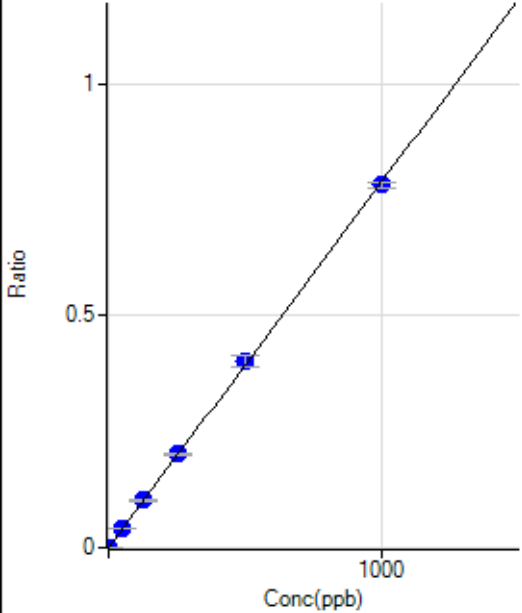


Calibration for 009CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7071724-MS2.b\
 Analysis File: P7071724-MS2.batch.bin
 DA Date-Time: 2024-07-17 15:41:01
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-07-17 13:09:42
2	005CALS.d	S02	2024-07-17 13:13:04
3	006CALS.d	S03	2024-07-17 13:16:28
4	007CALS.d	S04	2024-07-17 13:19:46
5	008CALS.d	S05	2024-07-17 13:23:00
6	009CALS.d	S06	2024-07-17 13:26:03
7	010CALS.d	S07	2024-07-17 13:29:04
8	011CALS.d	S08	2024-07-17 13:31:57

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0001	P	40.8
2	☐	1.000	1.070	401.12	0.0009	P	12.6
3	☐	50.000	52.299	17514.38	0.0413	P	1.1
4	☐	125.000	129.022	42971.43	0.1017	P	0.9
5	☐	250.000	255.207	82202.32	0.2011	P	1.2
6	☐	500.000	511.040	161228.02	0.4026	P	6.4
7	☐	1000.000	992.561	321797.09	0.7818	P	1.5
8	☐			488.90	0.0012	P	18.7

$y = 7.8752E-004 * x + 1.0312E-004$

R = 0.9999

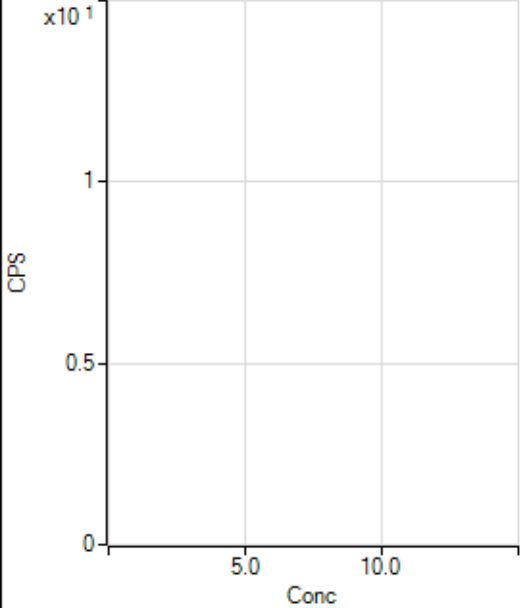
DL = 0.1604

BEC = 0.1309

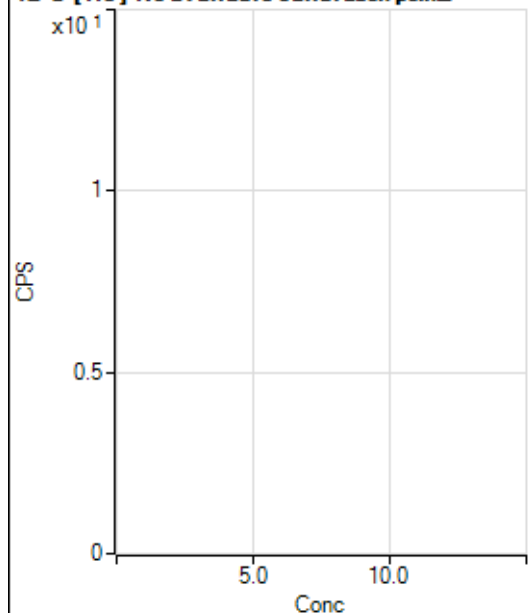
Weight: <None>

Min Conc: 0

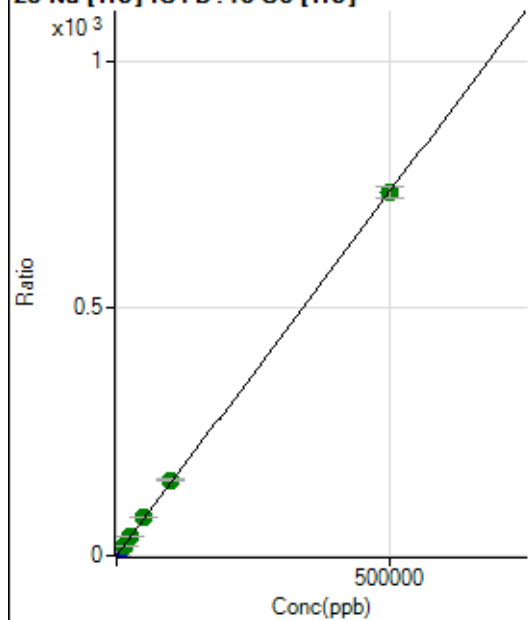
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5597.73	0.0464	P	4.2
2	☐	500.000	485.533	96668.50	0.7600	P	5.7
3	☐	5000.000	5400.907	972313.09	7.9841	P	1.1
4	☐	12500.000	13187.429	2311352.99	19.4279	A	0.9
5	☐	25000.000	26524.676	4504419.48	39.0296	A	1.5
6	☐	50000.000	52189.813	8920642.16	76.7495	A	1.5
7	☐	100000.00	104331.24	17922049.45	153.3815	A	0.3
8	☐	500000.00	498817.35	84660732.07	733.1555	A	3.1

$$y = 0.0015 * x + 0.0464$$

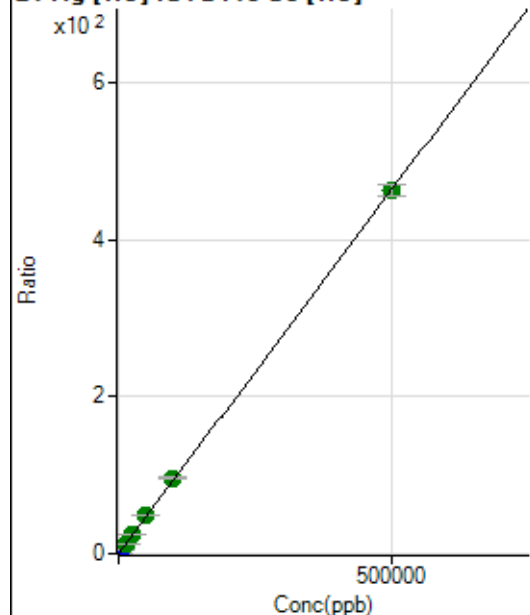
$$R = 1.0000$$

$$DL = 3.945$$

$$BEC = 31.6$$

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	901.15	0.0075	P	7.2
2	☐	500.000	490.345	58702.51	0.4616	P	6.4
3	☐	5000.000	5446.174	615237.52	5.0518	P	0.7
4	☐	12500.000	13300.864	1466554.42	12.3270	A	0.5
5	☐	25000.000	26791.543	2864521.28	24.8223	A	2.3
6	☐	50000.000	52296.150	5630898.53	48.4450	A	1.3
7	☐	100000.00	104335.56	11292243.17	96.6448	A	0.9
8	☐	500000.00	498789.22	53346333.65	461.9944	A	3.3

$$y = 9.2622\text{E-}004 * x + 0.0075$$

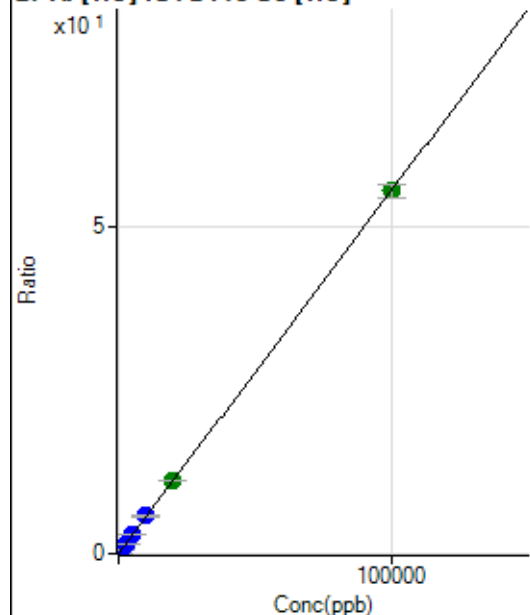
$$R = 1.0000$$

$$DL = 1.733$$

$$BEC = 8.075$$

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	105.56	0.0009	P	32.0
2	☐	20.000	17.421	1343.41	0.0106	P	7.9
3	☐	1000.000	1049.506	71230.63	0.5849	P	1.5
4	☐	2500.000	2597.015	172042.72	1.4461	P	0.4
5	☐	5000.000	5239.431	336605.73	2.9166	P	1.3
6	☐	10000.000	10377.329	671318.09	5.7757	P	1.5
7	☐	20000.000	20217.427	1314669.46	11.2516	A	1.2
8	☐	100000.00	99903.890	6419529.56	55.5962	A	3.4

$$y = 5.5649\text{E-}004 * x + 8.7641\text{E-}004$$

$$R = 1.0000$$

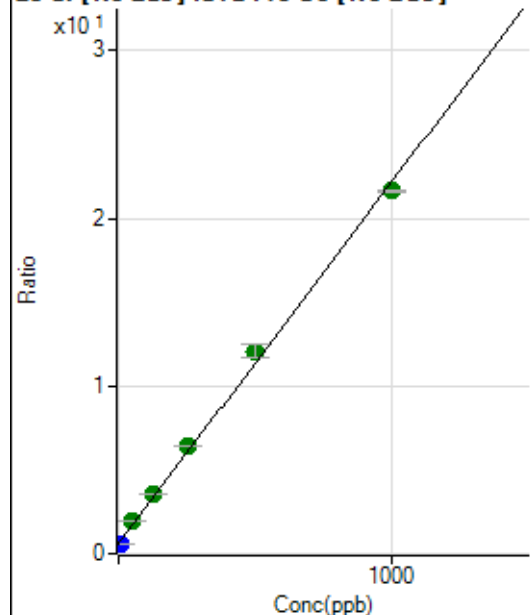
$$DL = 1.513$$

$$BEC = 1.575$$

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	644234.88	0.6005	P	2.2
2	☐	10.000	-0.356	637320.51	0.5928	P	2.6
3	☐	50.000	63.522	2113499.72	1.9693	A	0.7
4	☐	125.000	135.688	3757184.14	3.5244	A	1.0
5	☐	250.000	269.318	6509859.97	6.4040	A	0.9
6	☐	500.000	533.495	12084502.32	12.0967	A	7.1
7	☐	1000.000	976.515	22464810.22	21.6432	A	0.6
8	☐			690405.34	0.7105	P	10.1

$$y = 0.0215 * x + 0.6005$$

$$R = 0.9987$$

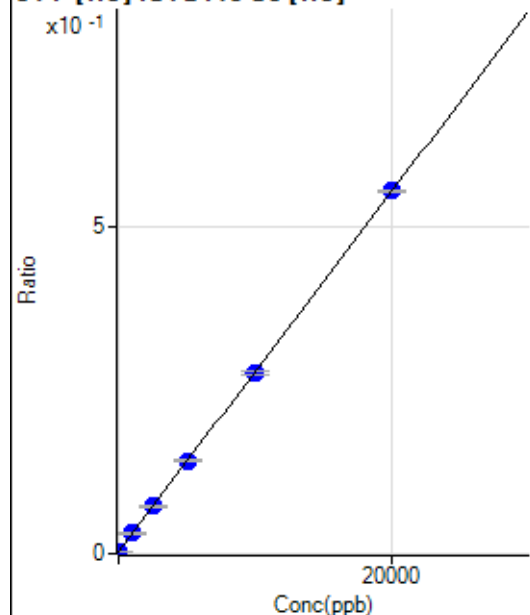
$$DL = 1.856$$

$$BEC = 27.87$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.474	333.34	0.0028	P	6.3
2	☐	0.000	11.474	433.34	0.0034	P	1.6
3	☐	1000.000	1014.696	3781.61	0.0311	P	1.0
4	☐	2500.000	2526.145	8651.39	0.0727	P	2.5
5	☐	5000.000	5030.934	16358.79	0.1418	P	2.6
6	☐	10000.000	9892.348	32051.33	0.2758	P	2.0
7	☐	20000.000	20042.090	64913.50	0.5555	P	0.4
8	☐			424.46	0.0037	P	8.4

$$y = 2.7565E-005 * x + 0.0031$$

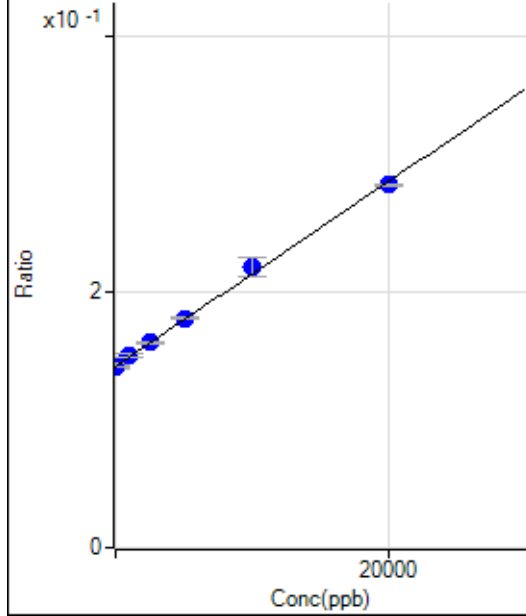
$$R = 1.0000$$

$$DL = 12.45$$

$$BEC = 111.8$$

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	-66.628	151802.90	0.1415	P	2.3
2	☐	0.000	66.628	153155.22	0.1425	P	2.1
3	☐	1000.000	1176.770	161494.21	0.1505	P	1.2
4	☐	2500.000	2527.870	170842.06	0.1603	P	1.2
5	☐	5000.000	5193.257	182492.18	0.1795	P	0.9
6	☐	10000.000	10655.955	218839.95	0.2190	P	6.7
7	☐	20000.000	19611.386	294548.81	0.2838	P	0.5
8	☐			154809.92	0.1590	P	6.6

