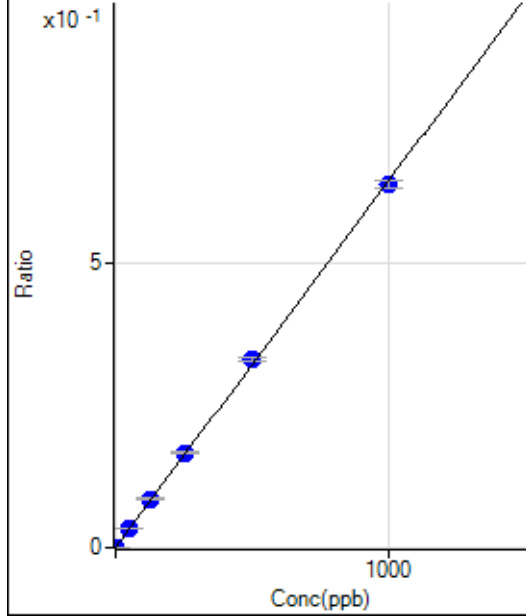


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111323-MS.b\
Analysis File: P7111323-MS.batch.bin
DA Date-Time: 2023-11-13 13:26:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-13 10:58:44
2	005CALS.d	S02	2023-11-13 11:02:03
3	008CALS.d	S03	2023-11-13 11:12:02
4	009CALS.d	S04	2023-11-13 11:15:13
5	010CALS.d	S05	2023-11-13 11:18:18
6	011CALS.d	S06	2023-11-13 11:21:15
7	012CALS.d	S07	2023-11-13 11:24:09
8	013CALS.d	S08	2023-11-13 11:26:56

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0001	P	29.2
2	☐	1.000	1.042	886.70	0.0007	P	1.4
3	☐	50.000	53.278	42209.34	0.0344	P	1.5
4	☐	125.000	133.173	104602.88	0.0860	P	3.1
5	☐	250.000	257.936	203410.90	0.1665	P	1.4
6	☐	500.000	514.247	390869.02	0.3319	P	2.8
7	☐	1000.000	989.707	752219.52	0.6387	P	2.1
8	☐			407.79	0.0004	P	15.6

$$y = 6.4531E-004 * x + 6.5969E-005$$

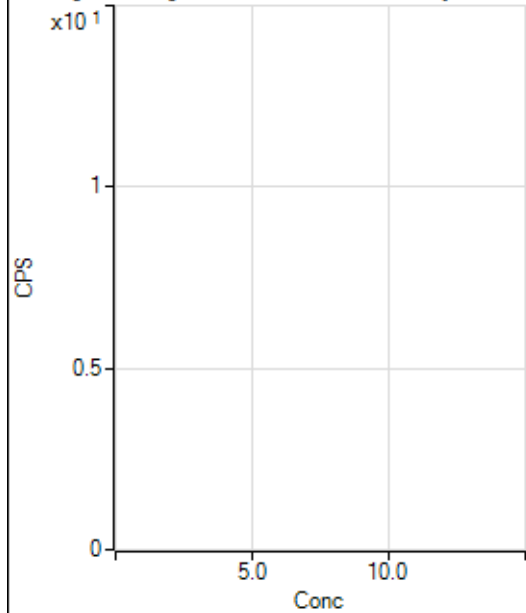
$$R = 0.9998$$

$$DL = 0.08964$$

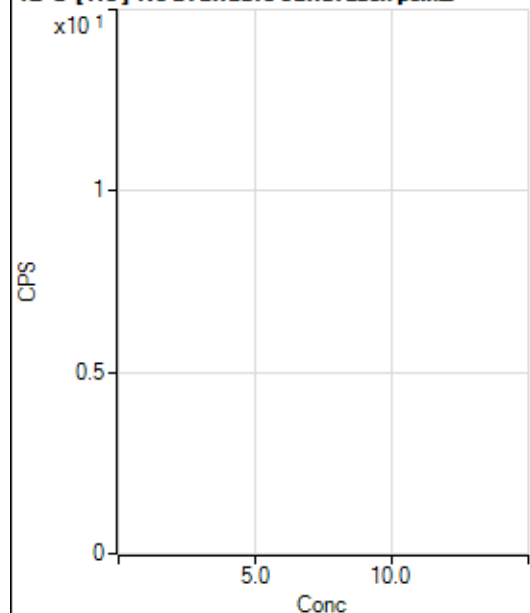
$$BEC = 0.1022$$

Weight: <None>

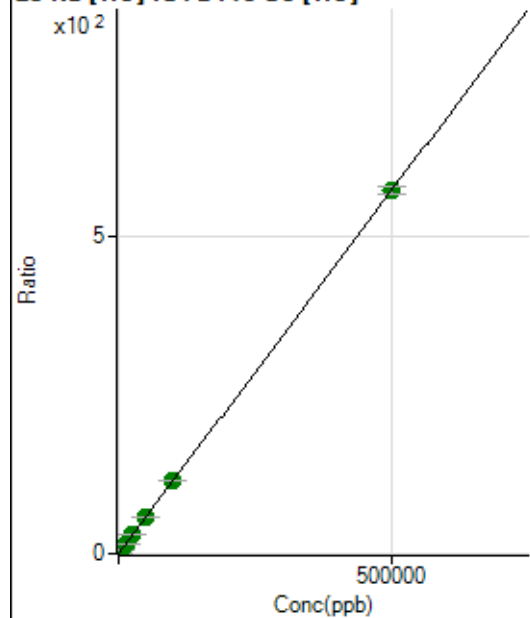
Min Conc: 0

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	13274.72	0.0562	P	0.7
2	☐	500.000	472.369	141292.31	0.5964	P	0.9
3	☐	5000.000	5076.495	1384554.62	5.8619	A	0.4
4	☐	12500.000	12708.730	3322312.48	14.5904	A	0.5
5	☐	25000.000	25396.648	6416607.26	29.1008	A	1.2
6	☐	50000.000	50859.890	12549983.15	58.2215	A	1.7
7	☐	100000.00	100856.27	24713626.30	115.3993	A	0.6
8	☐	500000.00	499716.96	115478253.8	571.5517	A	2.2

$$y = 0.0011 * x + 0.0562$$

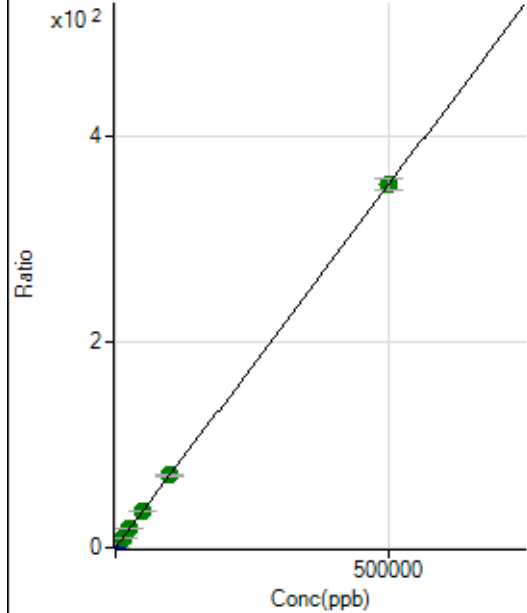
$$R = 1.0000$$

$$DL = 1.026$$

$$BEC = 49.12$$

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	471.12	0.0020	P	12.7
2	☐	500.000	477.036	80321.60	0.3390	P	0.9
3	☐	5000.000	5199.360	868160.56	3.6755	P	0.8
4	☐	12500.000	12669.967	2038833.44	8.9538	A	0.1
5	☐	25000.000	25473.758	3968938.90	18.0001	A	0.8
6	☐	50000.000	50767.991	7732380.93	35.8714	A	1.8
7	☐	100000.00	99477.983	15052505.47	70.2867	A	0.6
8	☐	500000.00	499997.69	71363379.49	353.2681	A	3.2

$$y = 7.0654\text{E-}004 * x + 0.0020$$

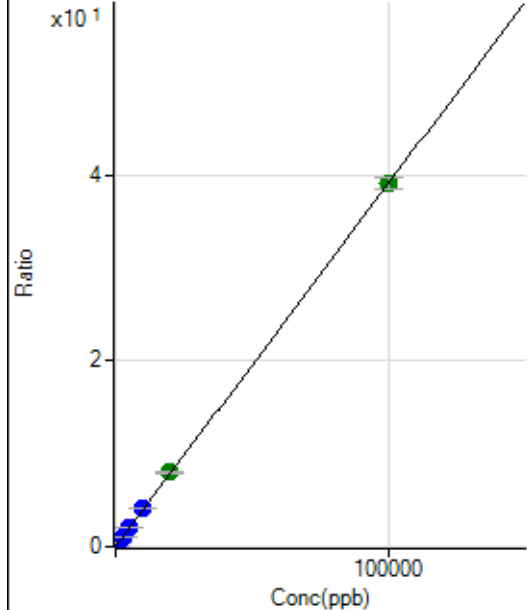
$$R = 1.0000$$

$$DL = 1.077$$

$$BEC = 2.823$$

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	95.55	0.0004	P	6.9
2	☐	20.000	19.534	1903.48	0.0080	P	8.3
3	☐	1000.000	1051.285	97113.66	0.4112	P	0.8
4	☐	2500.000	2632.780	234322.45	1.0291	P	0.3
5	☐	5000.000	5247.708	452195.39	2.0507	P	0.3
6	☐	10000.000	10442.893	879568.09	4.0806	P	1.8
7	☐	20000.000	20430.177	1709477.67	7.9827	A	1.5
8	☐	100000.00	99853.458	7881376.55	39.0142	A	3.2

$$y = 3.9071\text{E-}004 * x + 4.0430\text{E-}004$$

$$R = 1.0000$$

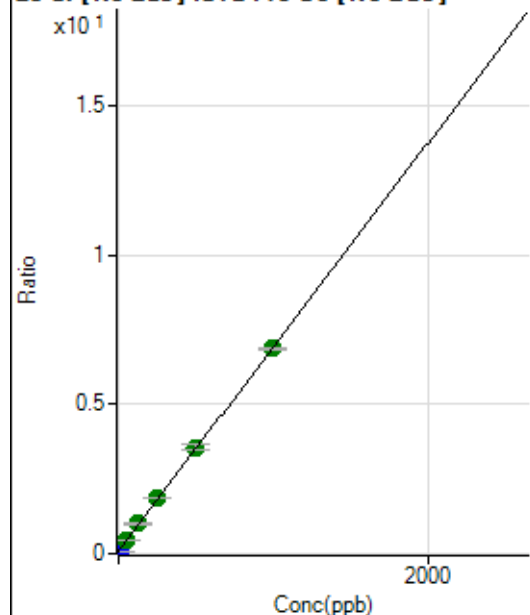
$$DL = 0.2142$$

$$BEC = 1.035$$

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	251158.34	0.0874	P	1.4
2	☐	10.000	0.473	263623.08	0.0906	P	2.3
3	☐	50.000	54.700	1356267.85	0.4607	A	2.1
4	☐	125.000	133.724	2841720.17	1.0000	A	1.9
5	☐	250.000	259.227	5188552.11	1.8566	A	2.0
6	☐	500.000	509.740	9544076.53	3.5663	A	5.8
7	☐	1000.000	991.593	18242424.31	6.8549	A	0.6
8	☐			386552.34	0.1560	P	6.5

$$y = 0.0068 * x + 0.0874$$

$$R = 0.9998$$

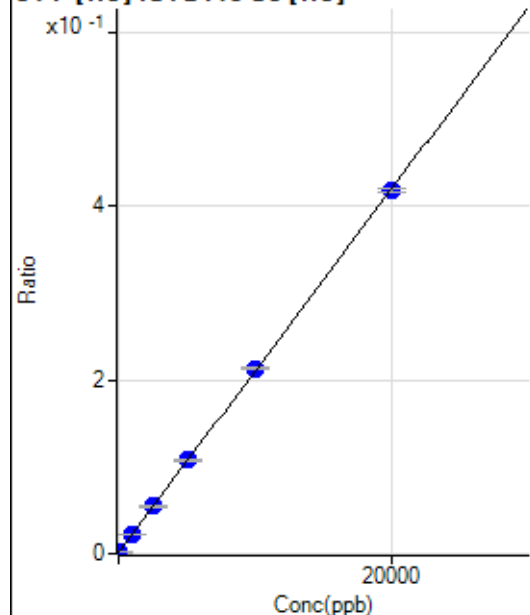
$$DL = 0.5318$$

$$BEC = 12.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.511	215.56	0.0009	P	10.1
2	☐	0.000	13.511	350.01	0.0015	P	11.5
3	☐	1000.000	1010.090	5277.62	0.0223	P	3.6
4	☐	2500.000	2580.565	12576.35	0.0552	P	4.0
5	☐	5000.000	5092.132	23772.99	0.1078	P	1.4
6	☐	10000.000	10136.305	46011.28	0.2134	P	0.9
7	☐	20000.000	19898.239	89480.53	0.4178	P	1.0
8	☐			248.89	0.0012	P	21.2

$$y = 2.0938E-005 * x + 0.0012$$

$$R = 0.9999$$

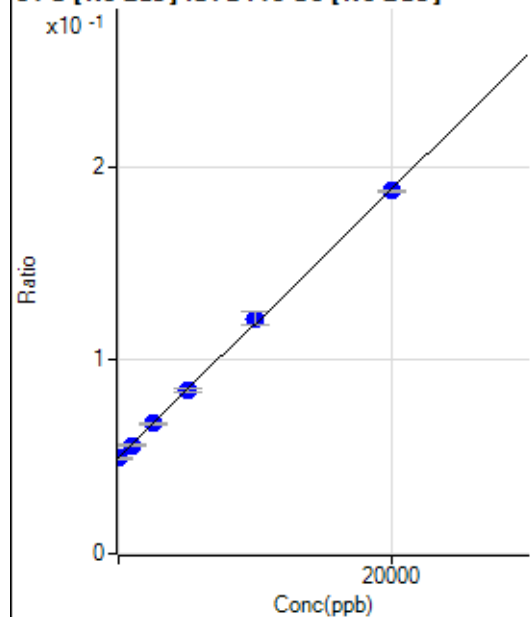
$$DL = 18.73$$

$$BEC = 57.07$$

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	32.741	142818.91	0.0497	P	1.2
2	☐	0.000	-32.741	143251.55	0.0492	P	0.4
3	☐	1000.000	922.753	164532.88	0.0559	P	1.8
4	☐	2500.000	2564.691	191320.24	0.0673	P	0.9
5	☐	5000.000	5014.266	235828.79	0.0844	P	1.6
6	☐	10000.000	10335.457	325033.63	0.1214	P	5.6
7	☐	20000.000	19824.481	499055.54	0.1875	P	0.7
8	☐			138205.63	0.0557	P	5.9

$$y = 6.9644\text{E-}006 * x + 0.0495$$

R = 0.9998

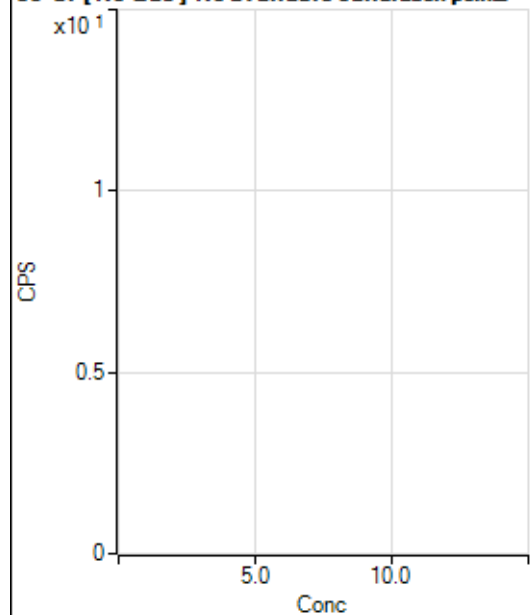
DL = 177.2

BEC = 7102

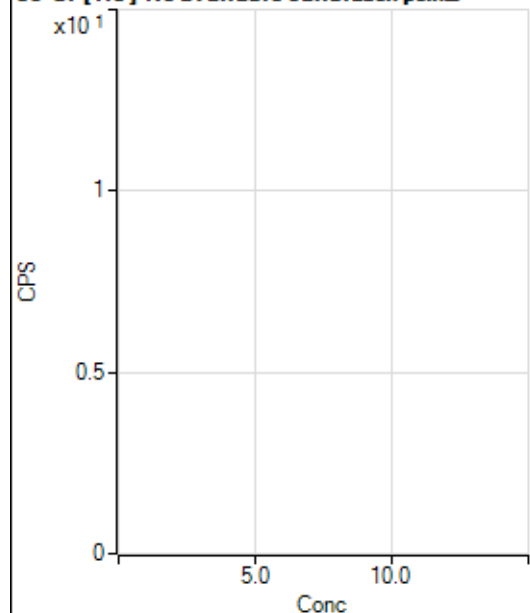
Weight: <None>

Min Conc: 0

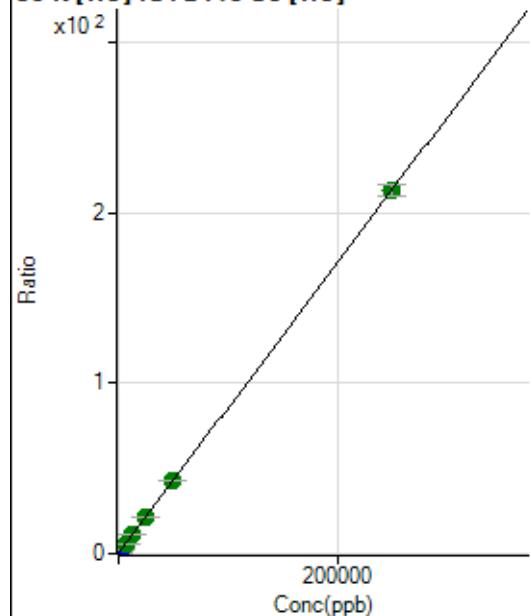
35 Cl [No Gas] No available calibration points



