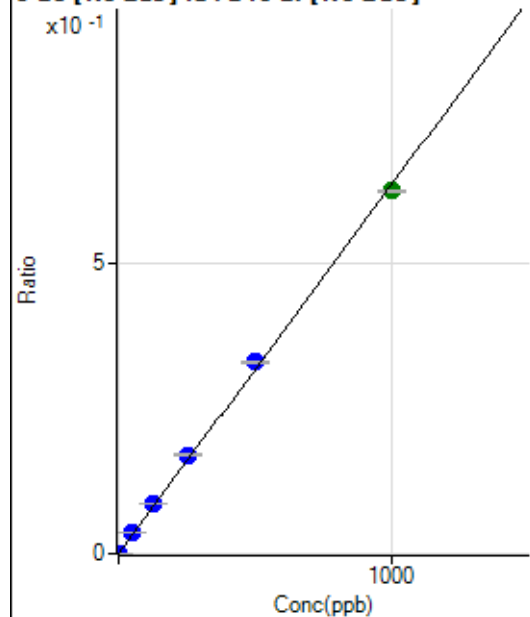


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7091923-MS.b\
Analysis File: P7091923-MS.batch.bin
DA Date-Time: 2023-09-20 11:04:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-09-19 12:26:14
2	005CALS.d	S02	2023-09-19 12:29:31
3	006CALS.d	S03	2023-09-19 12:33:04
4	007CALS.d	S04	2023-09-19 12:36:06
5	008CALS.d	S05	2023-09-19 12:39:00
6	009CALS.d	S06	2023-09-19 12:41:48
7	010CALS.d	S07	2023-09-19 12:44:36
8	011CALS.d	S08	2023-09-19 12:47:21

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.78	0.0000	P	10.0
2	☐	1.000	1.079	1673.44	0.0007	P	2.6
3	☐	50.000	55.900	82754.97	0.0356	P	0.8
4	☐	125.000	136.564	199345.73	0.0868	P	1.8
5	☐	250.000	267.435	384270.76	0.1700	P	1.5
6	☐	500.000	520.474	731515.58	0.3308	P	0.8
7	☐	1000.000	983.664	1370666.04	0.6251	A	0.9
8	☐			677.80	0.0003	P	17.5

$$y = 6.3542\text{E-}004 * x + 3.7267\text{E-}005$$

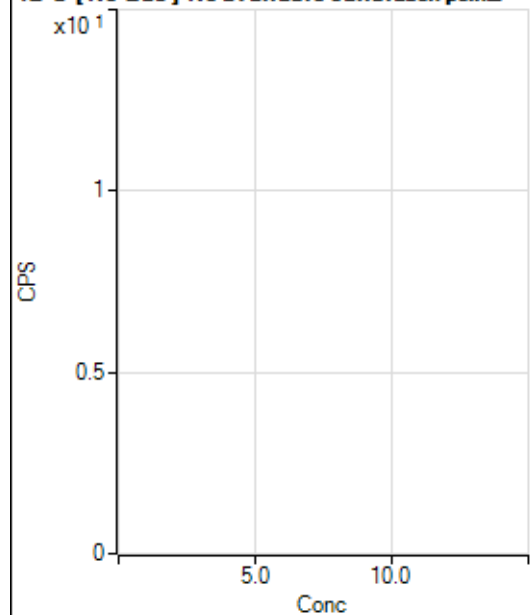
$$R = 0.9995$$

$$DL = 0.01767$$

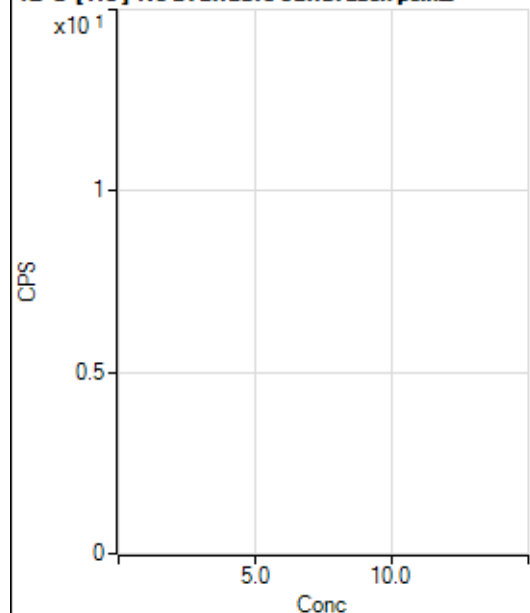
$$BEC = 0.05865$$

Weight: <None>

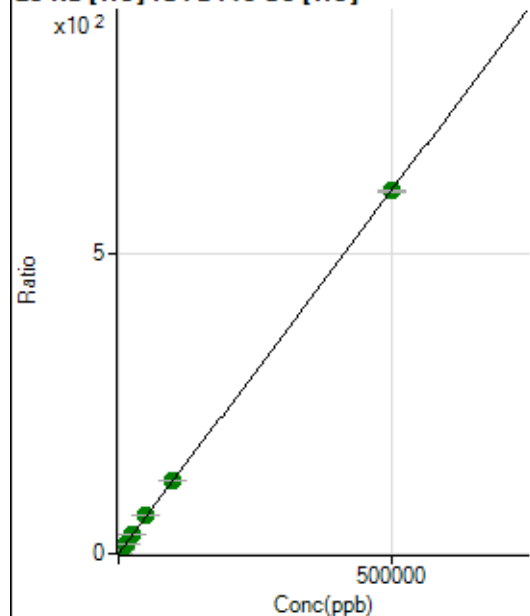
Min Conc: 0

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	14181.08	0.0280	P	2.7
2	☐	500.000	490.957	309555.79	0.6215	P	0.2
3	☐	5000.000	5177.864	3106911.83	6.2872	A	1.2
4	☐	12500.000	12979.512	7482873.92	15.7182	A	0.8
5	☐	25000.000	26086.659	14910798.95	31.5626	A	2.1
6	☐	50000.000	51936.697	29098406.51	62.8112	A	1.0
7	☐	100000.00	100385.17	57234949.70	121.3776	A	0.6
8	☐	500000.00	499661.20	268680536.0	604.0384	A	0.5

$$y = 0.0012 * x + 0.0280$$

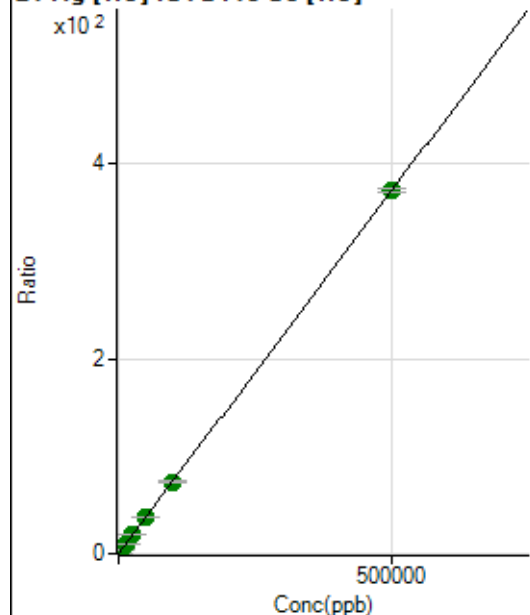
$$R = 1.0000$$

$$DL = 1.894$$

$$BEC = 23.18$$

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	588.91	0.0012	P	5.2
2	☐	500.000	490.072	182509.85	0.3664	P	0.9
3	☐	5000.000	5200.235	1915947.37	3.8771	A	0.8
4	☐	12500.000	13077.540	4640756.67	9.7484	A	0.7
5	☐	25000.000	25974.591	9146798.61	19.3611	A	1.7
6	☐	50000.000	51423.207	17756737.10	38.3289	A	0.5
7	☐	100000.00	98952.144	34777398.65	73.7541	A	1.2
8	☐	500000.00	500002.09	165766487.5	372.6726	A	1.1

$$y = 7.4534\text{E-}004 * x + 0.0012$$

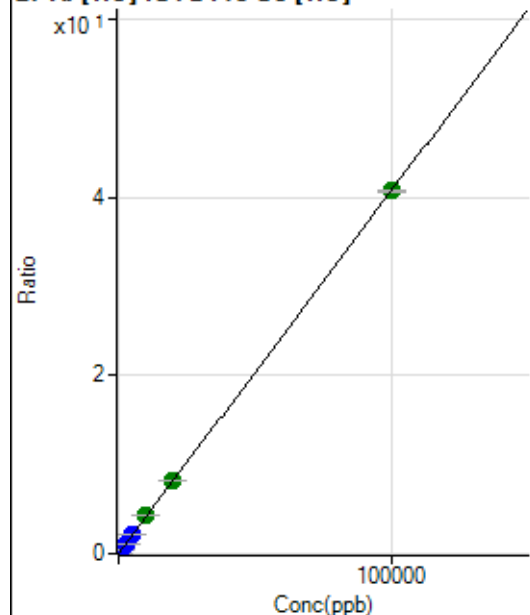
$$R = 1.0000$$

$$DL = 0.2446$$

$$BEC = 1.561$$

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	504.46	0.0010	P	6.1
2	☐	20.000	21.412	4838.59	0.0097	P	2.7
3	☐	1000.000	1089.551	219715.37	0.4446	P	0.9
4	☐	2500.000	2734.620	530529.27	1.1144	P	0.5
5	☐	5000.000	5381.367	1035653.28	2.1921	P	0.9
6	☐	10000.000	10463.553	1974115.20	4.2613	A	1.2
7	☐	20000.000	20029.198	3845741.33	8.1560	A	1.5
8	☐	100000.00	99921.976	18096919.04	40.6849	A	0.5

$$y = 4.0716\text{E-}004 * x + 9.9676\text{E-}004$$

$$R = 1.0000$$

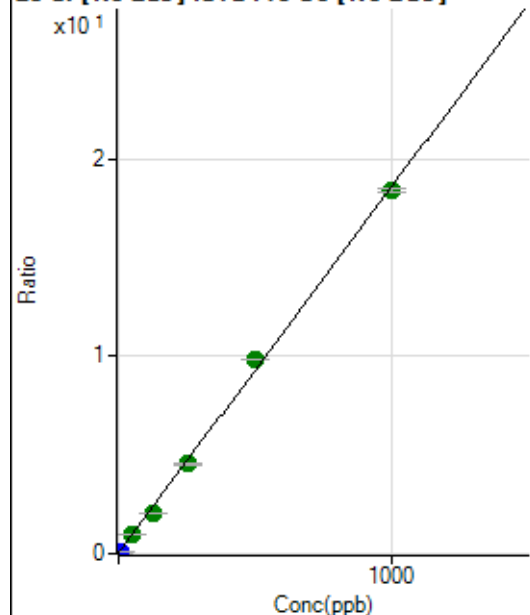
$$DL = 0.4509$$

$$BEC = 2.448$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	246874.50	0.0422	P	1.1
2	☐	10.000	0.827	329553.05	0.0576	P	0.6
3	☐	50.000	49.364	5485322.56	0.9564	A	1.0
4	☐	125.000	106.810	11240871.22	2.0203	A	1.9
5	☐	250.000	243.555	24614346.58	4.5526	A	1.4
6	☐	500.000	528.916	52850613.66	9.8372	A	0.5
7	☐	1000.000	989.551	99565935.18	18.3677	A	1.0
8	☐			434416.72	0.0845	P	0.6

$$y = 0.0185 * x + 0.0422$$

$$R = 0.9992$$

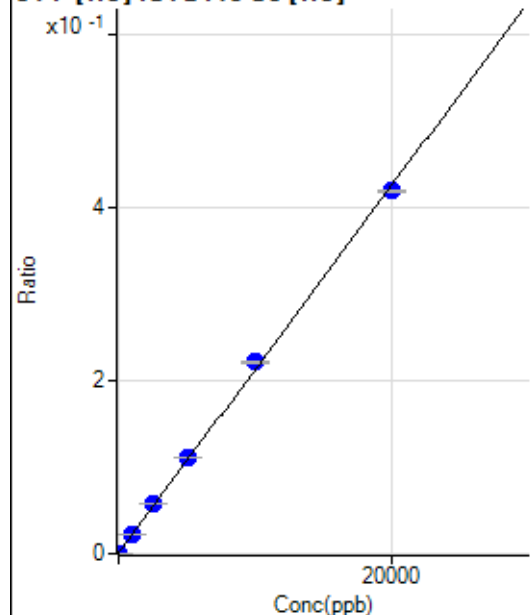
$$DL = 0.07321$$

$$BEC = 2.281$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.188	276.67	0.0005	P	17.6
2	☐	0.000	9.188	466.68	0.0009	P	4.4
3	☐	1000.000	1046.452	11325.39	0.0229	P	1.3
4	☐	2500.000	2661.204	27203.10	0.0571	P	1.3
5	☐	5000.000	5219.322	52608.87	0.1113	P	0.7
6	☐	10000.000	10411.597	102560.49	0.2214	P	0.6
7	☐	20000.000	19716.898	197384.11	0.4186	P	0.5
8	☐			334.45	0.0008	P	7.6

$$y = 2.1192E-005 * x + 7.4224E-004$$

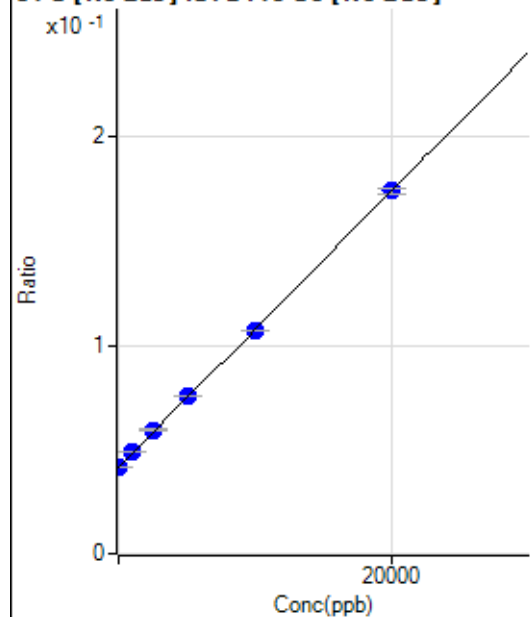
$$R = 0.9996$$

$$DL = 9.747$$

$$BEC = 35.02$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-28.749	241352.36	0.0413	P	1.1
2	☐	0.000	28.749	238632.58	0.0417	P	0.5
3	☐	1000.000	1094.365	279568.70	0.0487	P	0.7
4	☐	2500.000	2688.879	330045.14	0.0593	P	1.9
5	☐	5000.000	5149.362	408936.96	0.0756	P	0.7
6	☐	10000.000	9901.329	575630.98	0.1071	P	0.5
7	☐	20000.000	19983.667	943199.85	0.1740	P	1.3
8	☐			202799.23	0.0394	P	1.4