$$y = 7.2308\text{E-}006 * x + 0.1420$$

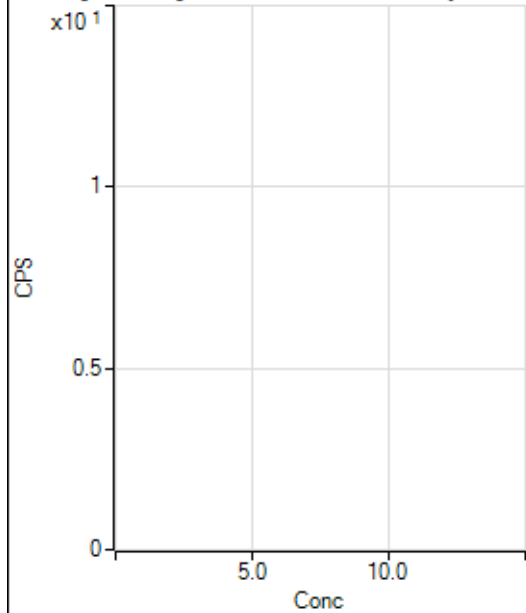
$$R = 0.9991$$

$$DL = 1285$$

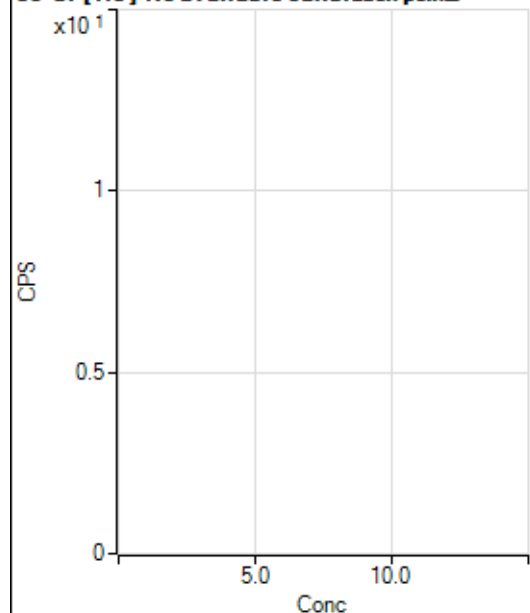
$$BEC = 1.963\text{E}+04$$

Weight: <None>

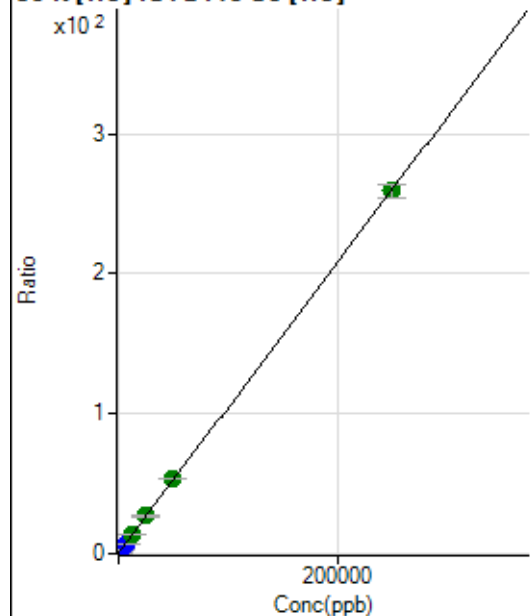
Min Conc: 0

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	69648.27	0.5780	P	1.8
2	☐	500.000	456.697	133698.44	1.0511	P	5.7
3	☐	2500.000	2689.833	409764.72	3.3646	P	0.9
4	☐	6250.000	6724.624	897571.40	7.5445	P	0.3
5	☐	12500.000	12860.538	1604471.80	13.9011	A	0.8
6	☐	25000.000	25417.194	3127758.74	26.9094	A	1.5
7	☐	50000.000	51037.469	6245160.95	53.4512	A	1.5
8	☐	250000.00	249719.08	29936449.28	259.2788	A	3.7

$$y = 0.0010 * x + 0.5780$$

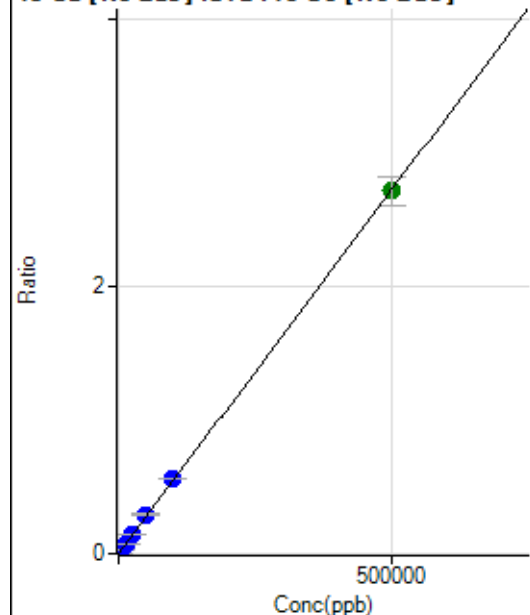
$$R = 1.0000$$

$$DL = 29.85$$

$$BEC = 558$$

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	92.22	0.0001	P	12.2
2	☐	500.000	471.146	2844.74	0.0026	P	8.8
3	☐	5000.000	5241.357	30669.90	0.0286	P	0.9
4	☐	12500.000	13208.959	76638.77	0.0719	P	0.7
5	☐	25000.000	26619.809	147181.69	0.1448	P	1.2
6	☐	50000.000	53977.795	293092.15	0.2935	P	8.1
7	☐	100000.00	102996.82	581216.82	0.5600	P	0.8
8	☐	500000.00	498901.75	2638450.05	2.7121	A	7.7

$$y = 5.4359\text{E-}006 * x + 8.5986\text{E-}005$$

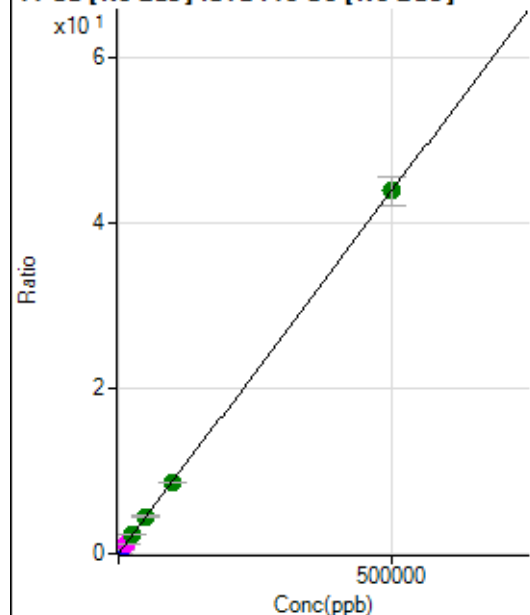
$$R = 1.0000$$

$$DL = 5.776$$

$$BEC = 15.82$$

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	16302.22	0.0152	P	2.5
2	☐	500.000	466.670	60368.32	0.0561	P	2.8
3	☐	5000.000	5116.462	498258.25	0.4643	P	0.3
4	☐	12500.000	12559.814	1191372.96	1.1176	M	1.7
5	☐	25000.000	25389.076	2280600.66	2.2436	A	1.8
6	☐	50000.000	50905.847	4478906.01	4.4832	A	7.0
7	☐	100000.00	98089.911	8951994.59	8.6246	A	0.4
8	☐	500000.00	500269.35	42734201.59	43.9242	A	7.6

$$y = 8.7771\text{E-}005 * x + 0.0152$$

$$R = 1.0000$$

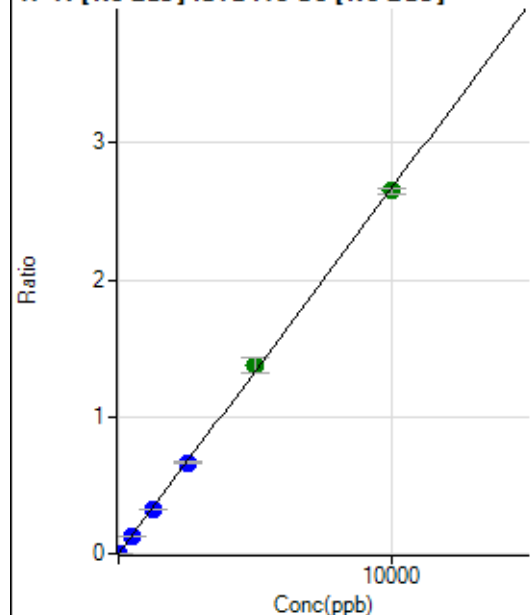
$$DL = 12.74$$

$$BEC = 173.1$$

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	52.22	0.0000	P	34.5
2	☐	5.000	4.516	1347.85	0.0013	P	6.5
3	☐	500.000	494.107	141487.08	0.1318	P	0.5
4	☐	1250.000	1226.685	348842.25	0.3272	P	0.7
5	☐	2500.000	2494.996	676493.18	0.6655	P	1.3
6	☐	5000.000	5148.755	1371402.12	1.3733	A	8.1
7	☐	10000.000	9930.083	2749035.86	2.6486	A	1.8
8	☐			570.02	0.0006	P	13.4

$$y = 2.6672\text{E-}004 * x + 4.8571\text{E-}005$$

$$R = 0.9998$$

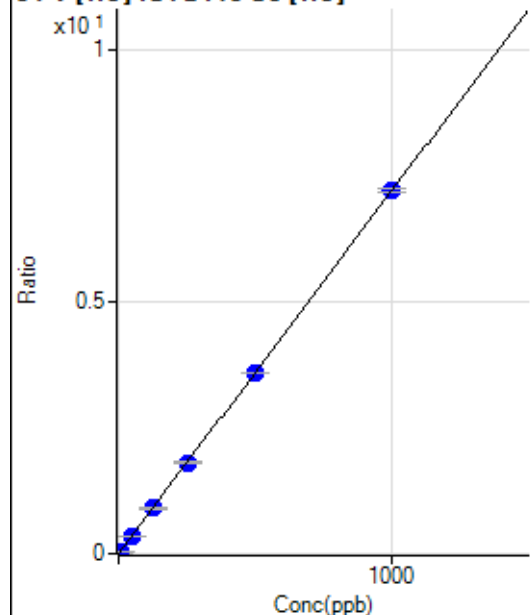
$$DL = 0.1887$$

$$BEC = 0.1821$$

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	14.45	0.0001	P	47.4
2	☐	5.000	4.809	4404.01	0.0347	P	9.1
3	☐	50.000	49.290	43148.16	0.3543	P	0.5
4	☐	125.000	124.748	106657.67	0.8965	P	0.7
5	☐	250.000	251.169	208297.49	1.8049	P	2.0
6	☐	500.000	498.406	416300.09	3.5815	P	0.9
7	☐	1000.000	1000.573	840079.47	7.1899	P	1.1
8	☐			338.90	0.0029	P	5.9

$$y = 0.0072 * x + 1.1961\text{E-}004$$

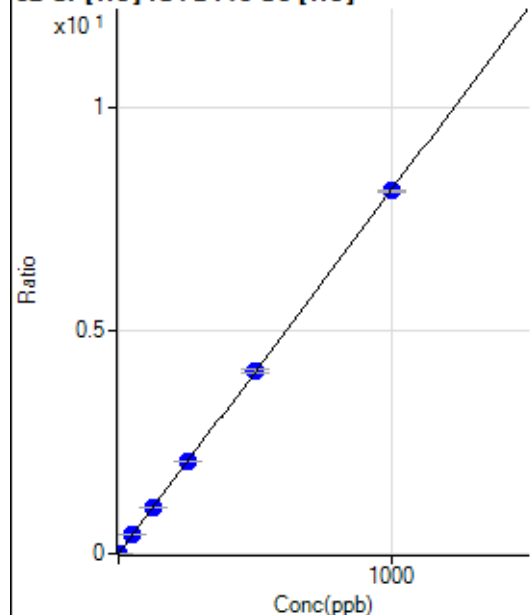
$$R = 1.0000$$

$$DL = 0.02366$$

$$BEC = 0.01665$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	192.23	0.0016	P	10.3
2	☐	2.000	1.850	2115.72	0.0166	P	7.8
3	☐	50.000	50.874	50601.07	0.4155	P	0.5
4	☐	125.000	126.293	122428.13	1.0291	P	0.7
5	☐	250.000	253.602	238300.62	2.0648	P	1.6
6	☐	500.000	502.498	475364.81	4.0898	P	1.5
7	☐	1000.000	997.645	948560.71	8.1182	P	0.7
8	☐			8252.32	0.0715	P	7.3

$$y = 0.0081 * x + 0.0016$$

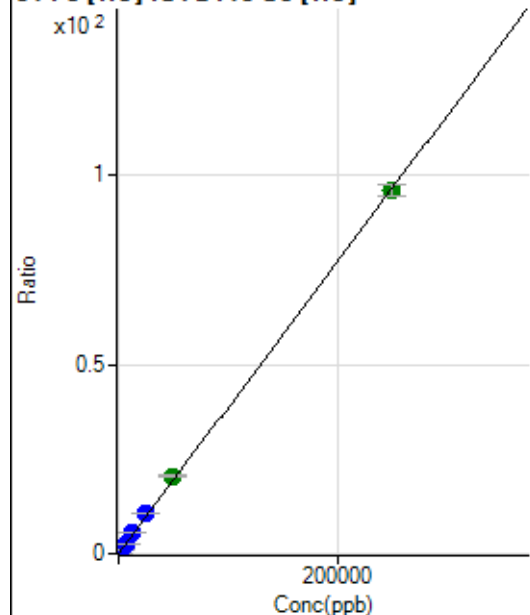
$$R = 1.0000$$

$$DL = 0.06082$$

$$BEC = 0.1959$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1151.17	0.0096	P	6.0
2	☐	50.000	48.319	3584.90	0.0282	P	6.0
3	☐	2500.000	2834.859	134286.65	1.1027	P	1.0
4	☐	6250.000	7101.797	326928.78	2.7480	P	0.8
5	☐	12500.000	14221.738	633998.37	5.4935	P	1.6
6	☐	25000.000	28014.706	1256758.03	10.8121	P	0.9
7	☐	50000.000	53293.297	2402254.36	20.5597	A	0.8
8	☐	250000.00	248929.14	11085226.09	95.9976	A	3.1

$$y = 3.8560E-004 * x + 0.0096$$

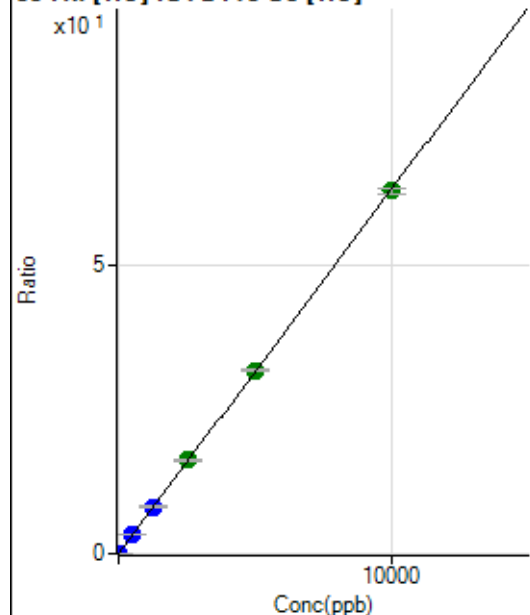
$$R = 0.9999$$

$$DL = 4.491$$

$$BEC = 24.78$$

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	88.89	0.0007	P	32.9
2	☐	1.000	0.905	818.92	0.0064	P	12.0
3	☐	500.000	511.120	392529.12	3.2232	P	1.2
4	☐	1250.000	1290.348	967929.38	8.1361	P	0.8
5	☐	2500.000	2564.749	1866150.04	16.1709	A	2.1
6	☐	5000.000	5038.666	3692481.92	31.7683	A	1.4
7	☐	10000.000	9958.880	7336211.42	62.7891	A	1.4
8	☐			4449.59	0.0385	P	4.5

