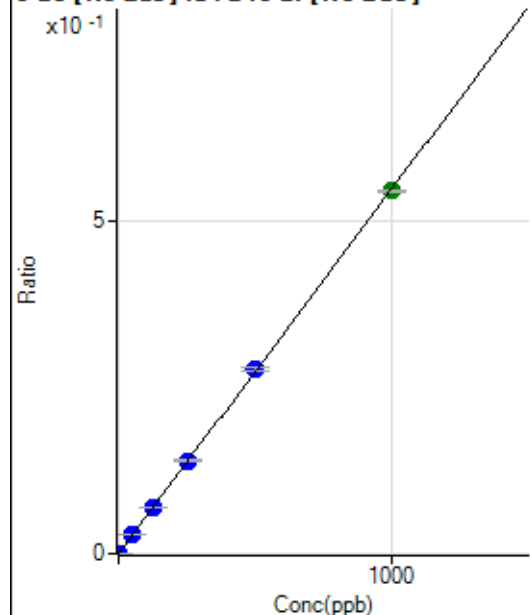


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8051923 MS.b\
 Analysis File: P8051923 MS.batch.bin
 DA Date-Time: 2023-06-02 14:24:59
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-05-19 12:12:54
2	005CALS.d	S02	2023-05-19 12:15:57
3	006CALS.d	S03	2023-05-19 12:19:02
4	007CALS.d	S04	2023-05-19 12:22:03
5	008CALS.d	S05	2023-05-19 12:25:04
6	009CALS.d	S06	2023-05-19 12:28:04
7	010CALS.d	S07	2023-05-19 12:31:05
8	011CALS.d	S08	2023-05-19 12:34:04

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.49	0.0000	P	20.2
2	☐	1.000	1.110	1425.32	0.0006	P	1.4
3	☐	50.000	52.197	64411.63	0.0286	P	3.3
4	☐	125.000	126.391	156993.27	0.0691	P	1.1
5	☐	250.000	254.265	312030.24	0.1390	P	1.8
6	☐	500.000	505.772	610488.54	0.2765	P	1.5
7	☐	1000.000	995.764	1212571.68	0.5444	A	0.2
8	☐			911.17	0.0004	P	8.2

$$y = 5.4668\text{E-}004 * x + 2.7763\text{E-}005$$

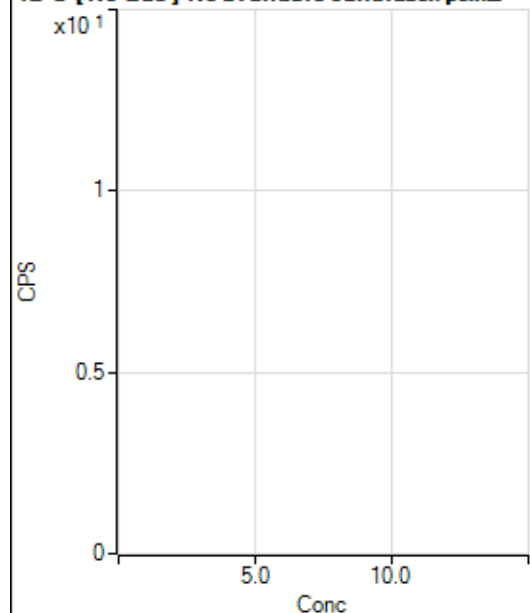
$$R = 1.0000$$

$$DL = 0.03082$$

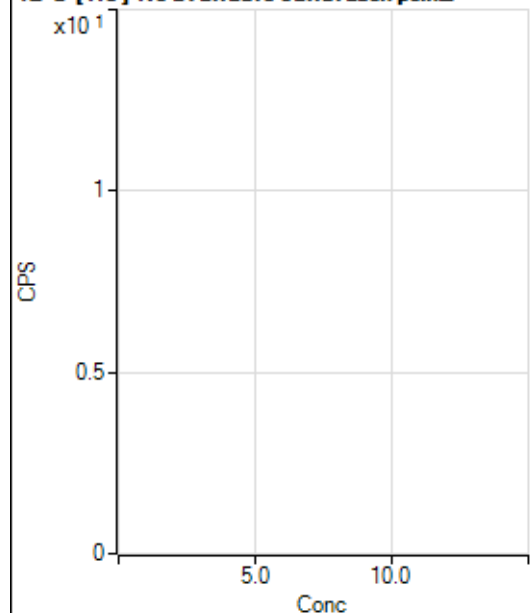
$$BEC = 0.05078$$

Weight: <None>

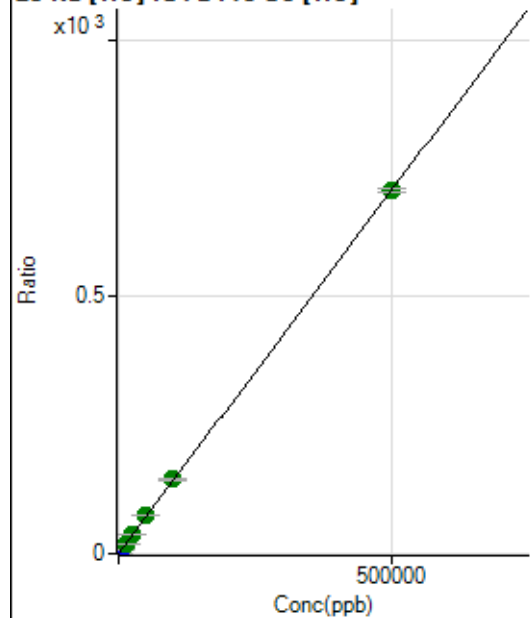
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2884846.33		A	1.0
2	☐			2883197.78		A	0.6
3	☐			3042678.46		A	1.2
4	☐			3195662.55		A	1.9
5	☐			3427467.70		A	3.7
6	☐			3196814.87		A	1.6
7	☐			3685576.56		A	3.2
8	☐			3387769.74		A	4.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35343.22		P	3.0
2	☐			34958.77		P	0.3
3	☐			39250.25		P	1.5
4	☐			41088.63		P	1.1
5	☐			46005.94		P	0.5
6	☐			42013.38		P	1.7
7	☐			51326.36		P	2.5
8	☐			49277.77		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23221.85	0.2060	P	7.1
2	☐	500.000	493.726	107813.56	0.9042	P	0.8
3	☐	5000.000	5144.926	907846.07	7.4813	P	1.7
4	☐	12500.000	13229.848	2248701.92	18.9140	A	0.8
5	☐	25000.000	25760.338	4342360.47	36.6330	A	1.9
6	☐	50000.000	51655.441	8612033.70	73.2505	A	0.6
7	☐	100000.00	102181.44	17208352.29	144.6979	A	1.6
8	☐	500000.00	499340.46	83336601.86	706.3093	A	1.1

$$y = 0.0014 * x + 0.2060$$

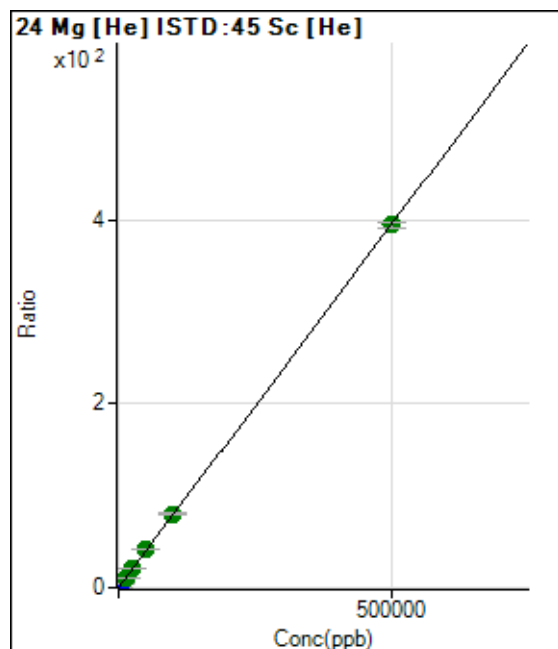
$$R = 1.0000$$

$$DL = 31.15$$

$$BEC = 145.7$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	508.36	0.0045	P	6.0
2	☐	500.000	506.459	48250.08	0.4046	P	2.5
3	☐	5000.000	5286.295	507410.24	4.1813	P	1.4
4	☐	12500.000	13563.507	1274508.18	10.7212	A	1.0
5	☐	25000.000	26337.059	2467348.41	20.8137	A	1.6
6	☐	50000.000	52289.377	4857895.20	41.3190	A	1.1
7	☐	100000.00	101378.13	9526809.33	80.1047	A	1.4
8	☐	500000.00	499399.12	46557138.89	394.5863	A	1.3

$$y = 7.9011\text{E-}004 * x + 0.0045$$

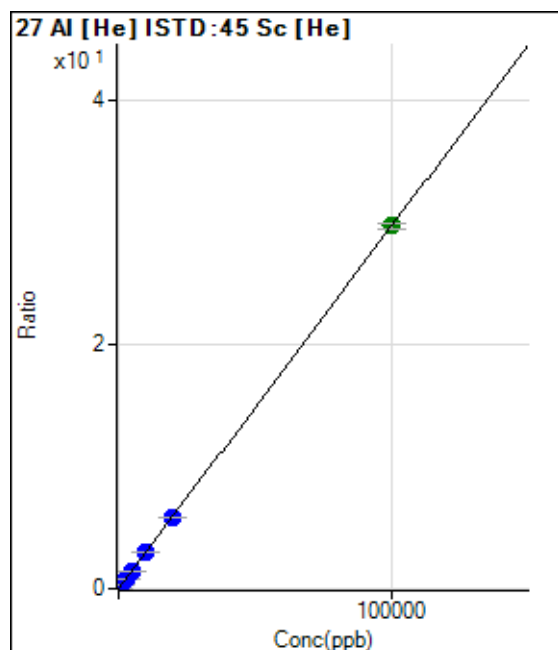
$$R = 1.0000$$

$$DL = 1.017$$

$$BEC = 5.671$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.92	0.0002	P	19.1
2	☐	20.000	20.309	749.51	0.0063	P	7.6
3	☐	1000.000	1035.246	37404.33	0.3082	P	1.8
4	☐	2500.000	2506.522	88681.97	0.7460	P	0.6
5	☐	5000.000	4919.865	173548.58	1.4639	P	0.7
6	☐	10000.000	10017.766	350415.74	2.9806	P	0.7
7	☐	20000.000	19719.371	697782.30	5.8669	P	0.8
8	☐	100000.00	100057.84	3512219.96	29.7682	A	1.4

$$y = 2.9751\text{E-}004 * x + 2.4454\text{E-}004$$

$$R = 1.0000$$

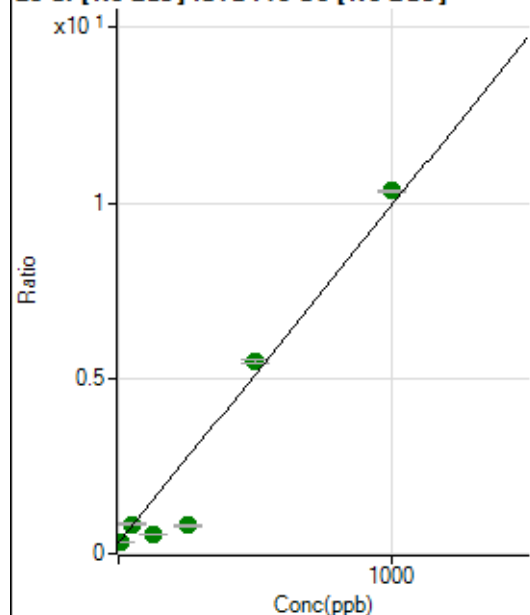
$$DL = 0.472$$

$$BEC = 0.822$$

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	1048930.40	0.3076	A	3.9
2	☐	10.000	0.285	1067398.62	0.3104	A	1.3
3	☐	50.000	55.870	2875224.35	0.8448	A	3.6
4	☐	125.000	25.309	1883450.76	0.5510	A	6.3
5	☐	250.000	51.387	2792480.25	0.8017	A	10.0
6	☐	500.000	536.913	18990915.18	5.4698	A	2.2
7	☐	1000.000	1043.462	36239791.09	10.3400	A	0.5
8	☐			2554217.52	0.7521	A	8.8

$$y = 0.0096 * x + 0.3076$$

$$R = 0.9785$$

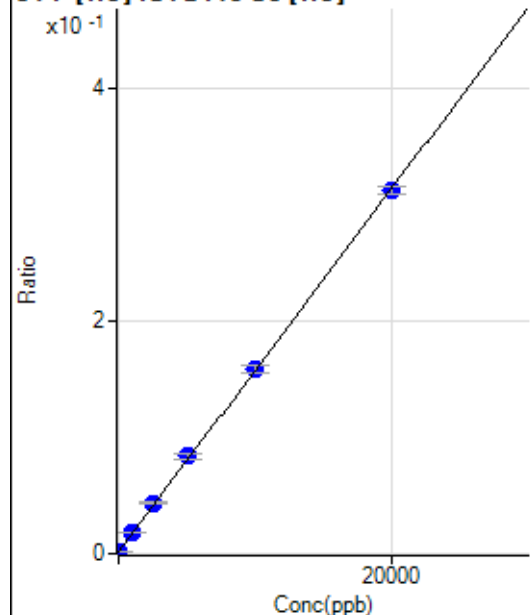
$$DL = 3.772$$

$$BEC = 32$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-8.371	166.67	0.0015	P	22.6
2	☐	0.000	8.371	205.56	0.0017	P	2.0
3	☐	1000.000	1030.772	2147.45	0.0177	P	3.3
4	☐	2500.000	2685.637	5176.05	0.0436	P	5.4
5	☐	5000.000	5247.502	9903.66	0.0836	P	6.0
6	☐	10000.000	10061.233	18665.22	0.1588	P	4.6
7	☐	20000.000	19882.765	37131.42	0.3122	P	2.1
8	☐			216.67	0.0018	P	0.3