	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	47879.50	0.2026	P	0.4
2	☐	500.000	489.532	146649.19	0.6190	P	0.1
3	☐	2500.000	2695.418	589362.73	2.4952	P	0.6
4	☐	6250.000	6363.835	1278638.68	5.6153	A	1.0
5	☐	12500.000	12755.544	2436937.31	11.0518	A	0.7
6	☐	25000.000	25292.134	4681285.90	21.7147	A	0.9
7	☐	50000.000	50390.958	9222041.04	43.0623	A	0.7
8	☐	250000.00	249875.03	42974801.86	212.7321	A	3.1

$$y = 8.5054\text{E-}004 * x + 0.2026$$

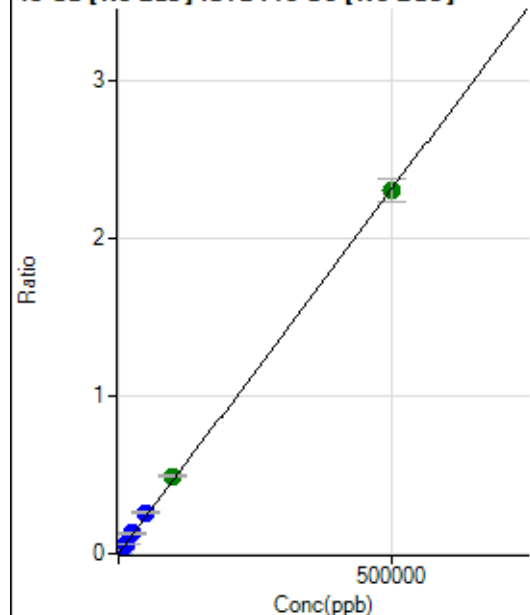
$$R = 1.0000$$

$$DL = 2.898$$

$$BEC = 238.2$$

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	448.90	0.0002	P	11.3
2	☐	500.000	472.518	6813.80	0.0023	P	2.6
3	☐	5000.000	5539.233	75905.10	0.0258	P	1.5
4	☐	12500.000	13981.010	184240.33	0.0648	P	1.7
5	☐	25000.000	27758.759	359334.94	0.1286	P	1.4
6	☐	50000.000	56245.044	696706.24	0.2604	P	6.0
7	☐	100000.00	106099.48	1306521.45	0.4910	A	1.7
8	☐	500000.00	497975.27	5710493.53	2.3039	A	6.3

$$y = 4.6262\text{E-}006 * x + 1.5604\text{E-}004$$

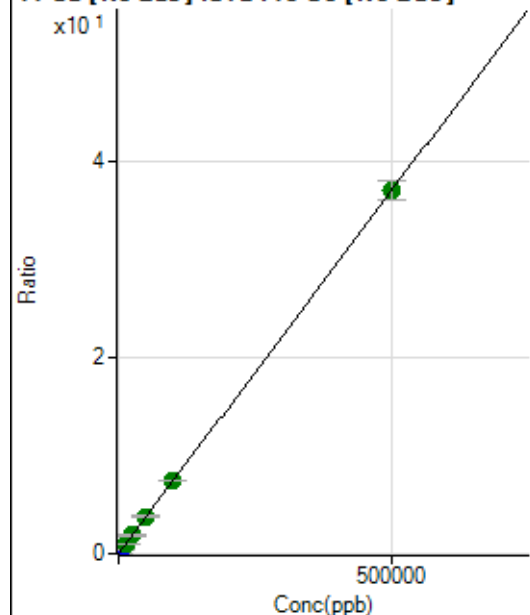
$$R = 0.9999$$

$$DL = 11.48$$

$$BEC = 33.73$$

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	14571.92	0.0051	P	2.4
2	☐	500.000	463.110	114612.09	0.0394	P	0.6
3	☐	5000.000	5265.024	1163574.33	0.3953	P	2.3
4	☐	12500.000	12723.013	2693990.45	0.9480	A	0.7
5	☐	25000.000	25206.466	5235043.33	1.8731	A	1.2
6	☐	50000.000	51105.223	10150145.20	3.7925	A	5.6
7	☐	100000.00	100213.12	19775729.57	7.4319	A	1.7
8	☐	500000.00	499828.34	91860843.08	37.0476	A	5.4

$$y = 7.4110\text{E-}005 * x + 0.0051$$

$$R = 1.0000$$

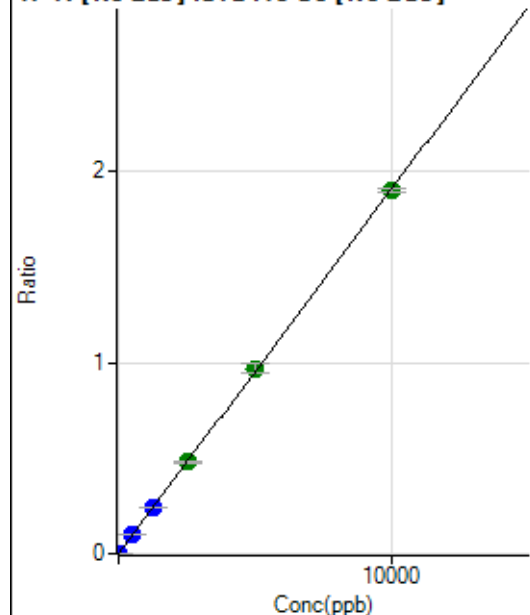
$$DL = 4.977$$

$$BEC = 68.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	82.22	0.0000	P	16.2
2	☐	5.000	4.998	2858.08	0.0010	P	3.1
3	☐	500.000	506.564	284667.82	0.0967	P	1.7
4	☐	1250.000	1279.875	694138.16	0.2443	P	0.9
5	☐	2500.000	2514.782	1341160.75	0.4799	A	2.2
6	☐	5000.000	5078.248	2594217.46	0.9691	A	5.0
7	☐	10000.000	9953.118	5054306.38	1.8993	A	0.9
8	☐			925.59	0.0004	P	7.2

$$y = 1.9082\text{E-}004 * x + 2.8629\text{E-}005$$

$$R = 1.0000$$

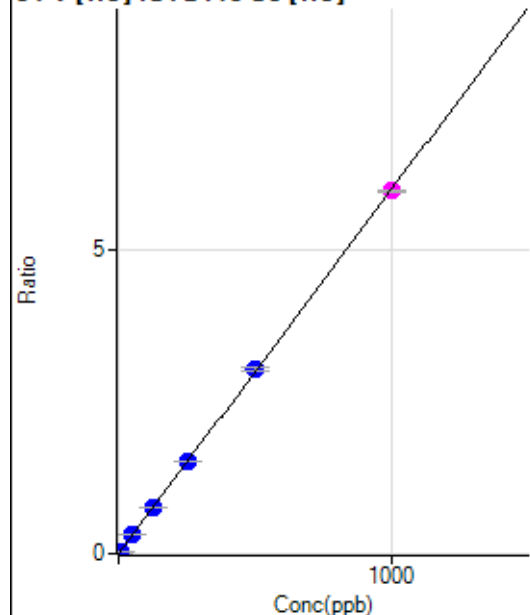
$$DL = 0.07293$$

$$BEC = 0.15$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.89	0.0001	P	26.9
2	☐	5.000	4.641	6613.75	0.0279	P	2.3
3	☐	50.000	50.508	71577.51	0.3030	P	0.7
4	☐	125.000	126.863	173294.72	0.7610	P	1.4
5	☐	250.000	252.920	334533.05	1.5171	P	0.2
6	☐	500.000	505.967	654191.98	3.0350	P	1.8
7	☐	1000.000	996.030	1279485.67	5.9745	M	0.4
8	☐			336.67	0.0017	P	6.8

$$y = 0.0060 * x + 7.9921\text{E-}005$$

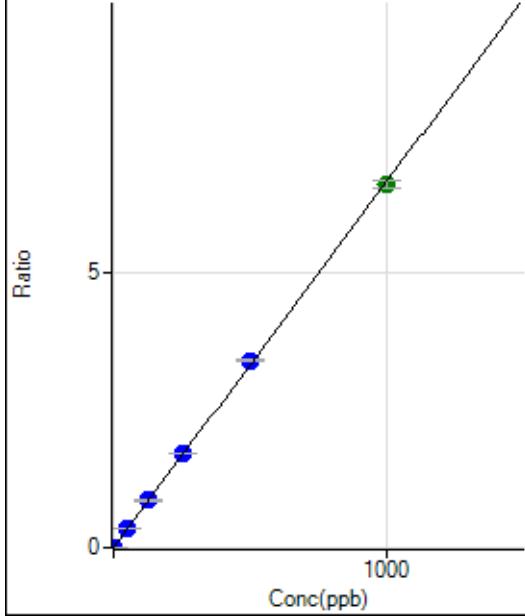
$$R = 1.0000$$

$$DL = 0.01075$$

$$BEC = 0.01332$$

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	675.58	0.0029	P	9.0
2	☐	2.000	1.935	3733.83	0.0158	P	2.3
3	☐	50.000	51.602	81926.46	0.3469	P	1.1
4	☐	125.000	128.465	195654.21	0.8592	P	0.4
5	☐	250.000	256.960	378342.62	1.7158	P	0.2
6	☐	500.000	512.069	736434.66	3.4165	P	1.6
7	☐	1000.000	991.712	1416337.57	6.6139	A	2.0
8	☐			3862.80	0.0191	P	1.5

$$y = 0.0067 * x + 0.0029$$

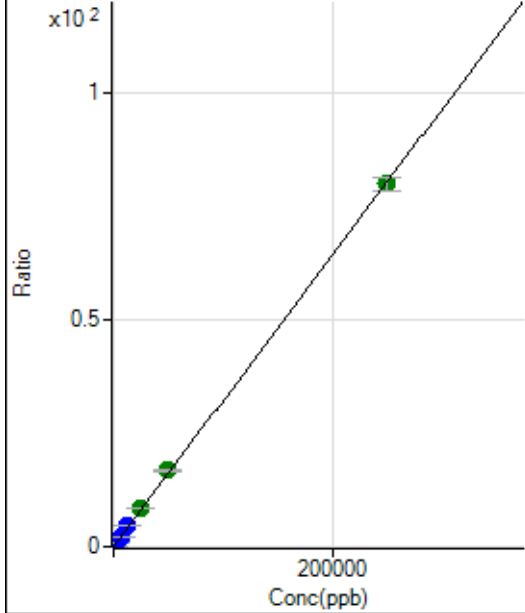
$$R = 0.9999$$

$$DL = 0.1156$$

$$BEC = 0.4288$$

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	1178.95	0.0050	P	3.5
2	☐	50.000	52.301	5153.15	0.0218	P	3.5
3	☐	2500.000	2820.603	214686.40	0.9089	P	0.2
4	☐	6250.000	7031.964	514289.18	2.2586	P	0.3
5	☐	12500.000	13973.979	988592.02	4.4833	P	0.3
6	☐	25000.000	26770.346	1850523.72	8.5843	A	1.6
7	☐	50000.000	52222.933	3585146.20	16.7412	A	1.2
8	☐	250000.00	249281.92	16138680.45	79.8941	A	3.4

$$y = 3.2048E-004 * x + 0.0050$$

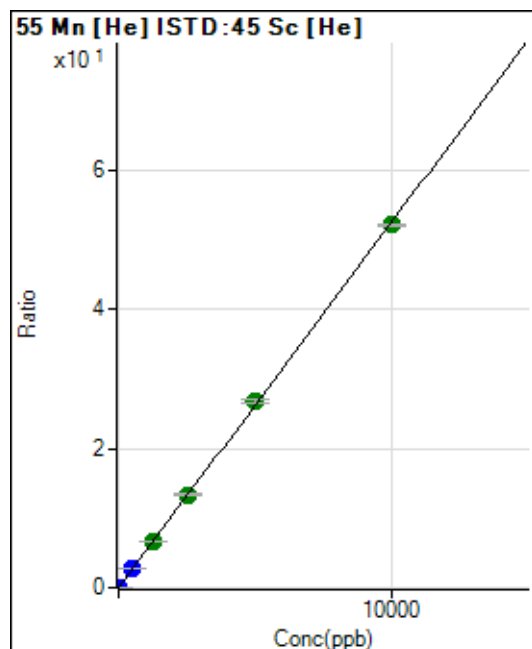
$$R = 0.9999$$

$$DL = 1.628$$

$$BEC = 15.57$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.67	0.0012	P	7.4
2	☐	1.000	0.925	1438.98	0.0061	P	2.9
3	☐	500.000	516.330	640979.31	2.7137	P	0.4
4	☐	1250.000	1273.834	1524074.26	6.6932	A	0.9
5	☐	2500.000	2546.639	2950406.28	13.3798	A	1.4
6	☐	5000.000	5108.497	5784998.18	26.8384	A	1.9
7	☐	10000.000	9930.296	11172335.39	52.1694	A	0.7
8	☐			5262.09	0.0261	P	3.8