$$y = 0.0063 * x + 7.3969E-004$$

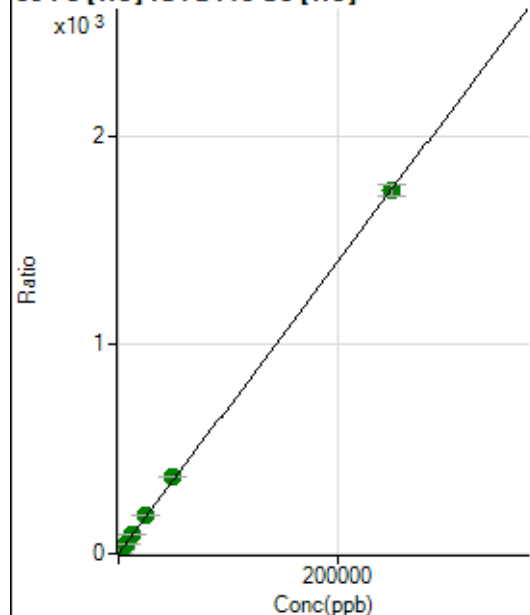
$$R = 1.0000$$

$$DL = 0.1157$$

$$BEC = 0.1173$$

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	4997.56	0.0415	P	4.2
2	☐	50.000	50.868	50333.86	0.3958	P	6.4
3	☐	2500.000	2698.168	2293956.13	18.8361	A	0.7
4	☐	6250.000	6700.511	5557777.56	46.7151	A	1.4
5	☐	12500.000	13483.062	10844547.20	93.9602	A	0.9
6	☐	25000.000	26491.630	21453661.07	184.5737	A	1.2
7	☐	50000.000	52595.478	42812308.53	366.4047	A	0.8
8	☐	250000.00	249269.34	200504181.4	1,736.371	A	3.2

$$y = 0.0070 * x + 0.0415$$

$$R = 0.9999$$

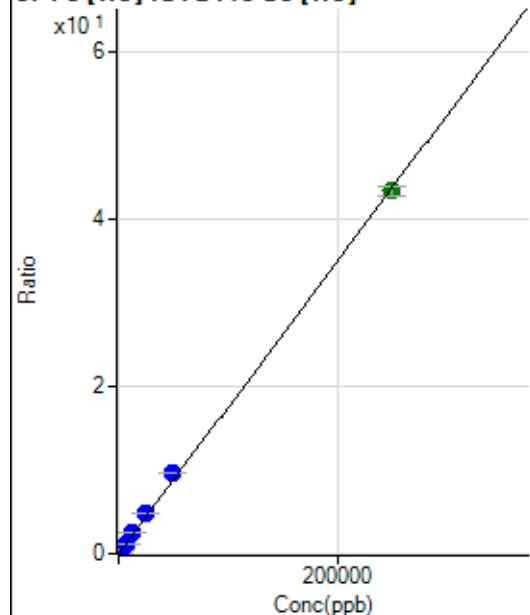
$$DL = 0.757$$

$$BEC = 5.956$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	252.23	0.0021	P	8.8
2	☐	50.000	55.616	1500.09	0.0118	P	8.4
3	☐	2500.000	2807.205	59943.29	0.4922	P	0.4
4	☐	6250.000	7074.758	147199.83	1.2373	P	0.2
5	☐	12500.000	14169.183	285737.19	2.4759	P	1.7
6	☐	25000.000	27748.707	563367.75	4.8468	P	1.0
7	☐	50000.000	55101.804	1124292.11	9.6224	P	1.1
8	☐	250000.00	248597.61	5012710.13	43.4051	A	2.5

$$y = 1.7459\text{E-}004 * x + 0.0021$$

$$R = 0.9997$$

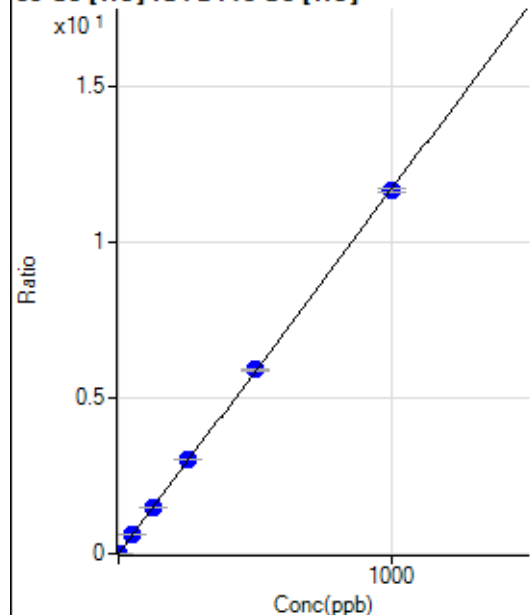
$$DL = 3.18$$

$$BEC = 12$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0005	P	18.4
2	☐	1.000	1.021	1578.99	0.0124	P	8.2
3	☐	50.000	51.436	73274.10	0.6017	P	2.0
4	☐	125.000	128.726	179066.22	1.5051	P	0.4
5	☐	250.000	257.764	347777.04	3.0134	P	1.4
6	☐	500.000	504.271	685153.51	5.8947	P	1.4
7	☐	1000.000	995.386	1359478.76	11.6352	P	1.0
8	☐			3999.46	0.0347	P	5.8

$$y = 0.0117 * x + 4.8933\text{E-}004$$

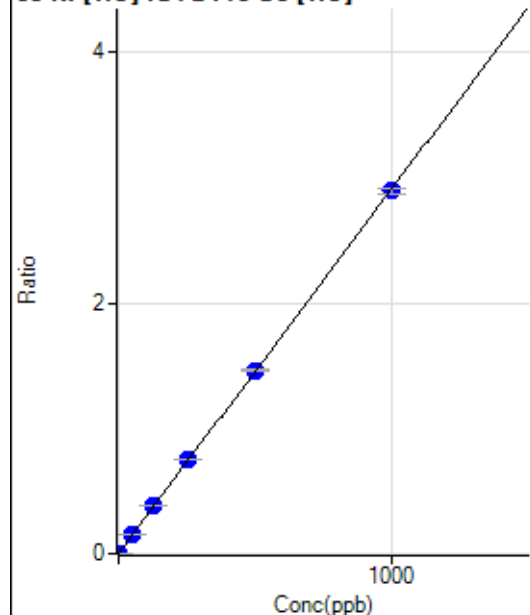
$$R = 1.0000$$

$$DL = 0.02305$$

$$BEC = 0.04186$$

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	182.23	0.0015	P	16.6
2	☐	1.000	0.939	538.90	0.0042	P	8.7
3	☐	50.000	52.178	18647.23	0.1531	P	1.2
4	☐	125.000	131.567	45659.21	0.3838	P	1.3
5	☐	250.000	258.695	86926.37	0.7532	P	1.6
6	☐	500.000	502.677	169950.56	1.4621	P	1.1
7	☐	1000.000	995.558	338167.12	2.8943	P	1.3
8	☐			2869.19	0.0249	P	4.5

$$y = 0.0029 * x + 0.0015$$

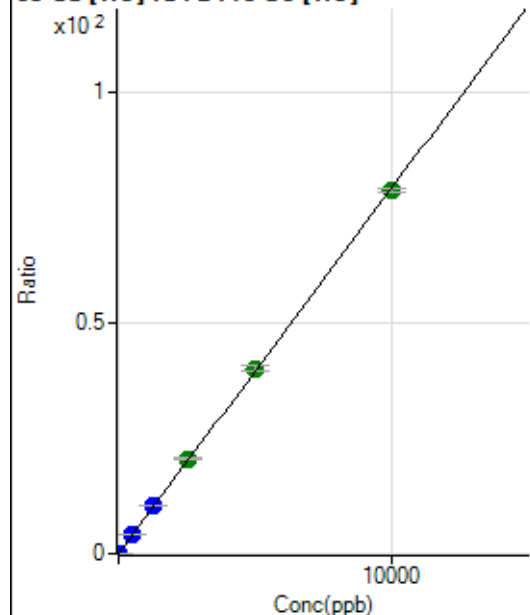
$$R = 0.9999$$

$$DL = 0.2585$$

$$BEC = 0.5197$$

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	692.25	0.0057	P	11.5
2	☐	2.000	1.860	2600.25	0.0205	P	10.4
3	☐	500.000	524.860	507158.36	4.1644	P	0.4
4	☐	1250.000	1310.164	1235699.08	10.3866	P	0.3
5	☐	2500.000	2590.210	2369298.06	20.5289	A	1.3
6	☐	5000.000	5076.047	4675114.62	40.2251	A	2.3
7	☐	10000.000	9930.661	9194278.75	78.6900	A	0.9
8	☐			4160.62	0.0360	P	5.7

$$y = 0.0079 * x + 0.0057$$

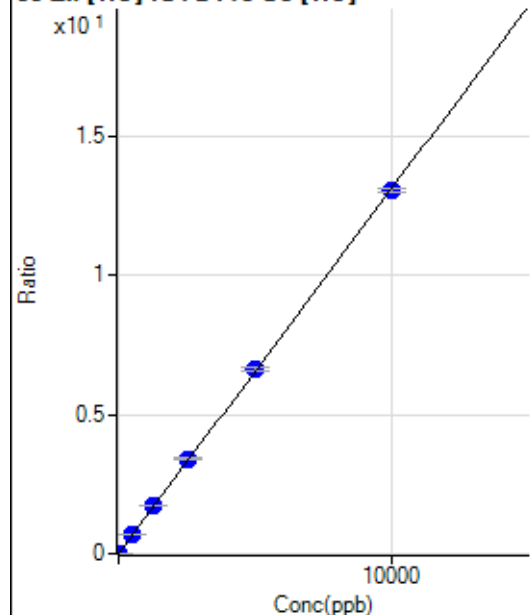
$$R = 0.9999$$

$$DL = 0.2501$$

$$BEC = 0.7247$$

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	190.00	0.0016	P	18.3
2	☐	5.000	4.596	965.60	0.0076	P	7.3
3	☐	500.000	519.612	83047.83	0.6819	P	0.6
4	☐	1250.000	1301.653	202950.15	1.7059	P	0.4
5	☐	2500.000	2590.334	391604.50	3.3932	P	1.6
6	☐	5000.000	5056.836	769780.51	6.6227	P	1.3
7	☐	10000.000	9941.562	1521087.25	13.0185	P	1.1
8	☐			576.68	0.0050	P	3.1

$$y = 0.0013 * x + 0.0016$$

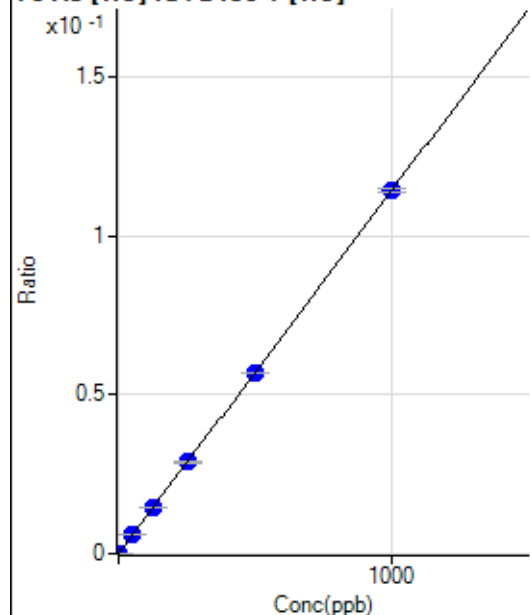
$$R = 0.9999$$

$$DL = 0.6618$$

$$BEC = 1.203$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.7
2	☐	1.000	0.894	104.45	0.0001	P	26.7
3	☐	50.000	51.278	5557.75	0.0059	P	2.6
4	☐	125.000	126.784	13538.49	0.0145	P	1.8
5	☐	250.000	253.532	26411.30	0.0289	P	2.3
6	☐	500.000	498.101	52344.06	0.0569	P	0.9
7	☐	1000.000	999.780	105838.20	0.1141	P	1.0
8	☐			96.67	0.0001	P	29.9

$$y = 1.1415E-004 * x + 3.5398E-006$$

$$R = 1.0000$$

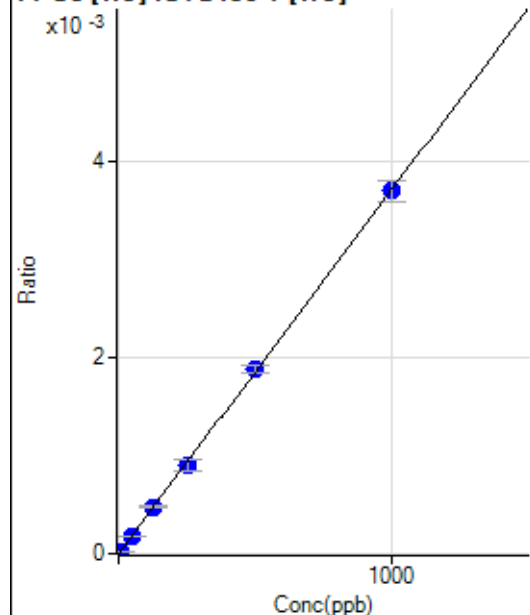
$$DL = 0.001621$$

$$BEC = 0.03101$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.455	20.00	0.0000	P	22.0
3	☐	50.000	46.145	162.22	0.0002	P	4.0
4	☐	125.000	128.942	446.68	0.0005	P	2.9
5	☐	250.000	242.144	817.81	0.0009	P	12.6
6	☐	500.000	508.019	1732.34	0.0019	P	4.0
7	☐	1000.000	997.652	3427.10	0.0037	P	5.7
8	☐			10.00	0.0000	P	32.3

$$y = 3.7044\text{E-}06 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

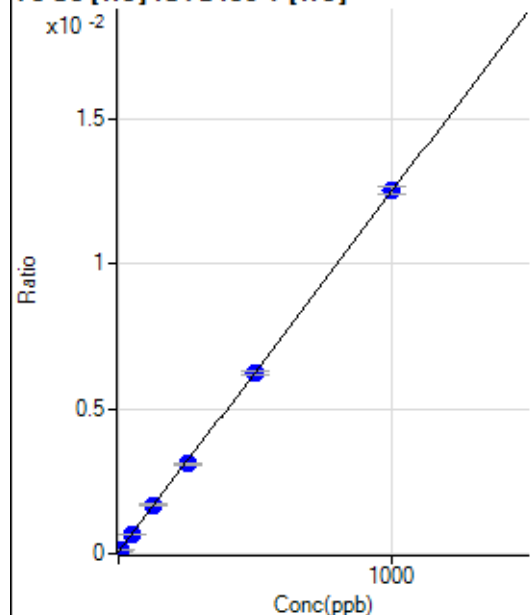
$$DL = 0$$

$$BEC = 0$$

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	55.55	0.0001	P	13.8
2	☐	5.000	4.474	114.45	0.0001	P	2.2
3	☐	50.000	50.704	653.36	0.0007	P	1.5
4	☐	125.000	130.942	1575.65	0.0017	P	3.7
5	☐	250.000	244.295	2821.41	0.0031	P	0.7
6	☐	500.000	496.574	5728.94	0.0062	P	1.3
7	☐	1000.000	1002.364	11593.52	0.0125	P	2.0
8	☐			82.22	0.0001	P	19.2