$$y = 6.6312\text{E-}006 * x + 0.0415$$

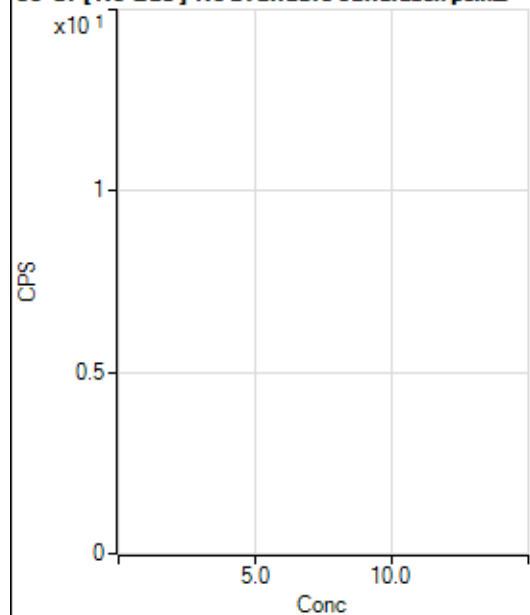
R = 0.9999

DL = 152.1

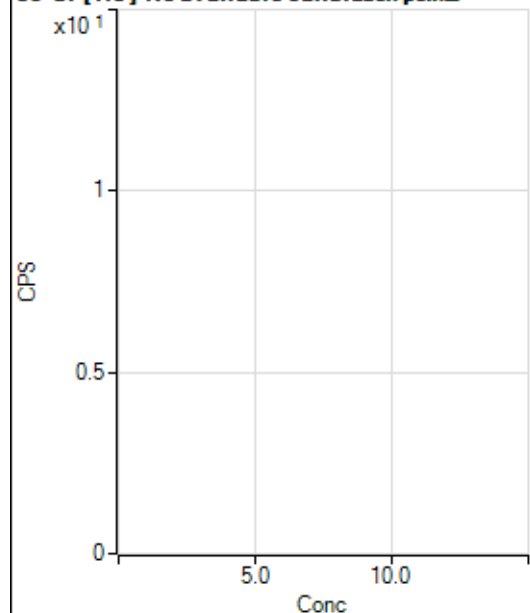
BEC = 6256

Weight: <None>

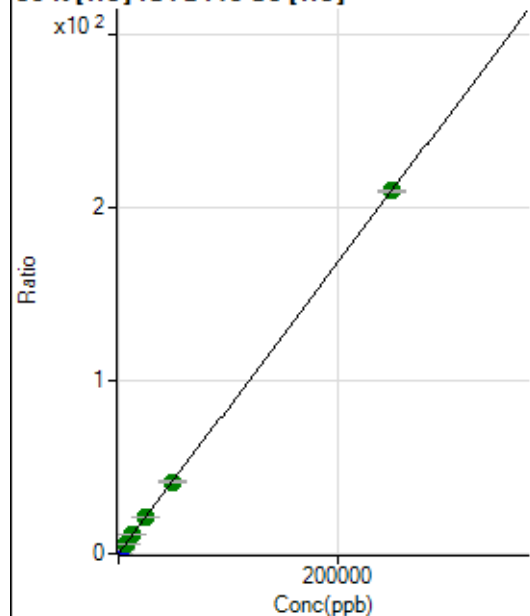
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j 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	63072.17	0.1246	P	1.9
2	☐	500.000	501.327	271030.18	0.5442	P	0.6
3	☐	2500.000	2748.921	1198406.18	2.4251	P	0.7
4	☐	6250.000	6470.310	2637219.27	5.5394	A	0.8
5	☐	12500.000	12819.171	5127244.82	10.8525	A	1.5
6	☐	25000.000	25258.542	9850393.81	21.2626	A	0.4
7	☐	50000.000	49413.478	19558389.99	41.4771	A	1.0
8	☐	250000.00	250067.49	93141744.17	209.3976	A	0.2

$$y = 8.3687E-004 * x + 0.1246$$

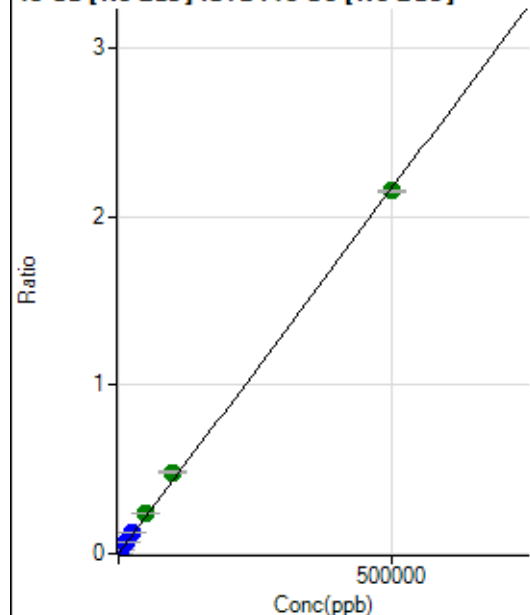
$$R = 1.0000$$

$$DL = 8.297$$

$$BEC = 148.9$$

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	801.14	0.0001	P	8.9
2	☐	500.000	489.169	12932.29	0.0023	P	0.5
3	☐	5000.000	5944.217	148643.78	0.0259	P	0.8
4	☐	12500.000	14828.841	358587.61	0.0644	P	2.2
5	☐	25000.000	29611.742	695071.20	0.1286	P	1.5
6	☐	50000.000	55581.512	1295736.59	0.2412	A	1.3
7	☐	100000.00	111338.95	2618111.54	0.4830	A	1.9
8	☐	500000.00	496875.81	11084763.86	2.1550	A	0.5

$$y = 4.3369\text{E-}006 * x + 1.3708\text{E-}004$$

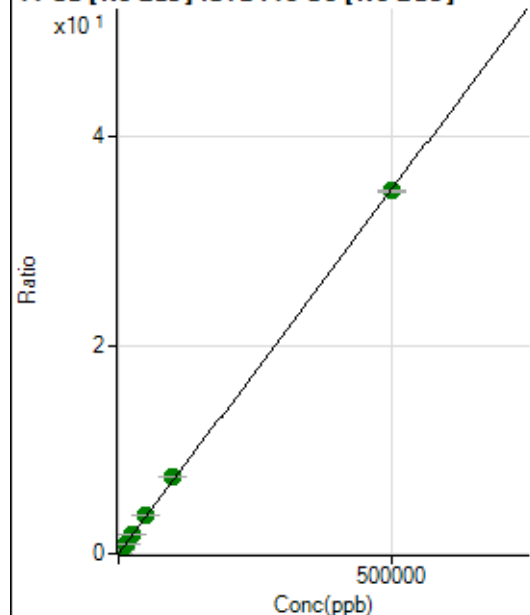
$$R = 0.9997$$

$$DL = 8.398$$

$$BEC = 31.61$$

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	21898.12	0.0037	P	1.0
2	☐	500.000	485.475	215505.78	0.0376	P	0.8
3	☐	5000.000	5444.194	2201317.71	0.3838	A	1.0
4	☐	12500.000	13544.233	5281925.03	0.9493	A	2.1
5	☐	25000.000	27127.884	10259726.51	1.8976	A	0.8
6	☐	50000.000	52965.902	19885509.01	3.7014	A	0.7
7	☐	100000.00	105864.77	40081454.13	7.3944	A	1.5
8	☐	500000.00	498393.52	178985757.3	34.7975	A	0.2

$$y = 6.9812\text{E-}005 * x + 0.0037$$

$$R = 0.9999$$

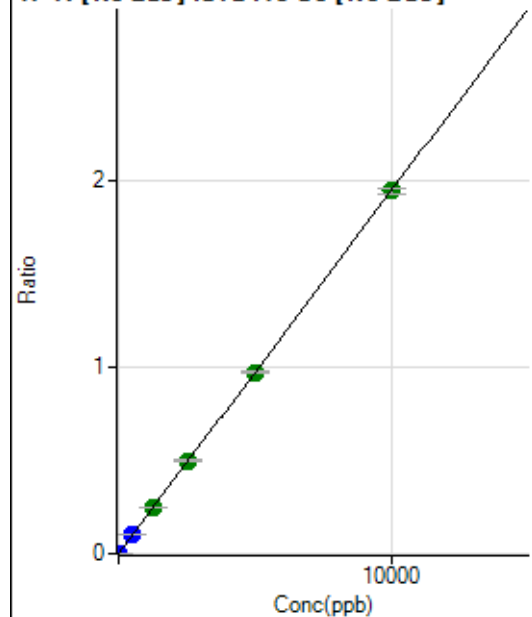
$$DL = 1.578$$

$$BEC = 53.67$$

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	88.89	0.0000	P	2.5
2	☐	5.000	5.043	5714.47	0.0010	P	3.8
3	☐	500.000	511.532	571893.53	0.0997	P	1.4
4	☐	1250.000	1258.689	1365161.20	0.2453	A	1.3
5	☐	2500.000	2550.267	2687504.26	0.4971	A	1.3
6	☐	5000.000	4999.157	5234759.58	0.9744	A	0.8
7	☐	10000.000	9986.192	10550574.22	1.9464	A	1.5
8	☐			2416.90	0.0005	P	29.6

$$y = 1.9491\text{E-}004 * x + 1.5210\text{E-}005$$

$$R = 1.0000$$

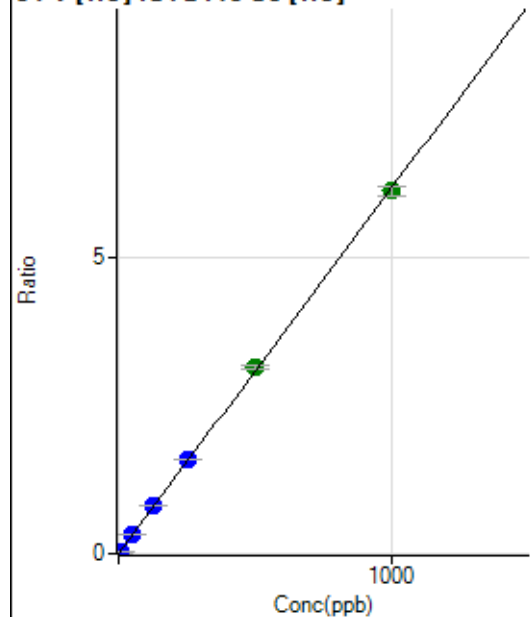
$$DL = 0.005968$$

$$BEC = 0.07804$$

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	10.00	0.0000	P	34.5
2	☐	5.000	4.759	14604.95	0.0293	P	1.6
3	☐	50.000	51.392	156390.62	0.3165	P	0.6
4	☐	125.000	130.023	381155.23	0.8006	P	0.5
5	☐	250.000	257.077	747894.95	1.5830	P	1.1
6	☐	500.000	509.807	1454308.81	3.1392	A	1.7
7	☐	1000.000	992.631	2881647.87	6.1123	A	2.4
8	☐			863.37	0.0019	P	12.1

$$y = 0.0062 * x + 1.9821\text{E-}005$$

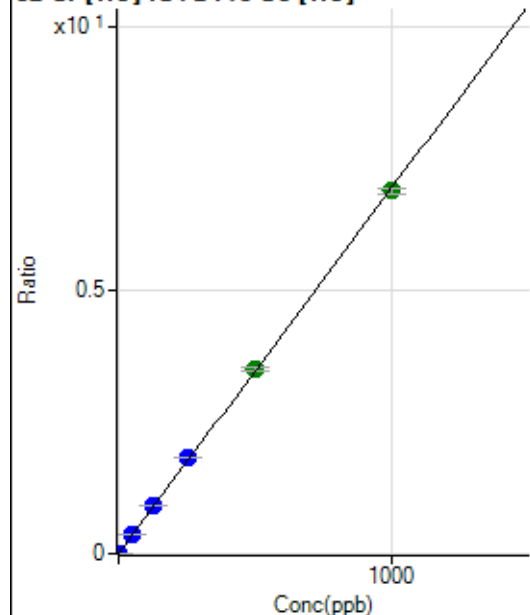
$$R = 0.9999$$

$$DL = 0.003335$$

$$BEC = 0.003219$$

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	1035.60	0.0020	P	9.7
2	☐	2.000	2.124	8354.61	0.0168	P	2.2
3	☐	50.000	52.724	181679.40	0.3676	P	0.6
4	☐	125.000	132.776	439259.61	0.9227	P	1.1
5	☐	250.000	262.535	861058.47	1.8225	P	1.1
6	☐	500.000	506.205	1627042.15	3.5121	A	1.9
7	☐	1000.000	992.655	3246344.08	6.8852	A	1.8
8	☐			11667.93	0.0262	P	1.0

$$y = 0.0069 * x + 0.0020$$

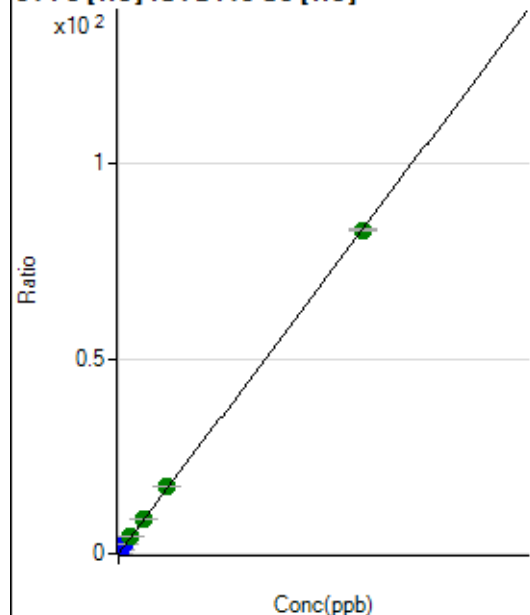
$$R = 0.9999$$

$$DL = 0.08595$$

$$BEC = 0.2953$$

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	1877.92	0.0037	P	4.4
2	☐	50.000	56.465	11214.26	0.0225	P	0.9
3	☐	2500.000	2864.090	473201.54	0.9576	P	0.6
4	☐	6250.000	7259.050	1152707.11	2.4213	P	0.6
5	☐	12500.000	13470.043	2121275.33	4.4898	A	0.9
6	☐	25000.000	27030.306	4172084.07	9.0059	A	2.0
7	☐	50000.000	51527.454	8093488.28	17.1644	A	0.9
8	☐	250000.00	249414.10	36949410.56	83.0686	A	0.9

$$y = 3.3304E-004 * x + 0.0037$$

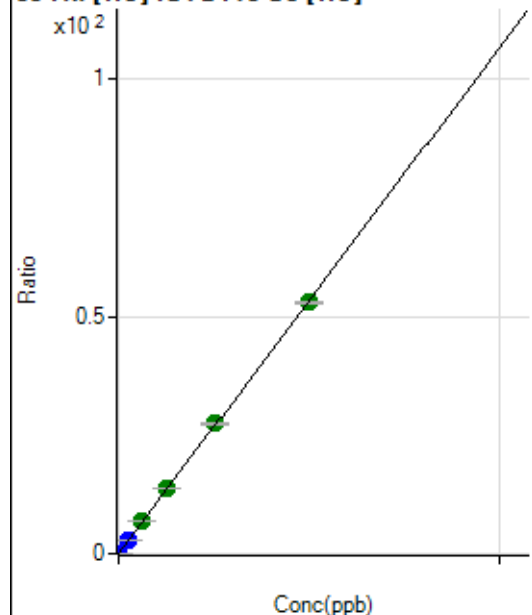
$$R = 1.0000$$

$$DL = 1.466$$

$$BEC = 11.14$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	250.00	0.0005	P	6.5
2	☐	1.000	1.118	3218.15	0.0065	P	7.5
3	☐	500.000	525.104	1384960.54	2.8026	P	0.7
4	☐	1250.000	1302.102	3308002.38	6.9489	A	0.8
5	☐	2500.000	2563.302	6462849.55	13.6790	A	0.8
6	☐	5000.000	5138.708	12703748.42	27.4221	A	0.8
7	☐	10000.000	9907.053	24928726.01	52.8673	A	0.8
8	☐			16469.09	0.0370	P	1.2

