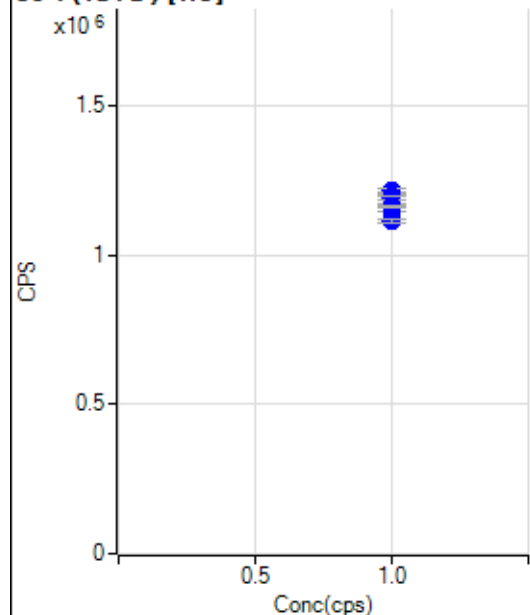
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1262645.53		A	0.5
2	☐	1.000		1261804.83		A	0.4
3	☐	1.000		1254636.86		A	0.5
4	☐	1.000		1220519.30		A	0.9
5	☐	1.000		1225141.49		P	0.6
6	☐	1.000		1205796.46		P	0.4
7	☐	1.000		1190634.11		P	1.4
8	☐	1.000		1177337.16		P	0.7

45 Sc (ISTD) [He]

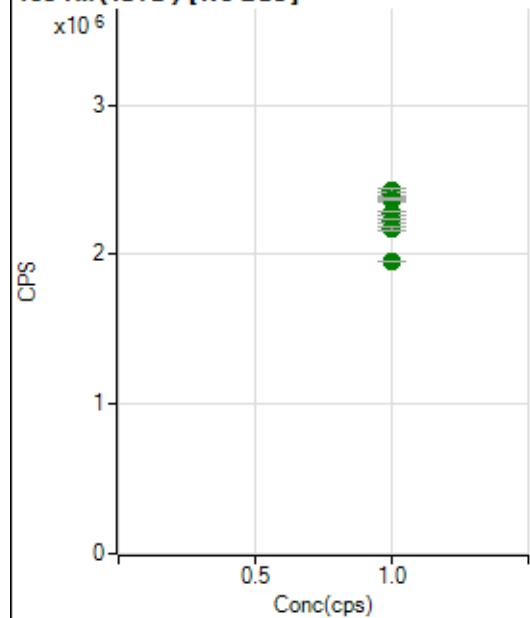
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		130094.53		P	1.1
2	☐	1.000		130500.25		P	1.1
3	☐	1.000		127877.96		P	0.3
4	☐	1.000		127549.90		P	1.9
5	☐	1.000		123276.14		P	1.0
6	☐	1.000		121478.59		P	1.2
7	☐	1.000		124286.83		P	0.4
8	☐	1.000		122728.52		P	1.7

89 Y (ISTD) [No Gas]

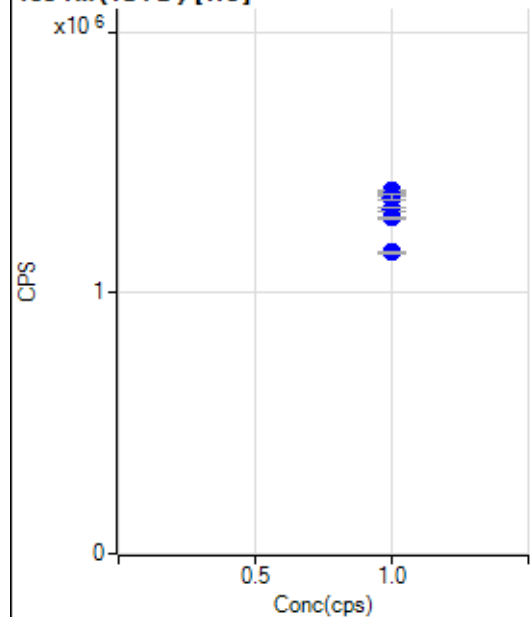
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4308699.97		A	1.0
2	☐	1.000		4349851.71		A	0.1
3	☐	1.000		4297864.62		A	1.0
4	☐	1.000		4327403.89		A	0.9
5	☐	1.000		4183886.50		A	0.2
6	☐	1.000		4148087.30		A	0.2
7	☐	1.000		4123867.96		A	1.0
8	☐	1.000		3955739.98		A	1.2