$$y = 1.2413\text{E-}05 * x + 5.9116\text{E-}005$$

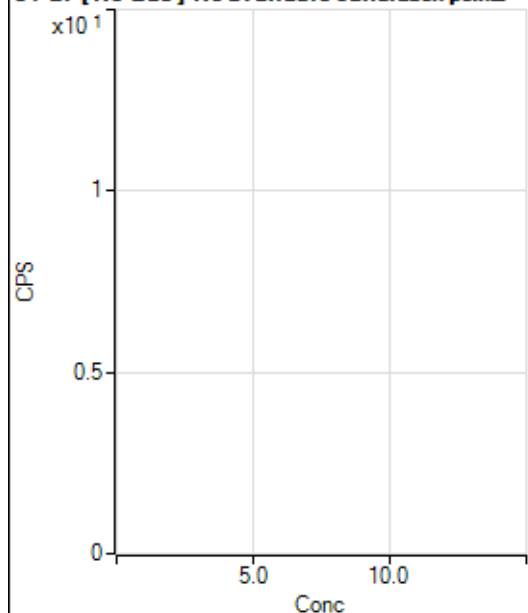
$$R = 0.9999$$

$$DL = 1.974$$

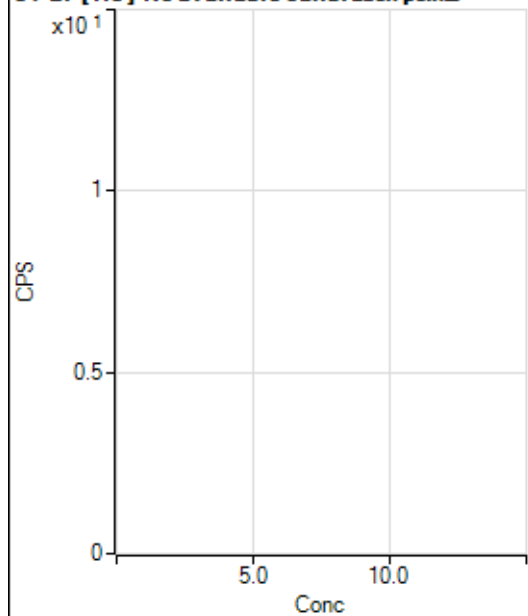
$$BEC = 4.762$$

Weight: <None>

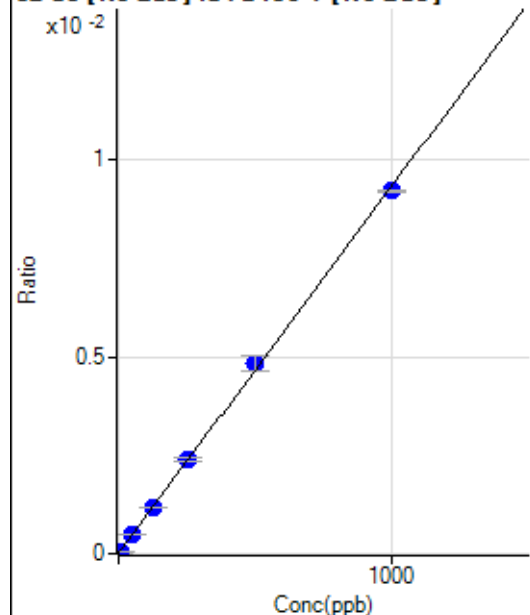
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11997.19		P	1.1
2	☐			12424.23		P	0.9
3	☐			12017.22		P	3.5
4	☐			11698.04		P	2.3
5	☐			11347.77		P	0.9
6	☐			11275.48		P	1.3
7	☐			11228.81		P	2.9
8	☐			11775.90		P	1.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.55		P	63.8
2	☐			33.33		P	10.0
3	☐			16.67		P	20.0
4	☐			21.11		P	39.7
5	☐			28.89		P	26.6
6	☐			30.00		P	19.2
7	☐			40.00		P	50.0
8	☐			43.33		P	15.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.87	0.0000	P	40.5
2	☐	5.000	5.208	176.92	0.0001	P	3.4
3	☐	50.000	51.045	1502.26	0.0005	P	2.6
4	☐	125.000	125.681	3664.54	0.0012	P	0.3
5	☐	250.000	255.943	7043.48	0.0024	P	3.0
6	☐	500.000	520.513	13981.79	0.0049	P	8.1
7	☐	1000.000	988.119	27467.84	0.0092	P	0.8
8	☐			65.64	0.0000	P	41.7

$$y = 9.3186E-006 * x + 8.6715E-006$$

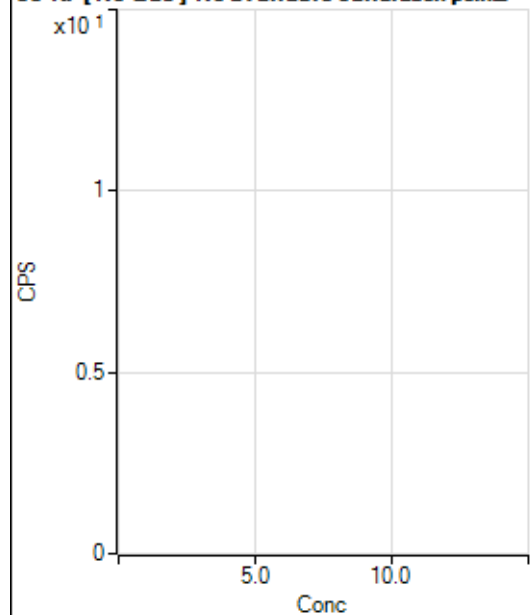
$$R = 0.9997$$

$$DL = 1.131$$

$$BEC = 0.9306$$

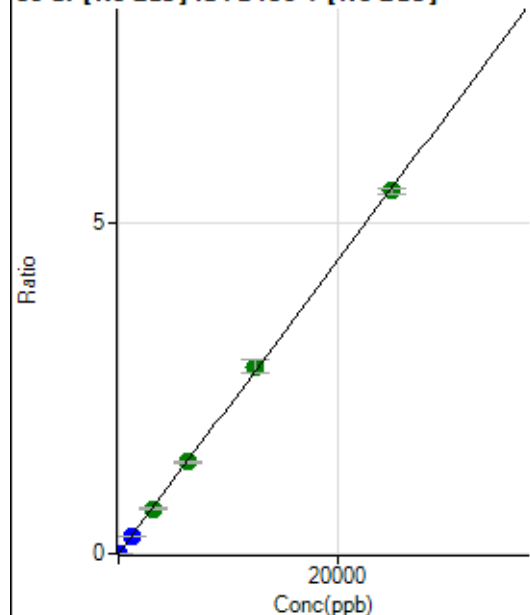
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			23.33		P	51.5
2	☐			14.44		P	53.3
3	☐			23.33		P	14.3
4	☐			32.22		P	60.6
5	☐			27.78		P	27.7
6	☐			35.56		P	27.1
7	☐			30.00		P	22.2
8	☐			27.78		P	18.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	15.8
2	☐	1.000	0.943	704.47	0.0002	P	2.1
3	☐	1250.000	1205.782	825246.98	0.2661	P	1.0
4	☐	3125.000	3069.825	2104129.23	0.6775	A	1.6
5	☐	6250.000	6290.936	4085735.74	1.3884	A	1.4
6	☐	12500.000	12824.045	8148148.63	2.8302	A	6.9
7	☐	25000.000	24836.851	16335763.37	5.4813	A	1.3
8	☐			2456.90	0.0009	P	7.3

$$y = 2.2069\text{E-}004 * x + 1.9698\text{E-}005$$

$$R = 0.9999$$

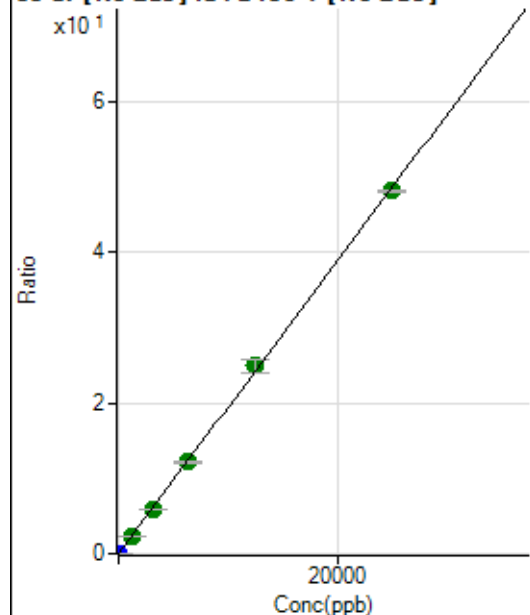
$$DL = 0.04226$$

$$BEC = 0.08926$$

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	197.78	0.0001	P	2.9
2	☐	1.000	0.967	5999.05	0.0019	P	0.9
3	☐	1250.000	1230.524	7407851.14	2.3890	A	1.6
4	☐	3125.000	3046.305	18368250.01	5.9142	A	1.1
5	☐	6250.000	6266.031	35799693.08	12.1650	A	1.1
6	☐	12500.000	12860.949	71865871.15	24.9684	A	7.4
7	☐	25000.000	24826.328	143645226.7	48.1980	A	0.7
8	☐			22422.78	0.0081	P	11.2

$$y = 0.0019 * x + 6.3752\text{E-}005$$

$$R = 0.9998$$

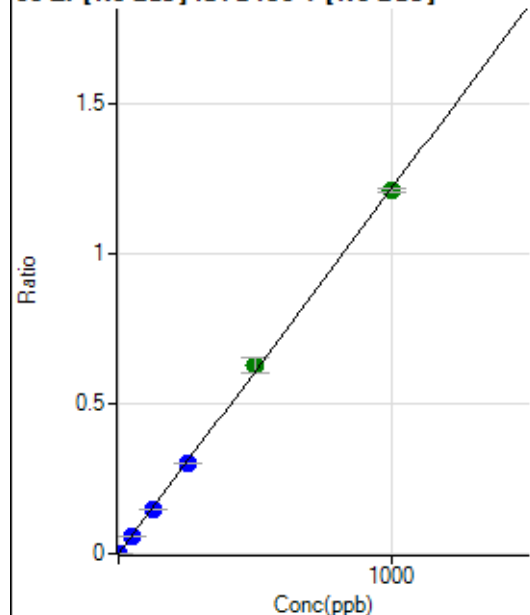
$$DL = 0.002905$$

$$BEC = 0.03284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	107.78	0.0000	P	11.1
2	☐	1.000	0.875	3401.54	0.0011	P	1.8
3	☐	50.000	48.209	182172.89	0.0587	P	1.3
4	☐	125.000	119.688	452824.50	0.1458	P	1.7
5	☐	250.000	246.697	884286.63	0.3005	P	1.1
6	☐	500.000	515.460	1806672.26	0.6278	A	7.9
7	☐	1000.000	993.849	3607430.54	1.2104	A	1.2
8	☐			1987.93	0.0007	P	7.2

$$y = 0.0012 * x + 3.4720E-005$$

$$R = 0.9998$$

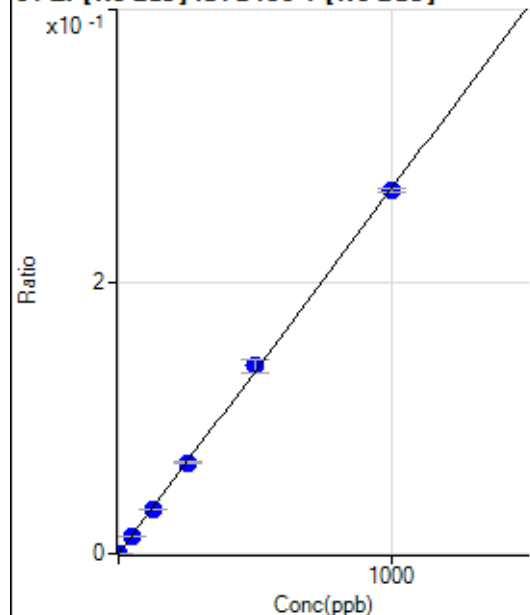
$$DL = 0.009497$$

$$BEC = 0.02851$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	38.5
2	☐	1.000	0.841	725.58	0.0002	P	13.3
3	☐	50.000	48.639	40531.32	0.0131	P	1.0
4	☐	125.000	121.744	101562.51	0.0327	P	1.8
5	☐	250.000	249.197	196958.01	0.0669	P	1.5
6	☐	500.000	513.685	397079.32	0.1380	P	7.4
7	☐	1000.000	993.834	795425.26	0.2669	P	1.1
8	☐			431.12	0.0002	P	7.0

$$y = 2.6854E-004 * x + 8.9497E-006$$

$$R = 0.9999$$

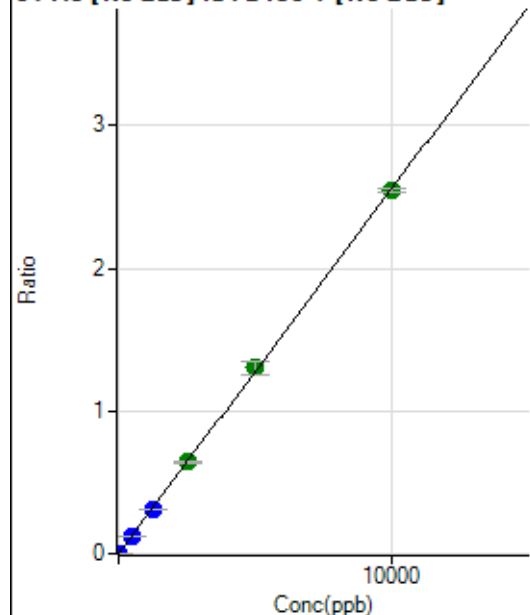
$$DL = 0.03851$$

$$BEC = 0.03333$$

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	73.33	0.0000	P	38.1
2	☐	5.000	5.064	4072.83	0.0013	P	5.4
3	☐	500.000	488.707	387362.27	0.1249	P	1.4
4	☐	1250.000	1213.245	963051.85	0.3101	P	1.5
5	☐	2500.000	2517.271	1893322.28	0.6434	A	1.1
6	☐	5000.000	5097.495	3749747.90	1.3028	A	7.4
7	☐	10000.000	9952.094	7580168.99	2.5435	A	1.1
8	☐			3477.11	0.0012	P	6.3

$$y = 2.5557E-004 * x + 2.3585E-005$$

$$R = 0.9999$$

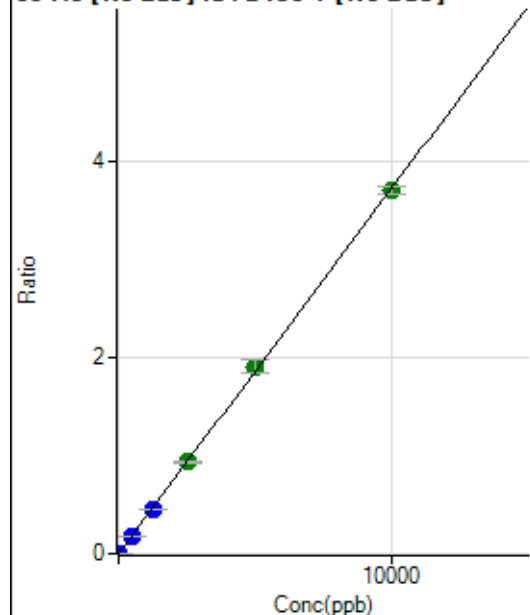
$$DL = 0.1055$$

$$BEC = 0.09228$$

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	104.45	0.0000	P	11.5
2	☐	5.000	4.119	4835.28	0.0016	P	1.6
3	☐	500.000	486.257	560357.61	0.1807	P	1.0
4	☐	1250.000	1210.312	1396775.10	0.4497	P	1.5
5	☐	2500.000	2502.460	2736485.25	0.9298	A	0.7
6	☐	5000.000	5134.519	5492906.38	1.9078	A	6.7
7	☐	10000.000	9937.774	11004333.17	3.6925	A	2.0
8	☐			4761.94	0.0017	P	6.8