$$y = 0.0053 * x + 4.9376E-004$$

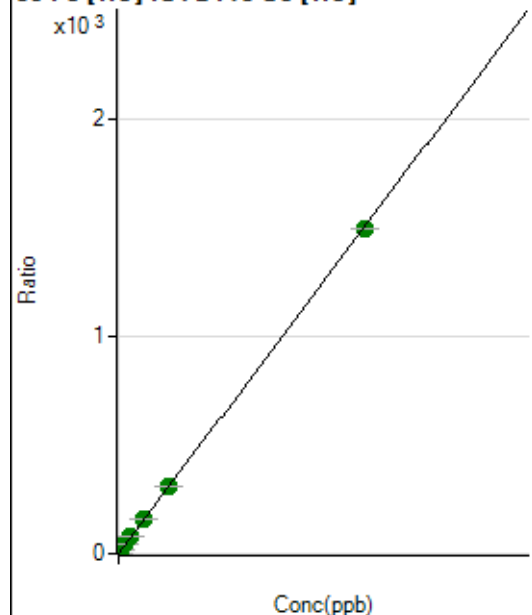
$$R = 0.9998$$

$$DL = 0.01816$$

$$BEC = 0.09253$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16746.07	0.0331	P	2.2
2	☐	50.000	53.773	177684.76	0.3567	P	0.8
3	☐	2500.000	2672.441	7965143.98	16.1185	A	1.3
4	☐	6250.000	6794.532	19484632.49	40.9293	A	0.5
5	☐	12500.000	13380.705	38066426.10	80.5715	A	0.9
6	☐	25000.000	26723.860	74531961.67	160.8839	A	1.1
7	☐	50000.000	51639.020	146576276.7	310.8481	A	1.0
8	☐	250000.00	249440.43	667843283.3	1501.414	A	0.1

$$y = 0.0060 * x + 0.0331$$

$$R = 1.0000$$

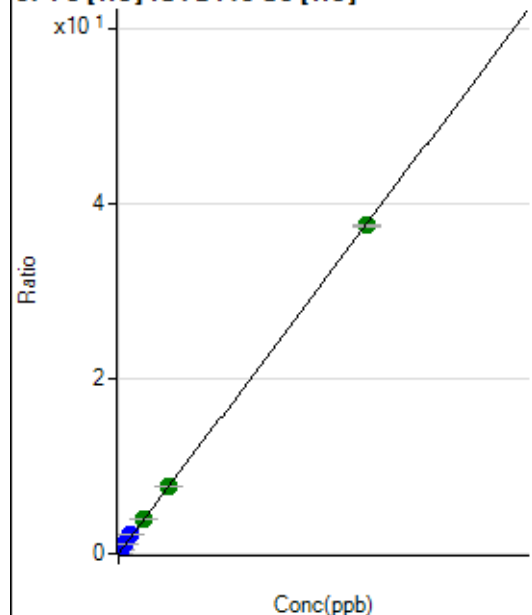
$$DL = 0.3698$$

$$BEC = 5.496$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	731.14	0.0014	P	3.8
2	☐	50.000	54.556	4808.58	0.0097	P	2.5
3	☐	2500.000	2834.372	211518.86	0.4280	P	0.4
4	☐	6250.000	7184.120	515391.71	1.0827	P	1.1
5	☐	12500.000	14071.032	1001144.27	2.1192	P	1.6
6	☐	25000.000	26868.965	1874056.26	4.0453	A	0.8
7	☐	50000.000	51079.021	3625187.58	7.6889	A	1.9
8	☐	250000.00	249492.05	16702794.34	37.5505	A	0.3

$$y = 1.5050\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

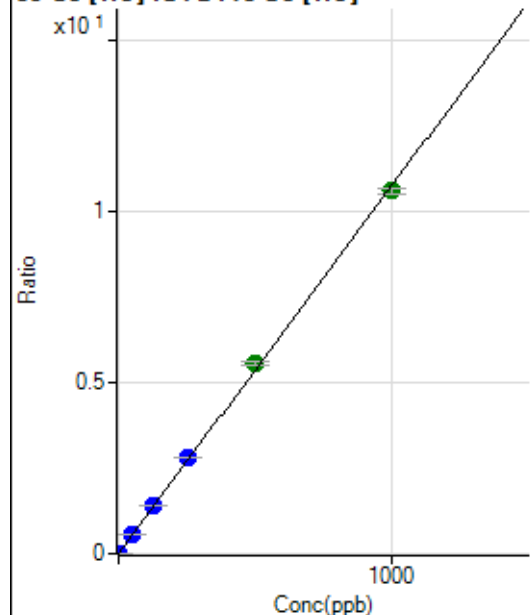
$$DL = 1.093$$

$$BEC = 9.594$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0001	P	8.5
2	☐	1.000	0.982	5284.31	0.0106	P	2.3
3	☐	50.000	53.076	281235.95	0.5691	P	1.2
4	☐	125.000	132.836	678020.44	1.4242	P	0.5
5	☐	250.000	262.723	1330795.57	2.8168	P	1.0
6	☐	500.000	517.394	2569829.25	5.5472	A	2.0
7	☐	1000.000	986.989	4989212.29	10.5818	A	1.8
8	☐			13743.06	0.0309	P	1.6

$$y = 0.0107 * x + 8.1171\text{E-}005$$

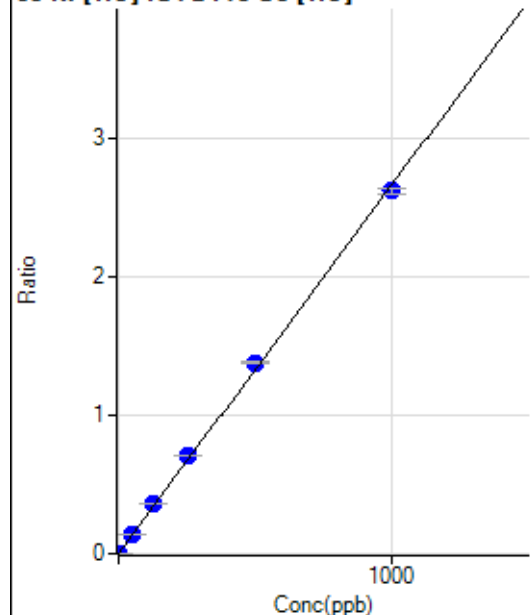
$$R = 0.9997$$

$$DL = 0.001938$$

$$BEC = 0.007571$$

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	213.34	0.0004	P	4.2
2	☐	1.000	1.121	1696.78	0.0034	P	6.1
3	☐	50.000	54.000	71243.47	0.1442	P	0.9
4	☐	125.000	135.807	172303.76	0.3619	P	0.4
5	☐	250.000	266.417	335252.95	0.7096	P	1.2
6	☐	500.000	518.652	639805.01	1.3811	P	0.3
7	☐	1000.000	985.019	1236536.65	2.6225	P	1.3
8	☐			5202.06	0.0117	P	0.1

$$y = 0.0027 * x + 4.2145E-004$$

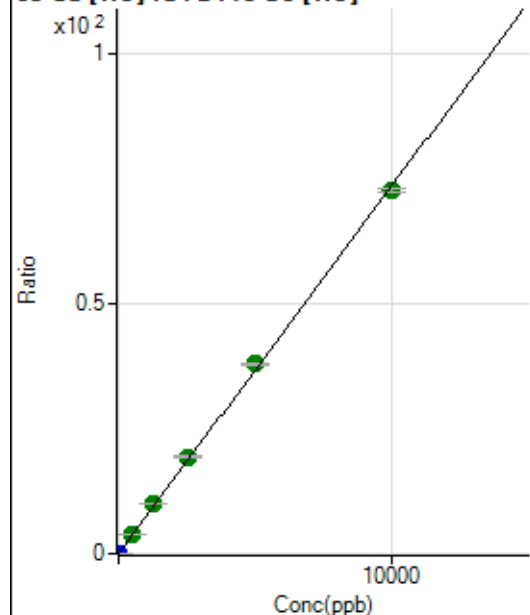
R = 0.9996

DL = 0.01984

BEC = 0.1583

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	1047.82	0.0021	P	1.5
2	☐	2.000	2.053	8552.51	0.0172	P	2.5
3	☐	500.000	536.657	1951451.19	3.9488	A	0.9
4	☐	1250.000	1363.664	4775122.60	10.0309	A	1.6
5	☐	2500.000	2627.303	9128967.78	19.3241	A	1.9
6	☐	5000.000	5156.324	17568676.96	37.9233	A	0.6
7	☐	10000.000	9873.971	34241591.16	72.6184	A	0.9
8	☐			11515.61	0.0259	P	1.0

$$y = 0.0074 * x + 0.0021$$

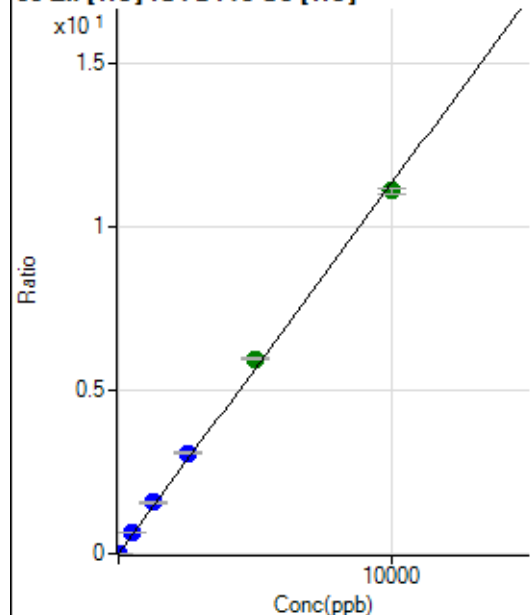
R = 0.9997

DL = 0.01301

BEC = 0.2815

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	630.02	0.0012	P	8.5
2	☐	2.000	2.115	1814.57	0.0036	P	5.7
3	☐	500.000	550.495	308909.82	0.6251	P	0.4
4	☐	1250.000	1380.524	745367.17	1.5657	P	0.8
5	☐	2500.000	2722.593	1458301.53	3.0867	P	1.0
6	☐	5000.000	5253.265	2758581.04	5.9546	A	0.9
7	☐	10000.000	9798.879	5236381.35	11.1059	A	1.6
8	☐			7460.81	0.0168	P	5.0

$$y = 0.0011 * x + 0.0012$$

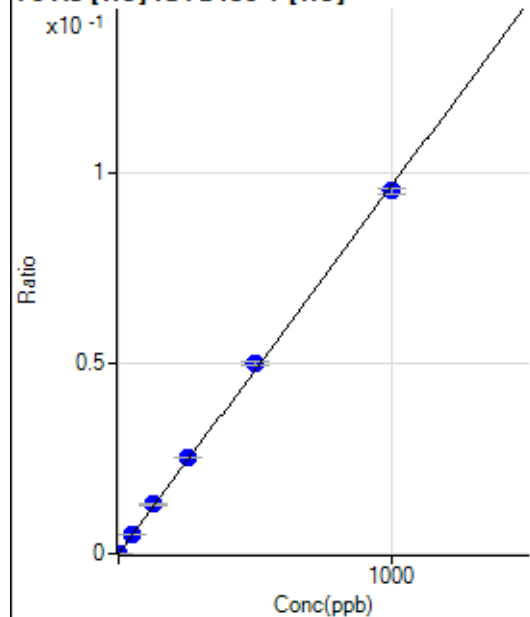
$$R = 0.9992$$

$$DL = 0.2802$$

$$BEC = 1.099$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	41.9
2	☐	1.000	1.120	435.57	0.0001	P	9.6
3	☐	50.000	52.465	20029.16	0.0051	P	2.5
4	☐	125.000	133.431	49620.40	0.0129	P	1.0
5	☐	250.000	259.574	96484.30	0.0251	P	0.2
6	☐	500.000	519.640	190513.68	0.0502	P	1.9
7	☐	1000.000	986.609	369702.69	0.0953	P	1.3
8	☐			158.89	0.0000	P	17.8

$$y = 9.6566E-005 * x + 1.0945E-006$$

$$R = 0.9996$$

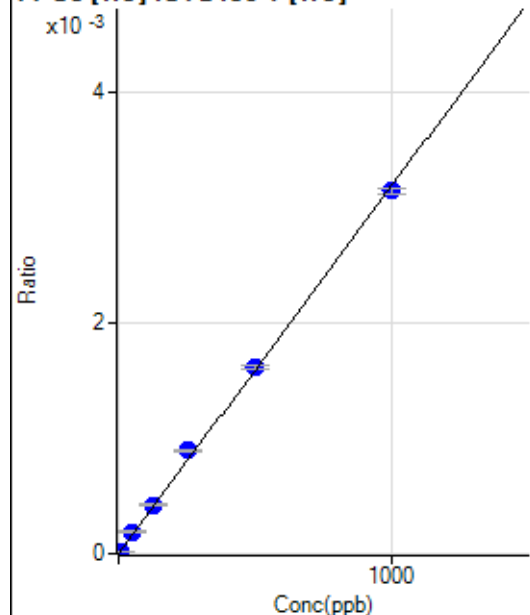
$$DL = 0.01425$$

$$BEC = 0.01133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.802	61.11	0.0000	P	29.6
3	☐	50.000	58.699	740.03	0.0002	P	11.7
4	☐	125.000	133.134	1634.55	0.0004	P	3.6
5	☐	250.000	280.027	3437.10	0.0009	P	2.5
6	☐	500.000	508.192	6151.32	0.0016	P	2.6
7	☐	1000.000	986.946	12210.67	0.0031	P	1.6
8	☐			64.45	0.0000	P	24.1

$$y = 3.1882\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

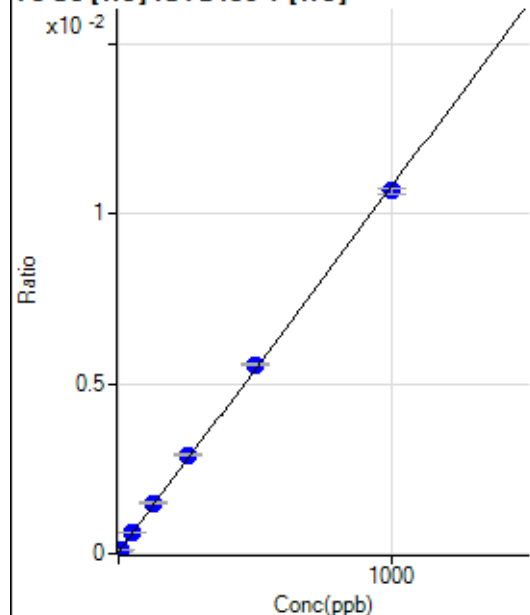
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	193.34	0.0000	P	4.0
2	☐	5.000	6.256	458.90	0.0001	P	6.9
3	☐	50.000	54.223	2493.56	0.0006	P	6.1
4	☐	125.000	134.740	5763.40	0.0015	P	2.9
5	☐	250.000	265.857	11186.55	0.0029	P	1.8
6	☐	500.000	513.515	21144.05	0.0056	P	1.6
7	☐	1000.000	987.843	41397.75	0.0107	P	1.9
8	☐			396.68	0.0001	P	9.2