$$y = 0.0053 * x + 0.0012$$

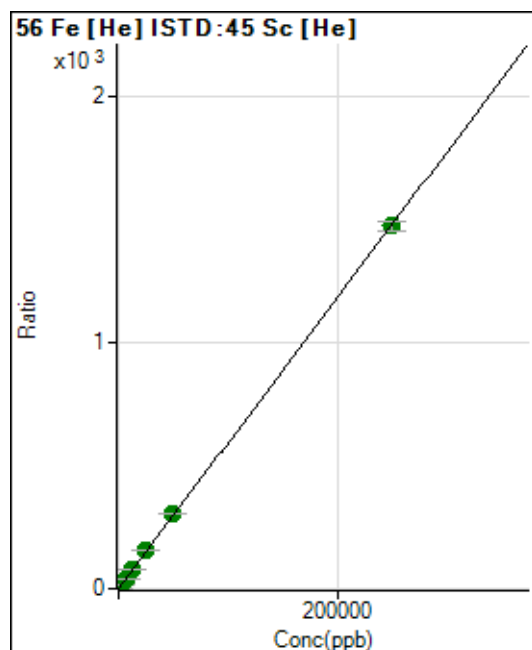
$$R = 0.9999$$

$$DL = 0.0512$$

$$BEC = 0.2309$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8768.19	0.0371	P	1.5
2	☐	50.000	51.083	80239.12	0.3387	P	1.1
3	☐	2500.000	2637.006	3686002.20	15.6054	A	0.8
4	☐	6250.000	6620.598	8908716.60	39.1236	A	0.4
5	☐	12500.000	13108.381	17073309.89	77.4259	A	1.2
6	☐	25000.000	26123.456	33251859.78	154.2639	A	1.8
7	☐	50000.000	51094.063	64608584.59	301.6846	A	0.5
8	☐	250000.00	249627.78	297746797.7	1473.781	A	2.6

$$y = 0.0059 * x + 0.0371$$

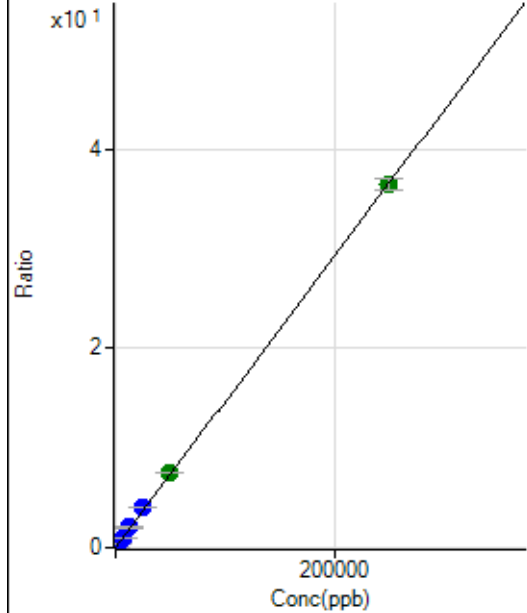
$$R = 1.0000$$

$$DL = 0.2836$$

$$BEC = 6.285$$

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	446.68	0.0019	P	6.3
2	☐	50.000	52.373	2260.19	0.0095	P	3.7
3	☐	2500.000	2772.040	96086.76	0.4068	P	1.4
4	☐	6250.000	6959.048	231899.73	1.0184	P	0.4
5	☐	12500.000	13872.361	447242.73	2.0283	P	0.6
6	☐	25000.000	27441.353	864452.12	4.0103	P	1.6
7	☐	50000.000	51620.797	1615191.83	7.5423	A	1.2
8	☐	250000.00	249342.64	7358004.33	36.4239	A	3.2

$$y = 1.4607\text{E-}004 * x + 0.0019$$

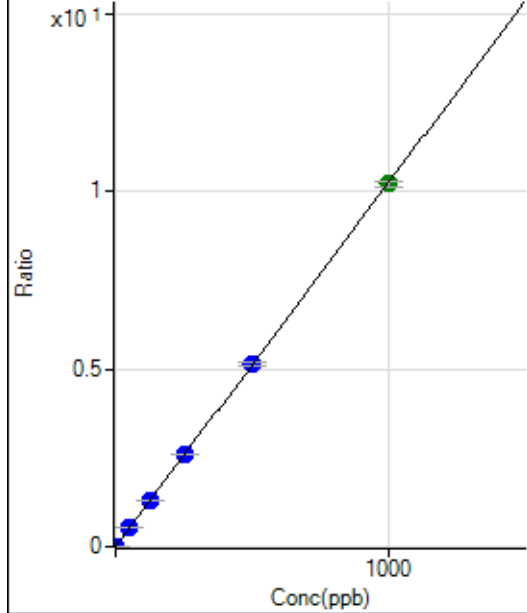
$$R = 0.9999$$

$$DL = 2.448$$

$$BEC = 12.94$$

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	40.00	0.0002	P	21.7
2	☐	1.000	1.018	2510.24	0.0106	P	5.2
3	☐	50.000	51.938	125687.49	0.5321	P	0.6
4	☐	125.000	128.535	299802.95	1.3166	P	0.6
5	☐	250.000	255.450	576936.93	2.6165	P	0.3
6	☐	500.000	502.320	1109035.93	5.1449	P	1.5
7	☐	1000.000	996.939	2186618.39	10.2108	A	1.6
8	☐			5911.27	0.0293	P	4.0

$$y = 0.0102 * x + 1.6918\text{E-}004$$

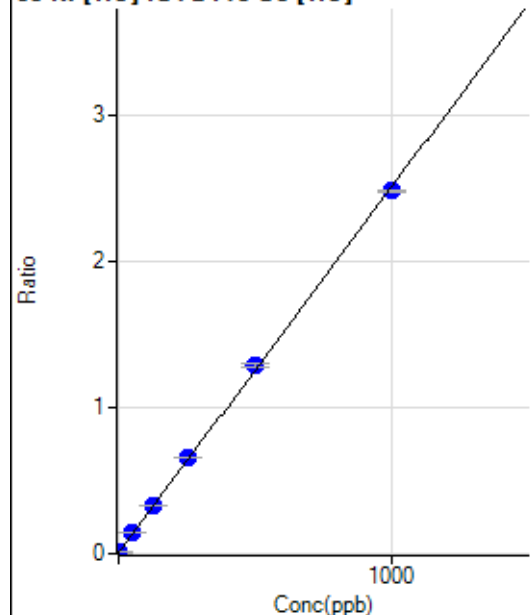
$$R = 1.0000$$

$$DL = 0.01077$$

$$BEC = 0.01652$$

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	1272.29	0.0054	P	5.4
2	☐	1.000	0.831	1766.78	0.0075	P	8.5
3	☐	50.000	53.659	32928.36	0.1394	P	1.1
4	☐	125.000	131.225	75858.27	0.3331	P	0.8
5	☐	250.000	260.937	144899.95	0.6571	P	1.1
6	☐	500.000	513.183	277464.97	1.2872	P	1.3
7	☐	1000.000	989.713	530552.94	2.4774	P	0.5
8	☐			2601.37	0.0129	P	7.4

$$y = 0.0025 * x + 0.0054$$

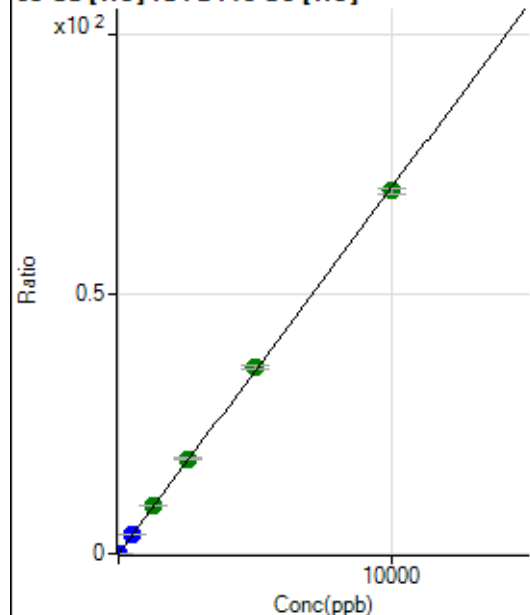
$$R = 0.9998$$

$$DL = 0.3485$$

$$BEC = 2.155$$

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	2199.07	0.0093	P	1.5
2	☐	2.000	1.871	5324.33	0.0225	P	2.4
3	☐	500.000	523.246	871906.18	3.6914	P	0.5
4	☐	1250.000	1308.367	2098625.73	9.2164	A	1.3
5	☐	2500.000	2594.995	4028713.38	18.2705	A	1.4
6	☐	5000.000	5105.857	7745978.43	35.9396	A	2.7
7	☐	10000.000	9914.865	14943437.83	69.7809	A	1.5
8	☐			6249.63	0.0310	P	31.8

$$y = 0.0070 * x + 0.0093$$

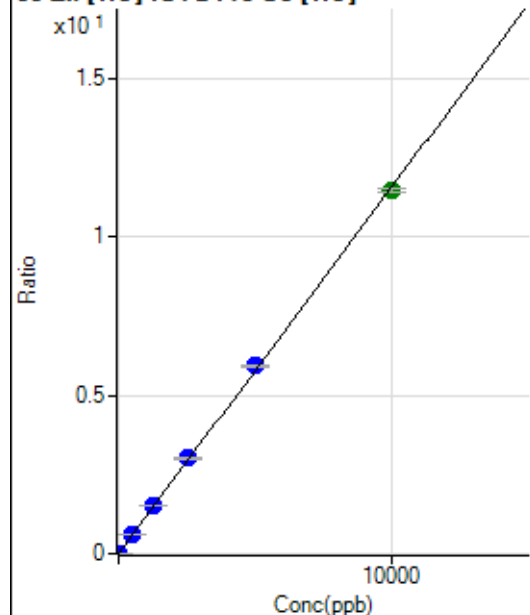
$$R = 0.9999$$

$$DL = 0.06001$$

$$BEC = 1.322$$

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	503.35	0.0021	P	13.7
2	☐	2.000	1.818	1003.38	0.0042	P	3.3
3	☐	500.000	523.516	143628.76	0.6081	P	0.3
4	☐	1250.000	1316.004	347337.74	1.5254	P	0.7
5	☐	2500.000	2601.902	664521.60	3.0137	P	0.7
6	☐	5000.000	5121.648	1278294.85	5.9303	P	1.7
7	☐	10000.000	9904.275	2455452.32	11.4660	A	1.2
8	☐			2063.52	0.0102	P	12.4

$$y = 0.0012 * x + 0.0021$$

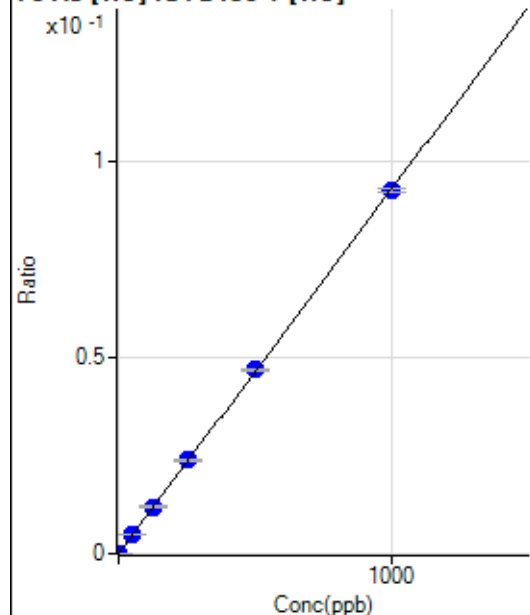
$$R = 0.9998$$

$$DL = 0.7546$$

$$BEC = 1.841$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	1.000	1.084	208.89	0.0001	P	21.4
3	☐	50.000	51.868	9874.48	0.0048	P	0.8
4	☐	125.000	128.430	23737.91	0.0120	P	1.4
5	☐	250.000	256.579	46267.43	0.0239	P	1.0
6	☐	500.000	504.484	88947.49	0.0470	P	1.3
7	☐	1000.000	995.591	173087.19	0.0927	P	1.2
8	☐			76.67	0.0000	P	29.2

$$y = 9.3092E-005 * x + 1.1003E-006$$

$$R = 1.0000$$

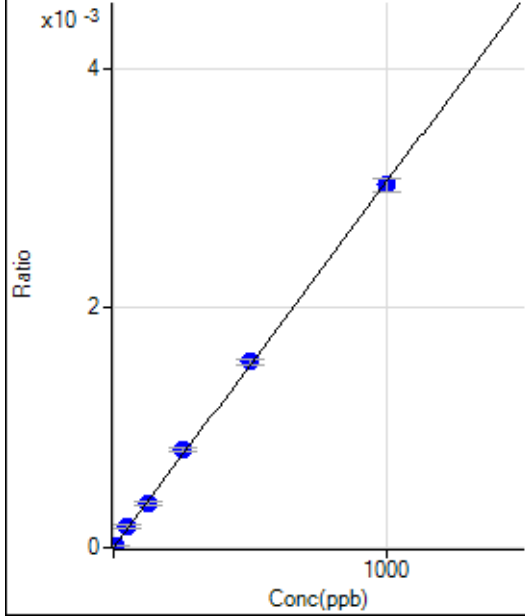
$$DL = 0.06142$$

$$BEC = 0.01182$$

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	3.915	24.44	0.0000	P	48.0
3	☐	50.000	56.680	353.34	0.0002	P	20.2
4	☐	125.000	122.184	740.03	0.0004	P	6.4
5	☐	250.000	266.648	1575.65	0.0008	P	3.2
6	☐	500.000	507.591	2932.54	0.0015	P	3.4
7	☐	1000.000	992.066	5651.13	0.0030	P	4.0
8	☐			26.67	0.0000	P	77.7

$$y = 3.0508\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

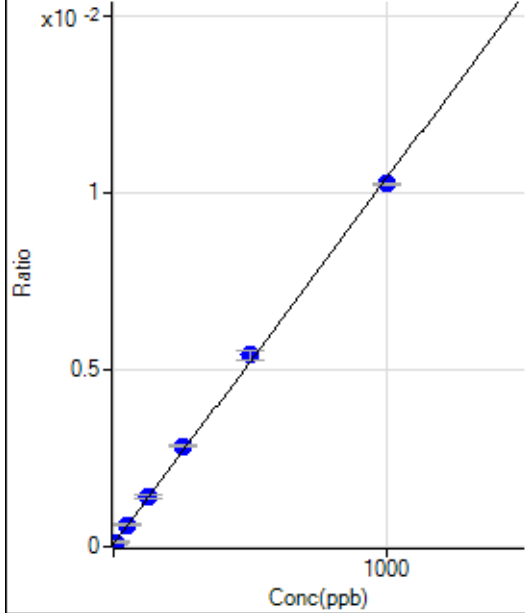
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0001	P	7.0
2	☐	5.000	6.635	268.89	0.0001	P	20.1
3	☐	50.000	53.847	1266.74	0.0006	P	2.4
4	☐	125.000	129.780	2789.17	0.0014	P	6.4
5	☐	250.000	269.185	5512.19	0.0028	P	2.7
6	☐	500.000	518.231	10263.63	0.0054	P	5.0
7	☐	1000.000	985.290	19143.55	0.0103	P	0.4
8	☐			216.67	0.0001	P	15.7