$$y = 3.7156E-004 * x + 3.3647E-005$$

$$R = 0.9999$$

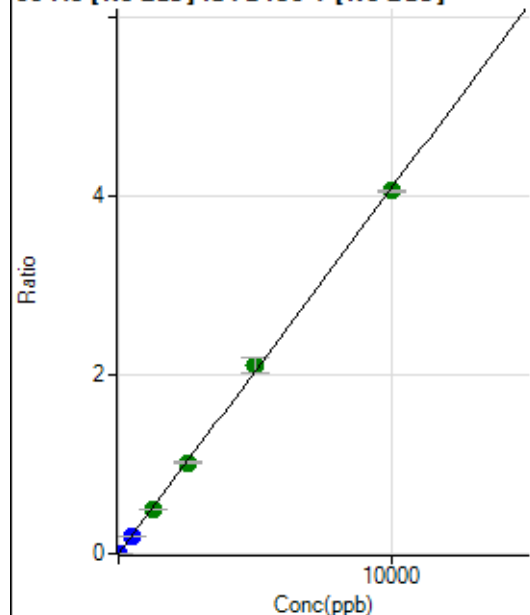
$$DL = 0.03119$$

$$BEC = 0.09055$$

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	37.78	0.0000	P	46.0
2	☐	5.000	4.257	5424.38	0.0018	P	1.0
3	☐	500.000	486.616	617583.41	0.1992	P	1.2
4	☐	1250.000	1219.052	1549467.49	0.4989	A	1.8
5	☐	2500.000	2496.403	3006672.90	1.0217	A	1.0
6	☐	5000.000	5152.794	6069031.65	2.1088	A	7.7
7	☐	10000.000	9929.040	12110545.79	4.0635	A	0.8
8	☐			5963.49	0.0021	P	5.0

$$y = 4.0926\text{E-}004 * x + 1.2198\text{E-}005$$

$$R = 0.9998$$

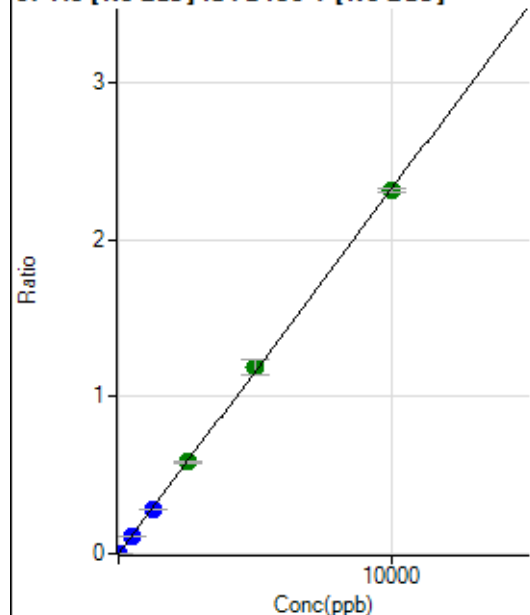
$$DL = 0.04115$$

$$BEC = 0.0298$$

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	22.22	0.0000	P	22.5
2	☐	5.000	4.235	3063.69	0.0010	P	5.8
3	☐	500.000	490.210	353274.93	0.1139	P	1.4
4	☐	1250.000	1212.500	875112.11	0.2818	P	2.0
5	☐	2500.000	2507.515	1714893.00	0.5827	A	1.3
6	☐	5000.000	5111.071	3418690.64	1.1878	A	7.5
7	☐	10000.000	9947.763	6889773.99	2.3118	A	1.1
8	☐			2835.86	0.0010	P	4.7

$$y = 2.3239\text{E-}004 * x + 7.1568\text{E-}006$$

$$R = 0.9999$$

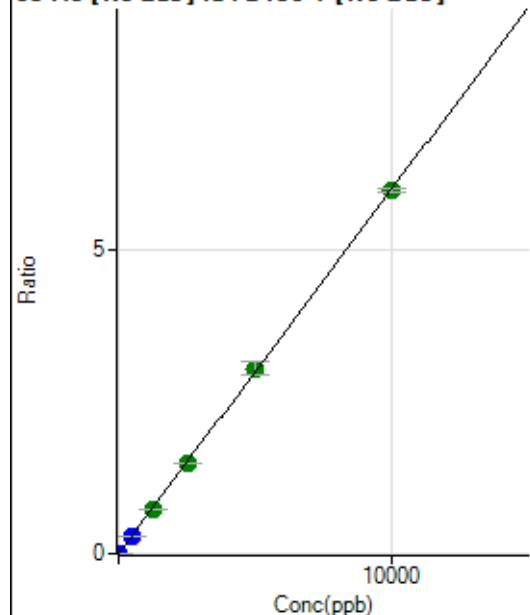
$$DL = 0.02077$$

$$BEC = 0.0308$$

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	27.78	0.0000	P	29.6
2	☐	5.000	4.214	7832.17	0.0025	P	3.4
3	☐	500.000	489.513	909477.29	0.2933	P	1.4
4	☐	1250.000	1216.383	2263518.20	0.7288	A	1.1
5	☐	2500.000	2488.117	4387171.29	1.4908	A	0.7
6	☐	5000.000	5093.529	8782636.26	3.0518	A	7.8
7	☐	10000.000	9960.933	17786446.96	5.9680	A	1.0
8	☐			7747.66	0.0028	P	5.9

$$y = 5.9914\text{E-}004 * x + 8.9449\text{E-}006$$

$$R = 0.9999$$

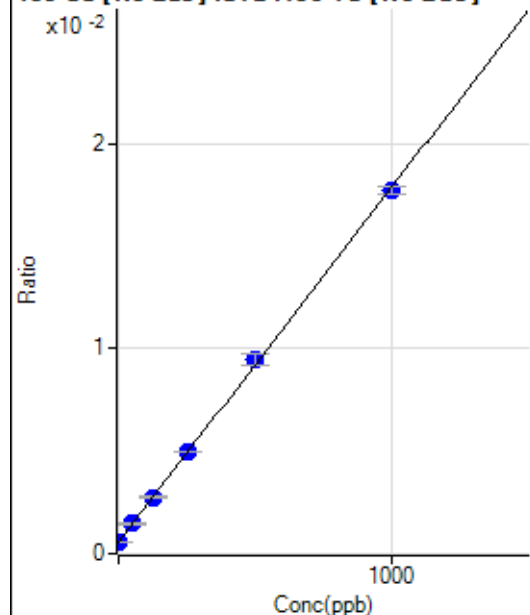
$$DL = 0.01326$$

$$BEC = 0.01493$$

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	2176.85	0.0006	P	7.4
2	☐	1.000	0.576	2205.75	0.0006	P	1.5
3	☐	50.000	51.720	5516.67	0.0015	P	2.2
4	☐	125.000	125.976	10547.24	0.0028	P	1.5
5	☐	250.000	255.137	18172.58	0.0050	P	0.5
6	☐	500.000	516.182	33793.73	0.0095	P	6.0
7	☐	1000.000	990.417	65713.19	0.0177	P	2.1
8	☐			2003.49	0.0006	P	5.1

$$y = 1.7306\text{E-}005 * x + 5.7309\text{E-}004$$

$$R = 0.9998$$

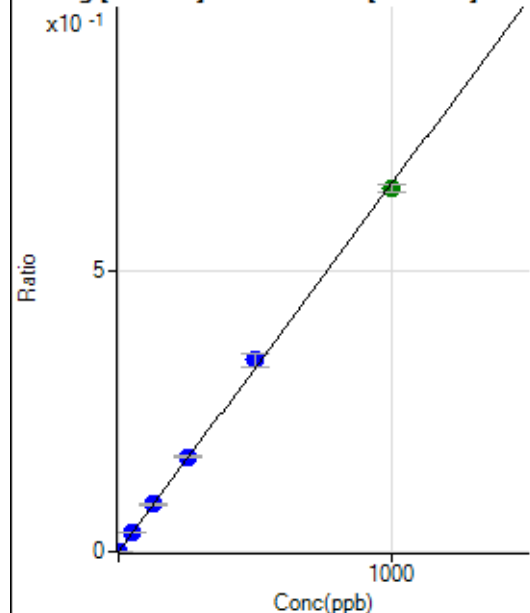
$$DL = 7.39$$

$$BEC = 33.11$$

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	31.11	0.0000	P	26.1
2	☐	1.000	1.009	2521.36	0.0007	P	7.4
3	☐	50.000	52.736	129399.10	0.0344	P	0.8
4	☐	125.000	128.256	320820.05	0.0837	P	1.3
5	☐	250.000	258.269	614281.87	0.1686	P	0.8
6	☐	500.000	521.541	1210240.23	0.3405	P	6.6
7	☐	1000.000	986.618	2389646.67	0.6442	A	2.1
8	☐			461.12	0.0001	P	12.3

$$y = 6.5290\text{E-}004 * x + 8.2051\text{E-}006$$

$$R = 0.9996$$

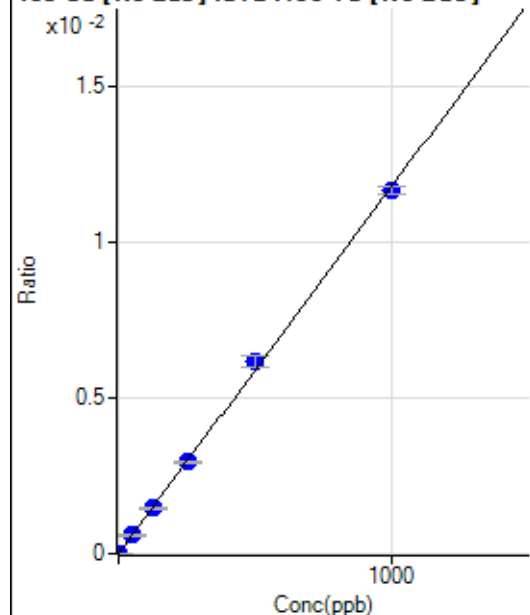
$$DL = 0.009849$$

$$BEC = 0.01257$$

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	3.33	0.0000	P	99.2
2	☐	1.000	0.920	44.45	0.0000	P	36.6
3	☐	50.000	50.125	2223.52	0.0006	P	4.0
4	☐	125.000	124.041	5604.47	0.0015	P	1.8
5	☐	250.000	249.175	10701.78	0.0029	P	1.7
6	☐	500.000	524.050	21966.73	0.0062	P	5.7
7	☐	1000.000	988.295	43217.58	0.0117	P	2.0
8	☐			77.78	0.0000	P	27.3

$$y = 1.1787\text{E-}005 * x + 8.7421\text{E-}007$$

$$R = 0.9996$$

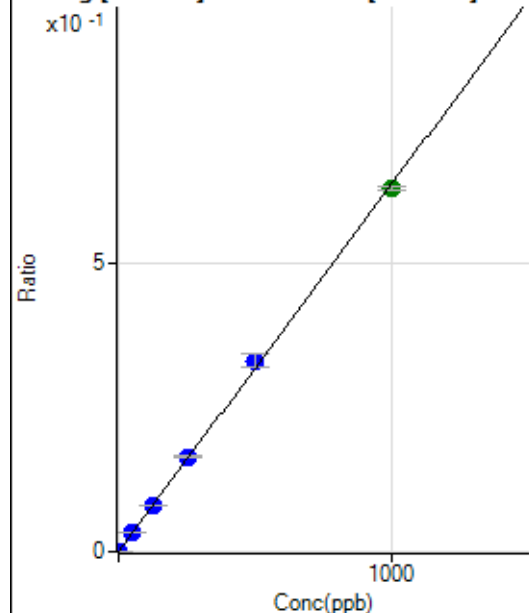
$$DL = 0.2206$$

$$BEC = 0.07417$$

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	12.22	0.0000	P	68.0
2	☐	1.000	0.993	2395.77	0.0006	P	7.1
3	☐	50.000	52.310	124878.44	0.0332	P	0.2
4	☐	125.000	127.519	310350.07	0.0810	P	1.0
5	☐	250.000	257.812	596621.46	0.1638	P	1.1
6	☐	500.000	520.258	1174511.12	0.3305	P	6.9
7	☐	1000.000	987.488	2327335.50	0.6273	A	1.2
8	☐			447.79	0.0001	P	16.6

$$y = 6.3528\text{E-}004 * x + 3.2105\text{E-}006$$

$$R = 0.9997$$

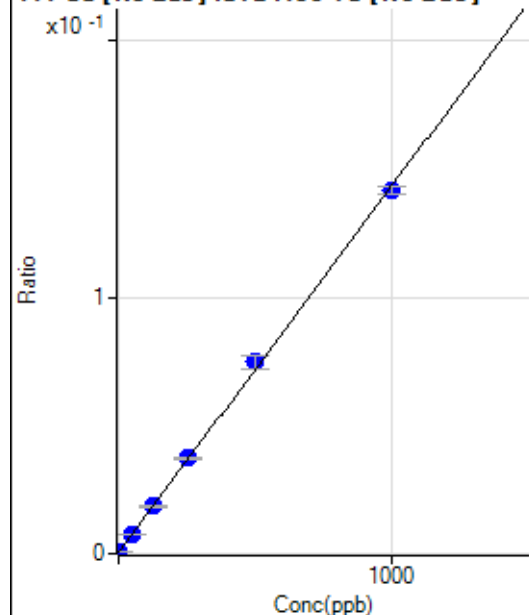
$$DL = 0.01031$$

$$BEC = 0.005054$$

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	1531.47	0.0004	P	7.8
2	☐	1.000	0.996	2064.03	0.0005	P	1.1
3	☐	50.000	51.713	29292.64	0.0078	P	1.9
4	☐	125.000	125.851	70463.89	0.0184	P	0.8
5	☐	250.000	257.344	135474.56	0.0372	P	0.9
6	☐	500.000	521.218	266191.65	0.0749	P	7.0
7	☐	1000.000	987.363	525095.44	0.1415	P	2.0
8	☐			1534.67	0.0004	P	4.6

$$y = 1.4295\text{E-}004 * x + 4.0318\text{E-}004$$

$$R = 0.9996$$

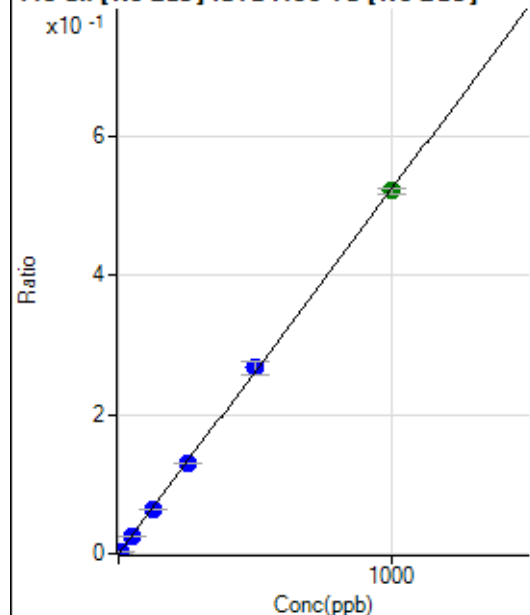
$$DL = 0.6609$$

$$BEC = 2.82$$

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	235.56	0.0001	P	10.9
2	☐	5.000	4.616	9376.46	0.0025	P	3.4
3	☐	50.000	49.607	97842.35	0.0260	P	0.3
4	☐	125.000	122.113	245199.07	0.0640	P	1.6
5	☐	250.000	248.489	474231.67	0.1302	P	0.7
6	☐	500.000	510.451	950101.77	0.2674	P	6.9
7	☐	1000.000	995.535	1934179.07	0.5214	A	1.9
8	☐			1586.77	0.0005	P	10.2