89 Y(ISTD) [He]

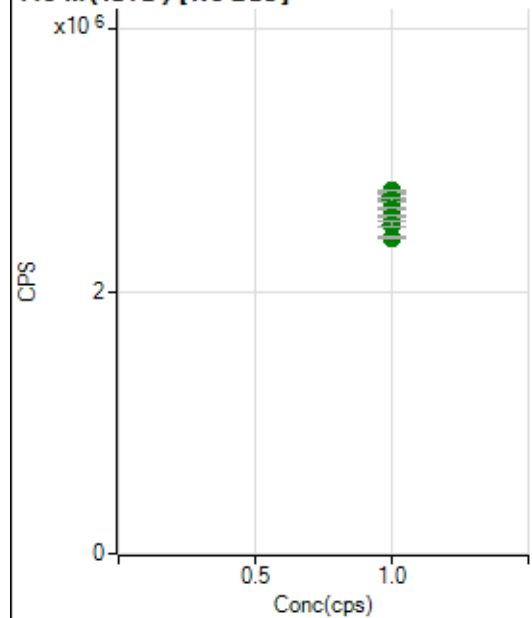
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1206034.96		P	0.4
2	☐	1.000		1216873.30		P	1.1
3	☐	1.000		1200372.94		P	0.2
4	☐	1.000		1193771.86		P	1.2
5	☐	1.000		1165072.06		P	1.0
6	☐	1.000		1149722.12		P	0.2
7	☐	1.000		1164103.08		P	0.5
8	☐	1.000		1114435.96		P	1.0

103 Rh(ISTD) [No Gas]

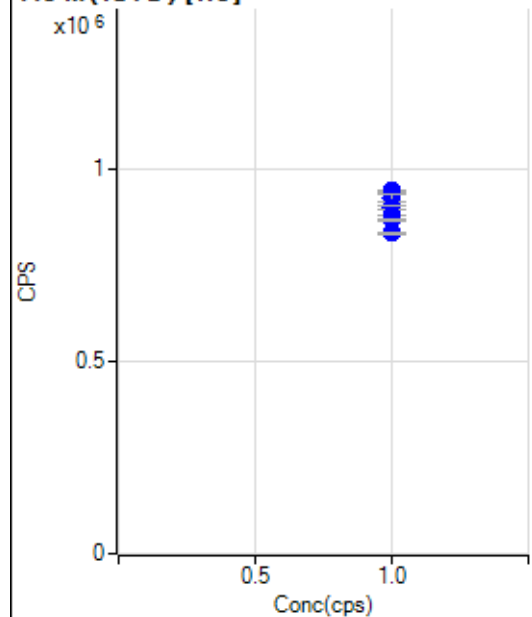
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2404514.41		A	0.6
2	☐	1.000		2424958.75		A	1.0
3	☐	1.000		2362083.31		A	0.6
4	☐	1.000		2366276.58		A	0.6
5	☐	1.000		2273623.37		A	1.5
6	☐	1.000		2225444.64		A	0.8
7	☐	1.000		2170018.72		A	1.0
8	☐	1.000		1954247.51		A	0.4

103 Rh (ISTD) [He]

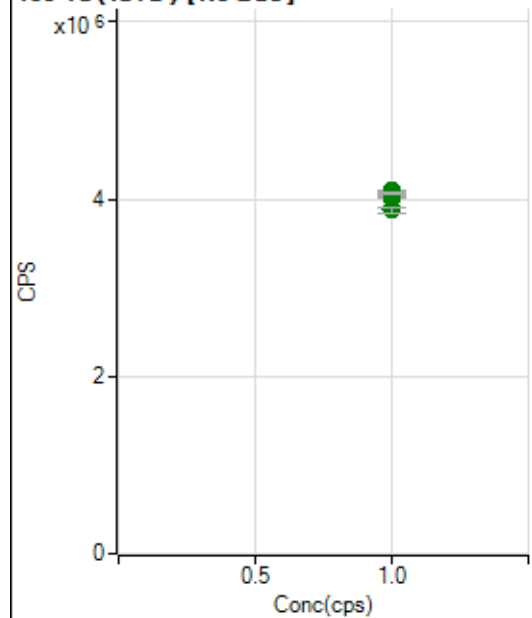
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1383777.72		P	0.2
2	☐	1.000		1390292.95		P	0.7
3	☐	1.000		1372051.23		P	0.1
4	☐	1.000		1365517.69		P	1.6
5	☐	1.000		1322664.81		P	1.1
6	☐	1.000		1288396.01		P	0.6
7	☐	1.000		1286291.84		P	0.6
8	☐	1.000		1153880.81		P	0.6