$$y = 1.0340\text{E-}005 * x + 6.2745\text{E-}005$$

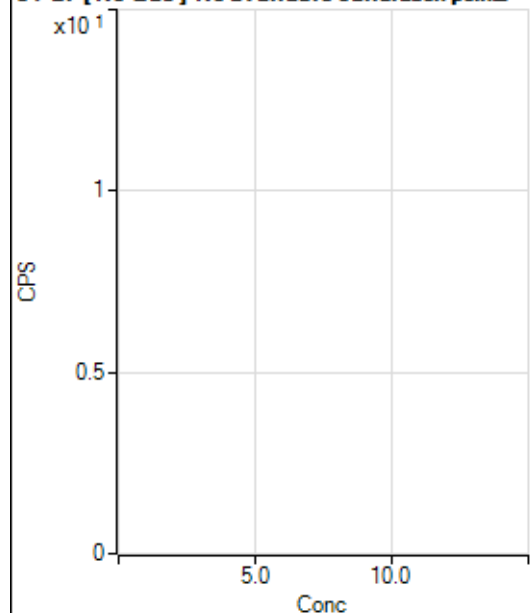
$$R = 0.9996$$

$$DL = 1.267$$

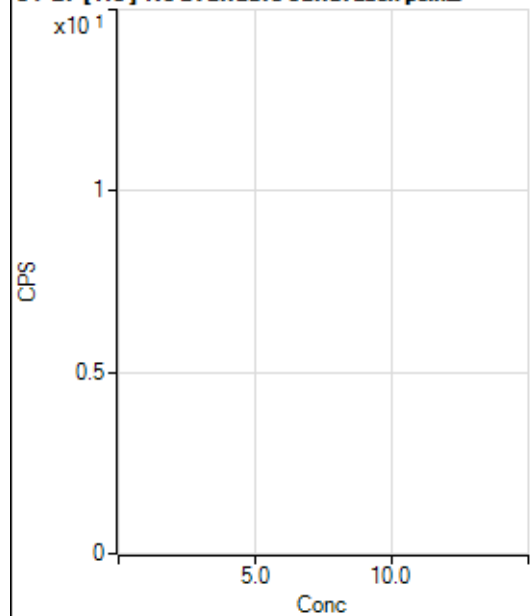
$$BEC = 6.068$$

Weight: <None>

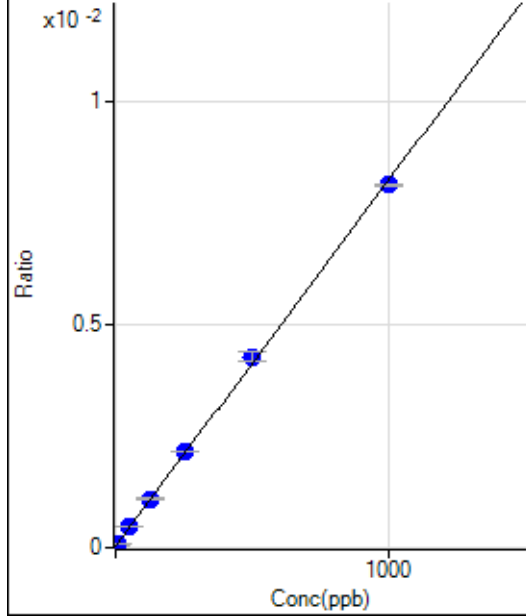
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22479.42		P	1.0
2	☐			22664.23		P	1.2
3	☐			23011.38		P	1.6
4	☐			22066.61		P	2.0
5	☐			21704.97		P	1.2
6	☐			21498.01		P	1.8
7	☐			21573.65		P	2.3
8	☐			21736.10		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	22.7
2	☐			95.56		P	20.4
3	☐			77.78		P	6.5
4	☐			90.00		P	24.3
5	☐			72.22		P	14.1
6	☐			81.11		P	14.4
7	☐			76.67		P	34.8
8	☐			236.67		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.58	0.0000	P	23.1
2	☐	5.000	5.102	619.69	0.0001	P	2.4
3	☐	50.000	53.141	4107.44	0.0005	P	3.0
4	☐	125.000	129.876	9428.26	0.0011	P	1.8
5	☐	250.000	258.694	18090.14	0.0021	P	1.3
6	☐	500.000	518.893	34911.05	0.0043	P	4.8
7	☐	1000.000	987.613	66765.94	0.0081	P	0.6
8	☐			595.66	0.0001	P	4.9

$$y = 8.1888\text{E-}006 * x + 2.9338\text{E-}005$$

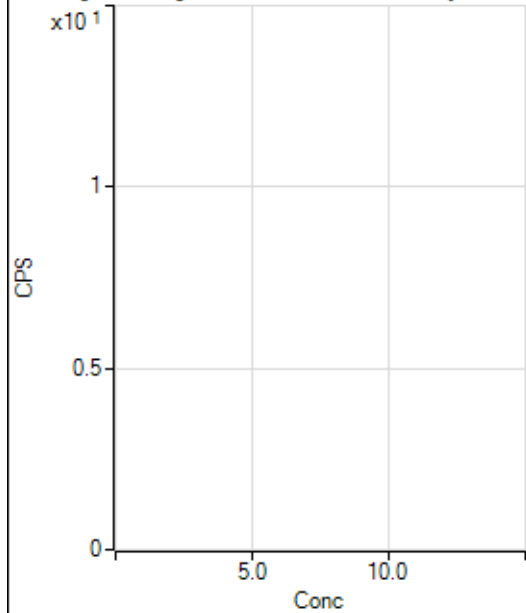
$$R = 0.9997$$

$$DL = 2.478$$

$$BEC = 3.583$$

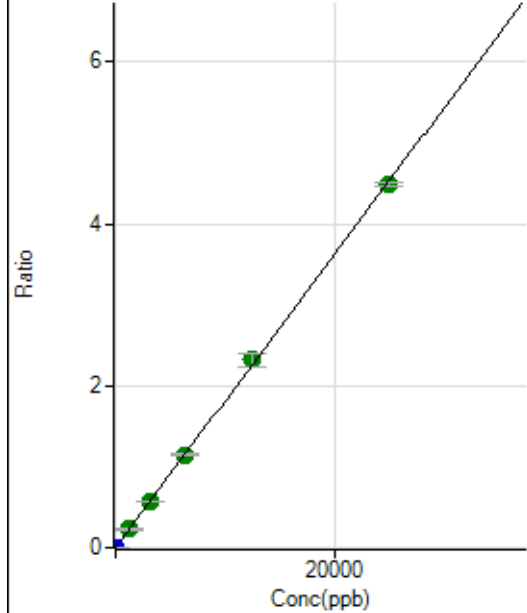
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			126.67		P	34.5
2	☐			117.78		P	18.2
3	☐			91.11		P	11.2
4	☐			93.33		P	14.3
5	☐			140.00		P	35.1
6	☐			106.67		P	28.1
7	☐			118.89		P	4.3
8	☐			142.22		P	17.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	178.89	0.0000	P	5.0
2	☐	1.000	0.958	1689.01	0.0002	P	5.8
3	☐	1250.000	1257.679	2009605.65	0.2273	A	2.0
4	☐	3125.000	3176.536	4953103.85	0.5741	A	0.4
5	☐	6250.000	6350.155	9666246.94	1.1476	A	1.2
6	☐	12500.000	12853.159	18937800.41	2.3228	A	7.0
7	☐	25000.000	24791.556	36853078.06	4.4803	A	0.9
8	☐			5166.52	0.0007	P	2.9

$$y = 1.8072E-004 * x + 2.0678E-005$$

$$R = 0.9998$$

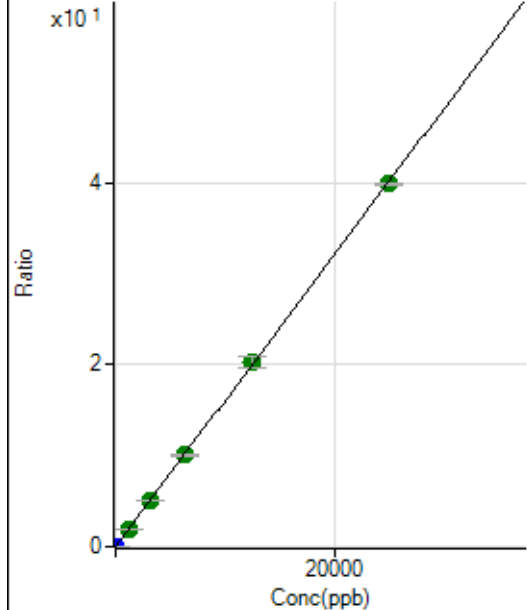
$$DL = 0.01723$$

$$BEC = 0.1144$$

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	211.11	0.0000	P	3.3
2	☐	1.000	0.905	12846.84	0.0015	P	2.2
3	☐	1250.000	1231.978	17448096.55	1.9733	A	0.9
4	☐	3125.000	3117.555	43082221.02	4.9934	A	0.7
5	☐	6250.000	6305.519	85064375.95	10.0996	A	1.7
6	☐	12500.000	12702.327	165946379.7	20.3454	A	5.9
7	☐	25000.000	24886.788	327891770.6	39.8614	A	0.5
8	☐			45139.45	0.0061	P	5.8

$$y = 0.0016 * x + 2.4401E-005$$

$$R = 0.9999$$

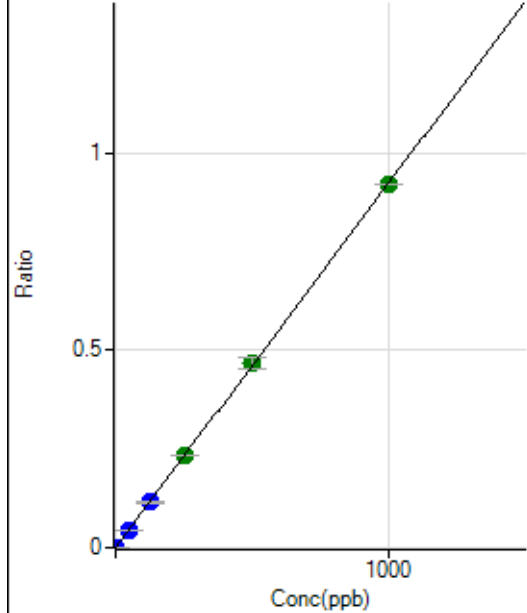
$$DL = 0.001502$$

$$BEC = 0.01523$$

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	317.79	0.0000	P	7.4
2	☐	1.000	0.863	7268.53	0.0008	P	0.7
3	☐	50.000	49.149	401897.60	0.0455	P	1.7
4	☐	125.000	124.224	990720.41	0.1148	P	0.7
5	☐	250.000	252.927	1968936.76	0.2338	A	1.5
6	☐	500.000	507.239	3823746.16	0.4688	A	5.8
7	☐	1000.000	995.789	7569922.87	0.9203	A	0.2
8	☐			3435.99	0.0005	P	8.5

$$y = 9.2411\text{E-}004 * x + 3.6737\text{E-}005$$

$$R = 1.0000$$

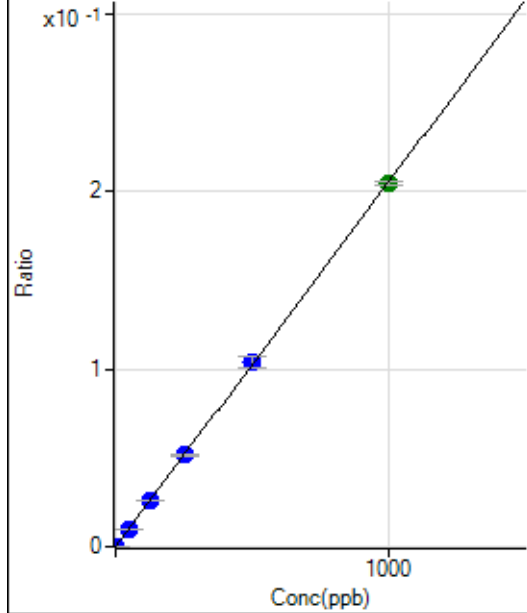
$$DL = 0.008807$$

$$BEC = 0.03975$$

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	66.67	0.0000	P	20.9
2	☐	1.000	0.878	1635.66	0.0002	P	0.9
3	☐	50.000	49.535	89872.78	0.0102	P	2.0
4	☐	125.000	125.903	222797.94	0.0258	P	1.5
5	☐	250.000	251.366	434194.77	0.0516	P	1.7
6	☐	500.000	508.028	849700.61	0.1042	P	6.1
7	☐	1000.000	995.555	1679296.90	0.2042	A	1.2
8	☐			740.03	0.0001	P	4.1

$$y = 2.0506\text{E-}004 * x + 7.7156\text{E-}006$$

$$R = 0.9999$$

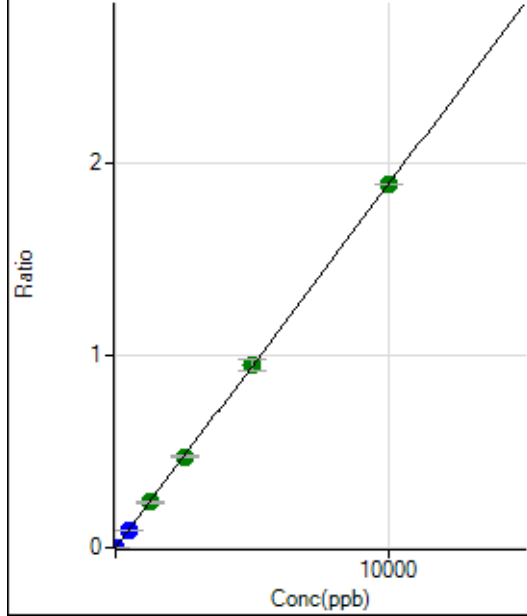
$$DL = 0.02359$$

$$BEC = 0.03763$$

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	232.23	0.0000	P	16.4
2	☐	5.000	5.156	8728.22	0.0010	P	0.4
3	☐	500.000	492.711	823635.15	0.0932	P	1.3
4	☐	1250.000	1243.762	2028387.07	0.2351	A	1.2
5	☐	2500.000	2492.610	3968070.53	0.4712	A	2.3
6	☐	5000.000	5039.600	7769070.23	0.9526	A	6.1
7	☐	10000.000	9983.192	15522273.93	1.8870	A	0.1
8	☐			3967.24	0.0005	P	9.3

$$y = 1.8901E-004 * x + 2.6875E-005$$

$$R = 1.0000$$

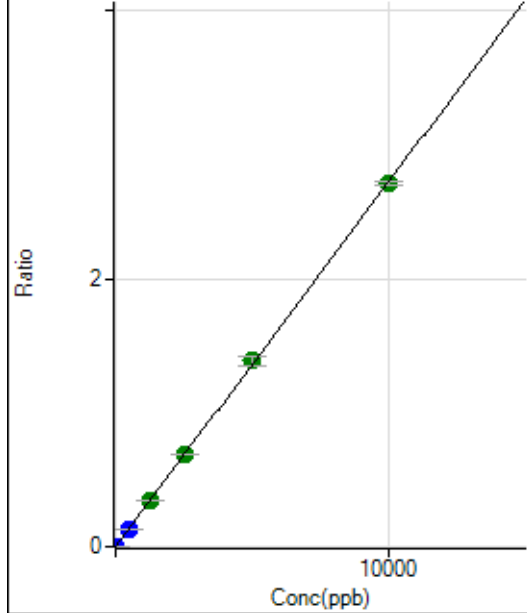
$$DL = 0.07015$$

$$BEC = 0.1422$$

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	547.79	0.0001	P	5.2
2	☐	5.000	4.526	11284.42	0.0013	P	1.6
3	☐	500.000	496.087	1193983.85	0.1350	P	1.1
4	☐	1250.000	1249.373	2933258.18	0.3400	A	1.6
5	☐	2500.000	2520.754	5777436.65	0.6859	A	1.2
6	☐	5000.000	5089.640	11295392.33	1.3849	A	5.9
7	☐	10000.000	9950.266	22269824.95	2.7074	A	1.0
8	☐			4524.08	0.0006	P	5.0