$$y = 5.2366\text{E-}004 * x + 6.1926\text{E-}005$$

$$R = 0.9999$$

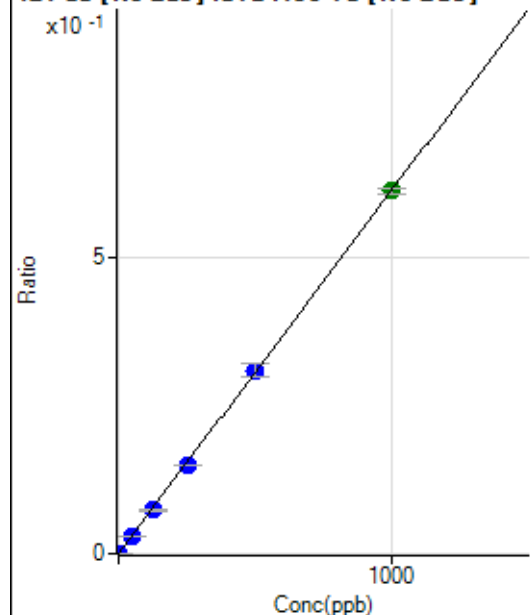
$$DL = 0.03867$$

$$BEC = 0.1183$$

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	25.56	0.0000	P	41.2
2	☐	2.000	1.840	4301.79	0.0011	P	1.2
3	☐	50.000	48.770	112584.10	0.0300	P	0.9
4	☐	125.000	119.667	281598.34	0.0735	P	1.0
5	☐	250.000	244.972	548131.57	0.1505	P	0.8
6	☐	500.000	505.137	1102613.57	0.3103	P	6.8
7	☐	1000.000	999.417	2277306.51	0.6139	A	1.6
8	☐			1790.14	0.0005	P	5.9

$$y = 6.1421\text{E-}004 * x + 6.7500\text{E-}006$$

$$R = 1.0000$$

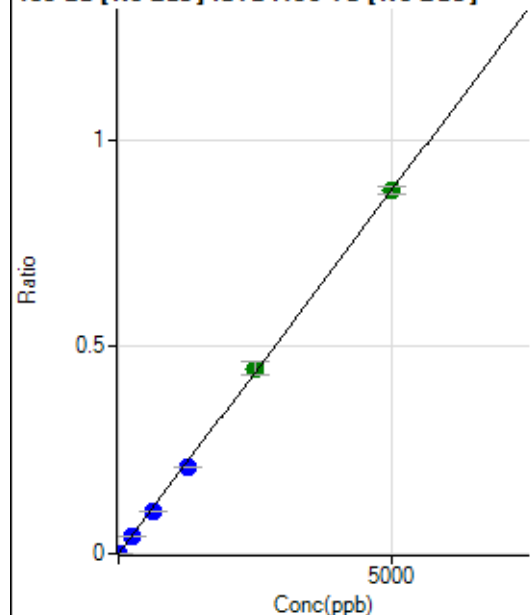
$$DL = 0.01359$$

$$BEC = 0.01099$$

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	23.33	0.0000	P	42.1
2	☐	10.000	8.844	5893.50	0.0016	P	5.2
3	☐	250.000	237.862	156893.35	0.0418	P	0.4
4	☐	625.000	580.216	390152.42	0.1018	P	1.0
5	☐	1250.000	1189.415	760477.25	0.2088	P	1.3
6	☐	2500.000	2553.446	1592787.43	0.4482	A	6.7
7	☐	5000.000	4994.630	3252080.06	0.8767	A	2.2
8	☐			1345.63	0.0004	P	12.5

$$y = 1.7552E-004 * x + 6.1307E-006$$

$$R = 0.9998$$

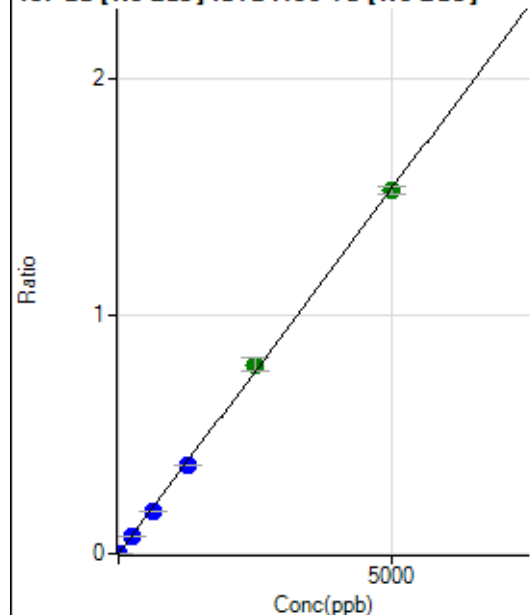
$$DL = 0.04414$$

$$BEC = 0.03493$$

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	24.44	0.0000	P	52.4
2	☐	10.000	9.005	10476.15	0.0028	P	4.8
3	☐	250.000	240.626	277545.00	0.0739	P	0.3
4	☐	625.000	588.777	692349.98	0.1807	P	1.1
5	☐	1250.000	1209.345	1352218.69	0.3712	P	1.1
6	☐	2500.000	2585.284	2819903.22	0.7936	A	7.0
7	☐	5000.000	4972.520	5662254.22	1.5263	A	2.0
8	☐			2373.55	0.0007	P	10.0

$$y = 3.0695E-004 * x + 6.4588E-006$$

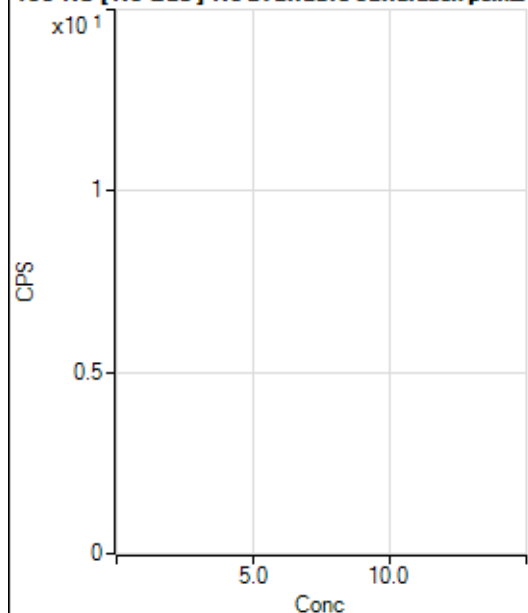
$$R = 0.9997$$

$$DL = 0.03305$$

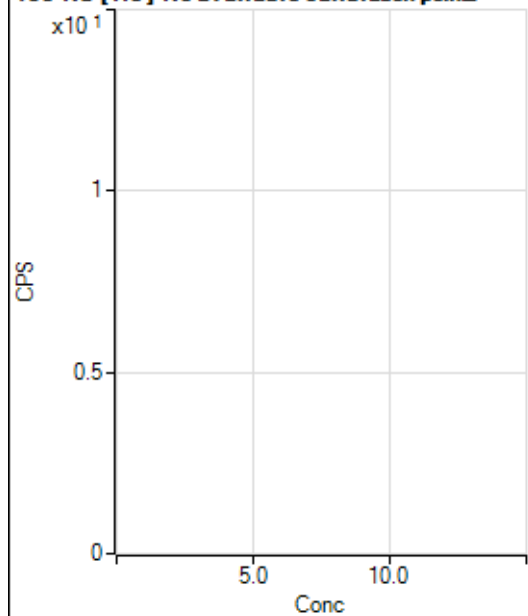
$$BEC = 0.02104$$

Weight: <None>

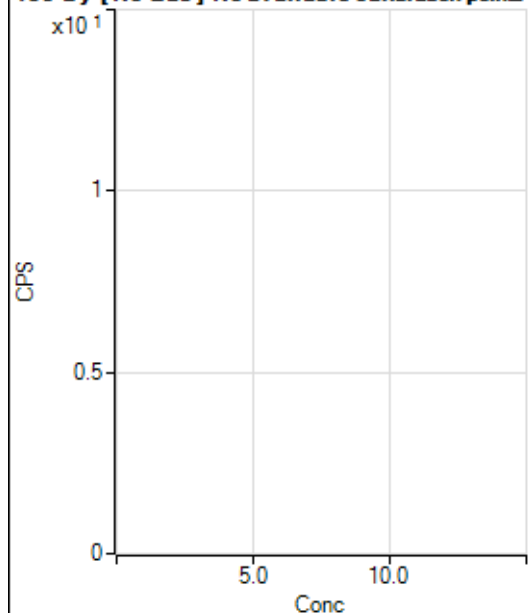
Min Conc: 0

150 Nd [No Gas] No available calibration points

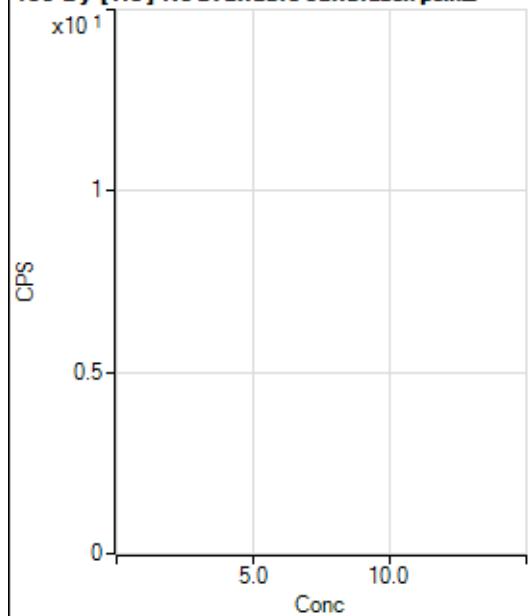
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			60.00		P	5.5
4	☐			141.12		P	18.0
5	☐			258.90		P	7.3
6	☐			548.90		P	2.0
7	☐			1221.18		P	5.1
8	☐			62.22		P	16.4

150 Nd [He] No available calibration points

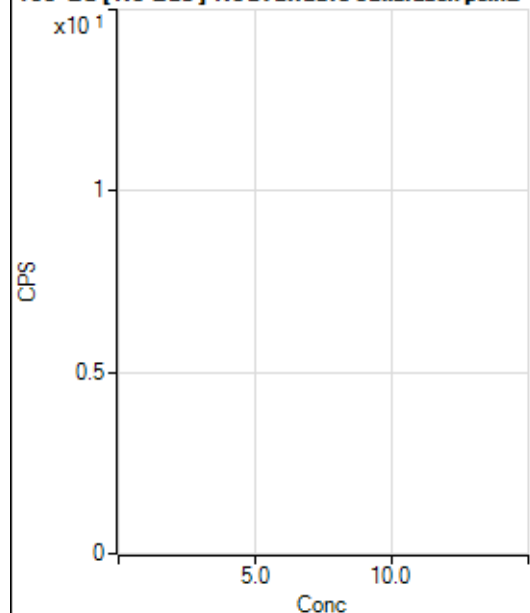
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			26.67		P	37.5
4	☐			35.55		P	44.3
5	☐			68.89		P	24.8
6	☐			136.67		P	12.9
7	☐			352.23		P	7.0
8	☐			26.67		P	54.5

156 Dy [No Gas] No available calibration points

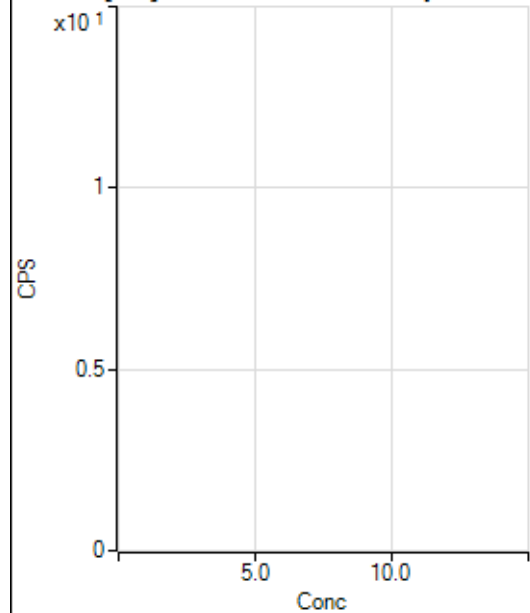
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			6.67		P	132.
3	☐			27.78		P	6.9
4	☐			28.89		P	37.1
5	☐			63.33		P	10.5
6	☐			121.12		P	19.3
7	☐			376.68		P	3.2
8	☐			162.23		P	1.2

156 Dy [He] No available calibration points

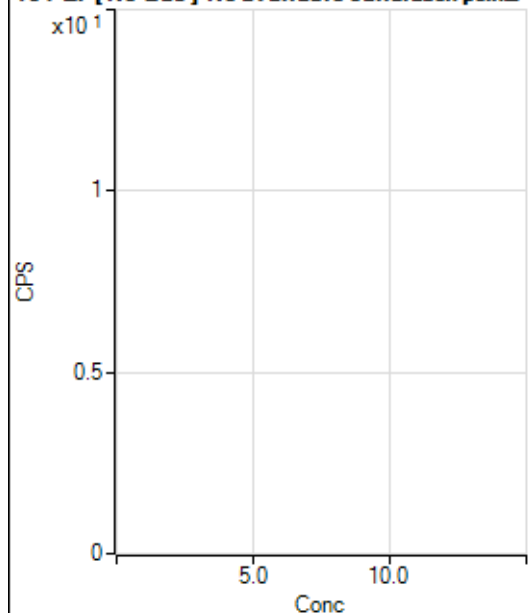
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			22.22		P	52.7
4	☐			21.11		P	55.4
5	☐			71.11		P	10.8
6	☐			128.89		P	19.1
7	☐			326.68		P	3.5
8	☐			88.89		P	21.6

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

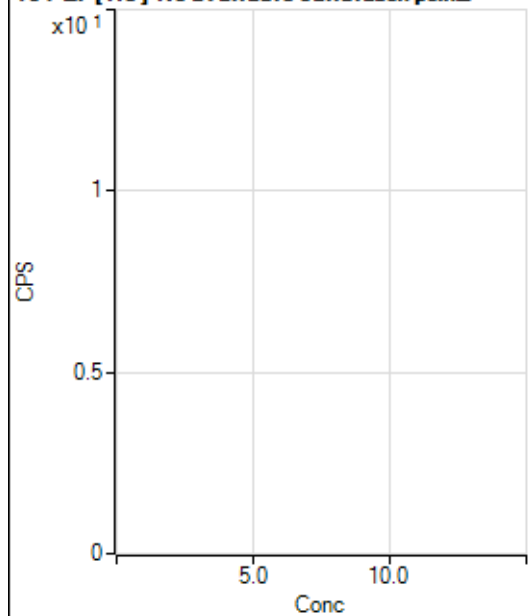
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐			13.33		P	66.2
3	☐			27.78		P	36.7
4	☐			22.22		P	31.2
5	☐			40.00		P	43.3
6	☐			61.11		P	11.4
7	☐			184.45		P	10.4
8	☐			111.11		P	12.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			145.56		P	18.7
2	☐			140.00		P	16.5
3	☐			143.34		P	18.5
4	☐			150.00		P	13.9
5	☐			181.11		P	18.6
6	☐			183.34		P	4.8
7	☐			264.45		P	1.9
8	☐			213.34		P	6.8