$$y = 1.5623E-005 * x + 0.0016$$

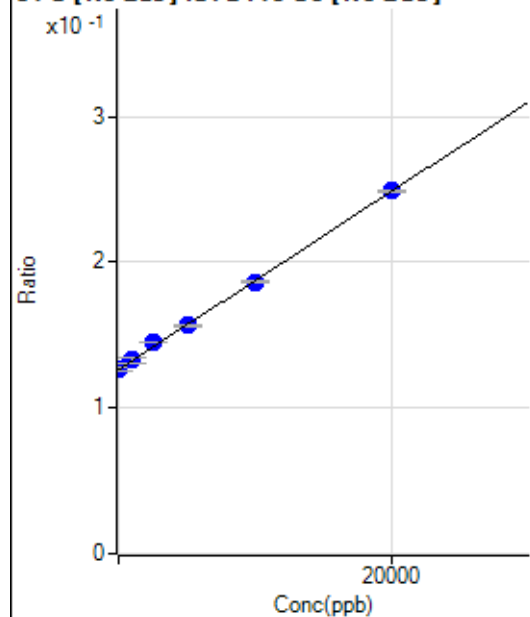
$$R = 0.9999$$

$$DL = 35.06$$

$$BEC = 102$$

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	31.154	431791.64	0.1266	P	2.7
2	☐	0.000	-31.154	434048.49	0.1262	P	1.9
3	☐	1000.000	1086.143	452908.93	0.1331	P	3.2
4	☐	2500.000	3024.690	495382.91	0.1449	P	0.4
5	☐	5000.000	4991.683	546841.18	0.1570	P	0.8
6	☐	10000.000	9811.893	647477.65	0.1865	P	1.0
7	☐	20000.000	20026.240	872754.98	0.2490	P	0.5
8	☐			400205.17	0.1179	P	1.0

$$y = 6.1227E-006 * x + 0.1264$$

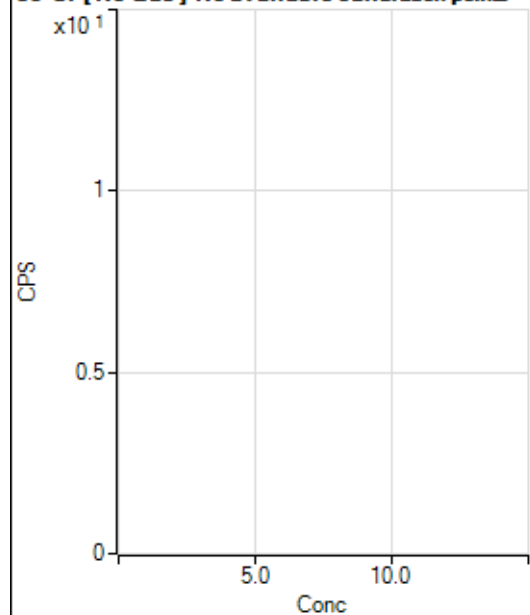
$$R = 0.9996$$

$$DL = 1420$$

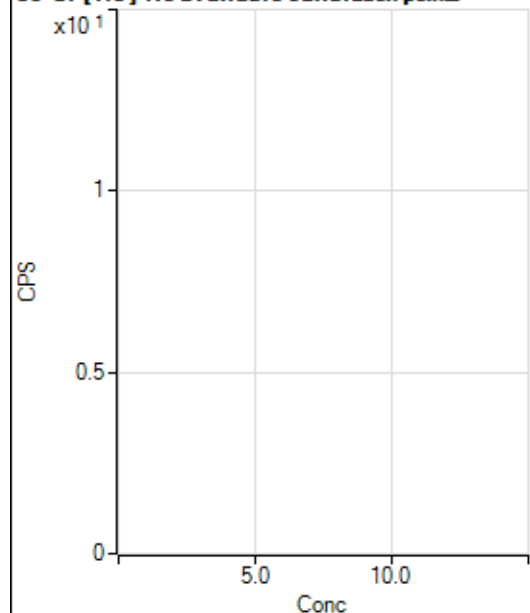
$$BEC = 2.065E+04$$

Weight: <None>

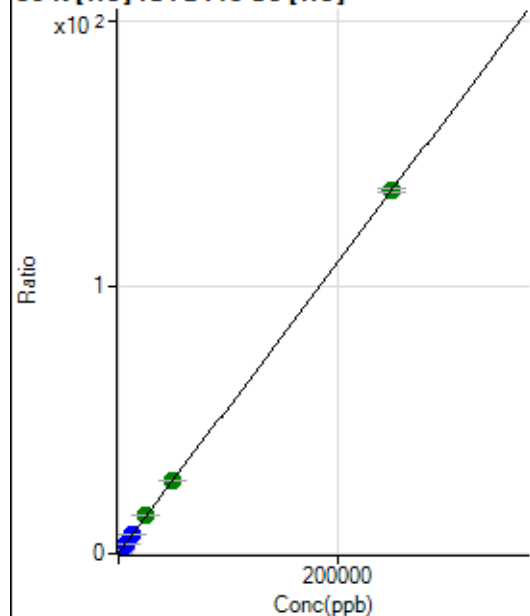
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			159153.96		P	1.3
2	☐			161676.40		P	0.7
3	☐			181406.03		P	0.9
4	☐			175296.11		P	0.3
5	☐			175090.28		P	1.5
6	☐			171614.02		P	1.3
7	☐			176997.79		P	0.6
8	☐			174138.03		P	0.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			966.73		P	14.1
2	☐			1044.51		P	4.4
3	☐			1244.53		P	2.5
4	☐			1258.42		P	3.7
5	☐			1111.19		P	14.3
6	☐			1072.29		P	13.2
7	☐			1205.65		P	8.3
8	☐			1277.87		P	7.7

39 K [He] ISTD : 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30351.96	0.2693	P	7.3
2	☐	500.000	465.062	62232.14	0.5219	P	1.1
3	☐	2500.000	2510.107	198158.44	1.6328	P	0.1
4	☐	6250.000	6296.426	438616.50	3.6896	P	1.4
5	☐	12500.000	12426.288	832091.81	7.0195	P	1.6
6	☐	25000.000	25757.650	1676611.24	14.2614	A	1.5
7	☐	50000.000	50177.772	3274156.35	27.5270	A	0.3
8	☐	250000.00	249891.17	16047866.33	136.0161	A	1.0

$$y = 5.4322\text{E-}004 * x + 0.2693$$

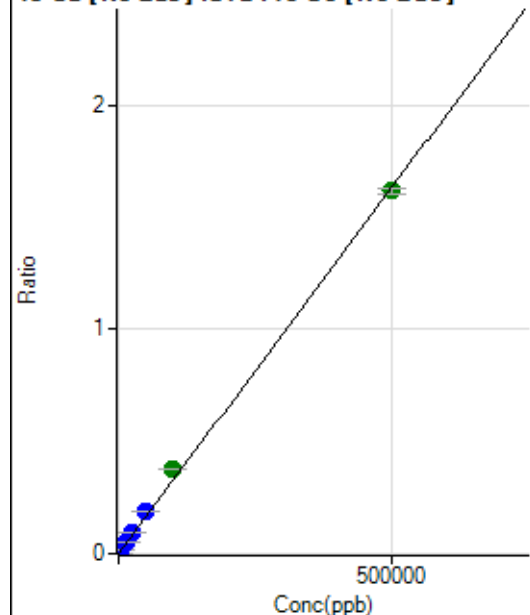
$$R = 1.0000$$

$$DL = 107.8$$

$$BEC = 495.7$$

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	108.32	0.0000	P	10.5
2	☐	500.000	518.943	5934.67	0.0017	P	2.4
3	☐	5000.000	5871.901	65351.30	0.0192	P	3.3
4	☐	12500.000	14547.524	162428.13	0.0475	P	1.0
5	☐	25000.000	28329.112	322255.71	0.0925	P	1.3
6	☐	50000.000	56687.319	642613.67	0.1851	P	0.1
7	☐	100000.00	115644.03	1323112.00	0.3775	A	1.2
8	☐	500000.00	495976.08	5495855.94	1.6190	A	1.4

$$y = 3.2643\text{E-}006 * x + 3.1737\text{E-}005$$

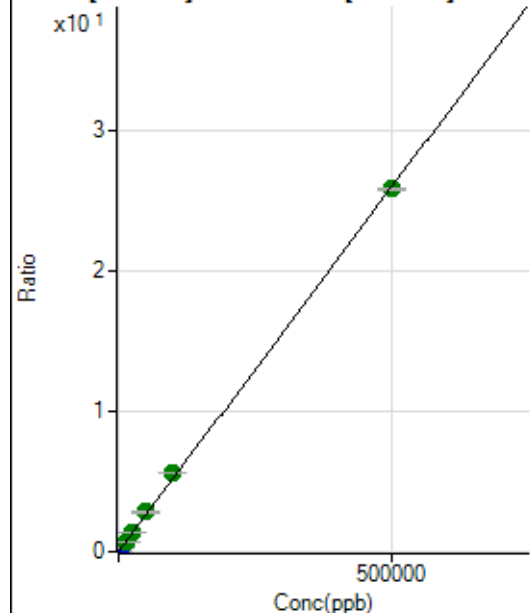
$$R = 0.9994$$

$$DL = 3.063$$

$$BEC = 9.723$$

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	16846.92	0.0049	P	4.2
2	☐	500.000	517.443	109569.32	0.0319	P	0.5
3	☐	5000.000	5622.459	1012594.74	0.2974	P	2.3
4	☐	12500.000	14020.391	2510010.73	0.7343	A	0.7
5	☐	25000.000	27032.551	4916440.19	1.4112	A	1.0
6	☐	50000.000	54038.542	9777651.04	2.8161	A	0.7
7	☐	100000.00	108201.43	19744940.45	5.6336	A	2.0
8	☐	500000.00	497809.97	87913880.90	25.9013	A	0.3

$$y = 5.2020\text{E-}005 * x + 0.0049$$

$$R = 0.9998$$

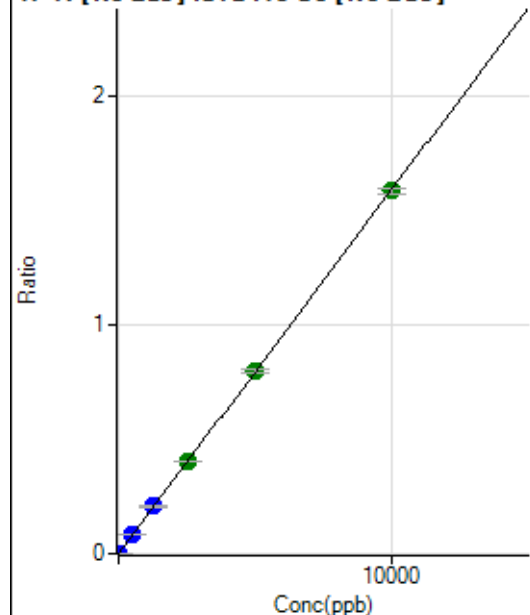
$$DL = 11.91$$

$$BEC = 94.98$$

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	108.34	0.0000	P	29.8
2	☐	5.000	4.980	2836.47	0.0008	P	8.8
3	☐	500.000	524.272	284041.82	0.0835	P	4.0
4	☐	1250.000	1296.274	705231.20	0.2063	P	1.6
5	☐	2500.000	2521.752	1398285.74	0.4013	A	0.6
6	☐	5000.000	5031.042	2779773.67	0.8007	A	2.0
7	☐	10000.000	9972.043	5562063.23	1.5870	A	1.3
8	☐			1116.75	0.0003	P	20.7

$$y = 1.5914\text{E-}004 * x + 3.1729\text{E-}005$$

$$R = 1.0000$$

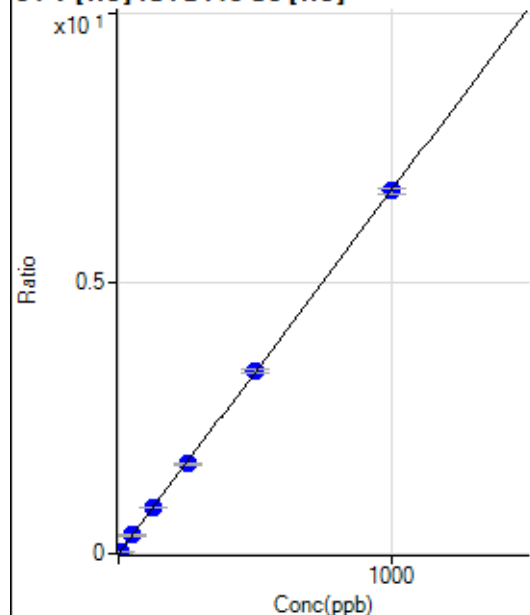
$$DL = 0.178$$

$$BEC = 0.1994$$

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	10.00	0.0001	P	7.9
2	☐	5.000	5.132	4123.97	0.0346	P	1.1
3	☐	50.000	50.659	41328.52	0.3406	P	1.7
4	☐	125.000	125.433	100236.91	0.8431	P	0.9
5	☐	250.000	246.720	196597.92	1.6583	P	0.6
6	☐	500.000	504.336	398504.90	3.3898	P	1.7
7	☐	1000.000	998.564	798232.01	6.7116	P	1.5
8	☐			316.68	0.0027	P	8.1