$$y = 2.7208E-004 * x + 6.3315E-005$$

$$R = 0.9999$$

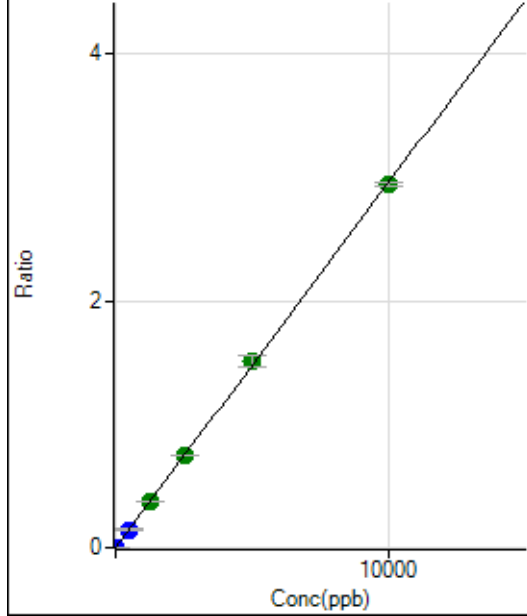
$$DL = 0.03625$$

$$BEC = 0.2327$$

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	91.11	0.0000	P	20.5
2	☐	5.000	4.463	11592.47	0.0013	P	1.0
3	☐	500.000	496.326	1297624.08	0.1468	P	1.9
4	☐	1250.000	1254.987	3201565.44	0.3711	A	1.4
5	☐	2500.000	2509.026	6249694.98	0.7419	A	0.6
6	☐	5000.000	5121.595	12353547.45	1.5144	A	5.7
7	☐	10000.000	9936.506	24168612.14	2.9382	A	0.9
8	☐			11132.10	0.0015	P	3.0

$$y = 2.9570E-004 * x + 1.0524E-005$$

$$R = 0.9999$$

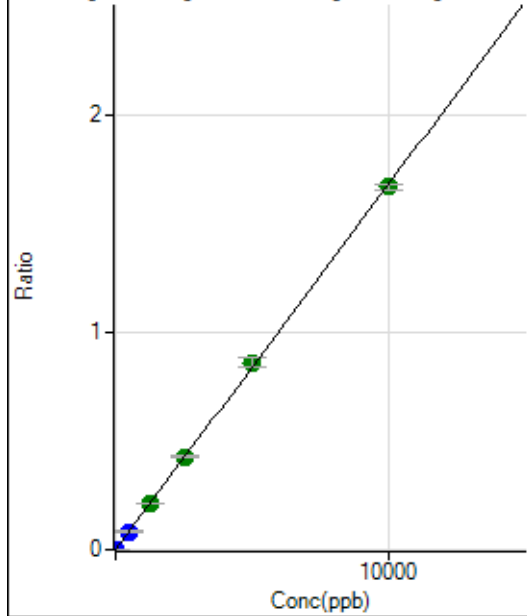
$$DL = 0.02187$$

$$BEC = 0.03559$$

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	108.89	0.0000	P	7.4
2	☐	5.000	4.430	6611.55	0.0008	P	0.6
3	☐	500.000	499.457	743744.72	0.0841	P	1.5
4	☐	1250.000	1262.337	1834040.48	0.2126	A	1.7
5	☐	2500.000	2540.414	3603249.11	0.4278	A	1.7
6	☐	5000.000	5115.529	7027678.50	0.8615	A	5.4
7	☐	10000.000	9930.617	13755351.04	1.6723	A	1.6
8	☐			2636.94	0.0004	P	3.6

$$y = 1.6840E-004 * x + 1.2593E-005$$

$$R = 0.9999$$

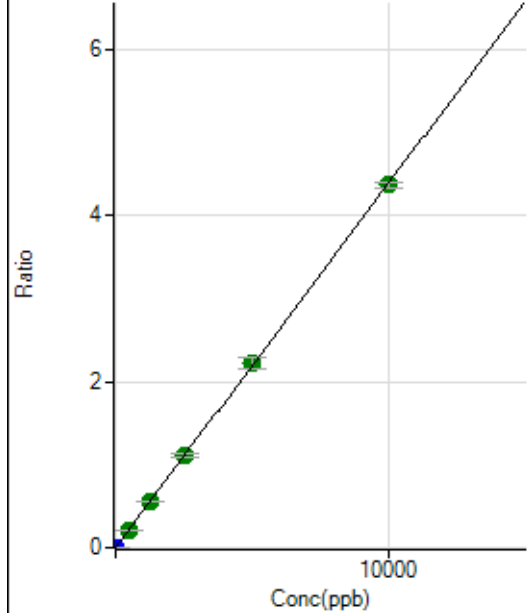
$$DL = 0.01658$$

$$BEC = 0.07478$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0000	P	34.0
2	☐	5.000	4.381	16784.20	0.0019	P	0.7
3	☐	500.000	490.355	1899801.90	0.2149	A	1.6
4	☐	1250.000	1254.135	4741504.79	0.5496	A	0.9
5	☐	2500.000	2540.281	9374112.36	1.1131	A	2.8
6	☐	5000.000	5062.337	18090919.45	2.2183	A	6.2
7	☐	10000.000	9958.727	35894599.46	4.3639	A	1.7
8	☐			6135.79	0.0008	P	6.4

$$y = 4.3820\text{E-}004 * x + 6.1513\text{E-}006$$

$$R = 1.0000$$

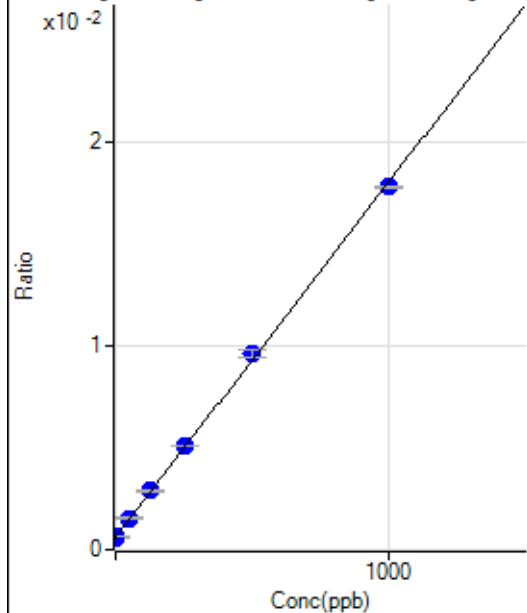
$$DL = 0.01433$$

$$BEC = 0.01404$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4136.18	0.0006	P	3.6
2	☐	1.000	2.174	4434.06	0.0006	P	4.3
3	☐	50.000	54.049	10685.12	0.0015	P	3.3
4	☐	125.000	131.165	19932.64	0.0029	P	1.7
5	☐	250.000	258.107	35175.86	0.0051	P	1.1
6	☐	500.000	519.177	64477.69	0.0096	P	3.7
7	☐	1000.000	987.411	120878.93	0.0178	P	0.6
8	☐			3460.45	0.0006	P	1.6

$$y = 1.7403\text{E-}005 * x + 5.9926\text{E-}004$$

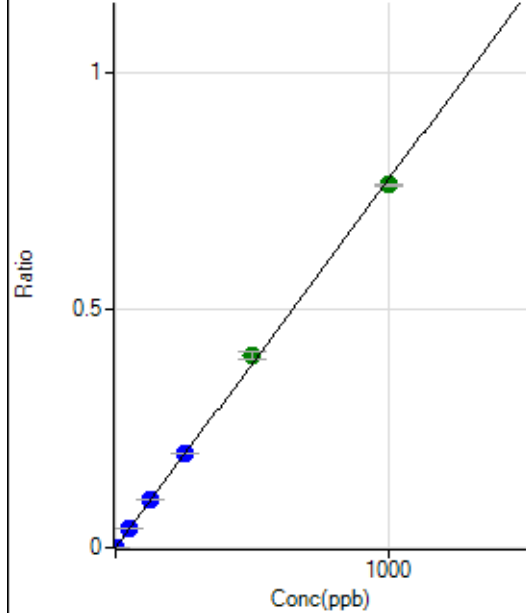
$$R = 0.9997$$

$$DL = 3.724$$

$$BEC = 34.43$$

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	76.67	0.0000	P	13.1
2	☐	1.000	0.935	5108.71	0.0007	P	3.6
3	☐	50.000	54.042	290168.08	0.0418	P	1.4
4	☐	125.000	132.610	709527.86	0.1026	P	0.5
5	☐	250.000	256.442	1370601.86	0.1984	P	0.3
6	☐	500.000	522.535	2704476.77	0.4042	A	4.2
7	☐	1000.000	985.969	5183941.24	0.7627	A	0.8
8	☐			1390.08	0.0002	P	0.8

$$y = 7.7350\text{E-}004 * x + 1.1112\text{E-}005$$

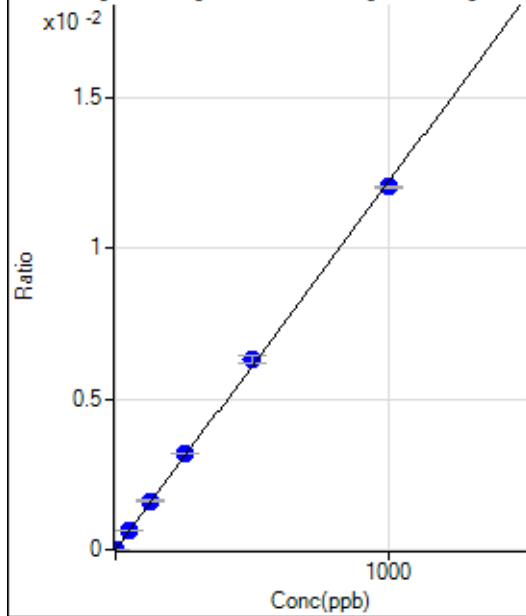
$$R = 0.9996$$

$$DL = 0.00566$$

$$BEC = 0.01437$$

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	4.44	0.0000	P	114.
2	☐	1.000	1.165	103.34	0.0000	P	17.3
3	☐	50.000	53.194	4511.85	0.0007	P	1.9
4	☐	125.000	132.454	11189.96	0.0016	P	2.1
5	☐	250.000	262.162	22121.37	0.0032	P	1.4
6	☐	500.000	517.827	42303.65	0.0063	P	4.9
7	☐	1000.000	986.954	81919.40	0.0121	P	0.6
8	☐			67.78	0.0000	P	10.6

$$y = 1.2211\text{E-}005 * x + 6.4031\text{E-}007$$

$$R = 0.9997$$

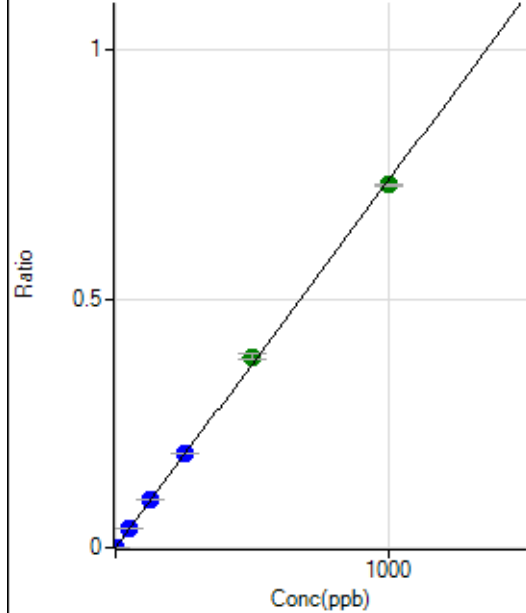
$$DL = 0.1801$$

$$BEC = 0.05244$$

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	41.11	0.0000	P	12.1
2	☐	1.000	0.926	4790.85	0.0007	P	3.9
3	☐	50.000	53.432	273549.48	0.0394	P	1.3
4	☐	125.000	131.275	669751.03	0.0968	P	1.2
5	☐	250.000	256.800	1308798.53	0.1894	P	0.7
6	☐	500.000	518.646	2560767.39	0.3826	A	3.0
7	☐	1000.000	988.021	4953730.27	0.7288	A	0.6
8	☐			1366.75	0.0002	P	2.9

$$y = 7.3762\text{E-}004 * x + 5.9567\text{E-}006$$

$$R = 0.9997$$

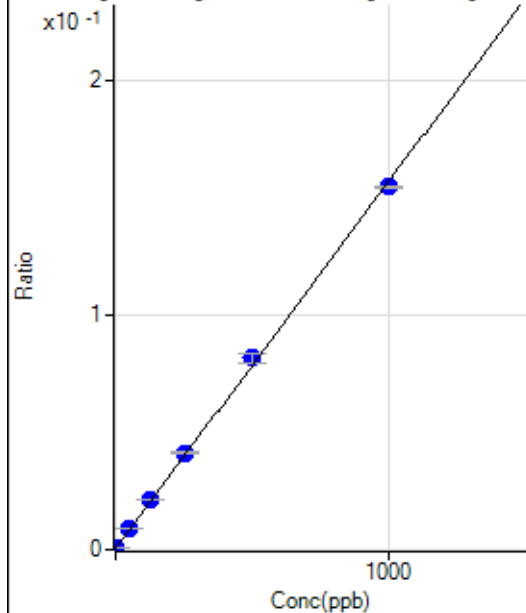
$$DL = 0.002923$$

$$BEC = 0.008076$$

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	2897.77	0.0004	P	3.6
2	☐	1.000	1.121	4143.79	0.0006	P	2.8
3	☐	50.000	54.416	62043.45	0.0089	P	0.8
4	☐	125.000	133.127	147079.13	0.0213	P	0.9
5	☐	250.000	261.690	286003.44	0.0414	P	1.0
6	☐	500.000	519.030	546555.29	0.0817	P	4.4
7	☐	1000.000	986.326	1052587.62	0.1549	P	0.6
8	☐			2953.77	0.0005	P	3.0

$$y = 1.5658\text{E-}004 * x + 4.1984\text{E-}004$$

$$R = 0.9996$$

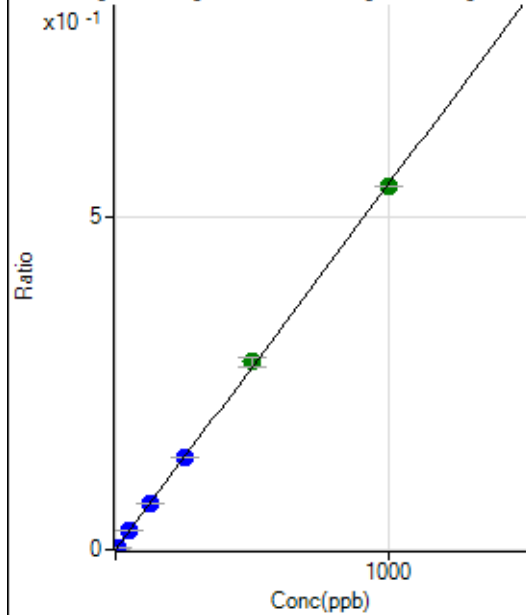
$$DL = 0.289$$

$$BEC = 2.681$$

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	240.00	0.0000	P	5.8
2	☐	5.000	4.702	18258.35	0.0026	P	1.5
3	☐	50.000	51.238	196046.18	0.0283	P	1.3
4	☐	125.000	127.199	484697.63	0.0701	P	0.7
5	☐	250.000	250.647	953906.51	0.1381	P	0.2
6	☐	500.000	513.386	1891294.78	0.2827	A	5.3
7	☐	1000.000	992.810	3716348.14	0.5467	A	0.1
8	☐			2282.43	0.0004	P	2.4