115 In (ISTD) [No Gas]

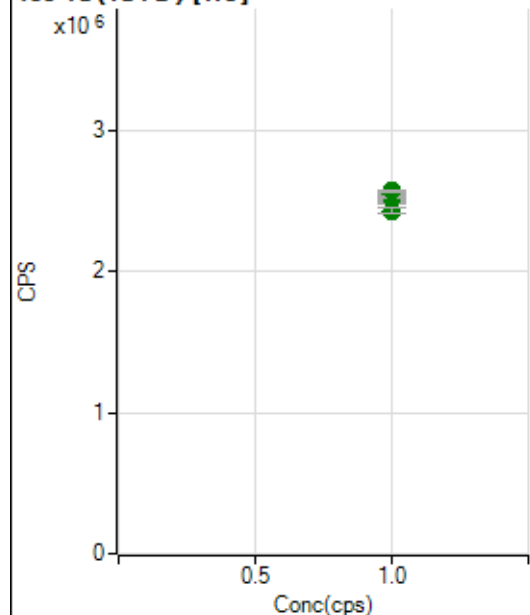
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2720721.73		A	1.1
2	☐	1.000		2765879.14		A	0.6
3	☐	1.000		2693996.04		A	0.5
4	☐	1.000		2697437.07		A	1.5
5	☐	1.000		2631285.48		A	0.9
6	☐	1.000		2570005.76		A	0.5
7	☐	1.000		2510223.74		A	1.5
8	☐	1.000		2410256.94		A	0.4

115 In (ISTD) [He]

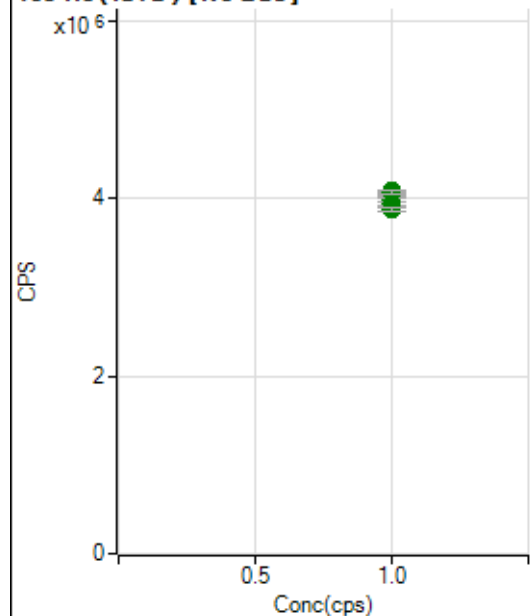
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		940482.35		P	0.6
2	☐	1.000		944798.69		P	0.8
3	☐	1.000		935453.79		P	0.1
4	☐	1.000		926681.47		P	1.8
5	☐	1.000		901231.24		P	1.2
6	☐	1.000		880773.25		P	0.4
7	☐	1.000		868909.84		P	0.4
8	☐	1.000		834332.72		P	0.9

159 Tb (ISTD) [No Gas]

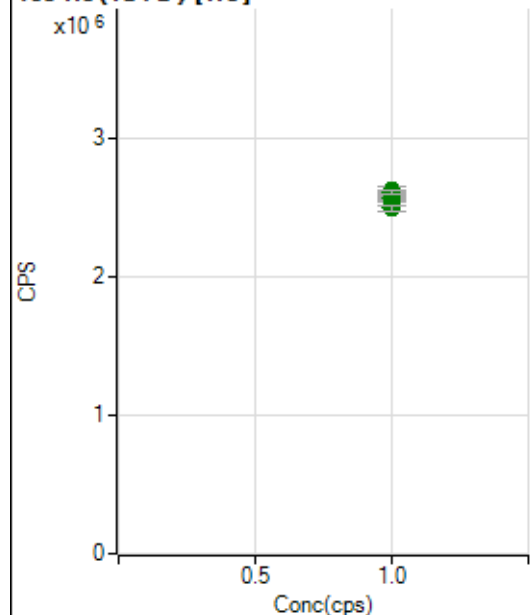
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4017601.95		A	0.7
2	☐	1.000		4071398.06		A	1.0
3	☐	1.000		4035208.52		A	0.7
4	☐	1.000		4084473.14		A	0.8
5	☐	1.000		4045723.66		A	0.2
6	☐	1.000		4091539.52		A	0.6
7	☐	1.000		4060670.15		A	0.6
8	☐	1.000		3872837.55		A	1.3