$$y = 0.0067 * x + 8.8747\text{E-}005$$

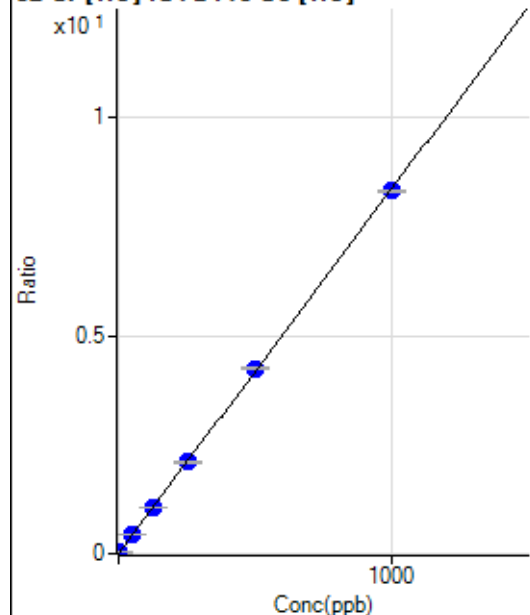
$$R = 1.0000$$

$$DL = 0.003148$$

$$BEC = 0.0132$$

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	474.46	0.0042	P	15.5
2	☐	2.000	2.319	2812.52	0.0236	P	2.8
3	☐	50.000	51.088	52296.42	0.4310	P	1.9
4	☐	125.000	127.844	127457.32	1.0721	P	0.1
5	☐	250.000	250.596	248638.67	2.0974	P	1.4
6	☐	500.000	508.664	500009.64	4.2531	P	1.1
7	☐	1000.000	995.109	989102.81	8.3163	P	0.8
8	☐			8275.79	0.0701	P	2.3

$$y = 0.0084 * x + 0.0042$$

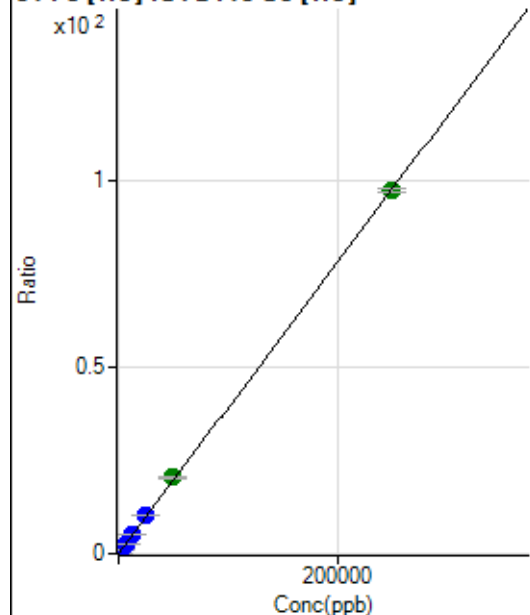
$$R = 0.9999$$

$$DL = 0.2351$$

$$BEC = 0.5047$$

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	559.28	0.0050	P	9.5
2	☐	50.000	51.591	2991.10	0.0251	P	3.5
3	☐	2500.000	2587.791	123128.03	1.0146	P	0.4
4	☐	6250.000	6584.605	306028.08	2.5740	P	0.9
5	☐	12500.000	12978.849	600909.51	5.0687	P	0.3
6	☐	25000.000	25895.684	1188389.41	10.1082	P	0.6
7	☐	50000.000	52287.283	2426968.28	20.4050	A	0.4
8	☐	250000.00	249419.78	11481874.45	97.3169	A	1.1

$$y = 3.9015E-004 * x + 0.0050$$

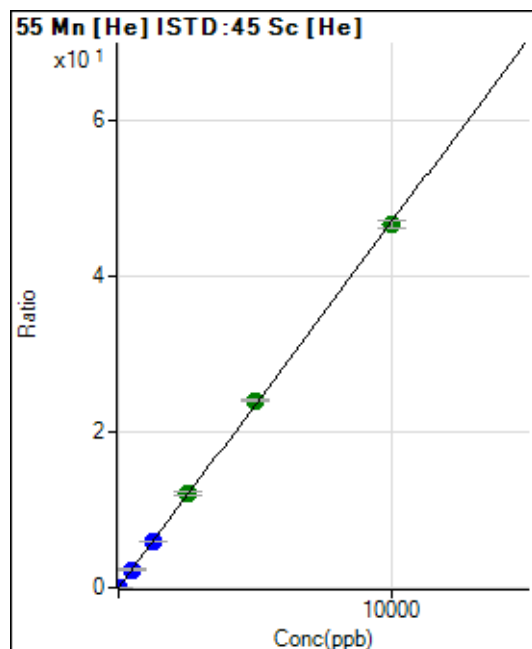
$$R = 1.0000$$

$$DL = 3.61$$

$$BEC = 12.71$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.55	0.0007	P	12.5
2	☐	1.000	0.961	616.69	0.0052	P	7.6
3	☐	500.000	497.262	283069.62	2.3326	P	1.1
4	☐	1250.000	1251.975	698056.66	5.8719	P	1.2
5	☐	2500.000	2576.920	1432493.94	12.0853	A	2.4
6	☐	5000.000	5117.054	2821247.60	23.9975	A	1.3
7	☐	10000.000	9922.133	5533604.85	46.5313	A	2.2
8	☐			3072.60	0.0260	P	6.5

$$y = 0.0047 * x + 6.6549E-004$$

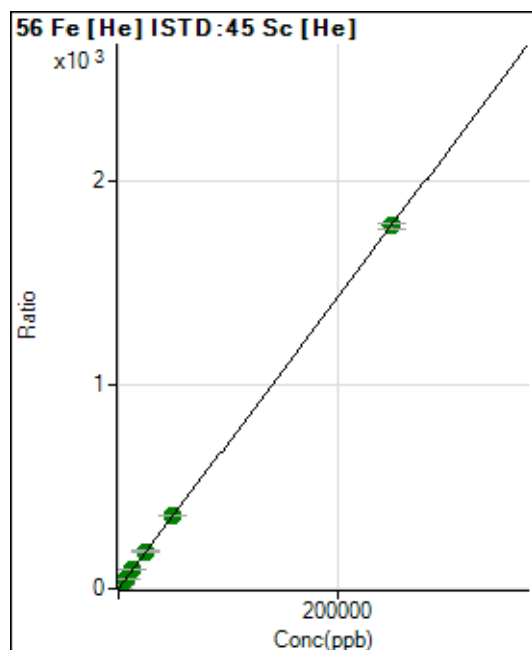
$$R = 0.9999$$

$$DL = 0.05321$$

$$BEC = 0.1419$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3980.26	0.0353	P	8.9
2	☐	50.000	50.390	46966.23	0.3939	P	1.2
3	☐	2500.000	2609.872	2257903.18	18.6060	A	1.0
4	☐	6250.000	6624.550	5608618.12	47.1726	A	1.0
5	☐	12500.000	12986.199	10955550.59	92.4392	A	3.9
6	☐	25000.000	25679.745	21484375.02	182.7607	A	2.3
7	☐	50000.000	50419.004	42669904.66	358.7940	A	1.7
8	☐	250000.00	249813.45	209737312.1	1,777.594	A	1.4

$$y = 0.0071 * x + 0.0353$$

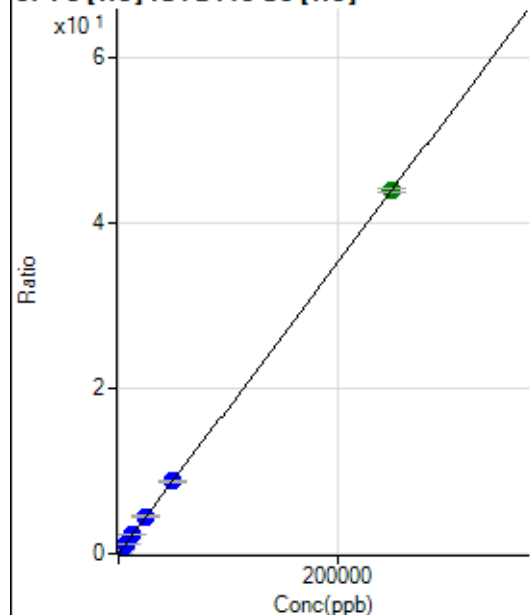
$$R = 1.0000$$

$$DL = 1.327$$

$$BEC = 4.965$$

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	168.52	0.0015	P	18.4
2	☐	50.000	50.762	1240.82	0.0104	P	2.4
3	☐	2500.000	2538.079	54212.22	0.4467	P	1.0
4	☐	6250.000	6434.871	134371.86	1.1303	P	0.7
5	☐	12500.000	12748.504	265258.97	2.2378	P	2.5
6	☐	25000.000	25644.800	529037.71	4.5001	P	1.4
7	☐	50000.000	49734.531	1037834.25	8.7259	P	0.8
8	☐	250000.00	249971.18	5173926.16	43.8515	A	1.1

$$y = 1.7542\text{E-}004 * x + 0.0015$$

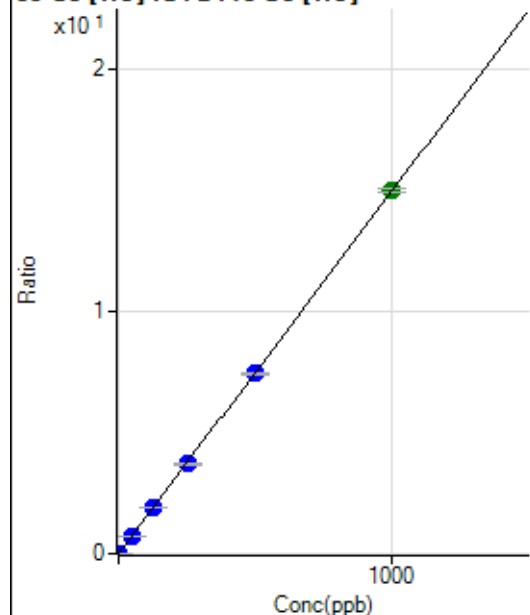
$$R = 1.0000$$

$$DL = 4.722$$

$$BEC = 8.56$$

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	55.56	0.0005	P	23.4
2	☐	1.000	1.035	1904.59	0.0160	P	7.7
3	☐	50.000	49.879	90593.67	0.7465	P	0.4
4	☐	125.000	125.073	222447.81	1.8711	P	0.4
5	☐	250.000	247.624	439089.58	3.7041	P	1.4
6	☐	500.000	497.154	874228.32	7.4362	P	0.9
7	☐	1000.000	1002.014	1782452.73	14.9871	A	1.2
8	☐			1741.24	0.0148	P	4.4

$$y = 0.0150 * x + 4.8536\text{E-}004$$

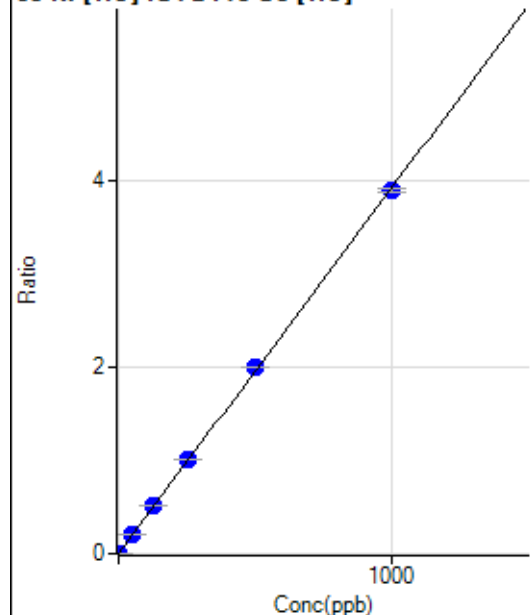
$$R = 1.0000$$

$$DL = 0.02278$$

$$BEC = 0.03245$$

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	203.34	0.0018	P	14.2
2	☐	1.000	0.929	650.02	0.0055	P	7.0
3	☐	50.000	51.943	24910.78	0.2053	P	2.2
4	☐	125.000	129.391	60477.89	0.5087	P	0.6
5	☐	250.000	255.418	118832.94	1.0024	P	0.3
6	☐	500.000	510.119	235147.71	2.0001	P	0.5
7	☐	1000.000	992.940	462828.41	3.8915	P	1.0
8	☐			1556.77	0.0132	P	4.4

$$y = 0.0039 * x + 0.0018$$

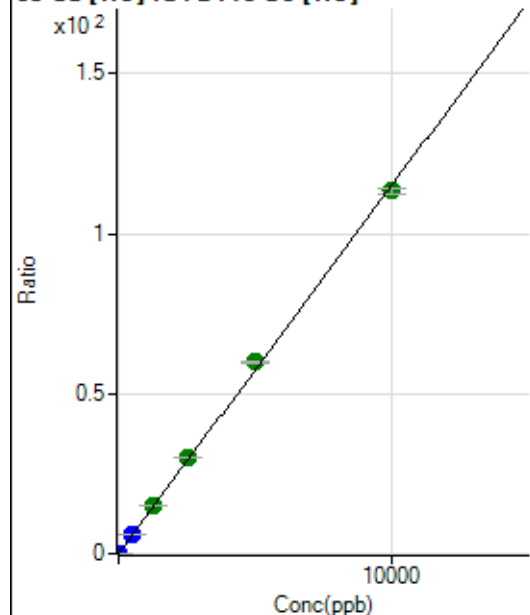
$$R = 0.9999$$

$$DL = 0.1965$$

$$BEC = 0.462$$

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	774.47	0.0069	P	13.3
2	☐	2.000	2.032	3607.17	0.0303	P	0.2
3	☐	500.000	516.153	721091.59	5.9419	P	0.4
4	☐	1250.000	1314.739	1798095.42	15.1245	A	0.1
5	☐	2500.000	2606.395	3553848.87	29.9766	A	0.6
6	☐	5000.000	5205.038	7036880.66	59.8572	A	1.5
7	☐	10000.000	9861.982	13487266.47	113.4052	A	1.3
8	☐			3602.79	0.0305	P	14.5