$$y = 1.0752\text{E-}005 * x + 4.7793\text{E-}005$$

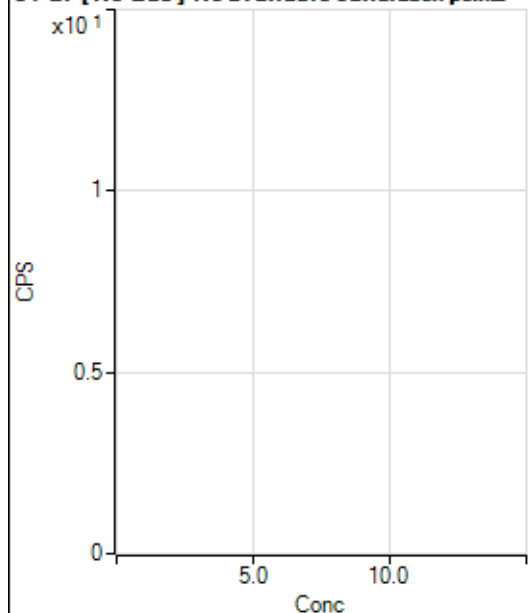
$$R = 0.9997$$

$$DL = 0.5287$$

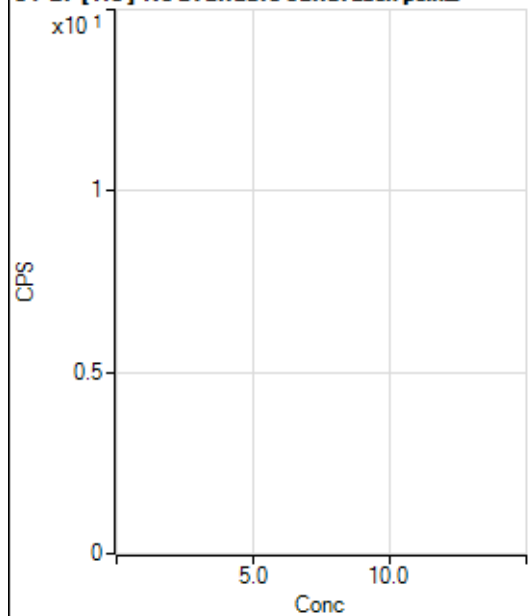
$$BEC = 4.445$$

Weight: <None>

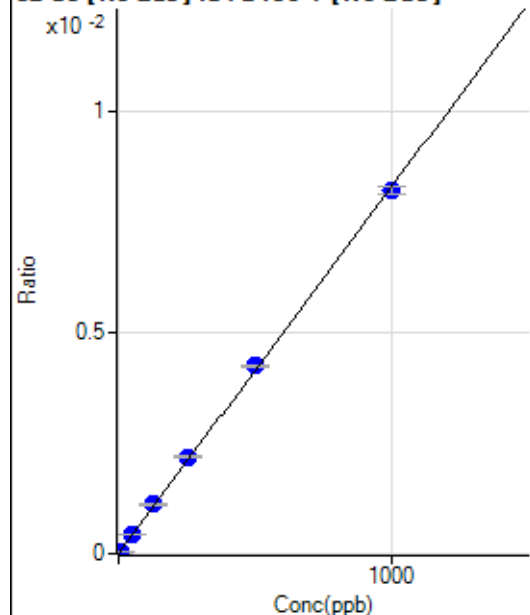
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28200.37		P	1.3
2	☐			28473.11		P	1.0
3	☐			28297.25		P	3.5
4	☐			27472.34		P	0.8
5	☐			26974.72		P	1.8
6	☐			26959.15		P	2.9
7	☐			27916.46		P	0.5
8	☐			29722.27		P	2.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.00		P	18.2
2	☐			91.11		P	11.2
3	☐			107.78		P	8.9
4	☐			100.00		P	28.9
5	☐			77.78		P	10.8
6	☐			111.11		P	40.5
7	☐			130.00		P	11.2
8	☐			457.79		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.12	0.0000	P	24.0
2	☐	5.000	4.812	783.69	0.0000	P	6.0
3	☐	50.000	53.562	7886.19	0.0004	P	3.4
4	☐	125.000	134.123	19313.77	0.0011	P	3.0
5	☐	250.000	262.542	37598.01	0.0022	P	1.6
6	☐	500.000	512.677	73289.55	0.0043	P	0.8
7	☐	1000.000	989.208	143379.77	0.0082	P	2.2
8	☐			952.76	0.0001	P	8.1

$$y = 8.3018\text{E-}006 * x + 4.3119\text{E-}006$$

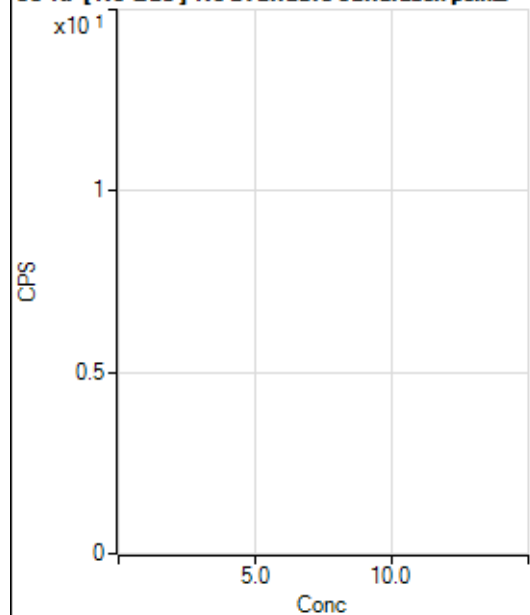
$$R = 0.9998$$

$$DL = 0.3736$$

$$BEC = 0.5194$$

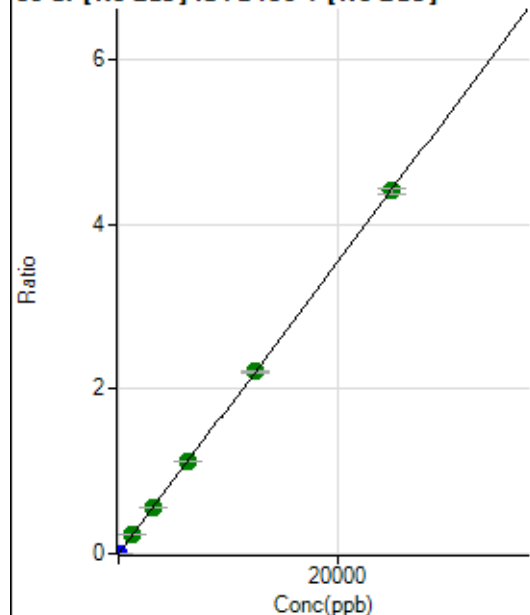
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			131.11		P	8.9
2	☐			134.45		P	12.7
3	☐			141.11		P	15.2
4	☐			153.34		P	15.2
5	☐			133.34		P	9.0
6	☐			154.45		P	17.3
7	☐			144.45		P	15.0
8	☐			196.67		P	16.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	267.78	0.0000	P	12.3
2	☐	1.000	0.966	3285.96	0.0002	P	6.3
3	☐	1250.000	1290.928	4006529.70	0.2281	A	0.8
4	☐	3125.000	3202.628	9777252.70	0.5658	A	1.9
5	☐	6250.000	6350.261	19313929.44	1.1219	A	0.7
6	☐	12500.000	12535.589	38095521.94	2.2146	A	0.8
7	☐	25000.000	24945.391	76903699.41	4.4069	A	1.7
8	☐			15972.72	0.0010	P	31.9

$$y = 1.7666E-004 * x + 1.4955E-005$$

$$R = 1.0000$$

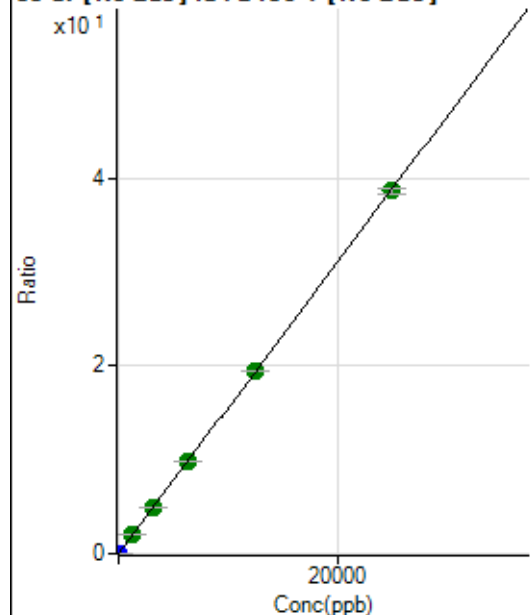
$$DL = 0.03128$$

$$BEC = 0.08465$$

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	326.67	0.0000	P	4.0
2	☐	1.000	0.953	26468.31	0.0015	P	0.8
3	☐	1250.000	1295.481	35269880.31	2.0078	A	1.4
4	☐	3125.000	3203.378	85789220.39	4.9647	A	2.1
5	☐	6250.000	6338.767	169127140.8	9.8240	A	0.9
6	☐	12500.000	12564.658	334985483.9	19.4730	A	0.6
7	☐	25000.000	24933.408	674363385.5	38.6424	A	1.5
8	☐			139831.89	0.0088	P	32.2

$$y = 0.0015 * x + 1.8245E-005$$

$$R = 1.0000$$

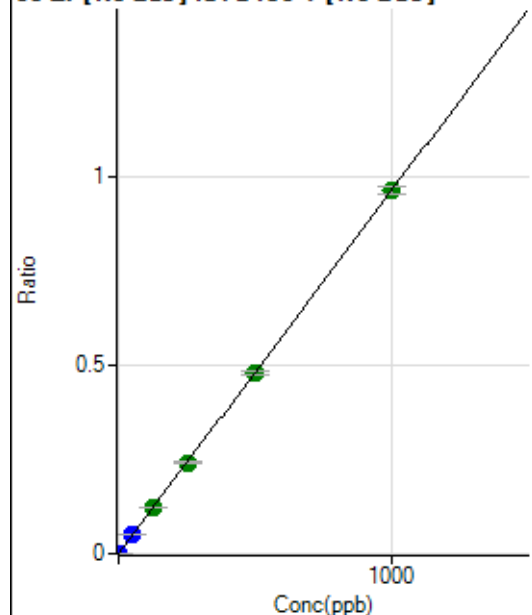
$$DL = 0.00142$$

$$BEC = 0.01177$$

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	660.02	0.0000	P	6.4
2	☐	1.000	0.900	16022.15	0.0009	P	1.8
3	☐	50.000	50.831	862152.03	0.0491	P	1.4
4	☐	125.000	127.383	2124475.16	0.1229	A	1.2
5	☐	250.000	251.059	4170686.92	0.2423	A	0.8
6	☐	500.000	499.664	8293075.29	0.4821	A	1.7
7	☐	1000.000	999.564	16829401.14	0.9644	A	2.2
8	☐			8737.13	0.0005	P	12.2

$$y = 9.6480\text{E-}004 * x + 3.6850\text{E-}005$$

$$R = 1.0000$$

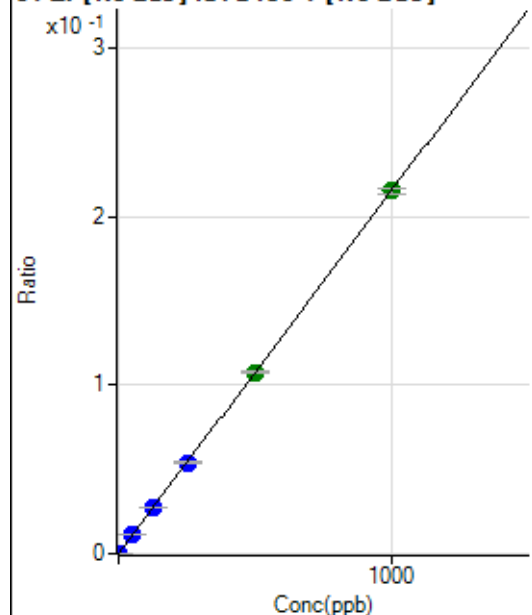
$$DL = 0.00735$$

$$BEC = 0.03819$$

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	133.34	0.0000	P	5.0
2	☐	1.000	0.883	3504.90	0.0002	P	1.2
3	☐	50.000	51.165	193920.36	0.0110	P	1.7
4	☐	125.000	126.813	472592.69	0.0273	P	2.4
5	☐	250.000	251.557	933908.60	0.0542	P	0.8
6	☐	500.000	499.540	1852949.24	0.1077	A	1.6
7	☐	1000.000	999.556	3761165.60	0.2155	A	1.3
8	☐			1910.15	0.0001	P	19.2

$$y = 2.1561\text{E-}004 * x + 7.4480\text{E-}006$$

$$R = 1.0000$$

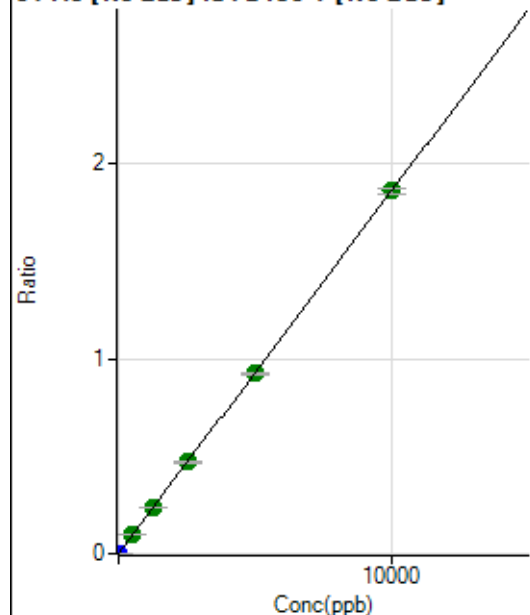
$$DL = 0.005192$$

$$BEC = 0.03454$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	235.56	0.0000	P	26.5
2	☐	5.000	5.671	18931.23	0.0011	P	0.5
3	☐	500.000	517.571	1693073.33	0.0964	A	1.0
4	☐	1250.000	1279.074	4115579.59	0.2382	A	1.8
5	☐	2500.000	2523.538	8089167.66	0.4699	A	1.0
6	☐	5000.000	4971.026	15921172.68	0.9256	A	1.6
7	☐	10000.000	10004.089	32504642.29	1.8627	A	1.9
8	☐			10954.34	0.0007	P	23.0

$$y = 1.8619E-004 * x + 1.3146E-005$$

$$R = 1.0000$$

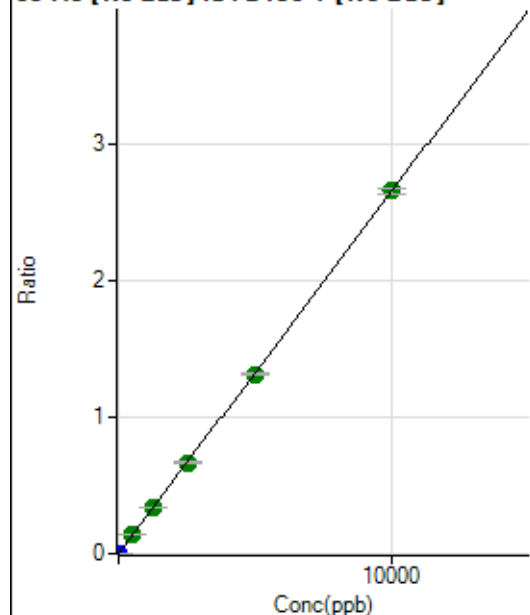
$$DL = 0.05607$$

$$BEC = 0.0706$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	7.2
2	☐	5.000	4.807	22639.76	0.0013	P	0.7
3	☐	500.000	518.187	2416590.75	0.1376	A	1.2
4	☐	1250.000	1278.773	5866019.15	0.3395	A	2.7
5	☐	2500.000	2516.130	11499671.77	0.6680	A	1.5
6	☐	5000.000	4948.347	22597209.38	1.3136	A	1.1
7	☐	10000.000	10017.288	46407068.20	2.6593	A	1.8
8	☐			12566.87	0.0008	P	27.4

$$y = 2.6547E-004 * x + 2.4195E-006$$

$$R = 1.0000$$

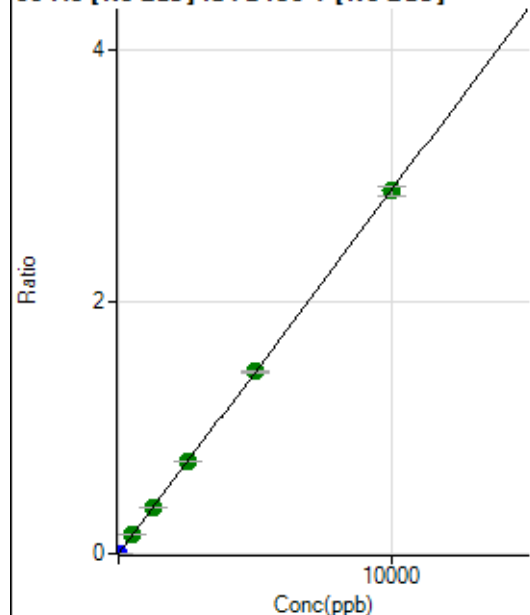
$$DL = 0.001982$$

$$BEC = 0.009114$$

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	86.67	0.0000	P	30.8
2	☐	5.000	4.915	25183.96	0.0014	P	1.0
3	☐	500.000	517.990	2624174.82	0.1494	A	1.5
4	☐	1250.000	1283.157	6394596.50	0.3700	A	1.5
5	☐	2500.000	2548.530	12652951.75	0.7350	A	0.6
6	☐	5000.000	5002.530	24817115.19	1.4426	A	0.9
7	☐	10000.000	9981.558	50230859.25	2.8785	A	2.5
8	☐			28174.28	0.0018	P	15.1