$$y = 5.5067\text{E-}004 * x + 3.4790\text{E-}005$$

$$R = 0.9999$$

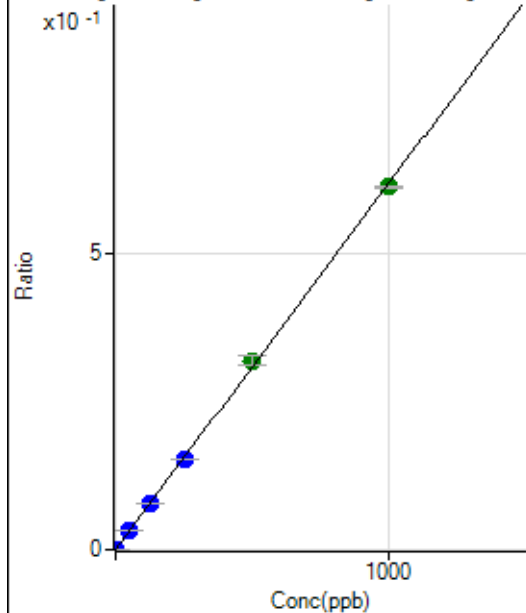
$$DL = 0.01106$$

$$BEC = 0.06318$$

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	20.00	0.0000	P	57.3
2	☐	2.000	1.814	7827.74	0.0011	P	2.3
3	☐	50.000	50.764	217900.39	0.0314	P	1.3
4	☐	125.000	125.921	538660.71	0.0779	P	0.6
5	☐	250.000	248.902	1063628.18	0.1539	P	0.1
6	☐	500.000	516.776	2137938.65	0.3196	A	5.2
7	☐	1000.000	991.733	4169059.45	0.6133	A	0.3
8	☐			2690.28	0.0004	P	12.3

$$y = 6.1846\text{E-}004 * x + 2.8893\text{E-}006$$

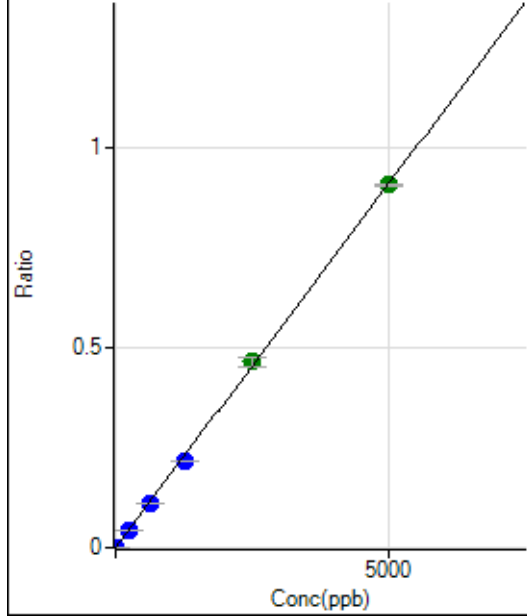
$$R = 0.9998$$

$$DL = 0.008036$$

$$BEC = 0.004672$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	77.3
2	☐	10.000	8.929	11327.94	0.0016	P	4.1
3	☐	250.000	244.780	309202.08	0.0446	P	0.7
4	☐	625.000	605.140	761806.83	0.1101	P	0.2
5	☐	1250.000	1191.806	1498744.86	0.2169	P	0.9
6	☐	2500.000	2559.757	3116527.28	0.4659	A	5.1
7	☐	5000.000	4987.415	6170096.30	0.9077	A	0.3
8	☐			3192.61	0.0005	P	8.6

$$y = 1.8201\text{E-}004 * x + 3.0518\text{E-}006$$

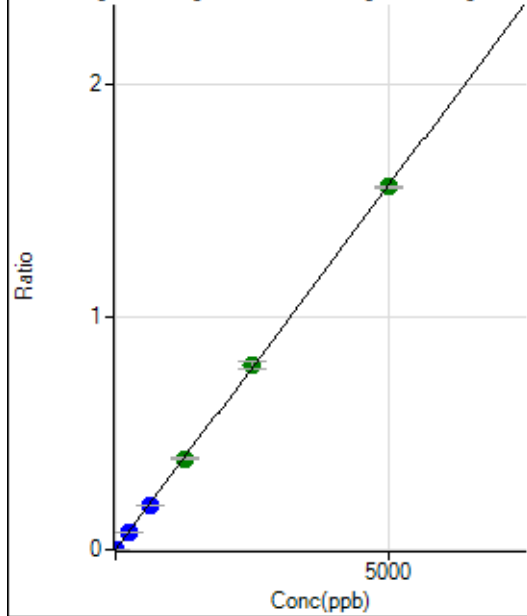
$$R = 0.9998$$

$$DL = 0.03889$$

$$BEC = 0.01677$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.56	0.0000	P	32.2
2	☐	10.000	8.956	19507.91	0.0028	P	0.6
3	☐	250.000	245.850	533116.88	0.0768	P	1.3
4	☐	625.000	606.296	1310324.18	0.1894	P	0.6
5	☐	1250.000	1252.709	2704581.14	0.3914	A	1.2
6	☐	2500.000	2541.677	5313825.23	0.7942	A	4.4
7	☐	5000.000	4981.032	10578732.20	1.5563	A	0.6
8	☐			5518.90	0.0009	P	2.8

$$y = 3.1245\text{E-}004 * x + 5.1434\text{E-}006$$

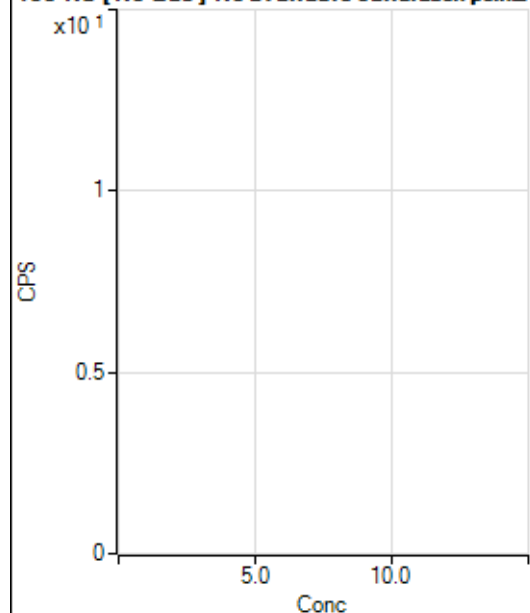
$$R = 0.9999$$

$$DL = 0.01592$$

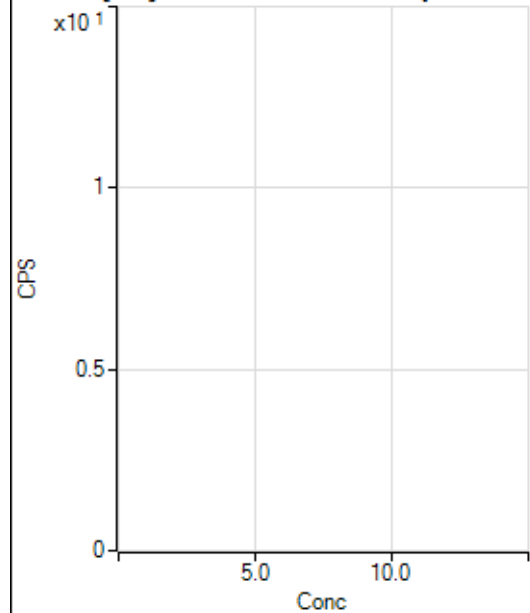
$$BEC = 0.01646$$

Weight: <None>

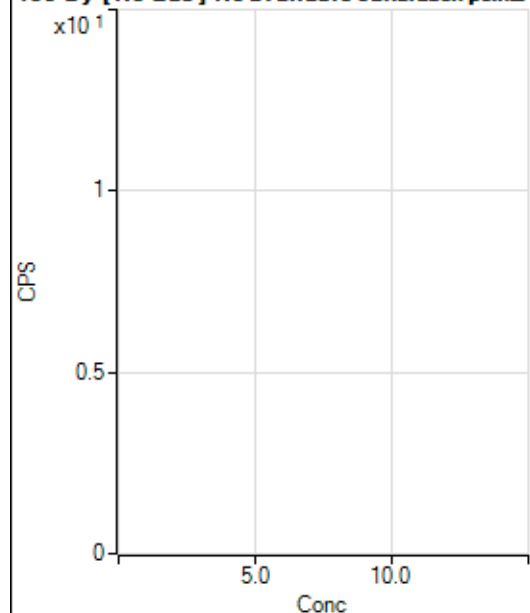
Min Conc: 0

150 Nd [No Gas] No available calibration points

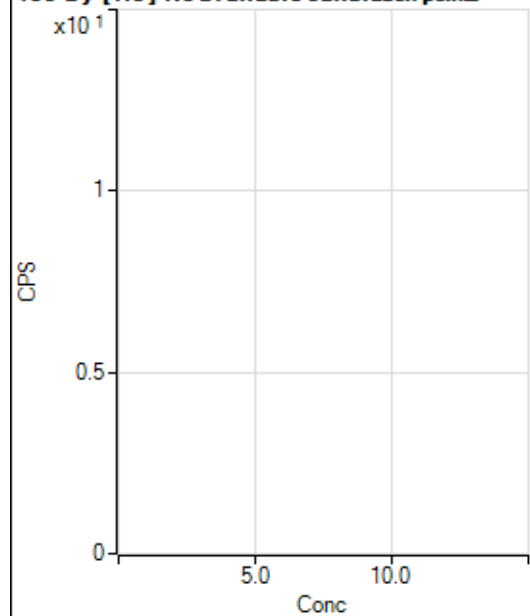
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			11.11		P	45.8
3	☐			48.89		P	10.4
4	☐			105.56		P	11.1
5	☐			230.01		P	15.3
6	☐			424.46		P	18.6
7	☐			833.37		P	7.0
8	☐			185.56		P	13.7

150 Nd [He] No available calibration points

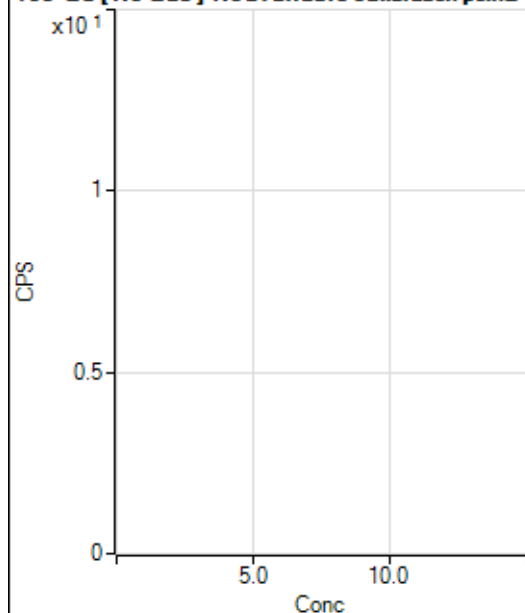
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			11.11		P	45.8
4	☐			16.66		P	34.6
5	☐			47.78		P	35.1
6	☐			74.44		P	17.0
7	☐			173.34		P	23.3
8	☐			88.89		P	30.3

156 Dy [No Gas] No available calibration points

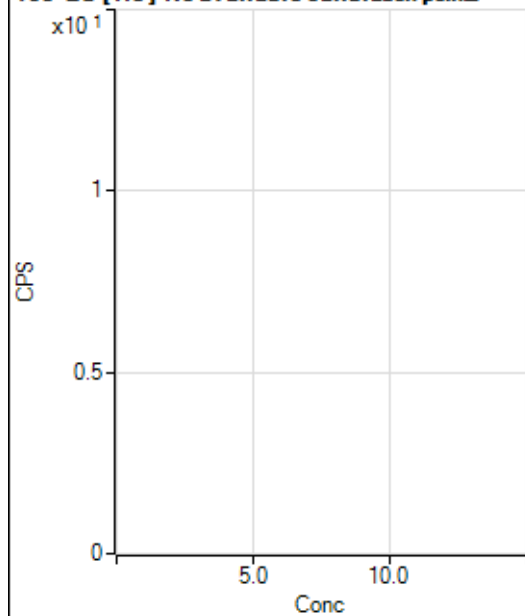
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			5.56		P	91.6
3	☐			27.78		P	38.6
4	☐			51.11		P	18.8
5	☐			86.67		P	15.4
6	☐			200.00		P	8.7
7	☐			371.12		P	13.5
8	☐			972.27		P	6.9

156 Dy [He] No available calibration points

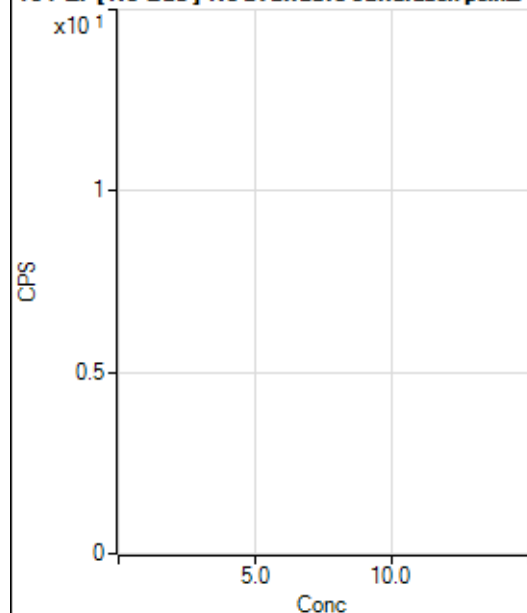
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			10.00		P	33.3
3	☐			15.56		P	96.6
4	☐			51.11		P	16.4
5	☐			85.56		P	34.9
6	☐			166.67		P	22.3
7	☐			307.78		P	11.1
8	☐			616.69		P	2.7

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

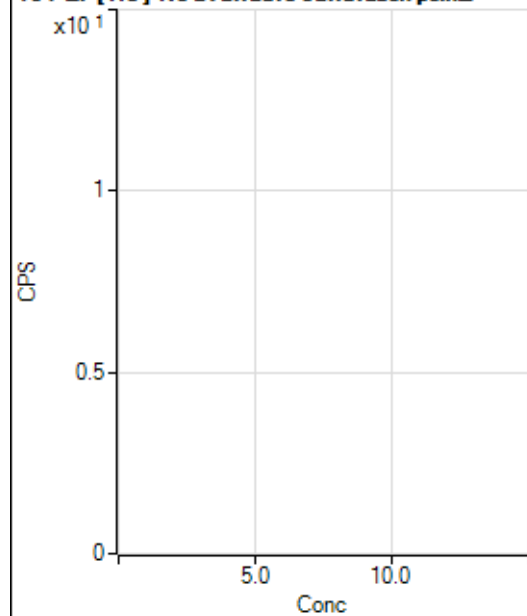
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.55		P	10.8
2	☐			31.11		P	16.4
3	☐			35.56		P	56.5
4	☐			60.00		P	20.0
5	☐			107.78		P	33.1
6	☐			166.67		P	19.1
7	☐			283.34		P	15.4
8	☐			1090.05		P	6.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			180.00		P	9.8
2	☐			152.22		P	2.5
3	☐			150.00		P	11.8
4	☐			160.00		P	2.1
5	☐			194.45		P	30.7
6	☐			237.78		P	13.6
7	☐			281.12		P	7.7
8	☐			833.37		P	3.0