$$y = 0.0115 * x + 0.0069$$

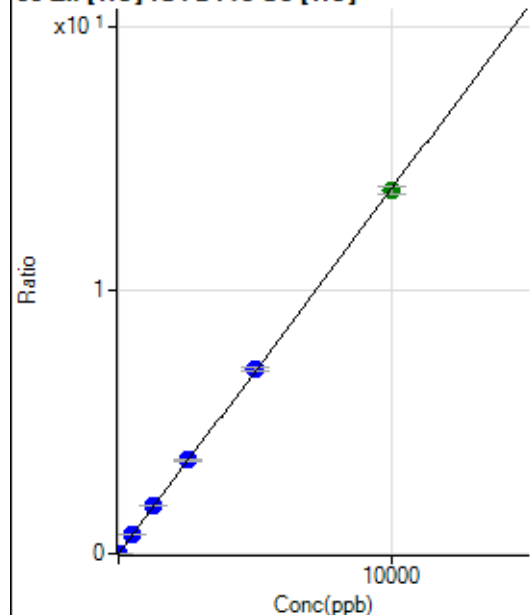
$$R = 0.9996$$

$$DL = 0.2389$$

$$BEC = 0.5994$$

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	58.05	0.0005	P	32.2
2	☐	2.000	2.231	428.11	0.0036	P	3.4
3	☐	500.000	519.880	87324.27	0.7195	P	0.4
4	☐	1250.000	1298.635	213612.37	1.7966	P	1.0
5	☐	2500.000	2559.746	419759.28	3.5408	P	0.7
6	☐	5000.000	5064.324	823497.96	7.0049	P	1.5
7	☐	10000.000	9945.828	1636263.69	13.7564	A	2.2
8	☐			7174.67	0.0608	P	0.7

$$y = 0.0014 * x + 5.0490E-004$$

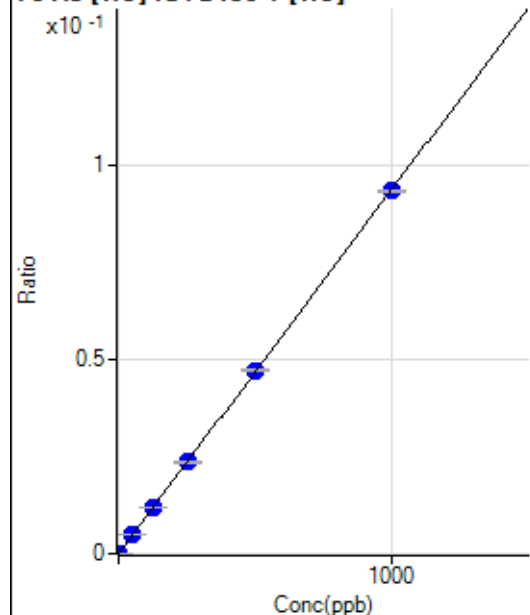
$$R = 0.9999$$

$$DL = 0.3531$$

$$BEC = 0.3651$$

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	3.67	0.0000	P	60.3
2	☐	1.000	1.129	111.68	0.0001	P	4.3
3	☐	50.000	50.716	4922.36	0.0048	P	1.6
4	☐	125.000	127.207	12204.17	0.0119	P	1.3
5	☐	250.000	251.527	23952.98	0.0236	P	1.0
6	☐	500.000	504.367	47698.54	0.0472	P	1.6
7	☐	1000.000	997.123	95068.25	0.0934	P	0.2
8	☐			25.33	0.0000	P	29.6

$$y = 9.3628E-005 * x + 3.6992E-006$$

$$R = 1.0000$$

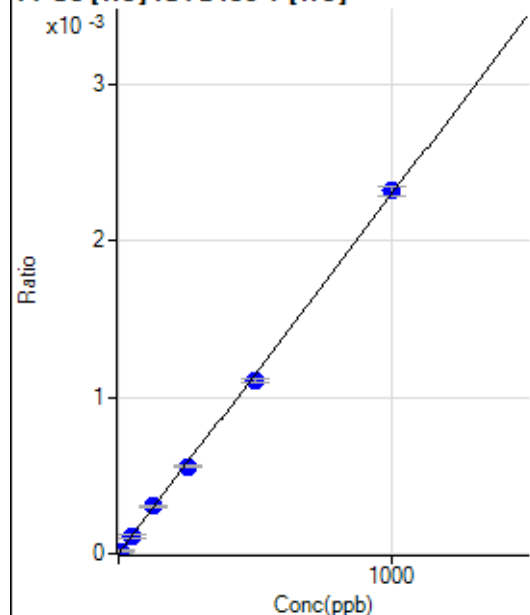
$$DL = 0.0715$$

$$BEC = 0.03951$$

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	1.11	0.0000	P	173.
2	☐	5.000	7.108	17.78	0.0000	P	28.1
3	☐	50.000	48.657	116.67	0.0001	P	17.4
4	☐	125.000	131.502	310.01	0.0003	P	3.1
5	☐	250.000	242.986	567.80	0.0006	P	0.7
6	☐	500.000	482.054	1117.83	0.0011	P	3.0
7	☐	1000.000	1009.971	2359.11	0.0023	P	2.8
8	☐			2.22	0.0000	P	86.6

$$y = 2.2930\text{E-}006 * x + 1.0999\text{E-}006$$

$$R = 0.9997$$

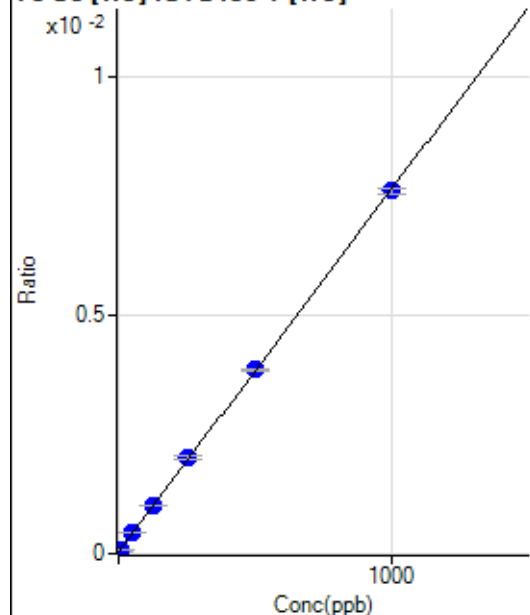
$$DL = 2.493$$

$$BEC = 0.4797$$

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	32.00	0.0000	P	21.0
2	☐	5.000	4.615	70.01	0.0001	P	6.4
3	☐	50.000	54.880	466.72	0.0005	P	2.5
4	☐	125.000	128.290	1033.14	0.0010	P	1.9
5	☐	250.000	260.657	2048.36	0.0020	P	4.2
6	☐	500.000	502.571	3892.60	0.0039	P	1.7
7	☐	1000.000	995.397	7737.91	0.0076	P	1.3
8	☐			43.67	0.0000	P	29.5

$$y = 7.6011\text{E-}006 * x + 3.3468\text{E-}005$$

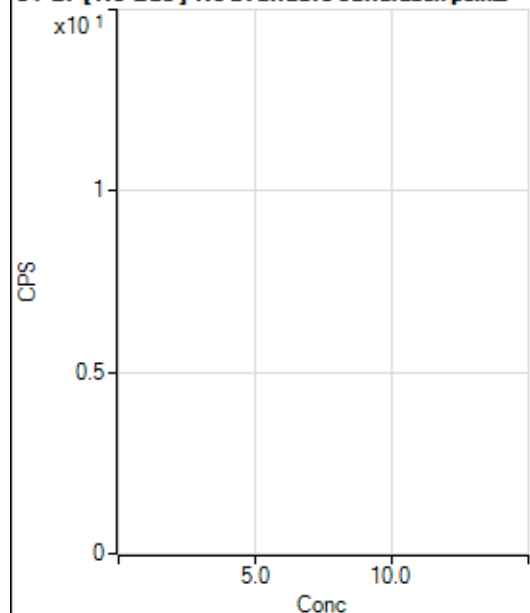
$$R = 0.9999$$

$$DL = 2.775$$

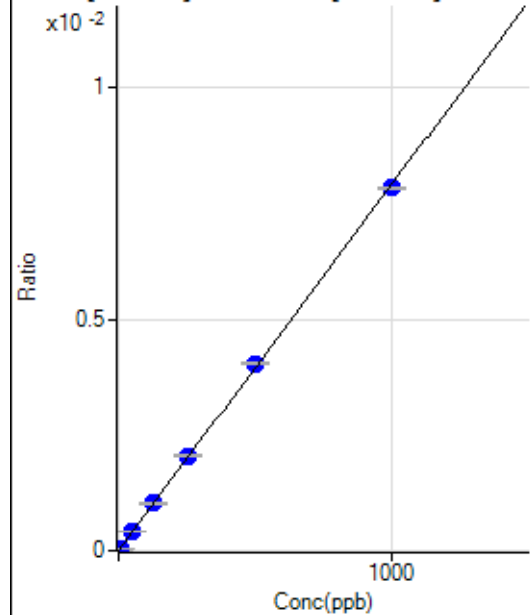
$$BEC = 4.403$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29785.38		P	2.0
2	☐			29829.80		P	5.2
3	☐			29362.21		P	2.3
4	☐			30205.69		P	1.4
5	☐			29802.07		P	2.9
6	☐			30233.68		P	2.3
7	☐			30066.48		P	3.3
8	☐			29635.16		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.66	0.0000	P	136.
2	☐	5.000	4.747	353.72	0.0000	P	5.9
3	☐	50.000	52.493	3649.67	0.0004	P	2.0
4	☐	125.000	129.381	9021.51	0.0010	P	3.0
5	☐	250.000	258.044	18051.71	0.0020	P	1.6
6	☐	500.000	511.845	35518.66	0.0040	P	0.9
7	☐	1000.000	991.395	70458.36	0.0078	P	0.4
8	☐			73.33	0.0000	P	18.1

$$y = 7.9063E-006 * x + 3.0849E-006$$

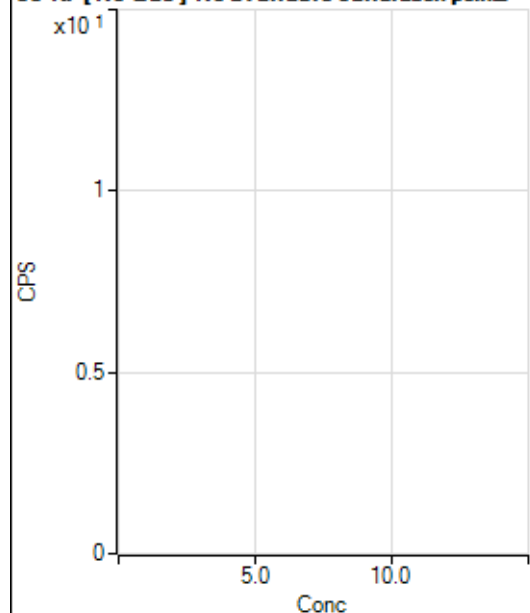
$$R = 0.9999$$

$$DL = 1.591$$

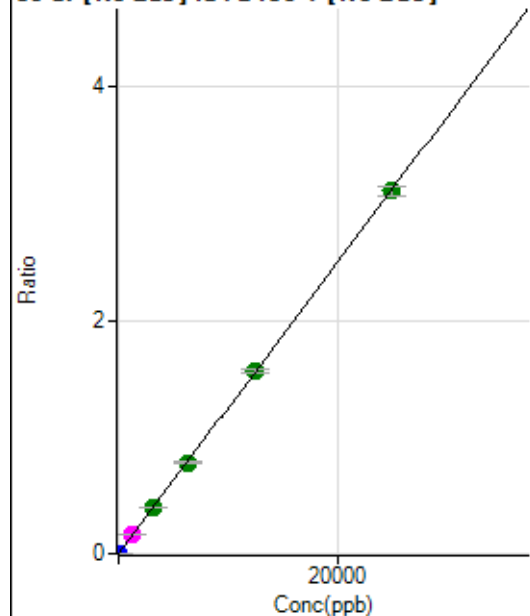
$$BEC = 0.3902$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			230.81		P	6.5
2	☐			239.97		P	1.4
3	☐			222.47		P	6.3
4	☐			221.64		P	3.4
5	☐			222.06		P	15.1
6	☐			217.47		P	14.0
7	☐			232.06		P	7.8
8	☐			217.48		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	402.80	0.0000	P	19.2
2	☐	1.000	0.952	1444.56	0.0002	P	12.9
3	☐	1250.000	1285.920	1398525.83	0.1602	M	1.9
4	☐	3125.000	3206.372	3512761.93	0.3994	A	1.5
5	☐	6250.000	6259.209	6887909.31	0.7796	A	0.8
6	☐	12500.000	12569.616	13730223.31	1.5656	A	2.0
7	☐	25000.000	24950.922	27925253.75	3.1077	A	2.4
8	☐			8122.08	0.0009	P	6.5