159 Tb (ISTD) [He]

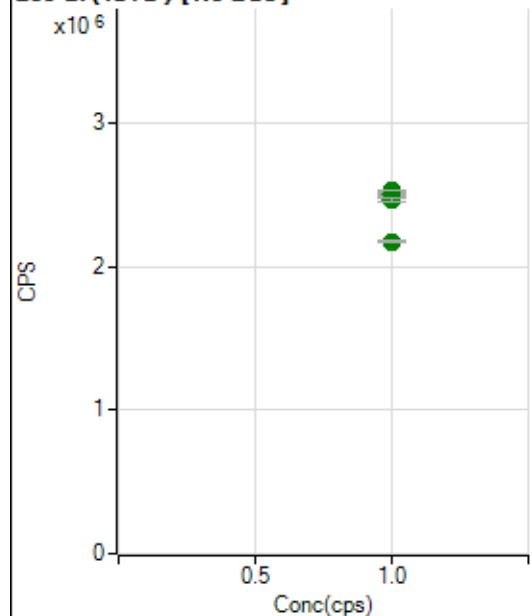
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2502843.21		A	1.6
2	☐	1.000		2527765.99		A	1.2
3	☐	1.000		2547682.08		A	0.2
4	☐	1.000		2550717.70		A	1.1
5	☐	1.000		2530125.62		A	2.5
6	☐	1.000		2526958.56		A	0.8
7	☐	1.000		2572793.21		A	0.3
8	☐	1.000		2432867.60		A	1.5

165 Ho (ISTD) [No Gas]

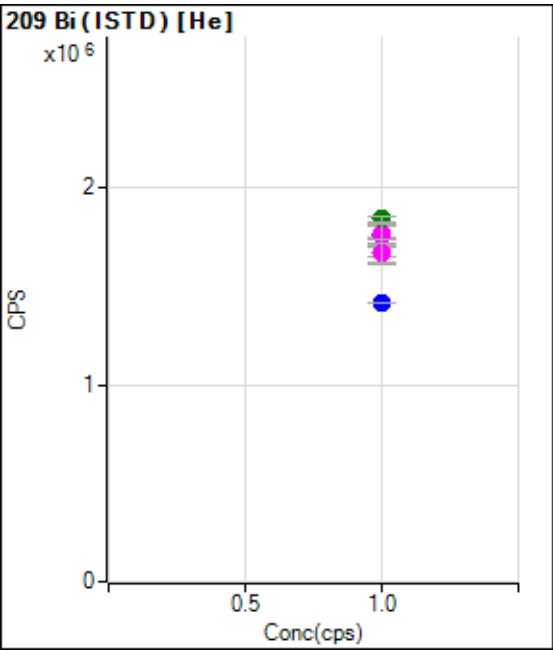
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3946333.24		A	0.9
2	☐	1.000		4013765.43		A	0.3
3	☐	1.000		3981854.00		A	1.4
4	☐	1.000		4085029.28		A	0.4
5	☐	1.000		4015659.00		A	0.4
6	☐	1.000		4061067.06		A	0.9
7	☐	1.000		4071030.63		A	1.1
8	☐	1.000		3878291.05		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2568834.54		A	0.8
2	☐	1.000		2575438.80		A	1.8
3	☐	1.000		2574553.42		A	0.9
4	☐	1.000		2625527.91		A	2.0
5	☐	1.000		2593329.49		A	0.6
6	☐	1.000		2605968.87		A	0.3
7	☐	1.000		2619148.14		A	0.8
8	☐	1.000		2498263.31		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2511220.26		A	1.2
2	☐	1.000		2528647.67		A	0.9
3	☐	1.000		2499082.22		A	1.1
4	☐	1.000		2530608.40		A	0.7
5	☐	1.000		2505726.51		A	0.6
6	☐	1.000		2511870.43		A	1.5
7	☐	1.000		2468766.91		A	0.8
8	☐	1.000		2177808.21		A	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1		1.000		1755299.78		M	6.2
2		1.000		1699827.13		M	5.5
3		1.000		1763074.89		M	6.0
4		1.000		1841696.55		A	1.8
5		1.000		1757729.37		M	6.8
6		1.000		1673593.69		M	7.2
7		1.000		1668343.81		M	6.1
8		1.000		1415779.06		P	0.6