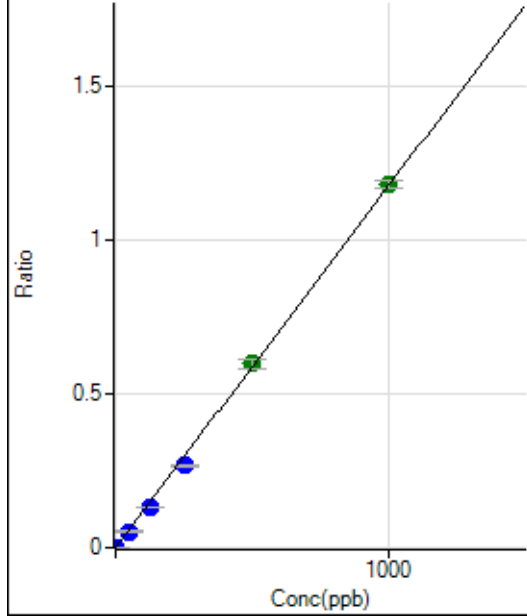
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.55		P	8.5
2	☐			55.56		P	15.1
3	☐			76.66		P	19.9
4	☐			61.11		P	26.9
5	☐			64.44		P	13.0
6	☐			84.44		P	6.0
7	☐			97.78		P	24.7
8	☐			142.22		P	24.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	33.3
2	☐			32.22		P	36.3
3	☐			27.78		P	30.2
4	☐			24.44		P	20.8
5	☐			36.67		P	36.4
6	☐			42.22		P	27.7
7	☐			62.22		P	22.3
8	☐			102.22		P	15.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	65.55	0.0000	P	16.7
2	☐	1.000	0.832	3696.10	0.0010	P	6.6
3	☐	50.000	45.155	196999.12	0.0531	P	1.1
4	☐	125.000	112.715	490534.00	0.1325	P	0.8
5	☐	250.000	227.813	983131.44	0.2678	P	1.7
6	☐	500.000	508.370	2120630.70	0.5975	A	4.5
7	☐	1000.000	1003.140	4165439.76	1.1791	A	2.0
8	☐			861.15	0.0003	P	10.4

$$y = 0.0012 * x + 1.7694E-005$$

$$R = 0.9997$$

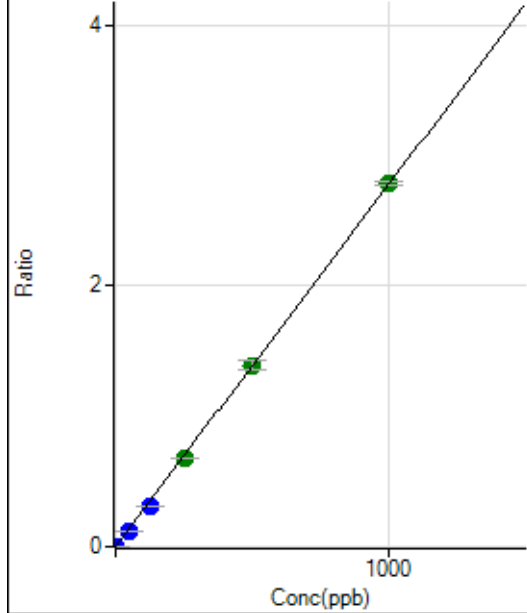
$$DL = 0.007533$$

$$BEC = 0.01505$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	128.89	0.0000	P	8.2
2	☐	1.000	0.812	8496.05	0.0023	P	1.6
3	☐	50.000	44.790	461492.41	0.1244	P	1.4
4	☐	125.000	112.152	1152772.15	0.3114	P	1.0
5	☐	250.000	244.964	2497209.63	0.6801	A	1.0
6	☐	500.000	500.521	4930473.96	1.3896	A	5.1
7	☐	1000.000	1002.865	9836640.20	2.7842	A	1.0
8	☐			2020.17	0.0007	P	8.2

$$y = 0.0028 * x + 3.4779E-005$$

$$R = 0.9999$$

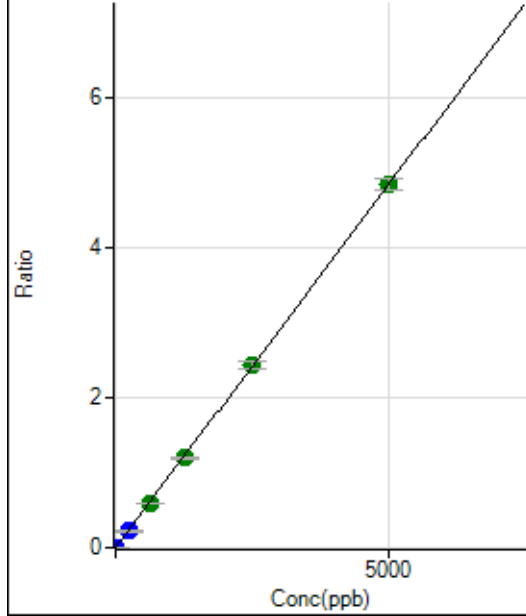
$$DL = 0.00307$$

$$BEC = 0.01253$$

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	158.89	0.0000	P	13.5
2	☐	1.000	0.786	2985.91	0.0008	P	3.7
3	☐	250.000	225.574	810629.86	0.2185	P	1.7
4	☐	625.000	610.000	2186990.70	0.5907	A	0.8
5	☐	1250.000	1234.040	4387428.03	1.1950	A	1.6
6	☐	2500.000	2517.672	8651610.98	2.4381	A	4.8
7	☐	5000.000	4998.250	17096455.58	4.8402	A	3.3
8	☐			6598.33	0.0023	P	3.6

$$y = 9.6837\text{E-}004 * x + 4.2852\text{E-}005$$

$$R = 1.0000$$

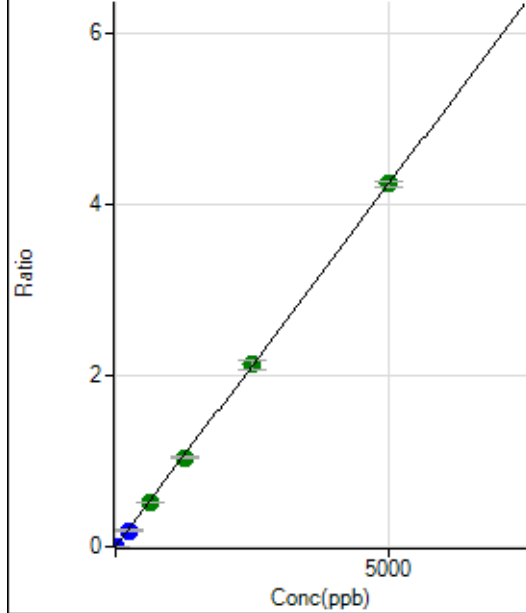
$$DL = 0.01794$$

$$BEC = 0.04425$$

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	131.11	0.0000	P	30.7
2	☐	1.000	0.824	2718.08	0.0007	P	6.1
3	☐	250.000	225.349	707602.67	0.1907	P	1.3
4	☐	625.000	611.718	1916277.30	0.5176	A	0.7
5	☐	1250.000	1229.217	3818535.64	1.0401	A	2.1
6	☐	2500.000	2506.834	7527632.87	2.1211	A	4.4
7	☐	5000.000	5004.672	14959959.36	4.2346	A	1.6
8	☐			5700.14	0.0020	P	6.1

$$y = 8.4612\text{E-}004 * x + 3.5344\text{E-}005$$

$$R = 1.0000$$

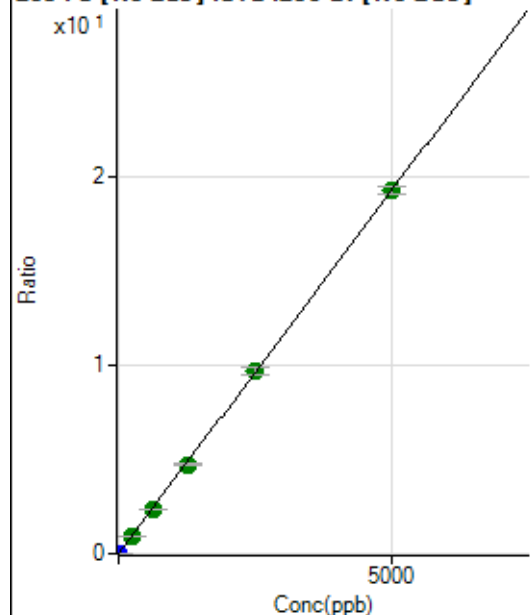
$$DL = 0.03846$$

$$BEC = 0.04177$$

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	612.24	0.0002	P	14.7
2	☐	1.000	0.805	12138.91	0.0033	P	4.4
3	☐	250.000	234.057	3352605.74	0.9036	A	1.4
4	☐	625.000	610.185	8719757.78	2.3553	A	0.3
5	☐	1250.000	1230.303	17435231.93	4.7489	A	1.5
6	☐	2500.000	2517.683	34484531.92	9.7179	A	4.8
7	☐	5000.000	4998.732	68160829.12	19.2942	A	2.0
8	☐			25927.61	0.0090	P	4.3

$$y = 0.0039 * x + 1.6511E-004$$

$$R = 1.0000$$

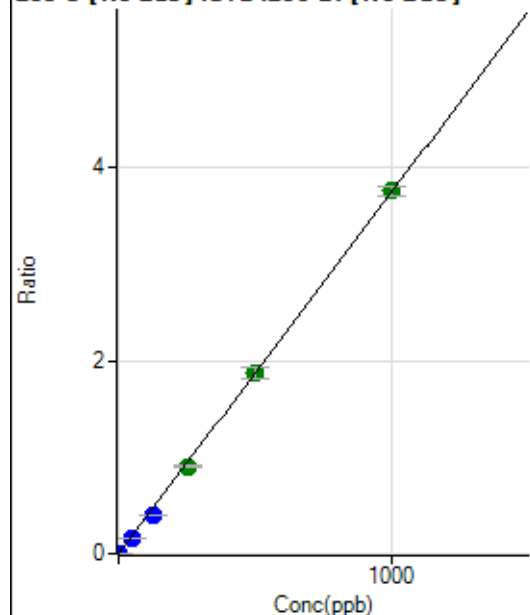
$$DL = 0.01886$$

$$BEC = 0.04278$$

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	11.11	0.0000	P	16.9
2	☐	1.000	0.769	10709.94	0.0029	P	4.4
3	☐	50.000	42.880	596617.24	0.1608	P	1.5
4	☐	125.000	108.302	1503451.17	0.4061	P	1.2
5	☐	250.000	241.720	3327590.61	0.9064	A	2.2
6	☐	500.000	501.724	6673636.29	1.8814	A	6.0
7	☐	1000.000	1003.651	13294922.72	3.7635	A	2.3
8	☐			3610.52	0.0013	P	8.4

$$y = 0.0037 * x + 2.9961E-006$$

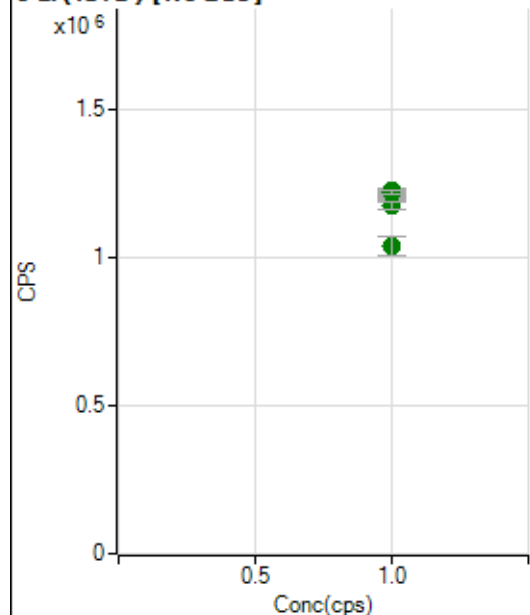
$$R = 0.9999$$

$$DL = 0.0004042$$

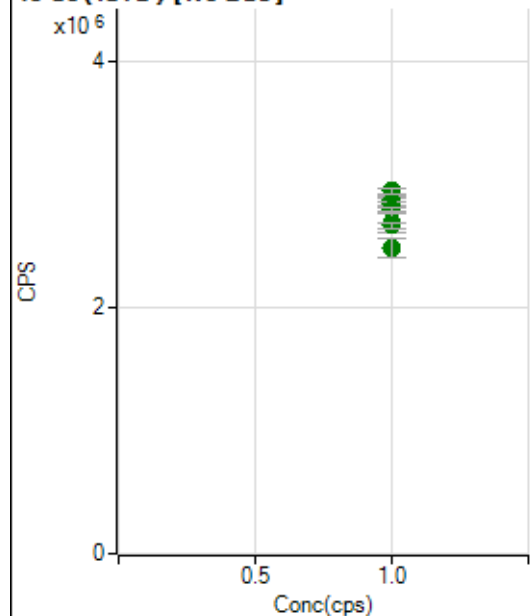
$$BEC = 0.000799$$

Weight: <None>

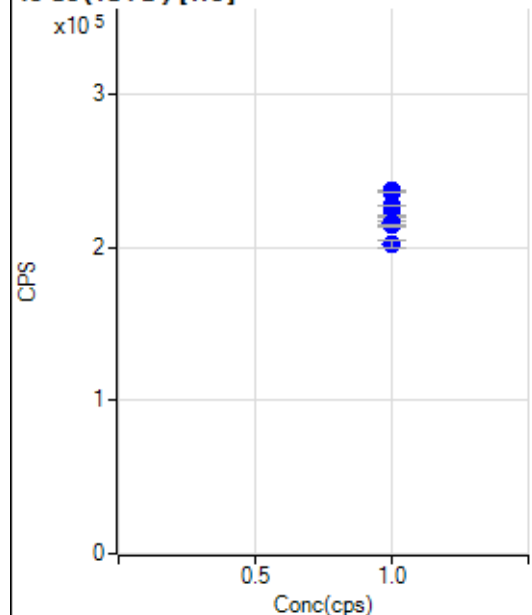
Min Conc: 0

6 Li (ISTD) [No Gas]

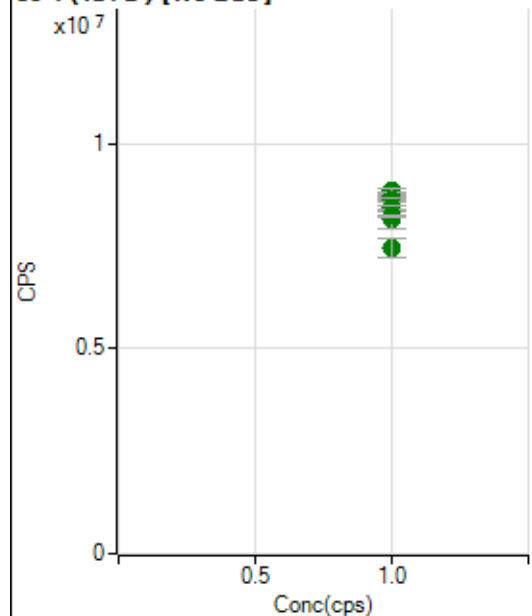
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1197146.85		A	0.6
2	☐	1.000		1201019.89		A	1.2
3	☐	1.000		1225317.31		A	0.3
4	☐	1.000		1216867.97		A	2.4
5	☐	1.000		1221732.76		A	1.3
6	☐	1.000		1178214.88		A	2.8
7	☐	1.000		1178023.23		A	2.2
8	☐	1.000		1039287.85		A	6.2

45 Sc (ISTD) [No Gas]

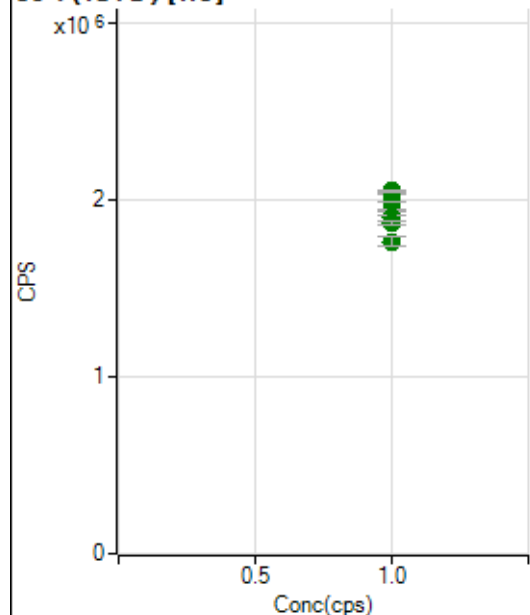
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2874518.98		A	1.3
2	☐	1.000		2909661.38		A	0.7
3	☐	1.000		2944672.98		A	1.9
4	☐	1.000		2841959.75		A	1.0
5	☐	1.000		2795036.14		A	1.1
6	☐	1.000		2682573.87		A	6.2
7	☐	1.000		2661291.26		A	1.3
8	☐	1.000		2484873.66		A	6.0