$$y = 1.2455E-004 * x + 4.7225E-005$$

$$R = 1.0000$$

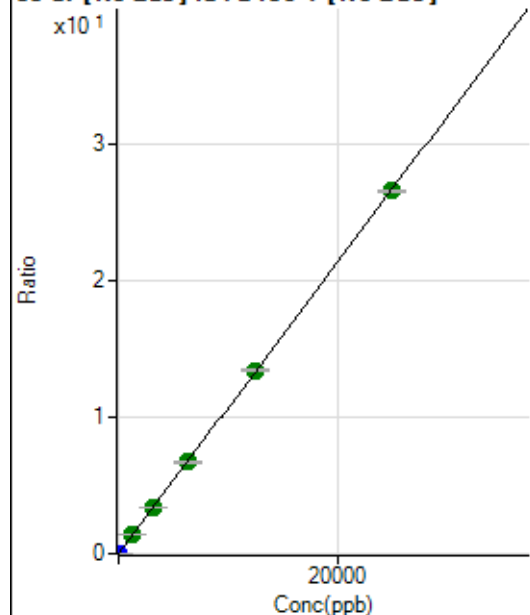
$$DL = 0.2186$$

$$BEC = 0.3792$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	252.78	0.0000	P	21.0
2	☐	1.000	1.001	9561.82	0.0011	P	2.5
3	☐	1250.000	1272.590	11850533.51	1.3576	A	1.4
4	☐	3125.000	3153.877	29594003.44	3.3646	A	0.9
5	☐	6250.000	6288.031	59263558.96	6.7080	A	1.3
6	☐	12500.000	12583.409	117742120.6	13.4239	A	1.2
7	☐	25000.000	24944.049	239104974.7	26.6101	A	0.6
8	☐			66410.99	0.0076	P	4.3

$$y = 0.0011 * x + 2.9426E-005$$

$$R = 1.0000$$

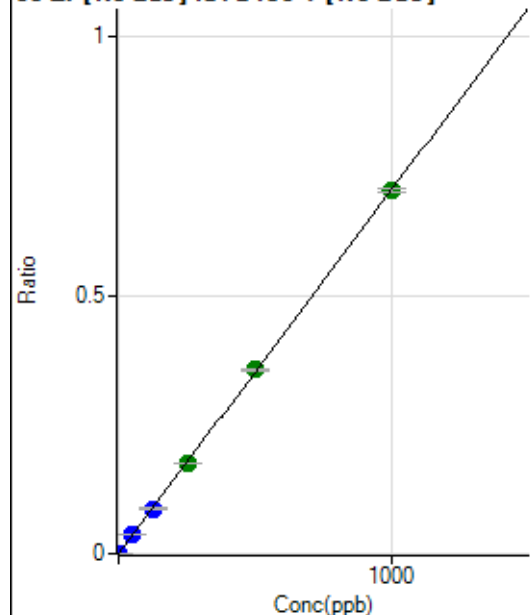
$$DL = 0.01736$$

$$BEC = 0.02758$$

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	397.24	0.0000	P	21.1
2	☐	1.000	0.871	5745.77	0.0007	P	6.9
3	☐	50.000	51.070	314272.88	0.0360	P	0.9
4	☐	125.000	122.844	760955.39	0.0865	P	2.3
5	☐	250.000	247.321	1538727.53	0.1742	A	0.8
6	☐	500.000	506.770	3129936.85	0.3568	A	1.0
7	☐	1000.000	997.501	6310659.30	0.7023	A	1.1
8	☐			1625.16	0.0002	P	6.4

$$y = 7.0404E-004 * x + 4.6239E-005$$

$$R = 1.0000$$

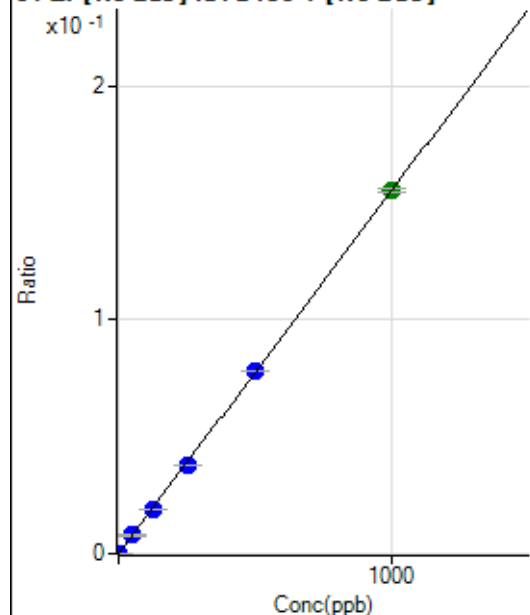
$$DL = 0.04152$$

$$BEC = 0.06568$$

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	63.89	0.0000	P	32.4
2	☐	1.000	0.881	1255.65	0.0001	P	1.8
3	☐	50.000	51.044	69147.52	0.0079	P	3.1
4	☐	125.000	122.025	166471.03	0.0189	P	2.9
5	☐	250.000	245.137	335907.77	0.0380	P	1.0
6	☐	500.000	503.104	684386.79	0.0780	P	0.5
7	☐	1000.000	999.984	1393426.17	0.1551	A	1.1
8	☐			363.90	0.0000	P	7.8

$$y = 1.5507\text{E-}004 * x + 7.4664\text{E-}006$$

$$R = 1.0000$$

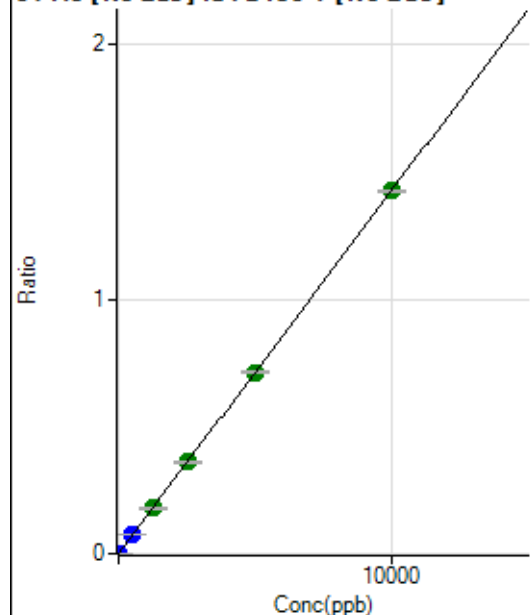
$$DL = 0.04674$$

$$BEC = 0.04815$$

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	152.78	0.0000	P	20.3
2	☐	5.000	5.591	7104.80	0.0008	P	5.7
3	☐	500.000	513.776	640113.46	0.0733	P	1.7
4	☐	1250.000	1252.204	1571220.41	0.1787	A	3.1
5	☐	2500.000	2530.154	3189700.87	0.3610	A	1.1
6	☐	5000.000	4990.467	6245193.93	0.7121	A	1.2
7	☐	10000.000	9996.263	12817060.70	1.4264	A	0.4
8	☐			2967.13	0.0003	P	13.0

$$y = 1.4269\text{E-}004 * x + 1.7790\text{E-}005$$

$$R = 1.0000$$

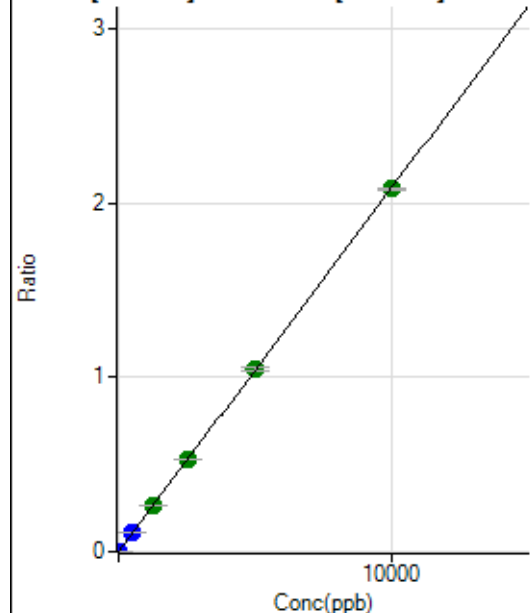
$$DL = 0.07587$$

$$BEC = 0.1247$$

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	58.34	0.0000	P	11.5
2	☐	5.000	4.885	8944.81	0.0010	P	4.9
3	☐	500.000	510.222	930346.23	0.1066	P	0.2
4	☐	1250.000	1267.766	2327907.13	0.2648	A	3.8
5	☐	2500.000	2540.171	4687288.99	0.5306	A	1.2
6	☐	5000.000	5020.628	9195277.72	1.0486	A	2.7
7	☐	10000.000	9976.911	18724200.59	2.0838	A	0.2
8	☐			3950.68	0.0004	P	14.3

$$y = 2.0886E-004 * x + 6.7995E-006$$

$$R = 1.0000$$

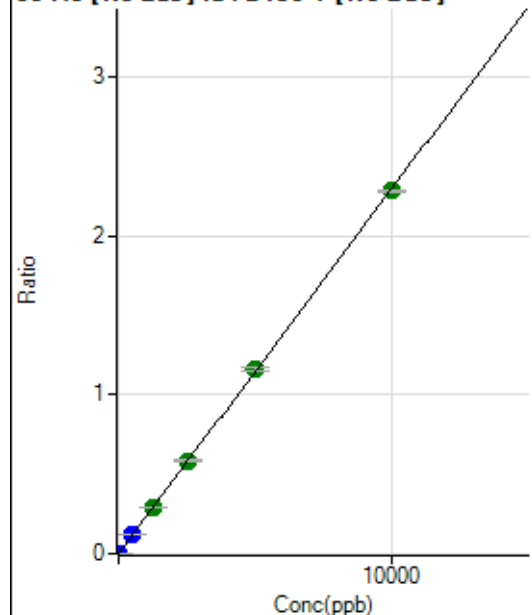
$$DL = 0.01126$$

$$BEC = 0.03256$$

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	63.89	0.0000	P	22.2
2	☐	5.000	4.932	9920.48	0.0011	P	2.1
3	☐	500.000	513.256	1027821.47	0.1177	P	1.0
4	☐	1250.000	1270.037	2561804.72	0.2913	A	2.4
5	☐	2500.000	2552.274	5172426.24	0.5855	A	1.4
6	☐	5000.000	5066.275	10191582.09	1.1621	A	1.5
7	☐	10000.000	9950.627	20510000.98	2.2825	A	0.4
8	☐			6437.83	0.0007	P	16.2

$$y = 2.2938E-004 * x + 7.4880E-006$$

$$R = 1.0000$$

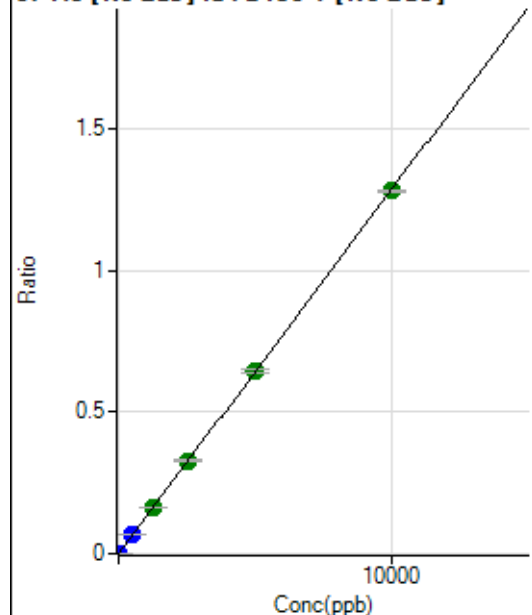
$$DL = 0.02173$$

$$BEC = 0.03264$$

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	19.44	0.0000	P	50.3
2	☐	5.000	4.828	5420.64	0.0006	P	4.2
3	☐	500.000	519.899	582920.37	0.0668	P	0.3
4	☐	1250.000	1269.525	1433801.28	0.1631	A	2.6
5	☐	2500.000	2554.884	2899061.98	0.3281	A	1.3
6	☐	5000.000	5035.443	5671566.57	0.6467	A	1.8
7	☐	10000.000	9965.122	11500475.17	1.2799	A	0.3
8	☐			2628.11	0.0003	P	19.4

$$y = 1.2843\text{E-}004 * x + 2.2813\text{E-}006$$

$$R = 1.0000$$

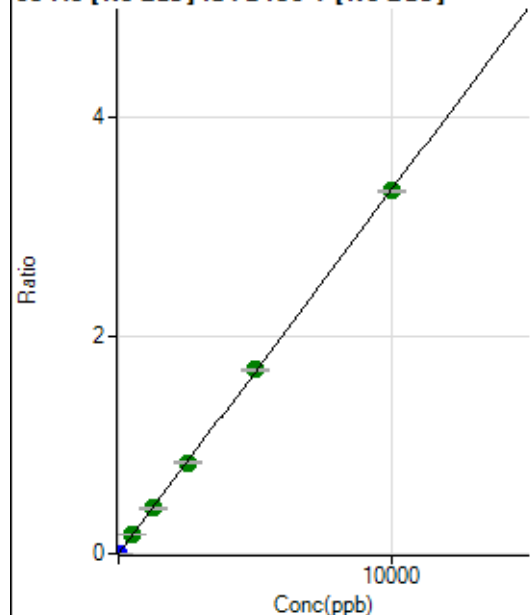
$$DL = 0.02679$$

$$BEC = 0.01776$$

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	50.00	0.0000	P	42.2
2	☐	5.000	4.804	14018.58	0.0016	P	1.5
3	☐	500.000	511.120	1488988.35	0.1706	A	1.7
4	☐	1250.000	1254.397	3681216.27	0.4186	A	2.9
5	☐	2500.000	2503.366	7381275.69	0.8355	A	0.9
6	☐	5000.000	5049.213	14778865.61	1.6851	A	1.6
7	☐	10000.000	9973.446	29908945.46	3.3285	A	0.5
8	☐			6415.63	0.0007	P	17.5