$$y = 2.8838\text{E-}004 * x + 4.8344\text{E-}006$$

$$R = 1.0000$$

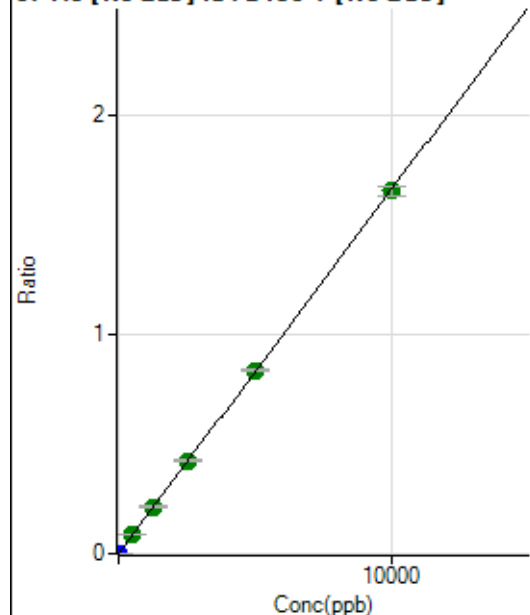
$$DL = 0.0155$$

$$BEC = 0.01676$$

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	23.33	0.0000	P	28.4
2	☐	5.000	4.800	14148.03	0.0008	P	1.7
3	☐	500.000	516.325	1507389.44	0.0858	A	0.6
4	☐	1250.000	1284.476	3688629.81	0.2135	A	1.6
5	☐	2500.000	2557.207	7316146.77	0.4250	A	0.5
6	☐	5000.000	5039.759	14407695.20	0.8375	A	0.2
7	☐	10000.000	9960.693	28885672.35	1.6553	A	2.6
8	☐			8198.05	0.0005	P	28.6

$$y = 1.6618\text{E-}004 * x + 1.3024\text{E-}006$$

$$R = 1.0000$$

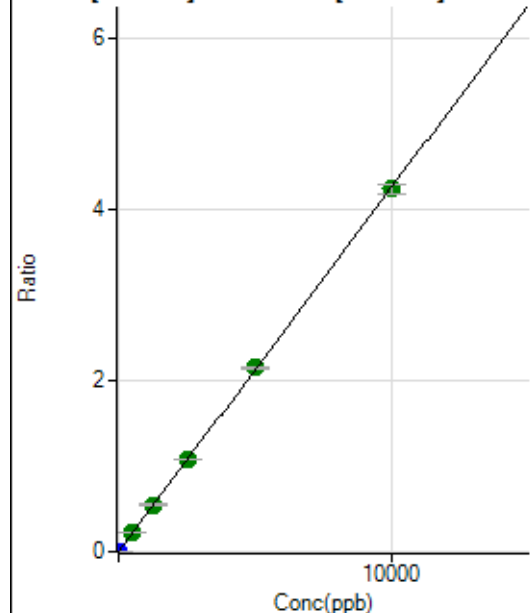
$$DL = 0.006678$$

$$BEC = 0.007837$$

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	60.00	0.0000	P	54.2
2	☐	5.000	4.829	36401.96	0.0021	P	0.6
3	☐	500.000	516.706	3857711.65	0.2196	A	0.8
4	☐	1250.000	1284.009	9429730.42	0.5457	A	1.7
5	☐	2500.000	2545.272	18622734.72	1.0817	A	0.3
6	☐	5000.000	5044.633	36879625.56	2.1439	A	1.3
7	☐	10000.000	9961.279	73874292.79	4.2334	A	2.3
8	☐			19747.51	0.0012	P	28.3

$$y = 4.2499\text{E-}004 * x + 3.3573\text{E-}006$$

$$R = 1.0000$$

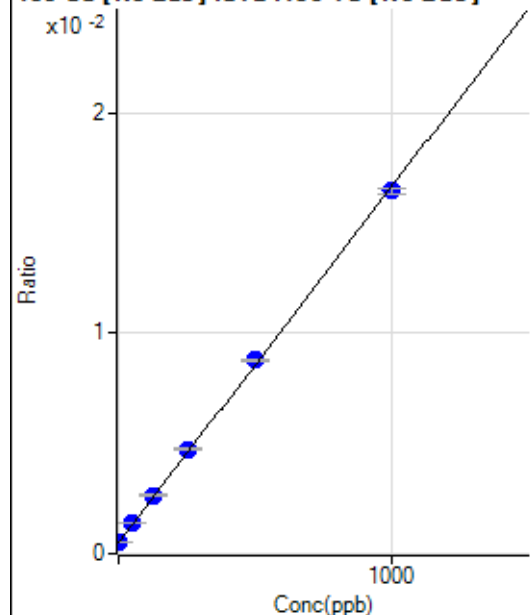
$$DL = 0.01285$$

$$BEC = 0.0079$$

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	7632.07	0.0005	P	2.4
2	☐	1.000	0.425	7662.10	0.0005	P	1.7
3	☐	50.000	56.329	21843.19	0.0014	P	2.7
4	☐	125.000	134.148	41248.37	0.0027	P	2.0
5	☐	250.000	263.055	74016.13	0.0047	P	1.5
6	☐	500.000	513.311	137087.07	0.0088	P	0.6
7	☐	1000.000	988.621	261422.91	0.0165	P	1.9
8	☐			7012.88	0.0005	P	1.0

$$y = 1.6167\text{E-}005 * x + 4.9385\text{E-}004$$

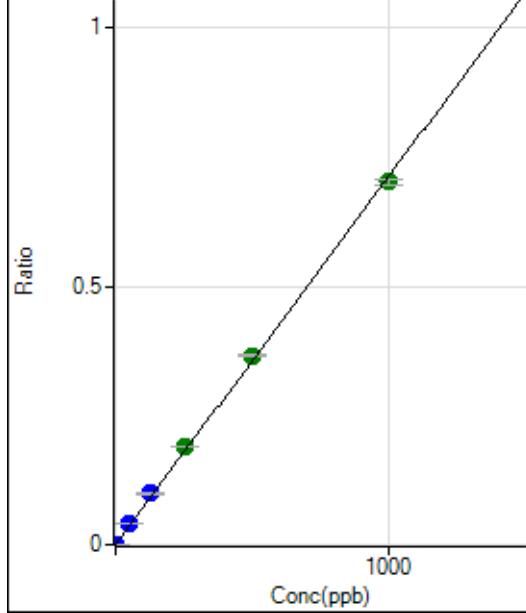
$$R = 0.9998$$

$$DL = 2.221$$

$$BEC = 30.55$$

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	93.33	0.0000	P	28.8
2	☐	1.000	1.053	11550.22	0.0008	P	2.8
3	☐	50.000	56.882	629382.63	0.0405	P	0.4
4	☐	125.000	139.219	1534058.16	0.0990	P	1.6
5	☐	250.000	267.921	2971491.87	0.1906	A	0.8
6	☐	500.000	514.525	5705903.11	0.3660	A	1.0
7	☐	1000.000	986.136	11128847.20	0.7014	A	1.5
8	☐			3104.83	0.0002	P	22.9

$$y = 7.1126\text{E-}004 * x + 6.0512\text{E-}006$$

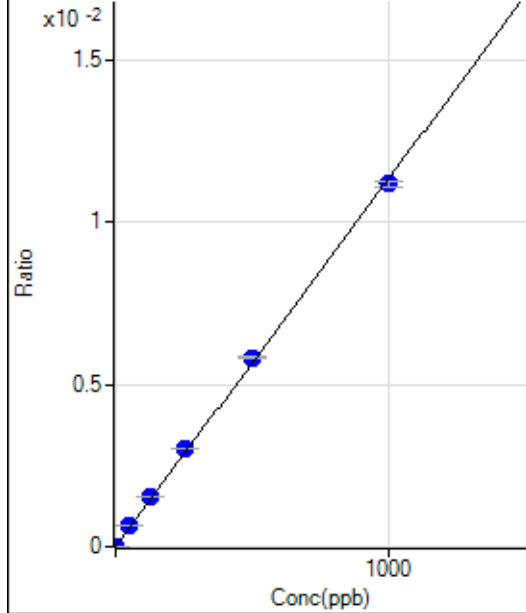
$$R = 0.9996$$

$$DL = 0.007339$$

$$BEC = 0.008508$$

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	15.55	0.0000	P	25.5
2	☐	1.000	1.014	191.11	0.0000	P	15.8
3	☐	50.000	55.688	9818.95	0.0006	P	2.5
4	☐	125.000	135.708	23809.63	0.0015	P	2.3
5	☐	250.000	268.474	47394.97	0.0030	P	0.5
6	☐	500.000	514.107	90736.81	0.0058	P	0.6
7	☐	1000.000	986.705	177201.18	0.0112	P	1.7
8	☐			156.67	0.0000	P	12.1

$$y = 1.1318\text{E-}005 * x + 1.0075\text{E-}006$$

$$R = 0.9996$$

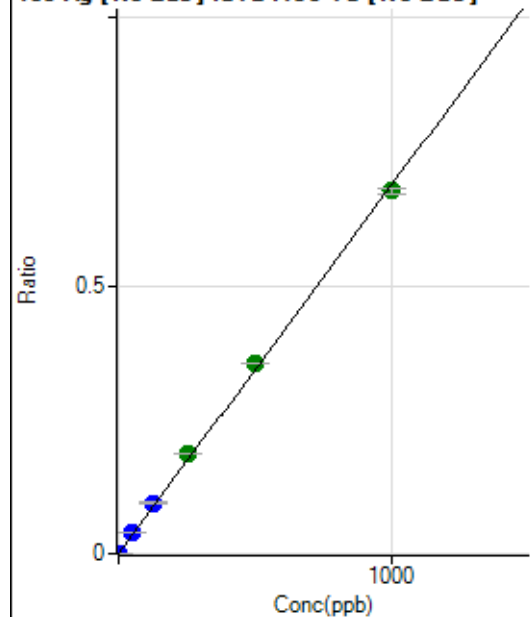
$$DL = 0.06816$$

$$BEC = 0.08902$$

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	24.44	0.0000	P	19.7
2	☐	1.000	1.042	10984.25	0.0007	P	2.7
3	☐	50.000	56.412	603177.70	0.0388	P	0.1
4	☐	125.000	137.386	1462949.89	0.0944	P	2.1
5	☐	250.000	271.412	2909035.34	0.1866	A	0.1
6	☐	500.000	516.242	5532776.44	0.3549	A	0.3
7	☐	1000.000	984.657	10738789.36	0.6768	A	1.8
8	☐			2987.02	0.0002	P	22.7

$$y = 6.8738\text{E-}004 * x + 1.5791\text{E-}006$$

$$R = 0.9995$$

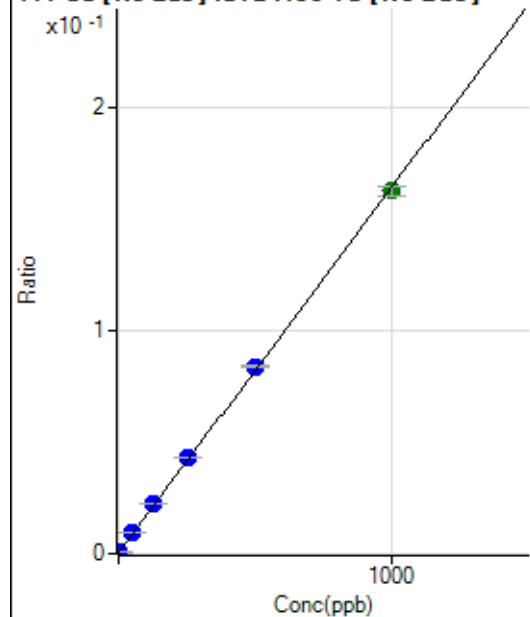
$$DL = 0.001356$$

$$BEC = 0.002297$$

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	5341.67	0.0003	P	2.4
2	☐	1.000	0.913	7578.96	0.0005	P	1.3
3	☐	50.000	54.744	144995.68	0.0093	P	0.8
4	☐	125.000	134.313	346528.33	0.0224	P	2.2
5	☐	250.000	260.818	672253.45	0.0431	P	0.3
6	☐	500.000	509.301	1307456.01	0.0839	P	1.0
7	☐	1000.000	991.244	2584303.24	0.1629	A	2.5
8	☐			7612.18	0.0005	P	37.2

$$y = 1.6397\text{E-}004 * x + 3.4565\text{E-}004$$

$$R = 0.9998$$

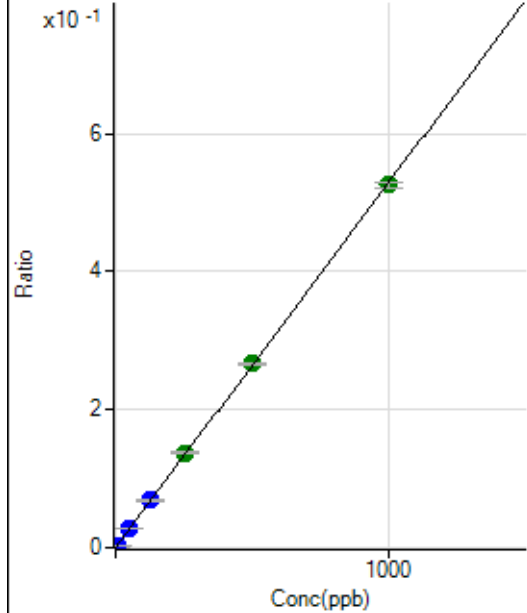
$$DL = 0.1522$$

$$BEC = 2.108$$

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	1032.30	0.0001	P	7.7
2	☐	5.000	4.918	40785.45	0.0027	P	0.7
3	☐	50.000	52.806	434988.67	0.0280	P	0.6
4	☐	125.000	129.912	1064329.49	0.0687	P	1.8
5	☐	250.000	259.268	2137005.21	0.1370	A	1.7
6	☐	500.000	504.906	4160133.17	0.2668	A	1.3
7	☐	1000.000	994.476	8337850.71	0.5255	A	1.2
8	☐			15381.64	0.0011	P	3.6

$$y = 5.2834\text{E-}004 * x + 6.6748\text{E-}005$$

$$R = 0.9999$$

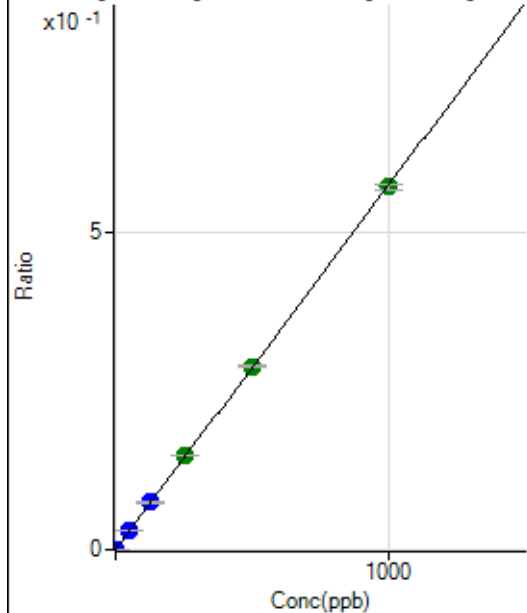
$$DL = 0.02901$$

$$BEC = 0.1263$$

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	51.11	0.0000	P	27.5
2	☐	2.000	1.945	17180.32	0.0011	P	0.7
3	☐	50.000	52.063	466014.47	0.0300	P	0.6
4	☐	125.000	129.306	1152640.80	0.0744	P	1.7
5	☐	250.000	258.317	2317751.55	0.1486	A	1.1
6	☐	500.000	503.403	4516341.36	0.2897	A	0.2
7	☐	1000.000	995.578	9089370.90	0.5729	A	1.3
8	☐			7006.22	0.0005	P	4.6