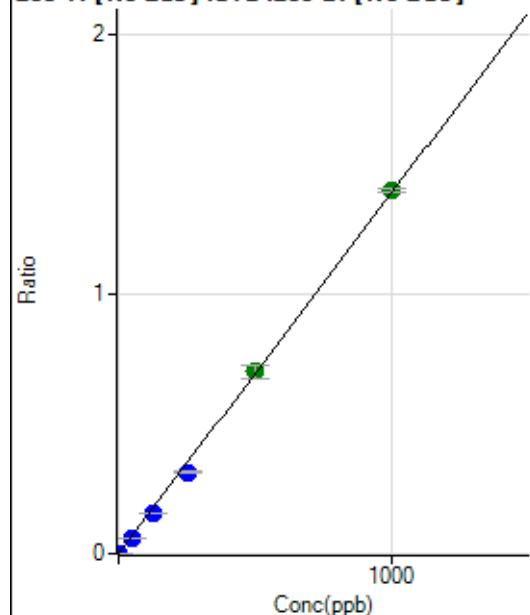
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	14.3
2	☐			34.44		P	58.3
3	☐			31.11		P	30.9
4	☐			48.89		P	35.0
5	☐			47.78		P	4.0
6	☐			78.89		P	12.2
7	☐			178.89		P	15.8
8	☐			121.11		P	17.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	28.6
2	☐			14.44		P	13.4
3	☐			30.00		P	38.5
4	☐			17.78		P	39.0
5	☐			35.55		P	10.8
6	☐			57.78		P	39.3
7	☐			110.00		P	16.0
8	☐			68.89		P	7.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0000	P	20.7
2	☐	1.000	0.845	3277.09	0.0012	P	5.4
3	☐	50.000	44.042	167172.84	0.0612	P	0.7
4	☐	125.000	110.723	419847.94	0.1539	P	1.7
5	☐	250.000	226.384	817827.24	0.3146	P	2.1
6	☐	500.000	505.078	1788945.34	0.7019	A	7.2
7	☐	1000.000	1005.448	3629719.53	1.3973	A	1.0
8	☐			526.69	0.0002	P	9.9

$$y = 0.0014 * x + 3.2373E-005$$

$$R = 0.9996$$

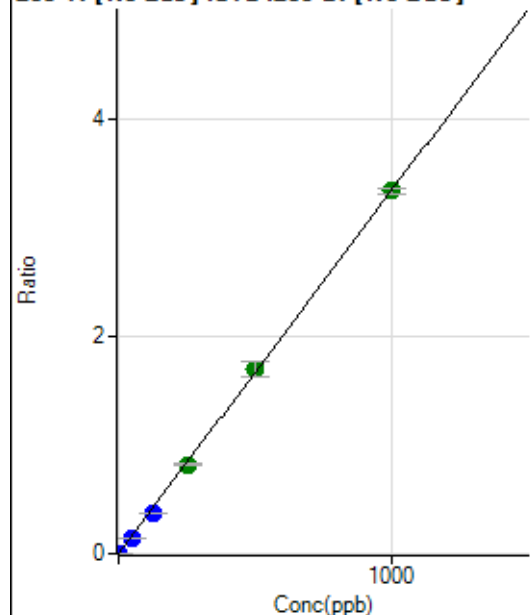
$$DL = 0.01446$$

$$BEC = 0.0233$$

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	212.23	0.0001	P	22.5
2	☐	1.000	0.842	7849.00	0.0029	P	1.5
3	☐	50.000	44.039	401744.40	0.1472	P	1.0
4	☐	125.000	110.928	1010914.94	0.3706	P	1.9
5	☐	250.000	246.248	2137857.45	0.8225	A	2.8
6	☐	500.000	507.252	4314662.37	1.6942	A	8.8
7	☐	1000.000	999.369	8670696.95	3.3379	A	1.3
8	☐			1372.31	0.0006	P	17.5

$$y = 0.0033 * x + 7.8282E-005$$

$$R = 0.9999$$

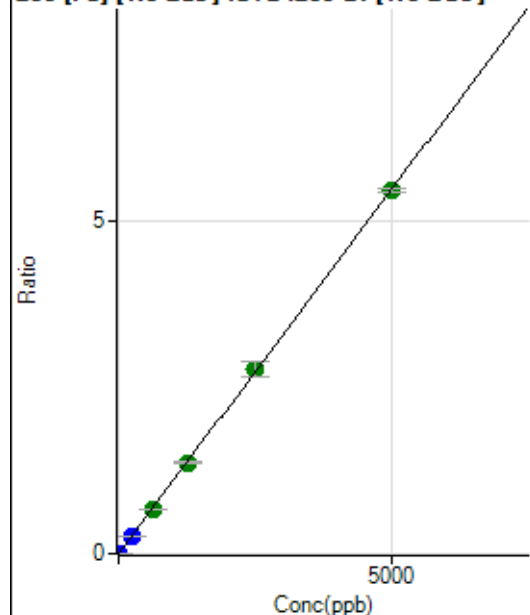
$$DL = 0.01585$$

$$BEC = 0.02344$$

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	184.45	0.0001	P	6.2
2	☐	1.000	0.832	2656.95	0.0010	P	3.7
3	☐	250.000	227.446	679488.94	0.2489	P	0.9
4	☐	625.000	608.381	1815961.15	0.6657	A	1.8
5	☐	1250.000	1247.677	3548282.10	1.3651	A	2.0
6	☐	2500.000	2540.721	7079316.84	2.7797	A	8.6
7	☐	5000.000	4983.425	14162978.54	5.4521	A	1.2
8	☐			6165.92	0.0029	P	10.6

$$y = 0.0011 * x + 6.8068E-005$$

$$R = 0.9999$$

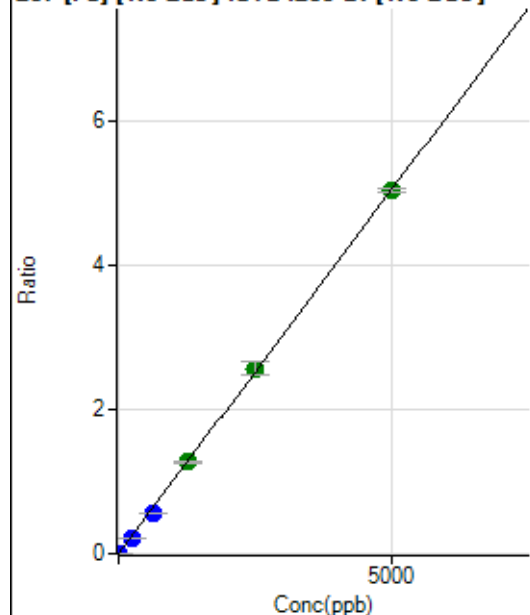
$$DL = 0.01161$$

$$BEC = 0.06222$$

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	140.00	0.0001	P	15.6
2	☐	1.000	0.813	2372.45	0.0009	P	5.2
3	☐	250.000	221.535	611351.78	0.2239	P	0.6
4	☐	625.000	554.916	1530045.64	0.5609	P	1.9
5	☐	1250.000	1259.158	3307806.72	1.2726	A	2.3
6	☐	2500.000	2542.819	6549193.44	2.5699	A	7.3
7	☐	5000.000	4986.485	13091194.94	5.0395	A	1.1
8	☐			5471.16	0.0025	P	12.9

$$y = 0.0010 * x + 5.1603E-005$$

$$R = 0.9998$$

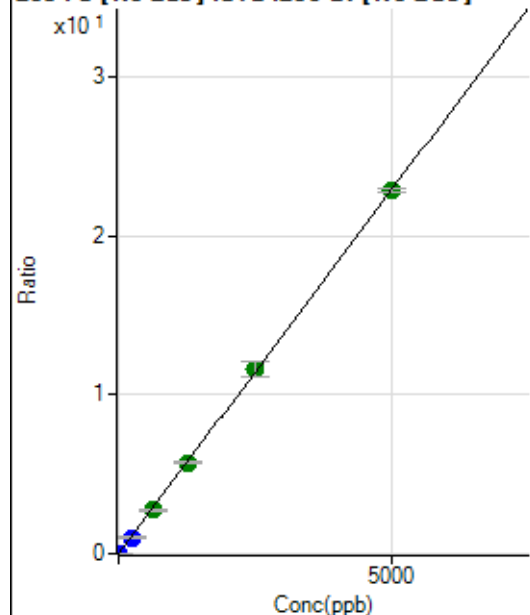
$$DL = 0.02388$$

$$BEC = 0.05106$$

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	674.46	0.0002	P	4.0
2	☐	1.000	0.835	11057.46	0.0041	P	2.4
3	☐	250.000	224.420	2806410.37	1.0280	P	0.8
4	☐	625.000	595.244	7437263.64	2.7262	A	1.5
5	☐	1250.000	1247.577	14851012.32	5.7137	A	2.5
6	☐	2500.000	2534.048	29568488.10	11.6052	A	7.7
7	☐	5000.000	4988.580	59347016.34	22.8460	A	1.1
8	☐			25210.66	0.0117	P	9.6

$$y = 0.0046 * x + 2.4886E-004$$

$$R = 0.9999$$

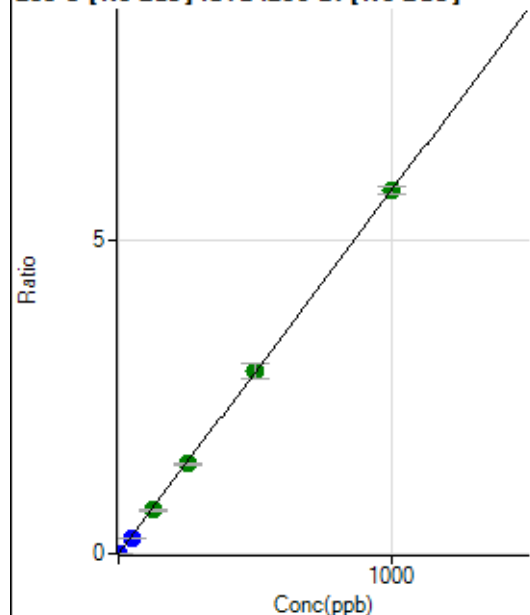
$$DL = 0.006554$$

$$BEC = 0.05434$$

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	23.33	0.0000	P	14.9
2	☐	1.000	0.823	12974.20	0.0048	P	2.6
3	☐	50.000	42.474	671796.79	0.2461	P	1.0
4	☐	125.000	119.556	1889582.21	0.6927	A	1.3
5	☐	250.000	246.978	3719410.88	1.4309	A	1.9
6	☐	500.000	505.347	7457598.92	2.9278	A	8.3
7	☐	1000.000	999.139	15036708.25	5.7886	A	2.0
8	☐			902.26	0.0004	P	13.1

$$y = 0.0058 * x + 8.6155E-006$$

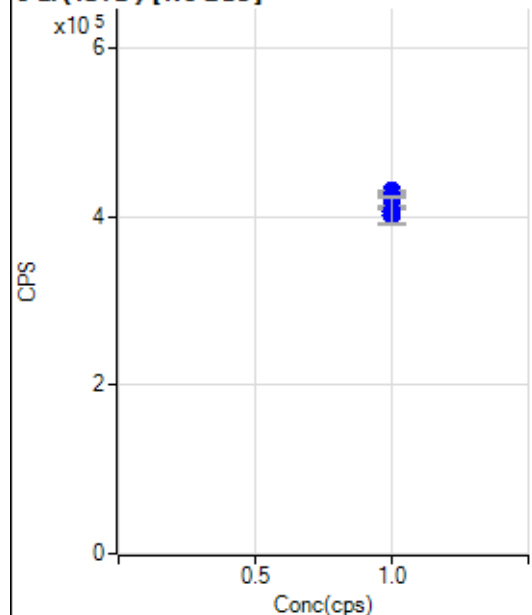
$$R = 0.9999$$

$$DL = 0.0006662$$

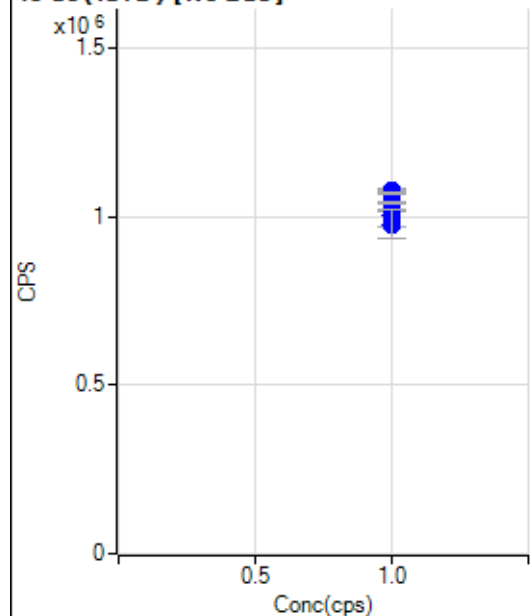
$$BEC = 0.001487$$

Weight: <None>

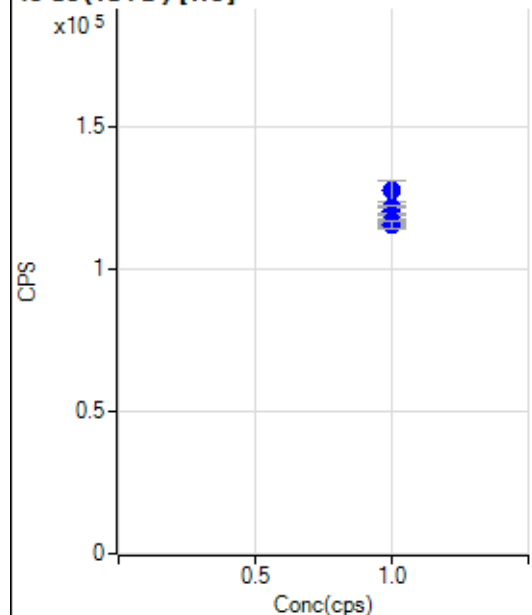
Min Conc: 0

6 Li (ISTD) [No Gas]

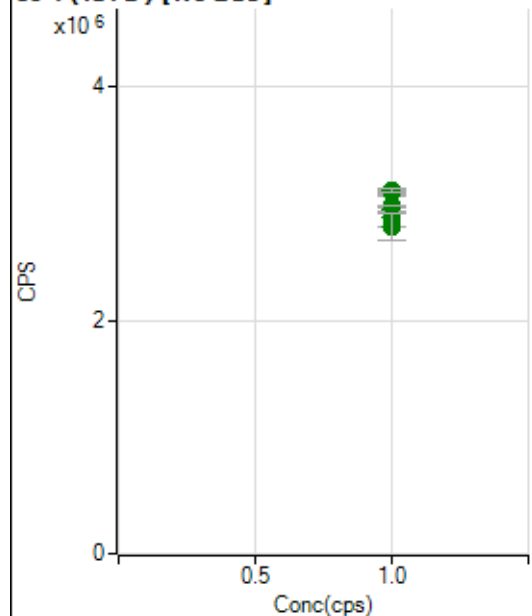
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		430565.10		P	0.7
2	☐	1.000		424680.13		P	1.6
3	☐	1.000		424184.56		P	0.7
4	☐	1.000		422501.14		P	0.5
5	☐	1.000		408813.64		P	0.5
6	☐	1.000		401423.31		P	5.3
7	☐	1.000		411644.04		P	0.3
8	☐	1.000		407256.21		P	7.0

45 Sc (ISTD) [No Gas]

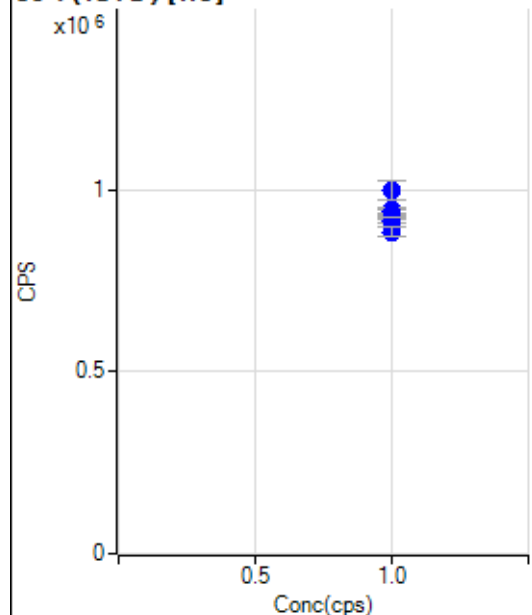
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1073056.02		P	1.1
2	☐	1.000		1075262.04		P	1.0
3	☐	1.000		1073219.78		P	0.4
4	☐	1.000		1066092.60		P	0.6
5	☐	1.000		1016585.33		P	0.8
6	☐	1.000		1002092.24		P	6.5
7	☐	1.000		1037971.69		P	0.5
8	☐	1.000		977097.86		P	8.5