$$y = 3.3374\text{E-}004 * x + 5.8193\text{E-}006$$

$$R = 1.0000$$

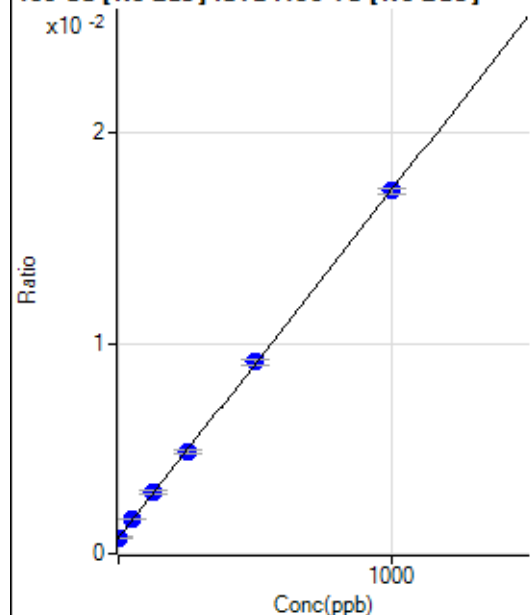
$$DL = 0.02208$$

$$BEC = 0.01744$$

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	4587.00	0.0008	P	7.5
2	☐	1.000	-0.004	4706.47	0.0008	P	3.3
3	☐	50.000	51.888	9845.46	0.0016	P	2.2
4	☐	125.000	130.927	18015.04	0.0029	P	3.9
5	☐	250.000	247.933	30465.06	0.0049	P	3.2
6	☐	500.000	504.358	57177.67	0.0091	P	2.5
7	☐	1000.000	997.503	110237.54	0.0172	P	1.8
8	☐			4689.82	0.0008	P	5.2

$$y = 1.6521\text{E-}005 * x + 7.6248\text{E-}004$$

$$R = 1.0000$$

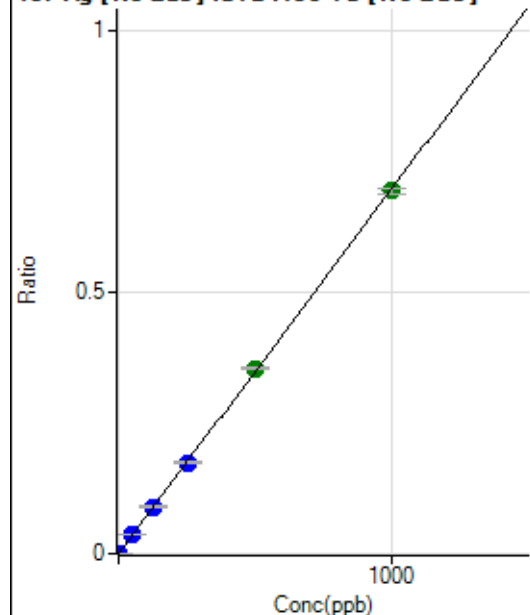
$$DL = 10.33$$

$$BEC = 46.15$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	15.0
2	☐	1.000	1.028	4542.53	0.0007	P	5.5
3	☐	50.000	52.216	221618.92	0.0365	P	1.9
4	☐	125.000	127.592	548445.91	0.0891	P	3.0
5	☐	250.000	249.654	1092931.78	0.1743	P	1.3
6	☐	500.000	508.620	2232476.67	0.3551	A	1.9
7	☐	1000.000	995.342	4442466.33	0.6948	A	1.3
8	☐			2189.13	0.0004	P	4.9

$$y = 6.9806\text{E-}004 * x + 1.8016\text{E-}005$$

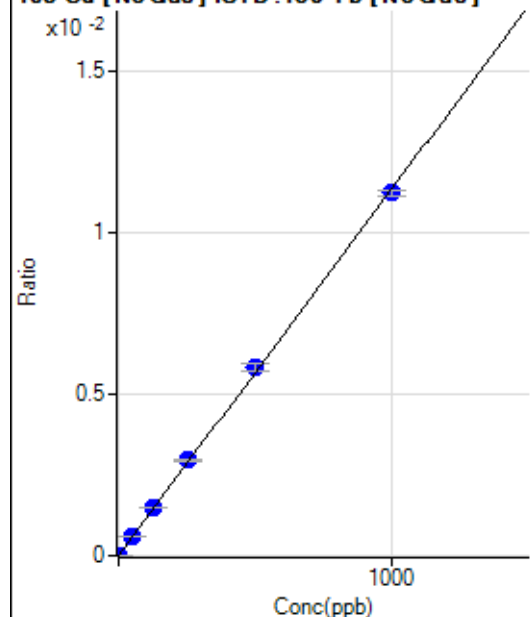
$$R = 0.9999$$

$$DL = 0.01162$$

$$BEC = 0.02581$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	26.6
2	☐	1.000	1.006	93.06	0.0000	P	29.6
3	☐	50.000	53.499	3713.05	0.0006	P	0.3
4	☐	125.000	129.878	9096.16	0.0015	P	2.2
5	☐	250.000	260.322	18547.36	0.0030	P	1.6
6	☐	500.000	512.442	36570.78	0.0058	P	3.9
7	☐	1000.000	990.414	71882.41	0.0112	P	1.7
8	☐			87.50	0.0000	P	10.4

$$y = 1.1348\text{E-}005 * x + 3.6741\text{E-}006$$

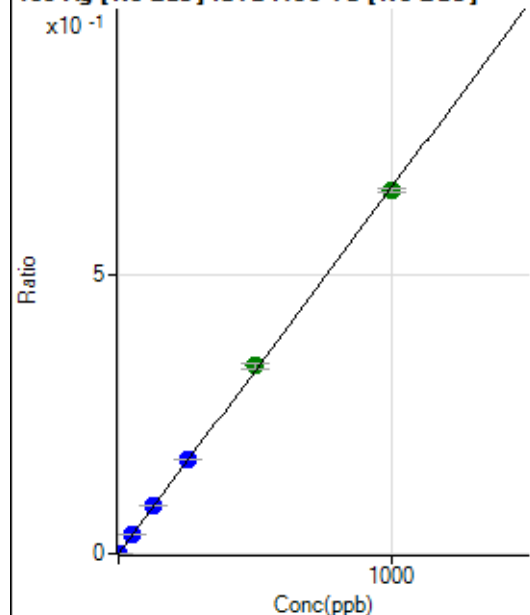
$$R = 0.9998$$

$$DL = 0.2582$$

$$BEC = 0.3238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	108.
2	☐	1.000	1.029	4186.85	0.0007	P	4.9
3	☐	50.000	53.339	212804.83	0.0350	P	1.6
4	☐	125.000	131.046	529639.17	0.0860	P	1.8
5	☐	250.000	257.905	1061660.73	0.1693	P	1.5
6	☐	500.000	512.851	2116136.29	0.3367	A	3.4
7	☐	1000.000	990.675	4158090.28	0.6503	A	1.0
8	☐			1889.07	0.0003	P	8.2

$$y = 6.5644\text{E-}004 * x + 3.1709\text{E-}006$$

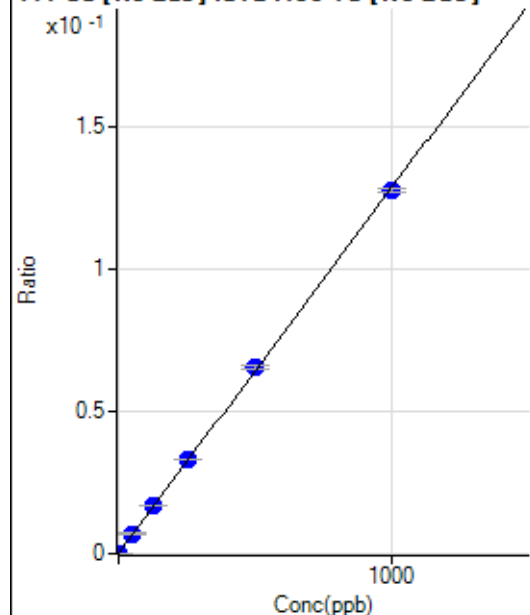
$$R = 0.9998$$

$$DL = 0.01565$$

$$BEC = 0.00483$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	454.25	0.0001	P	6.1
2	☐	1.000	1.094	1331.94	0.0002	P	9.7
3	☐	50.000	54.089	42602.14	0.0070	P	3.1
4	☐	125.000	129.954	103053.91	0.0167	P	1.3
5	☐	250.000	256.855	206992.36	0.0330	P	1.2
6	☐	500.000	511.121	412544.72	0.0656	P	1.9
7	☐	1000.000	991.902	813634.78	0.1273	P	1.0
8	☐			734.13	0.0001	P	5.0

$$y = 1.2822\text{E-}004 * x + 7.5484\text{E-}005$$

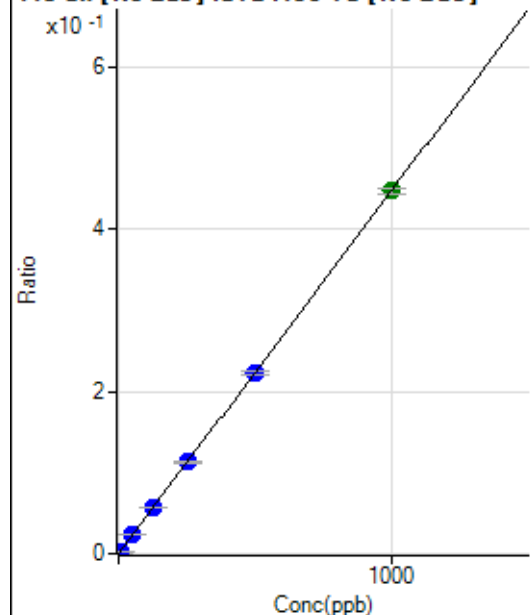
$$R = 0.9999$$

$$DL = 0.1077$$

$$BEC = 0.5887$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	366.68	0.0001	P	8.5
2	☐	5.000	4.914	13960.25	0.0023	P	2.9
3	☐	50.000	52.732	143821.66	0.0237	P	3.5
4	☐	125.000	126.915	350287.66	0.0569	P	1.3
5	☐	250.000	252.447	709240.12	0.1131	P	1.5
6	☐	500.000	498.278	1403177.54	0.2232	P	2.4
7	☐	1000.000	999.874	2863078.90	0.4478	A	1.8
8	☐			1708.48	0.0003	P	6.3

$$y = 4.4779\text{E-}004 * x + 6.0824\text{E-}005$$

$$R = 1.0000$$

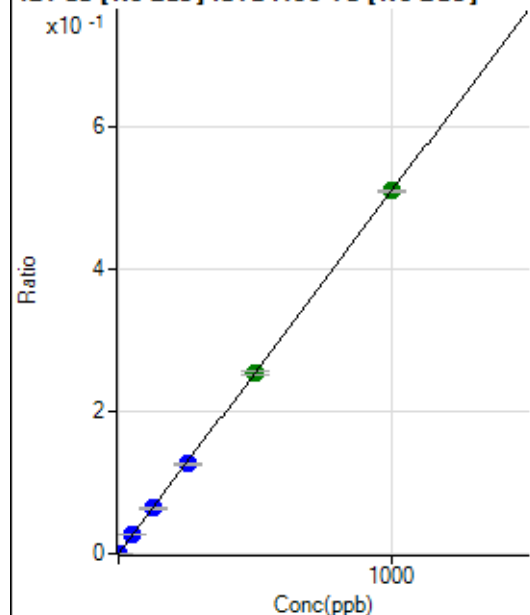
$$DL = 0.03457$$

$$BEC = 0.1358$$

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	8.33	0.0000	P	98.1
2	☐	2.000	1.995	6271.04	0.0010	P	5.3
3	☐	50.000	52.003	160696.47	0.0264	P	2.5
4	☐	125.000	124.655	390308.02	0.0634	P	0.6
5	☐	250.000	247.505	789281.85	0.1259	P	0.8
6	☐	500.000	499.988	1598509.67	0.2543	A	2.3
7	☐	1000.000	1000.573	3253366.87	0.5088	A	0.5
8	☐			1694.60	0.0003	P	11.5

$$y = 5.0853\text{E-}004 * x + 1.3820\text{E-}006$$

$$R = 1.0000$$

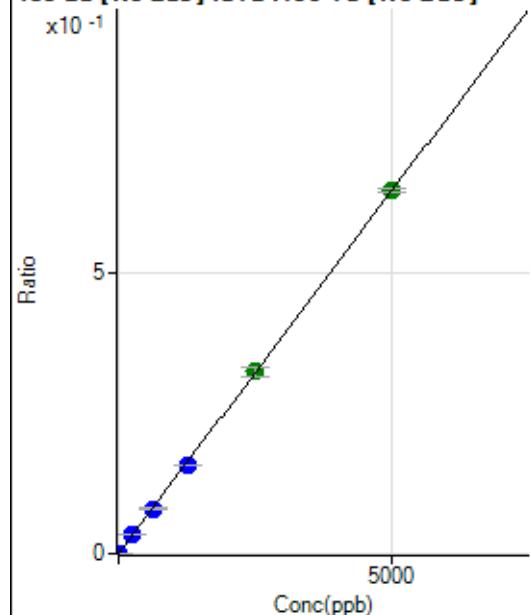
$$DL = 0.007998$$

$$BEC = 0.002718$$

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	22.22	0.0000	P	59.5
2	☐	10.000	9.204	7363.31	0.0012	P	4.2
3	☐	250.000	257.954	202429.79	0.0333	P	3.3
4	☐	625.000	620.715	493632.50	0.0802	P	1.1
5	☐	1250.000	1218.057	986561.52	0.1573	P	1.5
6	☐	2500.000	2506.843	2034991.28	0.3238	A	5.3
7	☐	5000.000	5004.704	4132938.94	0.6464	A	1.2
8	☐			2530.86	0.0004	P	4.8