$$y = 5.7540\text{E-}004 * x + 3.3081\text{E-}006$$

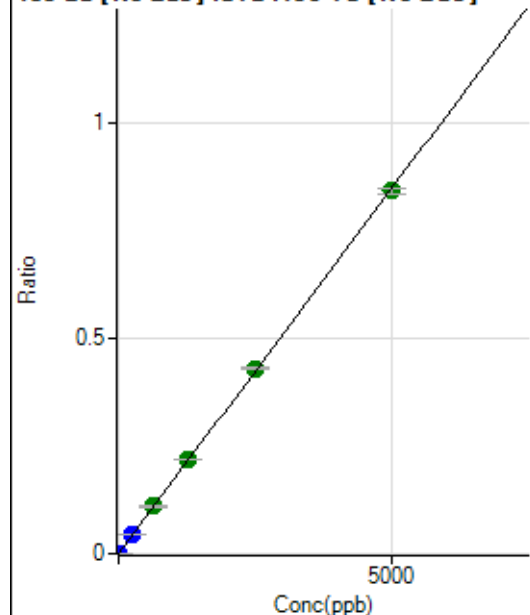
$$R = 1.0000$$

$$DL = 0.004737$$

$$BEC = 0.005749$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	51.3
2	☐	10.000	9.146	23710.91	0.0015	P	3.1
3	☐	250.000	253.054	665804.42	0.0428	P	0.7
4	☐	625.000	646.165	1693262.86	0.1093	A	1.2
5	☐	1250.000	1283.968	3386490.40	0.2172	A	0.2
6	☐	2500.000	2536.444	6689245.32	0.4290	A	1.6
7	☐	5000.000	4970.489	13339841.19	0.8408	A	1.8
8	☐			8364.78	0.0006	P	10.3

$$y = 1.6915\text{E-}004 * x + 2.6560\text{E-}006$$

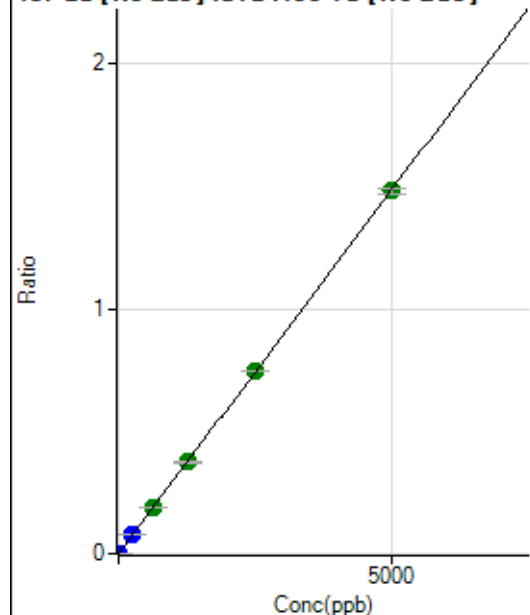
$$R = 0.9999$$

$$DL = 0.02416$$

$$BEC = 0.0157$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0000	P	8.2
2	☐	10.000	9.226	41965.00	0.0027	P	1.0
3	☐	250.000	253.166	1169159.60	0.0752	P	0.2
4	☐	625.000	638.983	2938873.46	0.1897	A	2.0
5	☐	1250.000	1263.597	5849851.58	0.3752	A	1.2
6	☐	2500.000	2510.521	11621138.72	0.7453	A	0.7
7	☐	5000.000	4989.436	23503531.32	1.4813	A	1.6
8	☐			14400.78	0.0010	P	9.6

$$y = 2.9689\text{E-}004 * x + 3.5202\text{E-}006$$

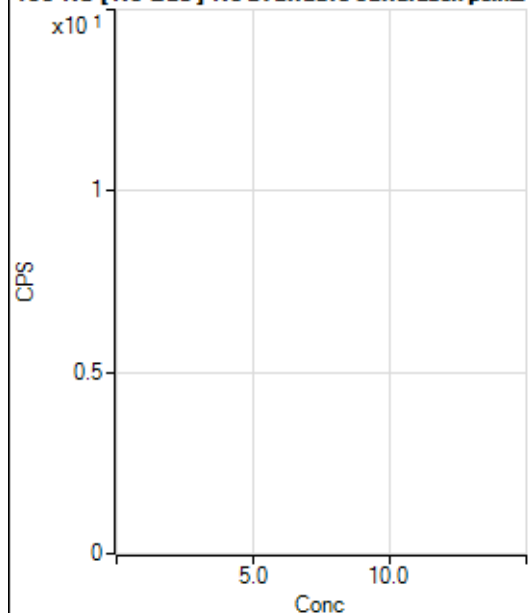
$$R = 1.0000$$

$$DL = 0.002926$$

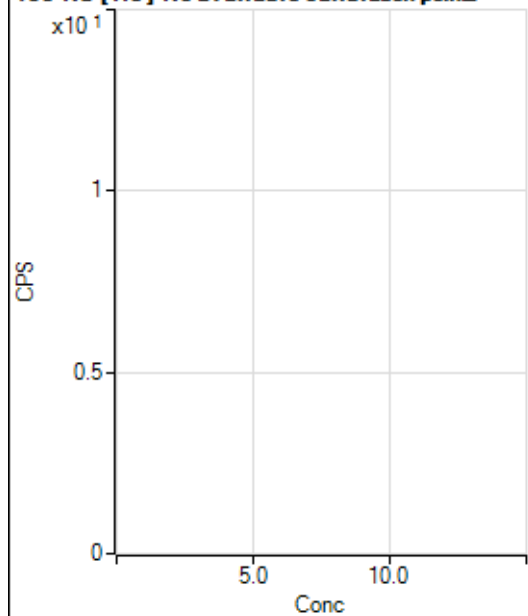
$$BEC = 0.01186$$

Weight: <None>

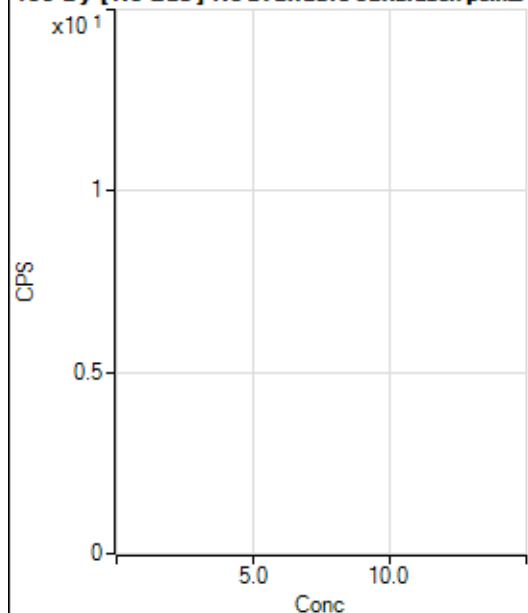
Min Conc: 0

150 Nd [No Gas] No available calibration points

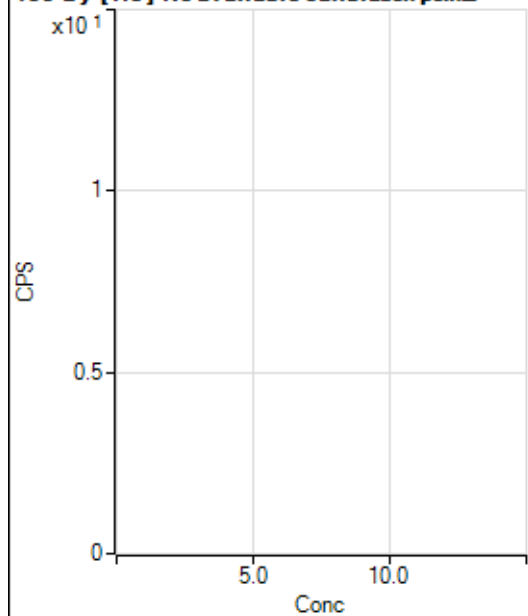
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.8
2	☐			7.78		P	24.7
3	☐			107.78		P	15.3
4	☐			256.67		P	10.3
5	☐			446.68		P	11.7
6	☐			818.92		P	5.8
7	☐			1725.68		P	2.0
8	☐			388.90		P	4.4

150 Nd [He] No available calibration points

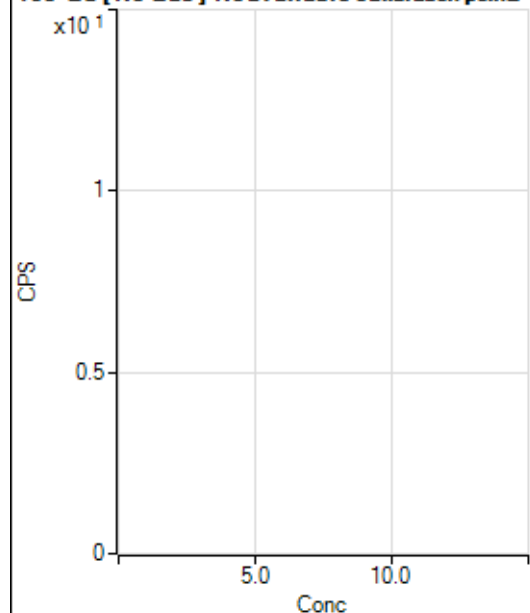
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			27.78		P	66.1
4	☐			65.55		P	24.0
5	☐			105.56		P	15.9
6	☐			227.78		P	12.8
7	☐			393.34		P	2.9
8	☐			180.00		P	10.3

156 Dy [No Gas] No available calibration points

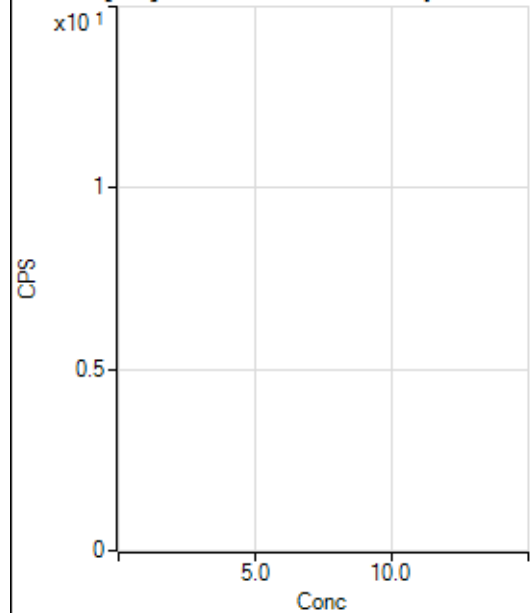
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			11.11		P	62.5
3	☐			55.56		P	39.9
4	☐			131.12		P	21.3
5	☐			236.67		P	5.1
6	☐			470.01		P	3.1
7	☐			895.59		P	2.2
8	☐			2277.99		P	6.3

156 Dy [He] No available calibration points

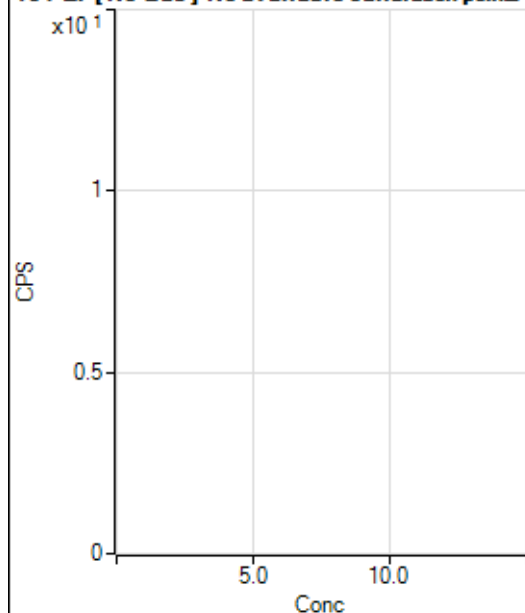
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			4.44		P	114.
3	☐			36.67		P	24.0
4	☐			91.11		P	12.8
5	☐			196.67		P	9.0
6	☐			343.34		P	6.1
7	☐			771.14		P	2.2
8	☐			1414.53		P	6.7

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

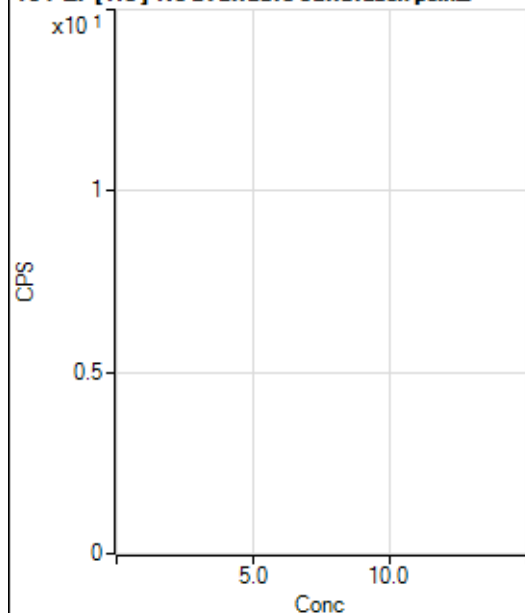
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			95.56		P	28.4
2	☐			96.67		P	28.2
3	☐			114.45		P	27.1
4	☐			158.89		P	13.6
5	☐			262.23		P	7.4
6	☐			400.01		P	7.2
7	☐			708.91		P	8.1
8	☐			2341.33		P	3.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			420.01		P	4.4
2	☐			388.90		P	9.4
3	☐			407.79		P	6.0
4	☐			412.23		P	2.6
5	☐			474.46		P	11.2
6	☐			616.69		P	5.7
7	☐			847.81		P	2.8
8	☐			1879.04		P	5.1