45 Sc (ISTD) [He]

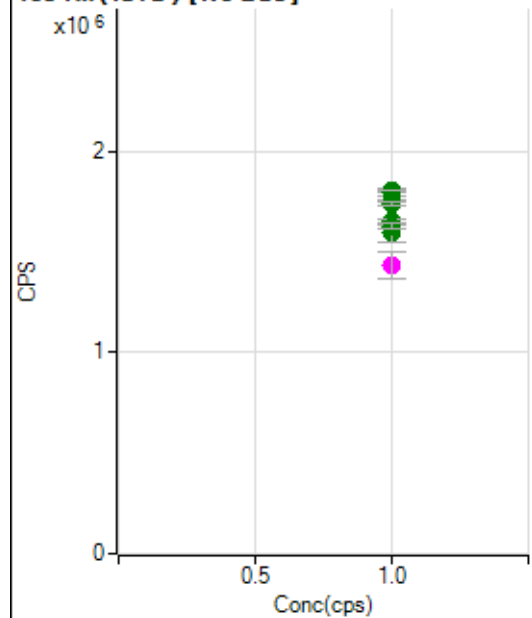
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		120511.66		P	1.3
2	☐	1.000		127478.06		P	5.9
3	☐	1.000		121786.28		P	0.6
4	☐	1.000		118971.06		P	0.6
5	☐	1.000		115426.47		P	1.5
6	☐	1.000		116244.74		P	1.2
7	☐	1.000		116848.01		P	0.9
8	☐	1.000		115542.32		P	2.9

89 Y (ISTD) [No Gas]

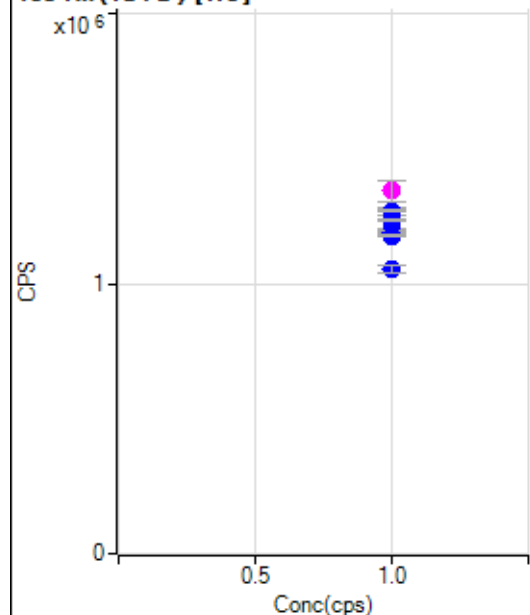
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3102678.12		A	0.9
2	☐	1.000		3091793.84		A	1.6
3	☐	1.000		3101123.95		A	1.0
4	☐	1.000		3106052.66		A	1.1
5	☐	1.000		2943048.88		A	0.9
6	☐	1.000		2887464.56		A	6.5
7	☐	1.000		2980358.77		A	0.5
8	☐	1.000		2796374.44		A	7.8

89 Y (ISTD) [He]

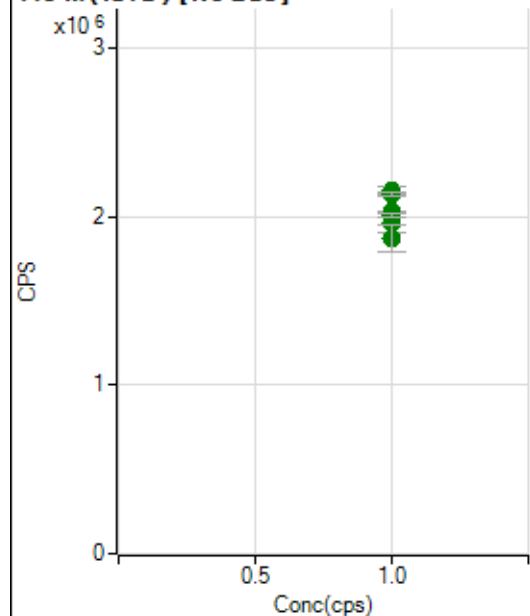
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		940932.84		P	1.8
2	☐	1.000		997544.79		P	5.4
3	☐	1.000		948939.44		P	0.4
4	☐	1.000		935212.93		P	0.7
5	☐	1.000		912610.50		P	1.2
6	☐	1.000		920545.66		P	0.5
7	☐	1.000		927339.68		P	0.1
8	☐	1.000		884242.33		P	2.7

103 Rh (ISTD) [No Gas]

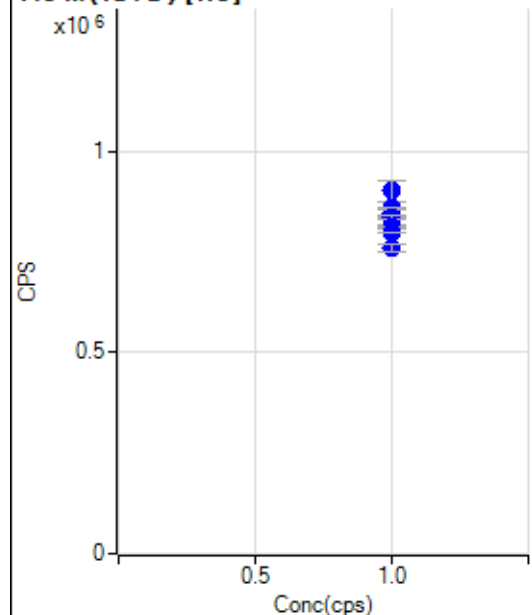
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1805175.96		A	1.2
2	☐	1.000		1794480.25		A	1.2
3	☐	1.000		1759153.66		A	0.1
4	☐	1.000		1739026.54		A	1.3
5	☐	1.000		1651404.51		A	1.4
6	☐	1.000		1599462.63		A	6.3
7	☐	1.000		1631282.84		A	1.2
8	☐	1.000		1434151.39		M	9.0

103 Rh (ISTD) [He]

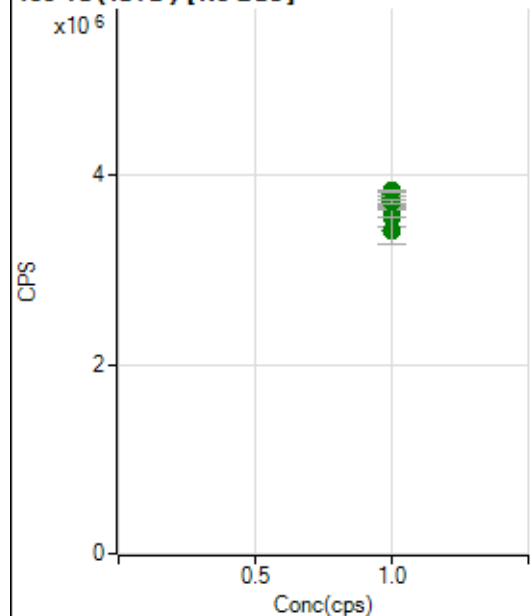
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1267068.65		P	1.9
2	☐	1.000		1343351.99		M	5.7
3	☐	1.000		1269923.69		P	0.5
4	☐	1.000		1234744.97		P	0.6
5	☐	1.000		1199271.36		P	1.1
6	☐	1.000		1189342.79		P	0.8
7	☐	1.000		1178025.16		P	0.2
8	☐	1.000		1053575.34		P	2.4

115 In (ISTD) [No Gas]

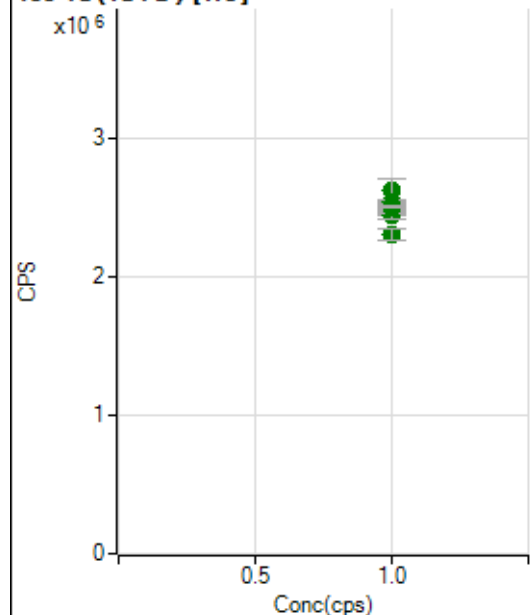
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2132826.44		A	0.7
2	☐	1.000		2150421.33		A	2.6
3	☐	1.000		2140923.01		A	0.3
4	☐	1.000		2128273.68		A	1.0
5	☐	1.000		2024403.57		A	0.5
6	☐	1.000		1964709.05		A	6.2
7	☐	1.000		2007683.56		A	1.2
8	☐	1.000		1867044.30		A	8.7

115 In (ISTD) [He]

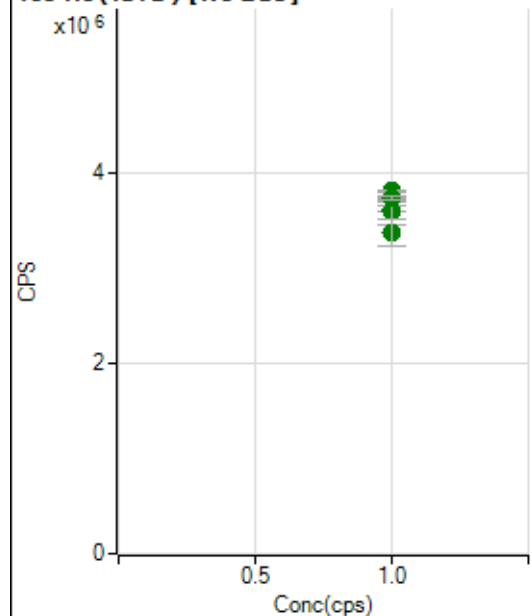
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		848145.65		P	2.2
2	☐	1.000		902439.14		P	5.9
3	☐	1.000		858855.57		P	0.9
4	☐	1.000		837235.44		P	1.0
5	☐	1.000		812757.05		P	1.5
6	☐	1.000		811307.48		P	0.3
7	☐	1.000		798680.39		P	0.3
8	☐	1.000		758971.16		P	2.7

159 Tb (ISTD) [No Gas]

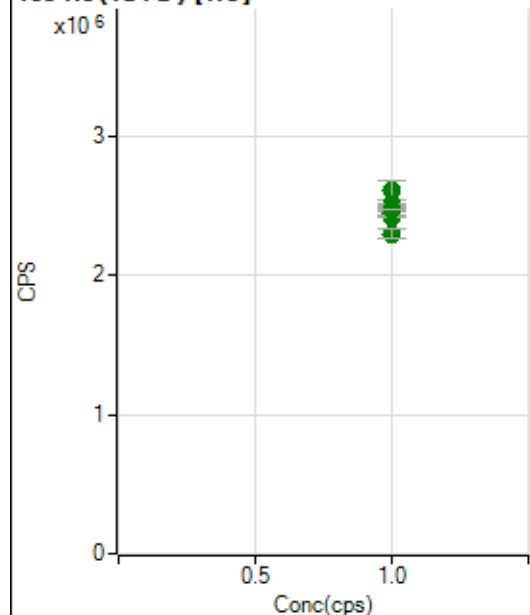
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3800295.71		A	1.4
2	☐	1.000		3783790.74		A	2.1
3	☐	1.000		3757484.18		A	1.0
4	☐	1.000		3830952.30		A	0.4
5	☐	1.000		3642825.57		A	0.5
6	☐	1.000		3563430.19		A	6.0
7	☐	1.000		3710272.55		A	1.2
8	☐	1.000		3411912.27		A	8.7

159 Tb (ISTD) [He]

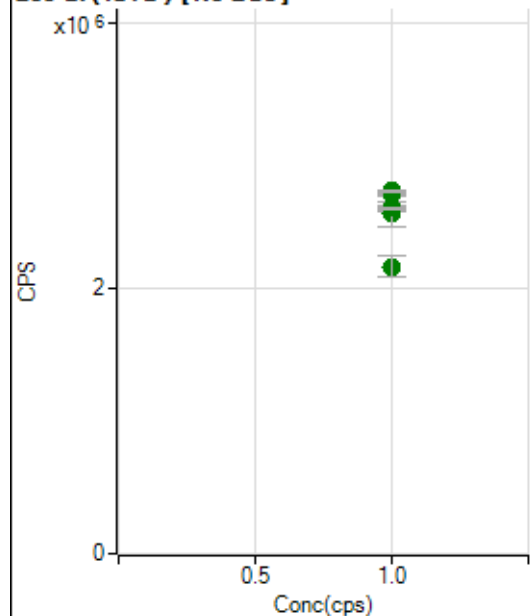
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2469213.02		A	2.3
2	☐	1.000		2618491.72		A	6.4
3	☐	1.000		2533330.19		A	1.1
4	☐	1.000		2489153.23		A	1.8
5	☐	1.000		2438450.05		A	1.5
6	☐	1.000		2499253.37		A	1.1
7	☐	1.000		2508048.40		A	0.5
8	☐	1.000		2300950.24		A	3.5

165 Ho (ISTD) [No Gas]

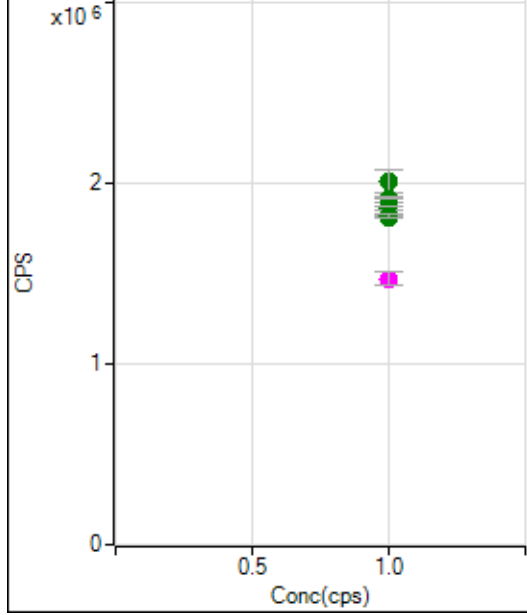
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3735394.80		A	1.3
2	☐	1.000		3748668.97		A	2.5
3	☐	1.000		3735687.16		A	0.2
4	☐	1.000		3813629.32		A	0.6
5	☐	1.000		3621201.09		A	1.6
6	☐	1.000		3588368.21		A	7.0
7	☐	1.000		3736074.70		A	1.2
8	☐	1.000		3374157.31		A	8.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2449359.20		A	2.9
2	☐	1.000		2609882.39		A	5.4
3	☐	1.000		2516748.05		A	0.6
4	☐	1.000		2468912.67		A	1.1
5	☐	1.000		2424775.43		A	0.6
6	☐	1.000		2480337.74		A	0.7
7	☐	1.000		2480140.76		A	0.1
8	☐	1.000		2303083.23		A	3.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2710335.12		A	1.2
2	☐	1.000		2716021.47		A	0.6
3	☐	1.000		2730055.01		A	0.7
4	☐	1.000		2728016.07		A	0.2
5	☐	1.000		2599848.87		A	1.5
6	☐	1.000		2557545.03		A	7.4
7	☐	1.000		2597747.70		A	0.3
8	☐	1.000		2163191.90		A	7.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1870885.48		A	2.4
2	☐	1.000		2005922.97		A	6.4
3	☐	1.000		1917845.98		A	0.6
4	☐	1.000		1858235.32		A	1.0
5	☐	1.000		1811509.66		A	0.8
6	☐	1.000		1820589.40		A	0.5
7	☐	1.000		1815844.24		A	1.0
8	☐	1.000		1468775.04		M	5.0