$$y = 1.2916\text{E-}004 * x + 3.7274\text{E-}006$$

$$R = 1.0000$$

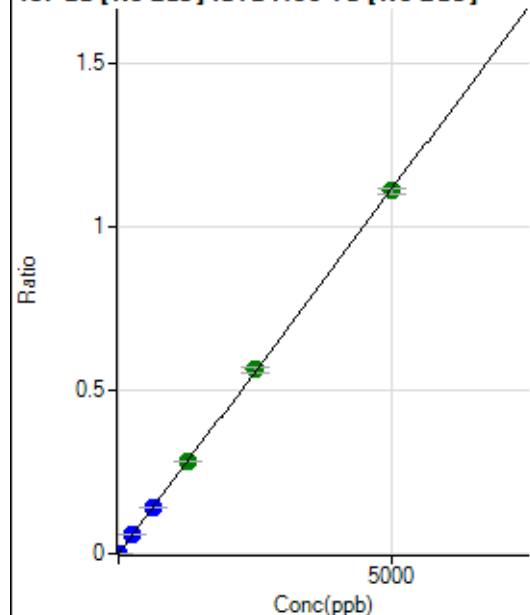
$$DL = 0.05151$$

$$BEC = 0.02886$$

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	19.44	0.0000	P	64.1
2	☐	10.000	9.751	13420.95	0.0022	P	3.7
3	☐	250.000	261.546	353625.82	0.0582	P	3.5
4	☐	625.000	629.915	863149.27	0.1402	P	1.2
5	☐	1250.000	1262.551	1762064.27	0.2810	A	1.4
6	☐	2500.000	2532.096	3542346.91	0.5635	A	3.0
7	☐	5000.000	4979.623	7085440.09	1.1082	A	1.9
8	☐			4334.15	0.0007	P	10.0

$$y = 2.2255E-004 * x + 3.2232E-006$$

$$R = 1.0000$$

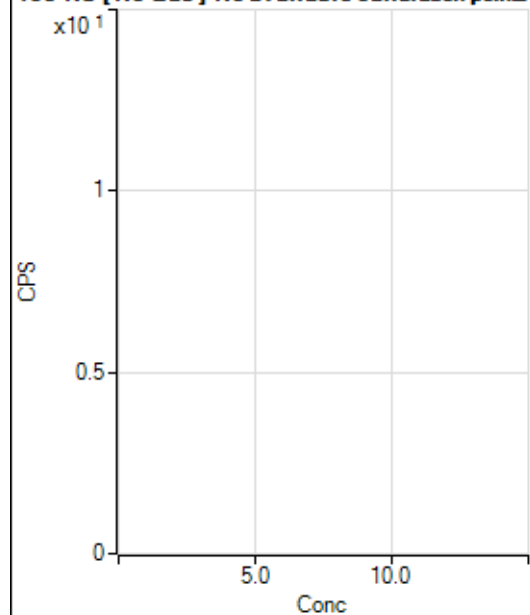
$$DL = 0.02785$$

$$BEC = 0.01448$$

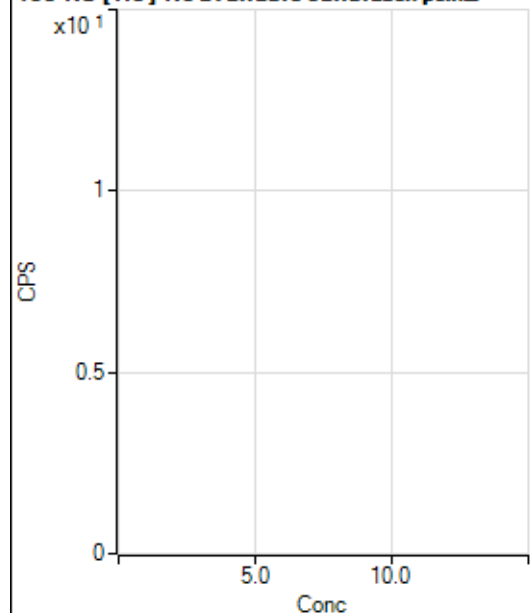
Weight: <None>

Min Conc: 0

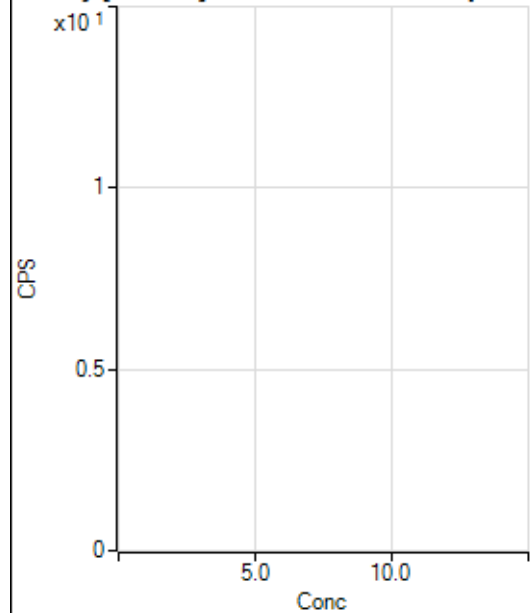
150 Nd [No Gas] No available calibration points



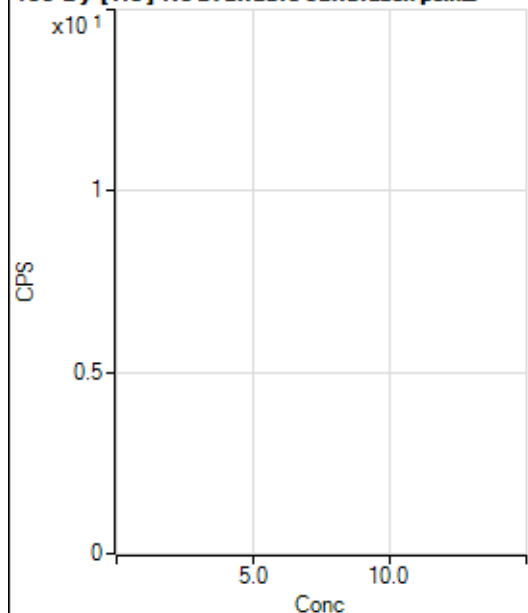
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			11.11		P	34.6
3	☐			51.11		P	41.9
4	☐			77.78		P	4.9
5	☐			155.56		P	8.9
6	☐			375.57		P	13.1
7	☐			735.59		P	8.8
8	☐			28.89		P	53.3

150 Nd [He] No available calibration points

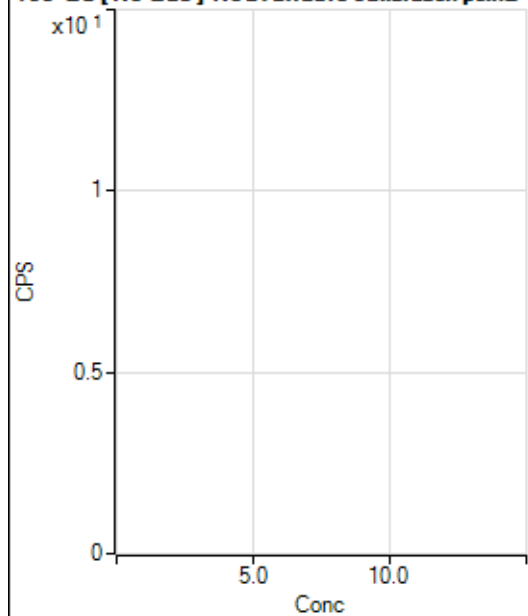
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			8.89		P	78.1
4	☐			12.22		P	63.0
5	☐			14.45		P	26.7
6	☐			25.55		P	27.1
7	☐			47.78		P	16.1
8	☐			7.78		P	65.5

156 Dy [No Gas] No available calibration points

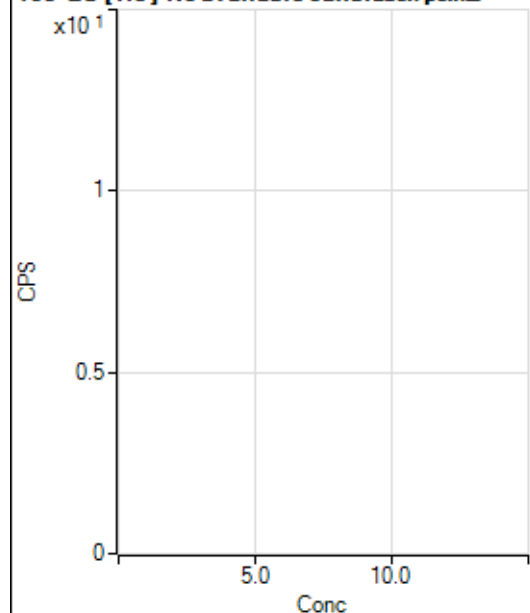
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			8.33		P	100.
3	☐			27.78		P	62.5
4	☐			44.44		P	28.6
5	☐			80.56		P	15.8
6	☐			138.89		P	25.0
7	☐			363.90		P	9.5
8	☐			727.81		P	4.3

156 Dy [He] No available calibration points

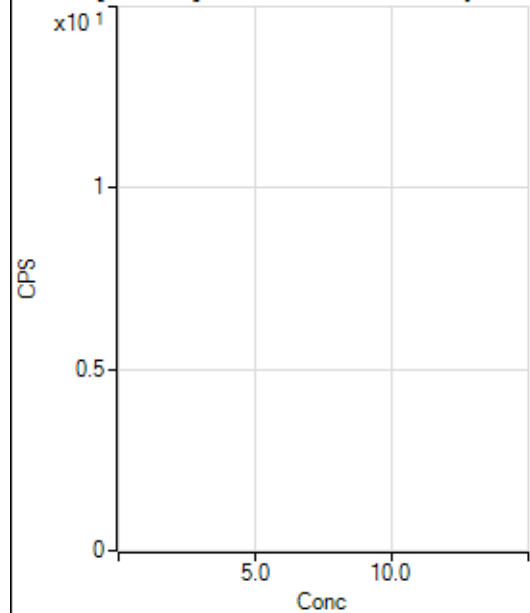
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			3.33		P	0.0
3	☐			7.78		P	49.5
4	☐			15.55		P	68.9
5	☐			30.00		P	22.2
6	☐			53.33		P	12.5
7	☐			134.45		P	11.5
8	☐			372.23		P	7.2

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

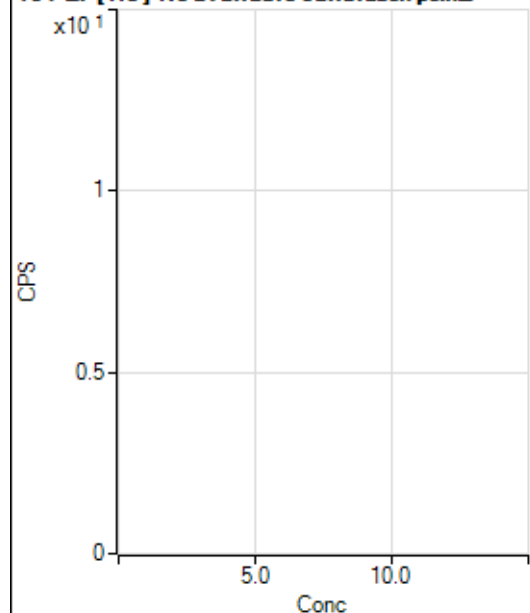
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	45.8
2	☐			58.33		P	51.5
3	☐			86.11		P	20.1
4	☐			69.44		P	13.9
5	☐			97.23		P	34.6
6	☐			130.56		P	24.2
7	☐			286.12		P	40.8
8	☐			930.61		P	4.4

160 Gd [He] No available calibration points

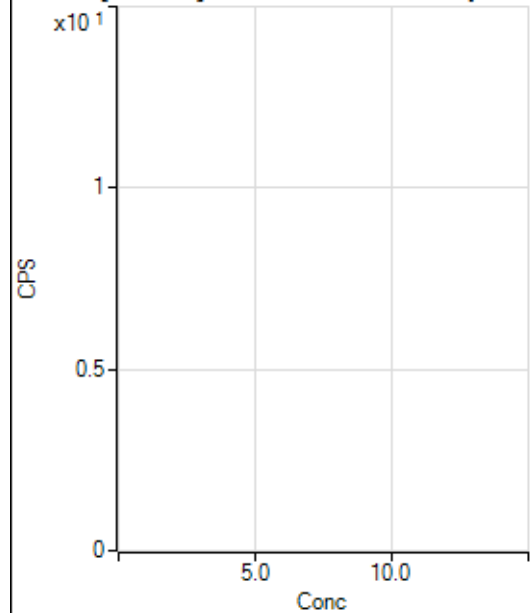
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	18.7
2	☐			95.56		P	8.8
3	☐			93.33		P	10.7
4	☐			87.78		P	20.9
5	☐			93.33		P	27.0
6	☐			141.12		P	16.6
7	☐			187.78		P	9.8
8	☐			491.13		P	9.9