45 Sc (ISTD) [He]

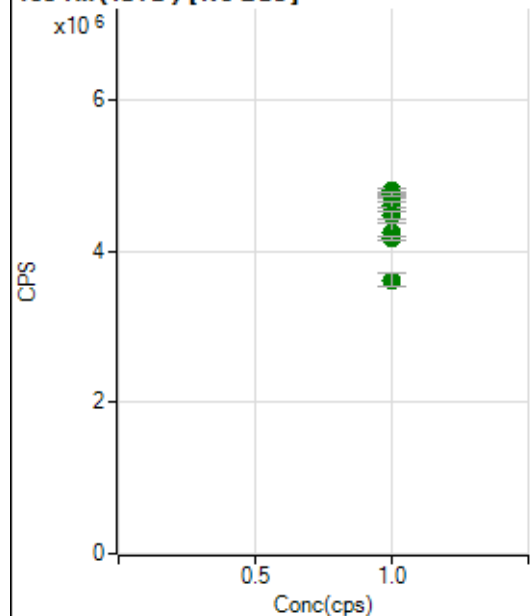
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		236305.45		P	0.4
2	☐	1.000		236917.16		P	0.5
3	☐	1.000		236198.40		P	0.2
4	☐	1.000		227706.36		P	0.2
5	☐	1.000		220501.69		P	0.6
6	☐	1.000		215600.60		P	1.9
7	☐	1.000		214162.41		P	0.7
8	☐	1.000		202125.35		P	2.7

89 Y (ISTD) [No Gas]

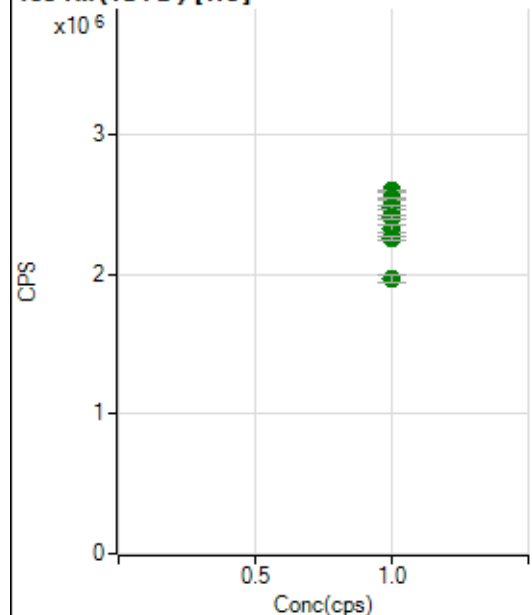
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8650792.02		A	1.0
2	☐	1.000		8714934.94		A	1.0
3	☐	1.000		8842351.40		A	1.2
4	☐	1.000		8627936.67		A	1.1
5	☐	1.000		8424058.28		A	1.8
6	☐	1.000		8174572.59		A	5.7
7	☐	1.000		8225923.83		A	0.6
8	☐	1.000		7441129.26		A	6.4

89 Y(ISTD) [He]

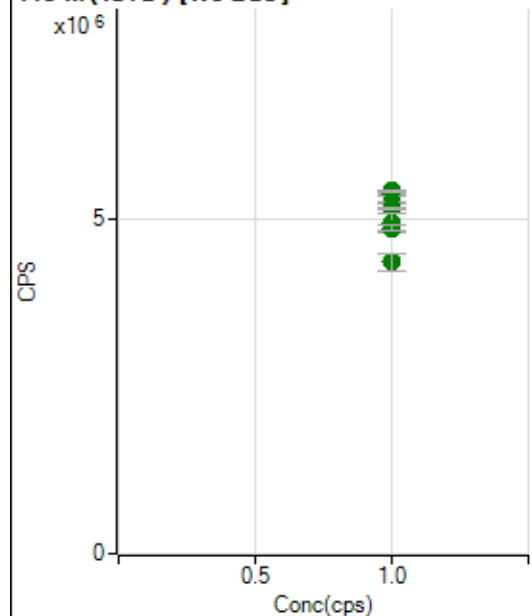
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2036038.58		A	1.0
2	☐	1.000		2047505.49		A	0.1
3	☐	1.000		2044602.26		A	0.5
4	☐	1.000		1985294.42		A	0.5
5	☐	1.000		1936922.44		A	0.4
6	☐	1.000		1894134.10		A	1.4
7	☐	1.000		1867642.70		A	1.1
8	☐	1.000		1761852.13		A	3.1

103 Rh(ISTD) [No Gas]

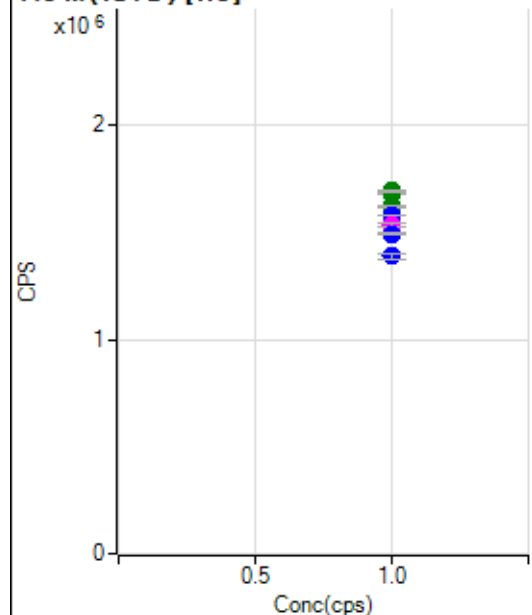
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4721072.88		A	0.7
2	☐	1.000		4804142.60		A	1.3
3	☐	1.000		4768561.35		A	0.9
4	☐	1.000		4620955.18		A	1.2
5	☐	1.000		4483613.02		A	2.1
6	☐	1.000		4258411.22		A	5.5
7	☐	1.000		4170370.42		A	1.5
8	☐	1.000		3622369.91		A	4.9

103 Rh (ISTD) [He]

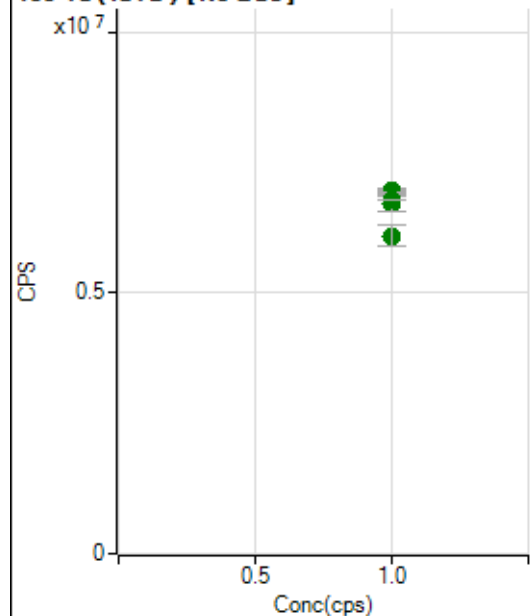
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2589337.84		A	0.3
2	☐	1.000		2598595.74		A	0.7
3	☐	1.000		2545282.36		A	0.7
4	☐	1.000		2478816.06		A	0.9
5	☐	1.000		2414525.31		A	1.1
6	☐	1.000		2325605.15		A	2.3
7	☐	1.000		2259234.70		A	0.9
8	☐	1.000		1969968.70		A	2.6

115 In (ISTD) [No Gas]

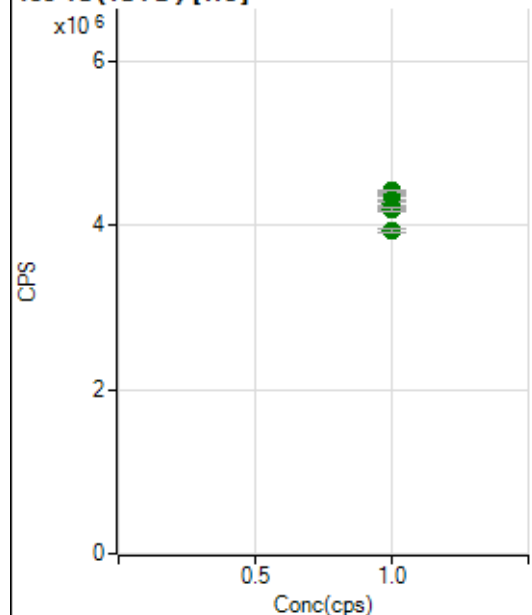
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5390770.53		A	0.5
2	☐	1.000		5379280.74		A	1.9
3	☐	1.000		5416859.66		A	0.4
4	☐	1.000		5237341.76		A	0.7
5	☐	1.000		5164650.41		A	0.5
6	☐	1.000		4944780.81		A	5.6
7	☐	1.000		4860251.32		A	1.7
8	☐	1.000		4350012.37		A	5.9

115 In (ISTD) [He]

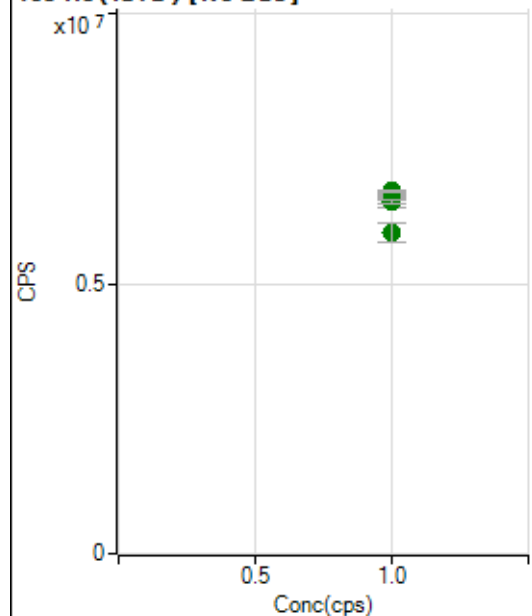
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1677562.62		A	0.2
2	☐	1.000		1687089.39		A	1.1
3	☐	1.000		1694996.30		A	0.6
4	☐	1.000		1624227.18		A	0.7
5	☐	1.000		1581277.08		P	0.3
6	☐	1.000		1539081.35		M	1.2
7	☐	1.000		1492891.01		P	0.4
8	☐	1.000		1388226.55		P	2.4

159 Tb (ISTD) [No Gas]

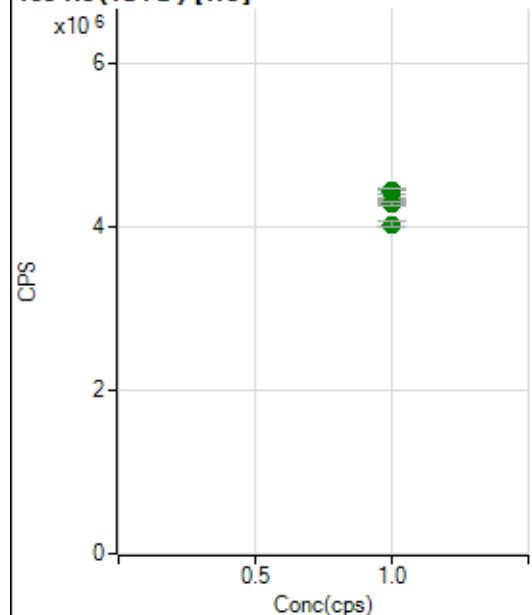
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6900735.11		A	0.9
2	☐	1.000		6958943.93		A	1.4
3	☐	1.000		6940110.52		A	0.8
4	☐	1.000		6916564.20		A	0.8
5	☐	1.000		6909491.56		A	0.8
6	☐	1.000		6699652.19		A	4.5
7	☐	1.000		6797198.86		A	0.2
8	☐	1.000		6090858.10		A	6.6

159 Tb (ISTD) [He]

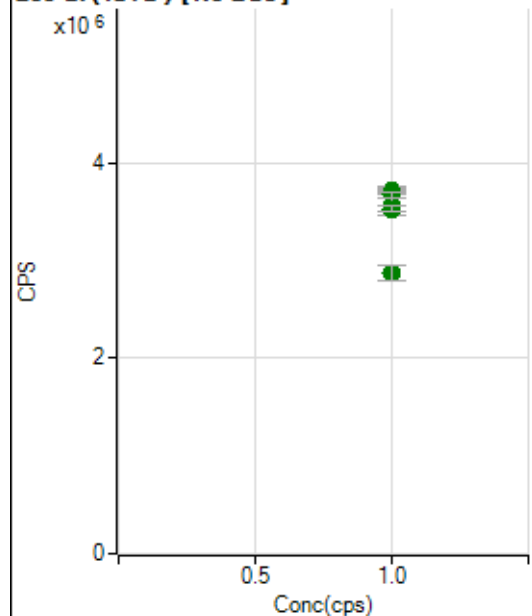
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4317652.12		A	1.2
2	☐	1.000		4373482.47		A	0.6
3	☐	1.000		4416031.05		A	0.5
4	☐	1.000		4309759.59		A	0.1
5	☐	1.000		4265389.52		A	0.9
6	☐	1.000		4218922.75		A	0.9
7	☐	1.000		4188510.22		A	1.0
8	☐	1.000		3933092.93		A	1.3

165 Ho (ISTD) [No Gas]

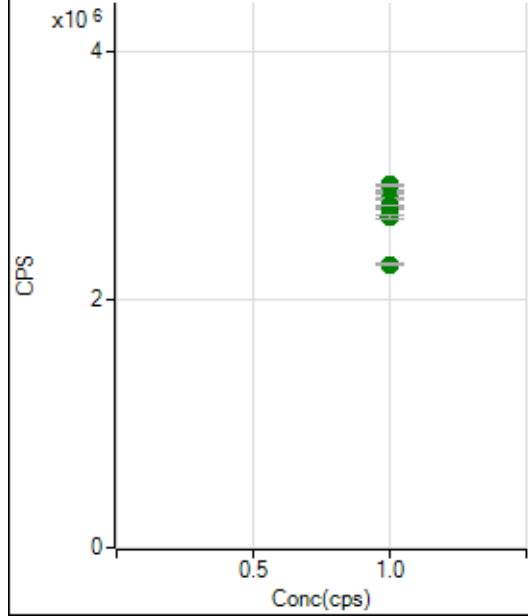
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6577656.22		A	0.7
2	☐	1.000		6651550.87		A	1.1
3	☐	1.000		6695624.42		A	1.3
4	☐	1.000		6704806.50		A	0.5
5	☐	1.000		6717953.51		A	0.8
6	☐	1.000		6547682.82		A	4.5
7	☐	1.000		6524356.22		A	1.2
8	☐	1.000		5951462.07		A	6.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4407575.25		A	1.1
2	☐	1.000		4416604.69		A	0.7
3	☐	1.000		4432643.03		A	1.5
4	☐	1.000		4309699.45		A	1.1
5	☐	1.000		4345328.17		A	0.4
6	☐	1.000		4310824.10		A	1.2
7	☐	1.000		4276853.90		A	1.1
8	☐	1.000		4020786.95		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3706478.42		A	0.4
2	☐	1.000		3714137.20		A	2.2
3	☐	1.000		3710793.38		A	1.2
4	☐	1.000		3702156.47		A	0.5
5	☐	1.000		3671979.08		A	1.6
6	☐	1.000		3553773.80		A	4.6
7	☐	1.000		3533412.72		A	1.6
8	☐	1.000		2878812.91		A	5.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2854386.59		A	0.4
2	☐	1.000		2907887.32		A	1.4
3	☐	1.000		2923170.23		A	0.5
4	☐	1.000		2811284.92		A	0.2
5	☐	1.000		2740526.89		A	0.6
6	☐	1.000		2756715.90		A	0.4
7	☐	1.000		2664765.90		A	0.9
8	☐	1.000		2285272.16		A	1.2