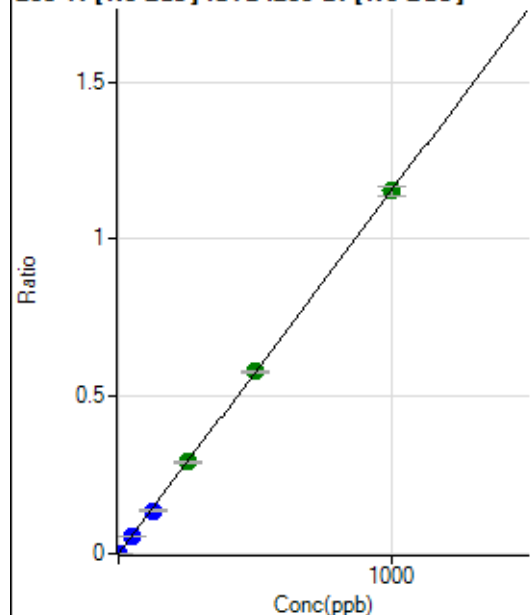
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	21.9
2	☐			121.11		P	15.2
3	☐			115.56		P	14.8
4	☐			122.22		P	26.2
5	☐			173.34		P	12.6
6	☐			220.01		P	20.0
7	☐			392.23		P	5.4
8	☐			373.34		P	4.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	16.2
2	☐			58.89		P	6.5
3	☐			54.45		P	7.1
4	☐			91.11		P	18.4
5	☐			98.89		P	18.6
6	☐			145.56		P	19.5
7	☐			215.56		P	11.7
8	☐			244.45		P	8.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	6.2
2	☐	1.000	0.856	8777.35	0.0010	P	1.6
3	☐	50.000	48.141	488577.85	0.0556	P	1.1
4	☐	125.000	118.860	1216888.39	0.1372	P	1.5
5	☐	250.000	251.811	2560252.39	0.2906	A	1.0
6	☐	500.000	501.703	5051284.86	0.5789	A	1.4
7	☐	1000.000	999.557	10046174.09	1.1533	A	2.7
8	☐			2530.27	0.0004	P	26.1

$$y = 0.0012 * x + 1.5343E-005$$

$$R = 1.0000$$

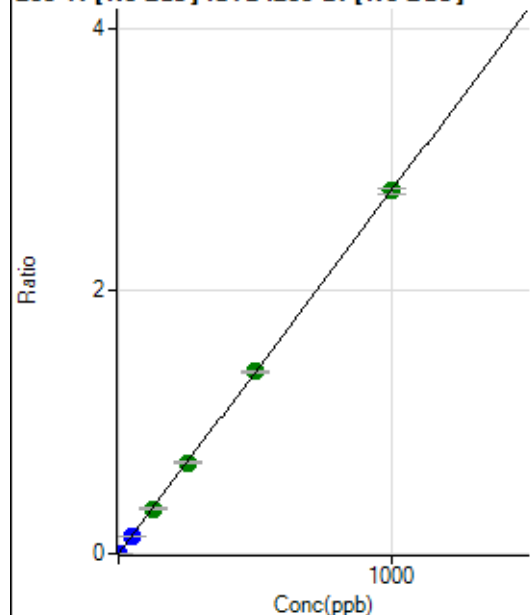
$$DL = 0.002491$$

$$BEC = 0.0133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	307.79	0.0000	P	12.8
2	☐	1.000	0.867	21281.13	0.0024	P	1.5
3	☐	50.000	47.495	1155164.97	0.1314	P	0.9
4	☐	125.000	124.394	3051648.67	0.3440	A	2.8
5	☐	250.000	251.007	6115451.16	0.6941	A	1.0
6	☐	500.000	501.672	12104145.38	1.3872	A	1.1
7	☐	1000.000	999.113	24065874.36	2.7626	A	1.8
8	☐			5948.07	0.0008	P	22.8

$$y = 0.0028 * x + 3.4831E-005$$

$$R = 1.0000$$

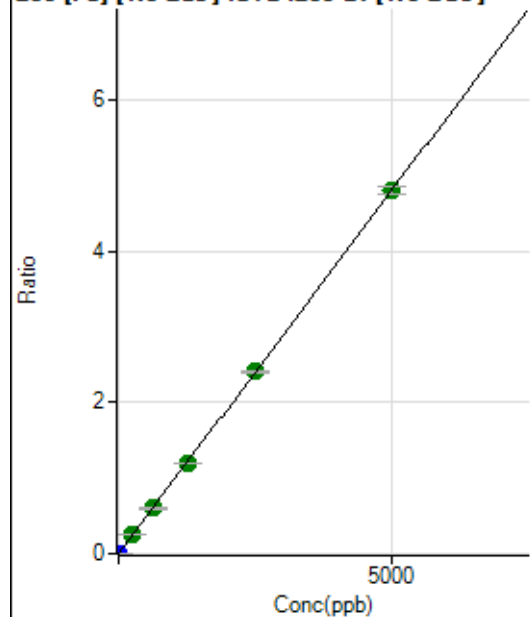
$$DL = 0.004832$$

$$BEC = 0.0126$$

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	325.56	0.0000	P	11.3
2	☐	1.000	0.884	7746.73	0.0009	P	1.5
3	☐	250.000	253.641	2140342.42	0.2434	A	1.0
4	☐	625.000	622.603	5300228.60	0.5974	A	1.9
5	☐	1250.000	1242.611	10505210.26	1.1923	A	0.5
6	☐	2500.000	2506.966	20988723.72	2.4054	A	1.4
7	☐	5000.000	4998.482	41778313.54	4.7960	A	2.0
8	☐			40495.82	0.0057	P	5.9

$$y = 9.5949\text{E-}004 * x + 3.6858\text{E-}005$$

$$R = 1.0000$$

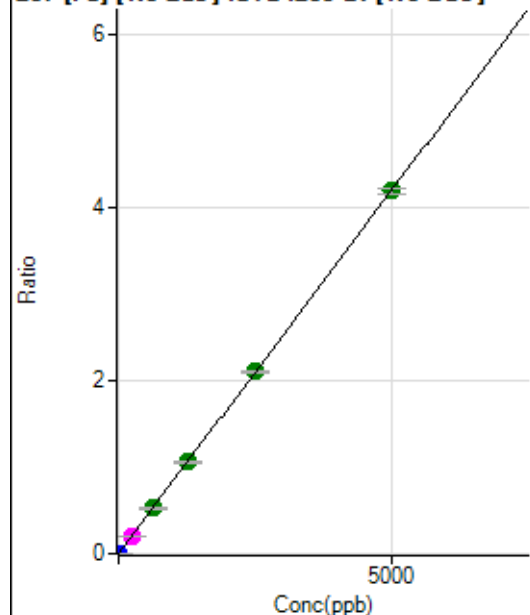
$$DL = 0.01303$$

$$BEC = 0.03841$$

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	304.45	0.0000	P	19.2
2	☐	1.000	0.857	6598.34	0.0008	P	2.4
3	☐	250.000	246.697	1822009.96	0.2072	M	3.1
4	☐	625.000	624.576	4652626.77	0.5244	A	2.0
5	☐	1250.000	1262.646	9340702.29	1.0601	A	0.8
6	☐	2500.000	2502.829	18334353.89	2.1014	A	2.0
7	☐	5000.000	4995.642	36537195.01	4.1943	A	1.7
8	☐			33748.65	0.0047	P	6.8

$$y = 8.3958\text{E-}004 * x + 3.4448\text{E-}005$$

$$R = 1.0000$$

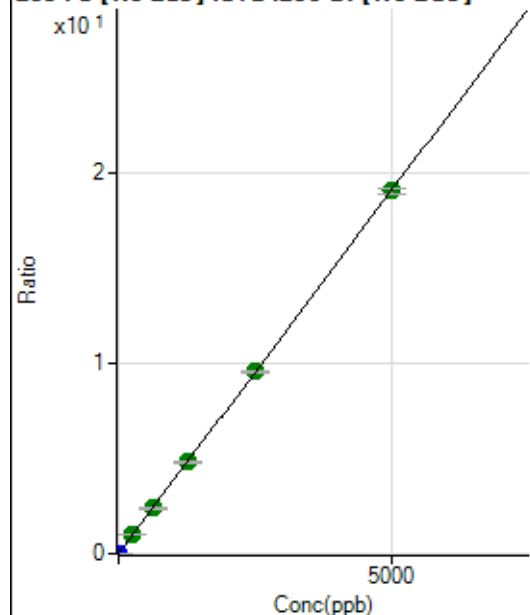
$$DL = 0.02367$$

$$BEC = 0.04103$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1364.48	0.0002	P	6.6
2	☐	1.000	0.874	30561.53	0.0035	P	1.5
3	☐	250.000	252.202	8468603.97	0.9630	A	0.3
4	☐	625.000	625.766	21196588.96	2.3891	A	1.5
5	☐	1250.000	1261.514	42434719.44	4.8162	A	0.9
6	☐	2500.000	2506.202	83487930.84	9.5680	A	1.1
7	☐	5000.000	4993.814	166078351.6	19.0650	A	1.7
8	☐			156217.31	0.0219	P	6.3

$$y = 0.0038 * x + 1.5444E-004$$

$$R = 1.0000$$

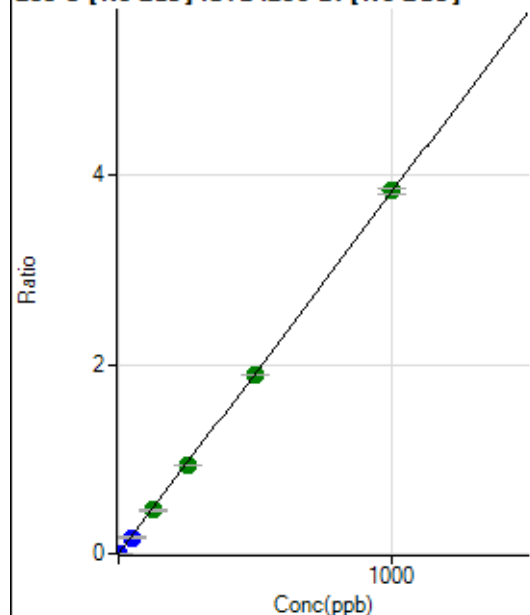
$$DL = 0.007963$$

$$BEC = 0.04045$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	12.7
2	☐	1.000	0.814	27190.00	0.0031	P	0.8
3	☐	50.000	45.061	1512080.17	0.1719	P	1.2
4	☐	125.000	119.954	4060224.24	0.4577	A	4.1
5	☐	250.000	243.671	8192829.88	0.9298	A	0.7
6	☐	500.000	495.494	16498220.31	1.8907	A	0.9
7	☐	1000.000	1004.713	33396621.45	3.8338	A	1.8
8	☐			6455.04	0.0009	P	28.0

$$y = 0.0038 * x + 1.7613E-006$$

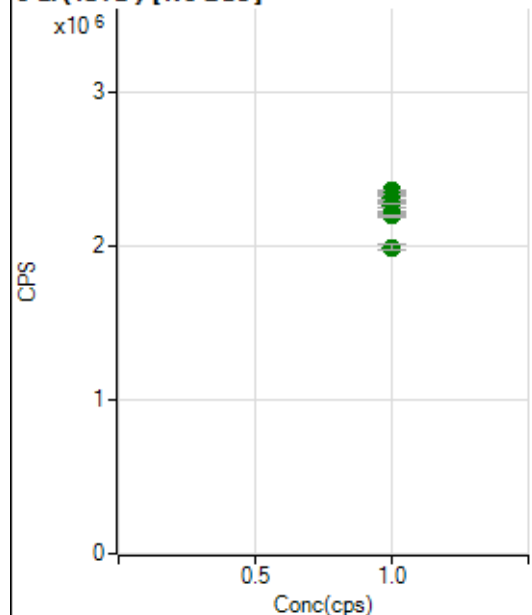
$$R = 1.0000$$

$$DL = 0.0001764$$

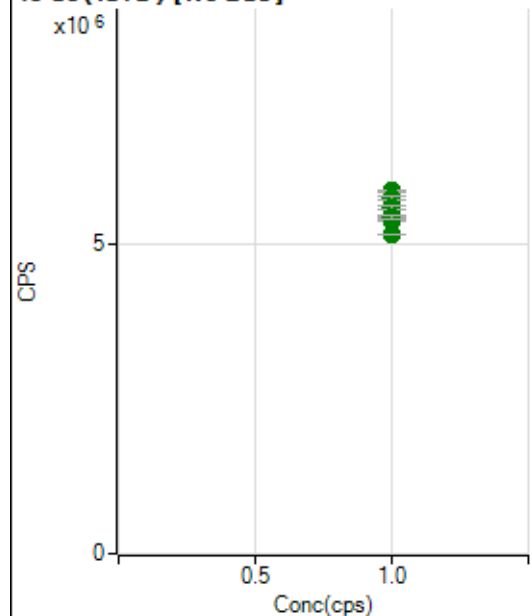
$$BEC = 0.0004616$$

Weight: <None>

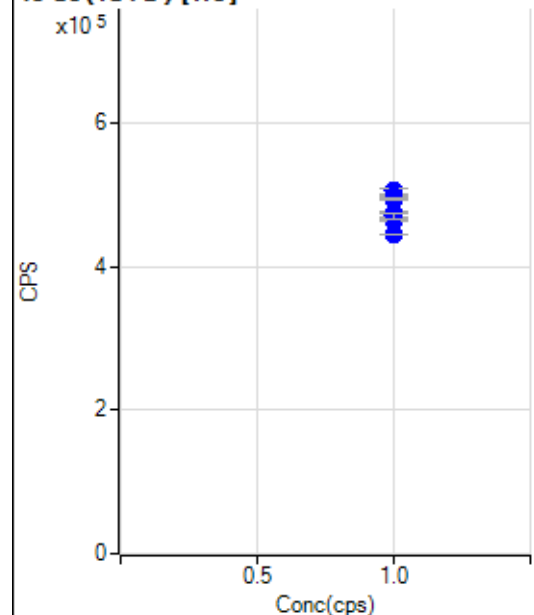
Min Conc: 0

6 Li (ISTD) [No Gas]

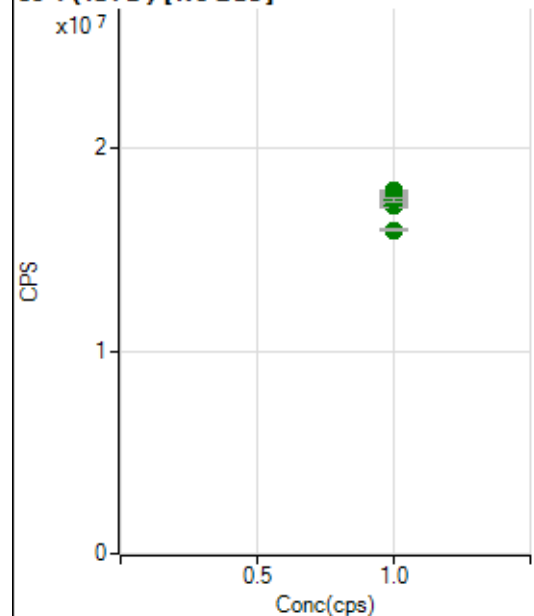
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2356244.25		A	0.7
2	☐	1.000		2315466.75		A	1.2
3	☐	1.000		2327416.47		A	0.9
4	☐	1.000		2296406.58		A	0.6
5	☐	1.000		2260889.71		A	0.7
6	☐	1.000		2211691.01		A	0.7
7	☐	1.000		2192830.76		A	0.4
8	☐	1.000		1990589.73		A	1.8

45 Sc (ISTD) [No Gas]

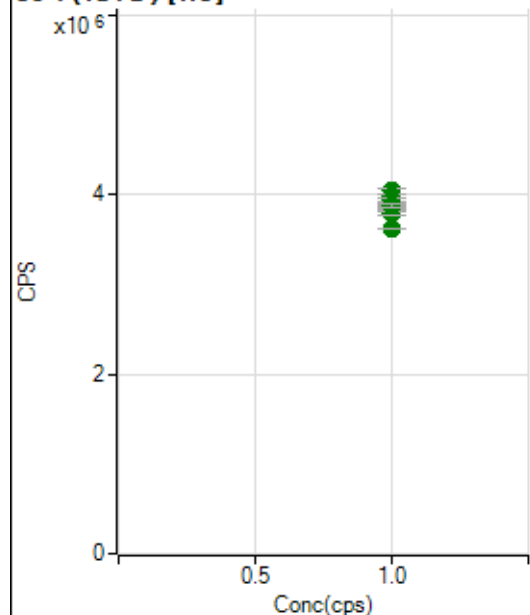
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5844566.72		A	0.4
2	☐	1.000		5725872.76		A	0.8
3	☐	1.000		5735701.30		A	0.9
4	☐	1.000		5564987.42		A	1.3
5	☐	1.000		5406820.75		A	0.4
6	☐	1.000		5372584.47		A	0.6
7	☐	1.000		5420895.34		A	0.6
8	☐	1.000		5143651.77		A	0.1

45 Sc (ISTD) [He]

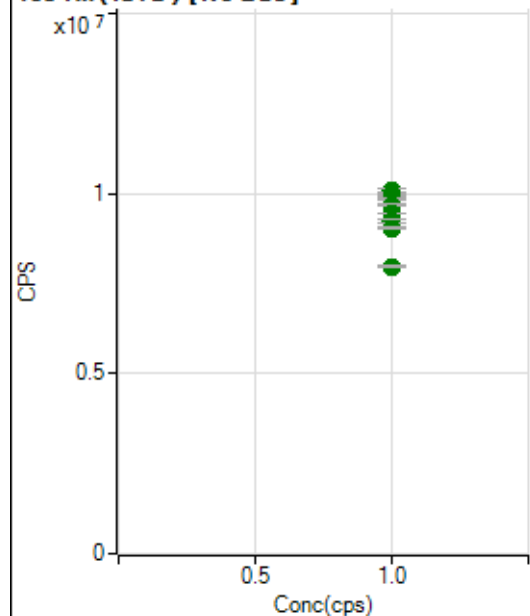
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		506238.19		P	1.6
2	☐	1.000		498077.29		P	0.2
3	☐	1.000		494179.76		P	0.4
4	☐	1.000		476071.51		P	1.0
5	☐	1.000		472491.53		P	1.4
6	☐	1.000		463271.20		P	0.2
7	☐	1.000		471572.60		P	1.6
8	☐	1.000		444809.06		P	0.1

89 Y (ISTD) [No Gas]

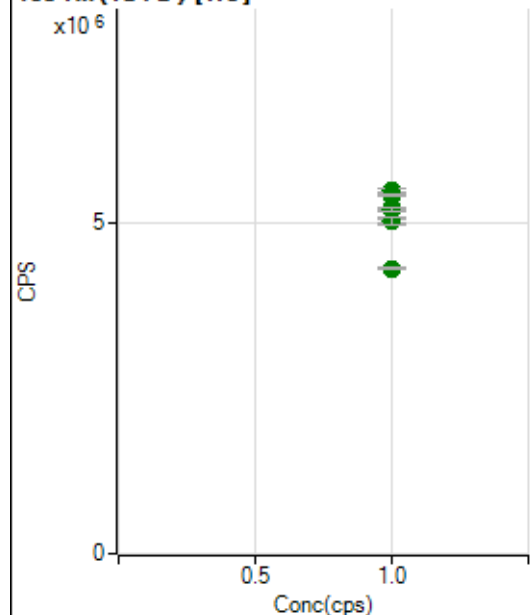
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17906551.40		A	0.8
2	☐	1.000		17707971.13		A	0.3
3	☐	1.000		17567708.77		A	0.7
4	☐	1.000		17281950.85		A	0.9
5	☐	1.000		17215829.88		A	0.3
6	☐	1.000		17202967.94		A	0.9
7	☐	1.000		17452812.24		A	1.0
8	☐	1.000		15976492.26		A	0.7

89 Y (ISTD) [He]

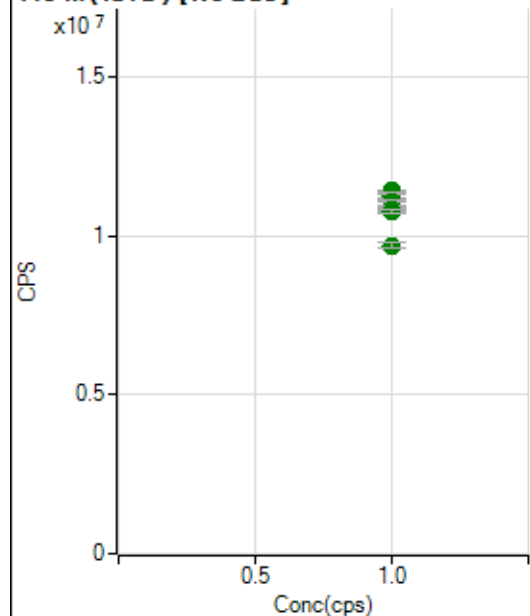
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4044814.14		A	1.3
2	☐	1.000		3987496.33		A	0.6
3	☐	1.000		3953088.28		A	1.0
4	☐	1.000		3850961.65		A	1.0
5	☐	1.000		3849070.60		A	1.2
6	☐	1.000		3797116.16		A	1.2
7	☐	1.000		3880875.81		A	1.4
8	☐	1.000		3625760.36		A	0.4

103 Rh (ISTD) [No Gas]

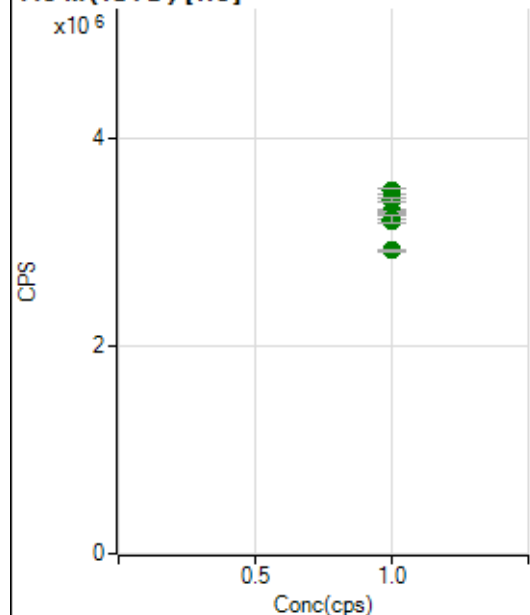
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10062525.13		A	0.9
2	☐	1.000		9954149.85		A	0.5
3	☐	1.000		9841733.12		A	1.0
4	☐	1.000		9676962.08		A	0.5
5	☐	1.000		9446140.00		A	0.4
6	☐	1.000		9213148.40		A	1.0
7	☐	1.000		9029276.88		A	0.3
8	☐	1.000		7957230.51		A	0.6

103 Rh (ISTD) [He]

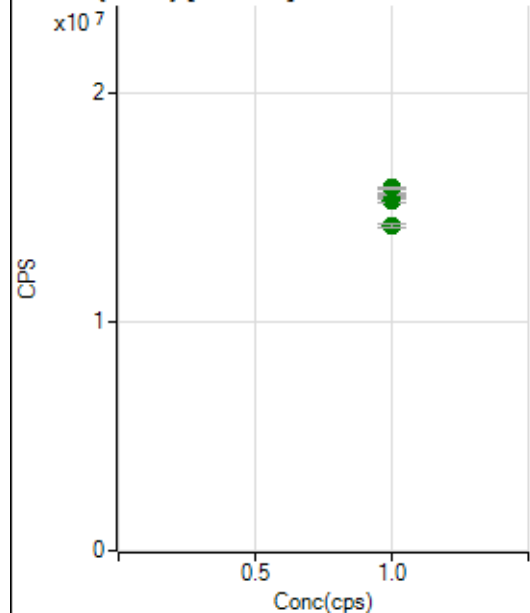
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5479759.71		A	1.4
2	☐	1.000		5442406.24		A	0.7
3	☐	1.000		5405637.76		A	0.5
4	☐	1.000		5216426.66		A	0.3
5	☐	1.000		5201016.31		A	1.2
6	☐	1.000		5018179.89		A	1.3
7	☐	1.000		5030227.46		A	2.0
8	☐	1.000		4312683.79		A	0.4

115 In (ISTD) [No Gas]

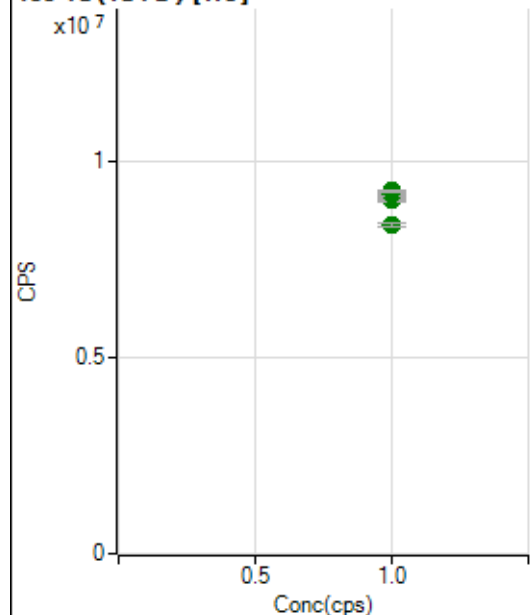
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11400273.67		A	0.3
2	☐	1.000		11224676.36		A	1.3
3	☐	1.000		11310419.19		A	0.4
4	☐	1.000		11086419.25		A	0.5
5	☐	1.000		10831787.24		A	0.3
6	☐	1.000		10843596.74		A	1.2
7	☐	1.000		10735863.55		A	1.1
8	☐	1.000		9695627.46		A	1.4

115 In (ISTD) [He]

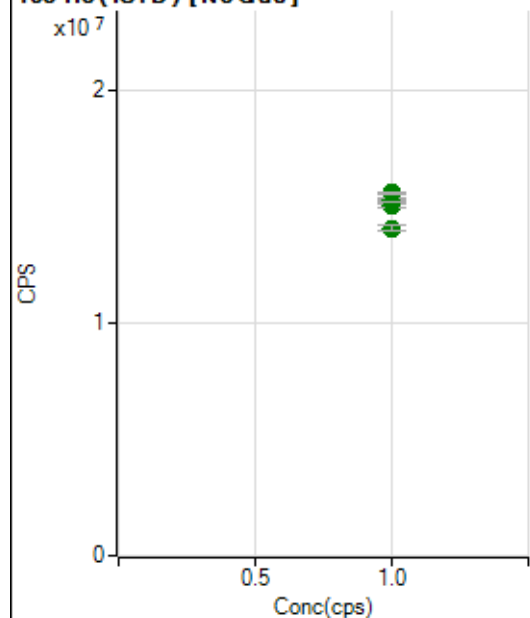
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3490396.00		A	1.7
2	☐	1.000		3426781.22		A	0.2
3	☐	1.000		3406816.59		A	1.2
4	☐	1.000		3297789.30		A	0.8
5	☐	1.000		3279944.51		A	0.3
6	☐	1.000		3204888.19		A	1.0
7	☐	1.000		3215650.08		A	2.3
8	☐	1.000		2914216.64		A	1.0

159 Tb (ISTD) [No Gas]

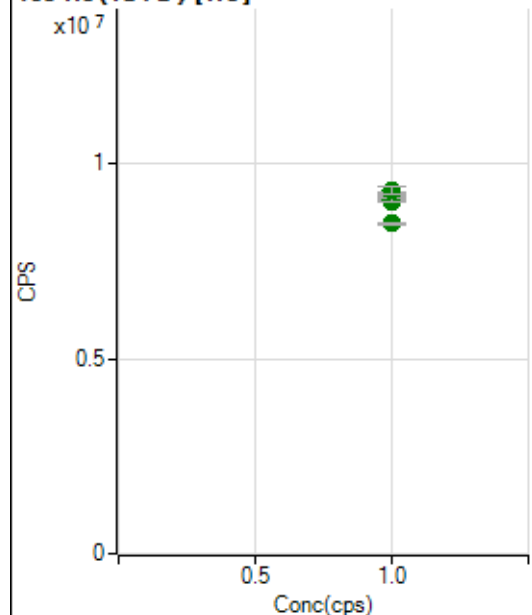
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15456813.24		A	1.1
2	☐	1.000		15302153.25		A	0.6
3	☐	1.000		15554659.91		A	1.2
4	☐	1.000		15492076.16		A	0.5
5	☐	1.000		15592664.63		A	0.5
6	☐	1.000		15591763.52		A	0.6
7	☐	1.000		15867691.43		A	0.8
8	☐	1.000		14201852.42		A	1.0

159 Tb (ISTD) [He]

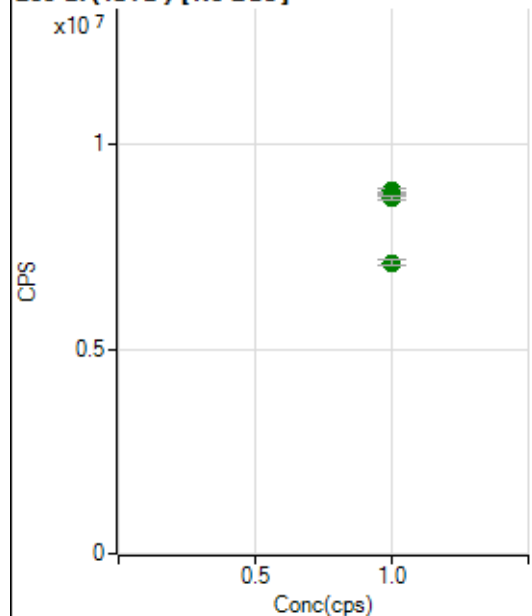
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9113391.81		A	1.3
2	☐	1.000		9072238.96		A	0.6
3	☐	1.000		9143785.42		A	1.5
4	☐	1.000		9005530.42		A	0.6
5	☐	1.000		9157173.41		A	1.0
6	☐	1.000		9156065.56		A	0.7
7	☐	1.000		9238302.71		A	0.7
8	☐	1.000		8380969.81		A	1.0

165 Ho (ISTD) [No Gas]

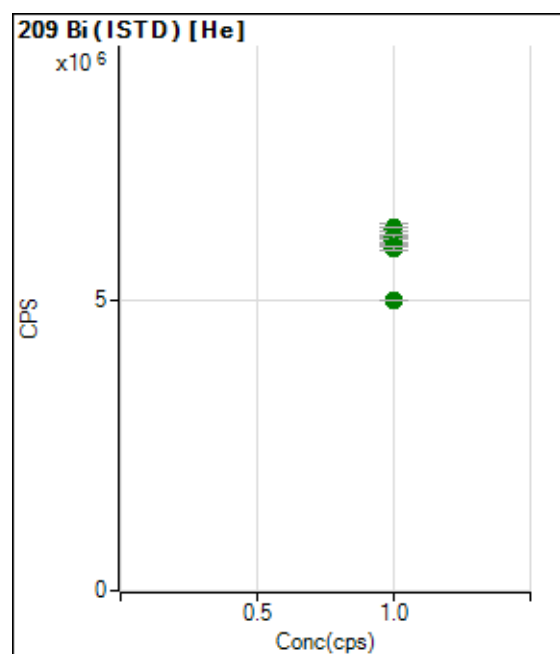
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15122652.13		A	0.4
2	☐	1.000		15055327.97		A	0.9
3	☐	1.000		15308472.00		A	1.0
4	☐	1.000		15181067.83		A	1.0
5	☐	1.000		15281065.75		A	1.2
6	☐	1.000		15284928.94		A	0.7
7	☐	1.000		15582724.90		A	0.8
8	☐	1.000		14068665.49		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9167707.92		A	2.1
2	☐	1.000		9056329.24		A	0.6
3	☐	1.000		9253612.15		A	0.4
4	☐	1.000		9128361.88		A	0.9
5	☐	1.000		9241646.94		A	0.9
6	☐	1.000		9080113.48		A	0.8
7	☐	1.000		9311894.17		A	2.0
8	☐	1.000		8466125.85		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8835394.52		A	0.4
2	☐	1.000		8754033.48		A	0.5
3	☐	1.000		8794013.34		A	1.0
4	☐	1.000		8872980.98		A	1.0
5	☐	1.000		8811086.05		A	0.9
6	☐	1.000		8726554.66		A	1.3
7	☐	1.000		8712277.72		A	1.1
8	☐	1.000		7115851.70		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6243669.28		A	2.0
2	☐	1.000		6081953.03		A	0.5
3	☐	1.000		6222676.92		A	1.5
4	☐	1.000		6009187.34		A	1.1
5	☐	1.000		6090735.74		A	0.8
6	☐	1.000		5935450.54		A	0.6
7	☐	1.000		5888741.44		A	1.3
8	☐	1.000		4985153.81		A	0.1