164 Er [No Gas] No available calibration points

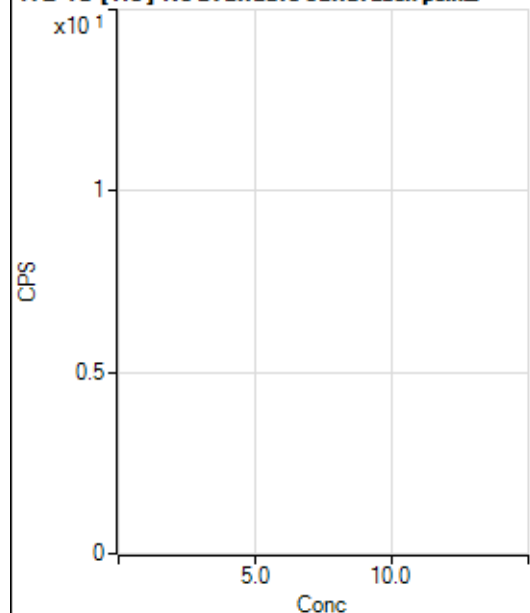
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐			38.89		P	61.9
3	☐			33.33		P	50.0
4	☐			61.11		P	31.5
5	☐			47.22		P	50.9
6	☐			69.45		P	42.1
7	☐			105.56		P	4.6
8	☐			63.89		P	39.8

164 Er [He] No available calibration points

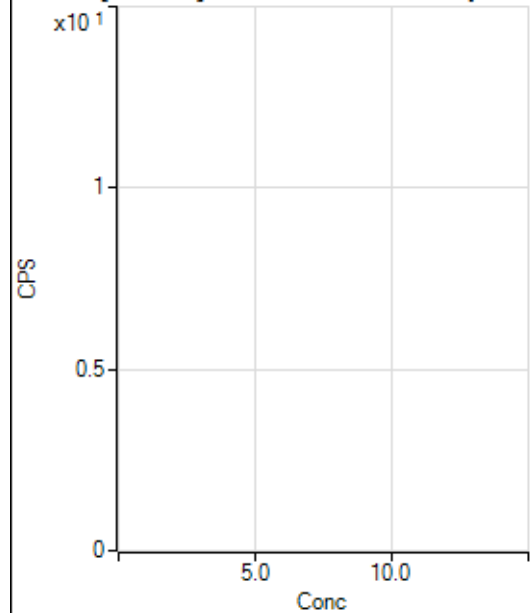
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐			26.66		P	21.7
3	☐			18.89		P	88.8
4	☐			21.11		P	9.1
5	☐			23.33		P	14.3
6	☐			34.44		P	40.3
7	☐			42.22		P	43.5
8	☐			27.78		P	36.7

172 Yb [No Gas] No available calibration points

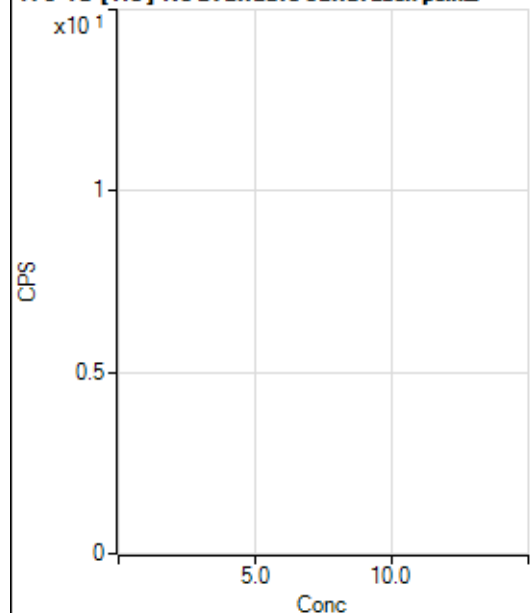
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	12.4
2	☐			36.11		P	26.7
3	☐			36.11		P	53.3
4	☐			52.78		P	55.5
5	☐			33.33		P	100.
6	☐			113.89		P	8.4
7	☐			158.34		P	10.5
8	☐			313.90		P	8.1

172 Yb [He] No available calibration points

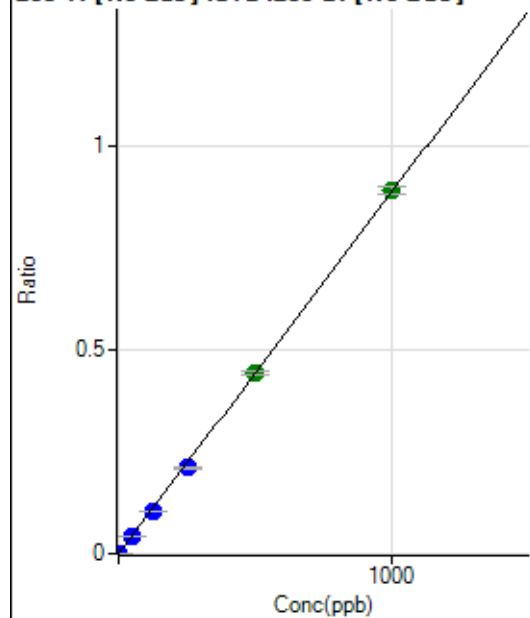
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.41		P	43.2
2	☐			24.07		P	66.6
3	☐			27.78		P	20.0
4	☐			14.82		P	21.7
5	☐			40.74		P	55.1
6	☐			44.44		P	45.1
7	☐			51.85		P	37.6
8	☐			162.97		P	34.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1458.46		P	11.0
2	☐			1427.89		P	11.4
3	☐			2164.13		P	5.8
4	☐			3136.58		P	1.5
5	☐			4662.04		P	1.5
6	☐			8705.87		P	2.5
7	☐			16146.42		P	2.2
8	☐			1639.04		P	3.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5443.83		P	8.0
2	☐			6166.37		P	0.7
3	☐			6142.28		P	3.1
4	☐			6977.89		P	1.1
5	☐			7281.77		P	3.1
6	☐			9195.95		P	0.8
7	☐			13052.96		P	3.0
8	☐			6410.94		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	40.8
2	☐	1.000	0.953	3472.78	0.0009	P	1.6
3	☐	50.000	48.482	171675.15	0.0431	P	1.3
4	☐	125.000	116.706	422958.91	0.1037	P	0.6
5	☐	250.000	237.291	856624.72	0.2108	P	1.5
6	☐	500.000	500.583	1776539.52	0.4448	A	1.4
7	☐	1000.000	1003.998	3594999.08	0.8920	A	2.0
8	☐			783.38	0.0002	P	2.6

$$y = 8.8846E-004 * x + 2.1271E-005$$

$$R = 0.9999$$

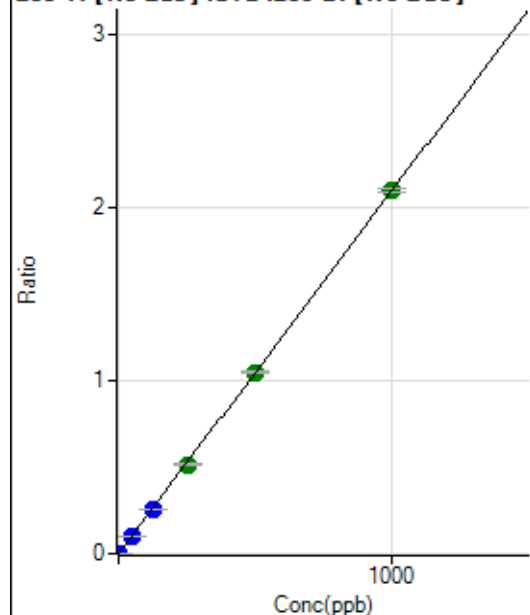
$$DL = 0.0293$$

$$BEC = 0.02394$$

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	208.34	0.0001	P	6.1
2	☐	1.000	0.944	8127.78	0.0020	P	5.6
3	☐	50.000	49.285	411518.91	0.1033	P	1.7
4	☐	125.000	119.956	1025138.16	0.2514	P	0.2
5	☐	250.000	245.843	2092731.77	0.5151	A	2.7
6	☐	500.000	501.124	4193773.10	1.0499	A	1.0
7	☐	1000.000	1001.144	8453281.18	2.0975	A	1.0
8	☐			1930.76	0.0005	P	7.1

$$y = 0.0021 * x + 5.2580E-005$$

$$R = 1.0000$$

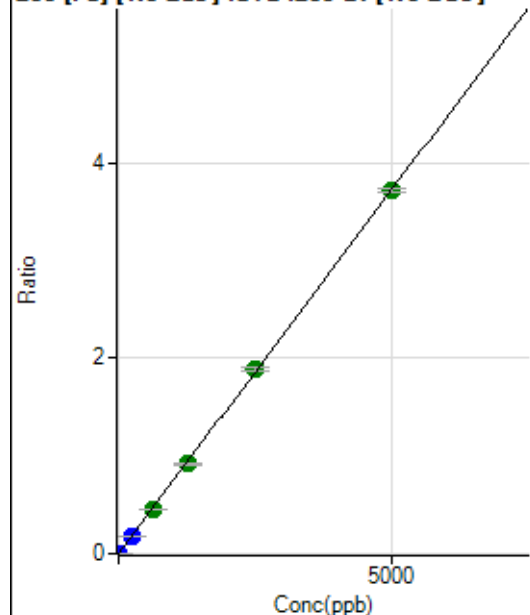
$$DL = 0.004567$$

$$BEC = 0.0251$$

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	370.38	0.0001	P	17.6
2	☐	1.000	0.913	3091.17	0.0008	P	1.7
3	☐	250.000	243.096	720595.98	0.1809	P	1.2
4	☐	625.000	612.232	1857322.16	0.4554	A	1.4
5	☐	1250.000	1232.591	3724773.46	0.9168	A	0.9
6	☐	2500.000	2535.408	7531331.30	1.8857	A	2.6
7	☐	5000.000	4988.589	14952329.27	3.7101	A	1.1
8	☐			3041.16	0.0008	P	3.2

$$y = 7.4370E-004 * x + 9.3880E-005$$

$$R = 1.0000$$

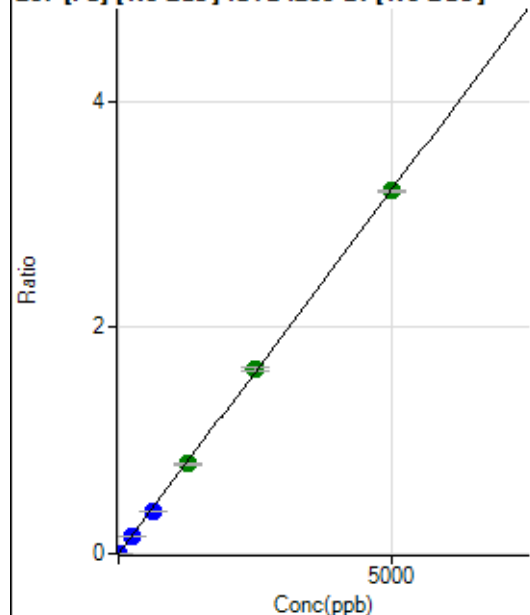
$$DL = 0.06653$$

$$BEC = 0.1262$$

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	327.79	0.0001	P	9.7
2	☐	1.000	0.966	2817.03	0.0007	P	4.4
3	☐	250.000	245.688	629682.74	0.1581	P	1.0
4	☐	625.000	582.667	1528306.99	0.3747	P	1.2
5	☐	1250.000	1238.323	3235248.48	0.7963	A	1.9
6	☐	2500.000	2538.355	6519898.99	1.6322	A	1.2
7	☐	5000.000	4989.249	12929283.86	3.2082	A	0.6
8	☐			2767.01	0.0007	P	9.4

$$y = 6.4300\text{E-}004 * x + 8.2631\text{E-}005$$

$$R = 0.9999$$

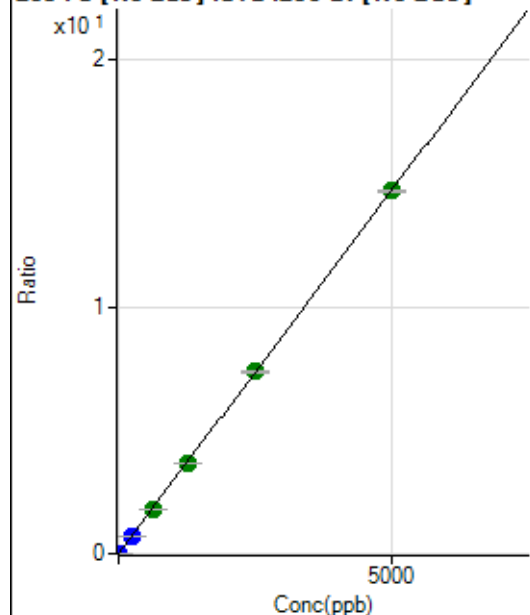
$$DL = 0.03749$$

$$BEC = 0.1285$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1407.47	0.0004	P	9.5
2	☐	1.000	0.930	12372.91	0.0031	P	2.3
3	☐	250.000	245.777	2883748.37	0.7239	P	1.0
4	☐	625.000	607.520	7295075.60	1.7888	A	0.9
5	☐	1250.000	1245.220	14893782.94	3.6660	A	2.0
6	☐	2500.000	2513.400	29555448.70	7.3992	A	1.2
7	☐	5000.000	4996.891	59282857.81	14.7100	A	0.7
8	☐			12335.91	0.0033	P	7.2

$$y = 0.0029 * x + 3.5550\text{E-}004$$

$$R = 1.0000$$

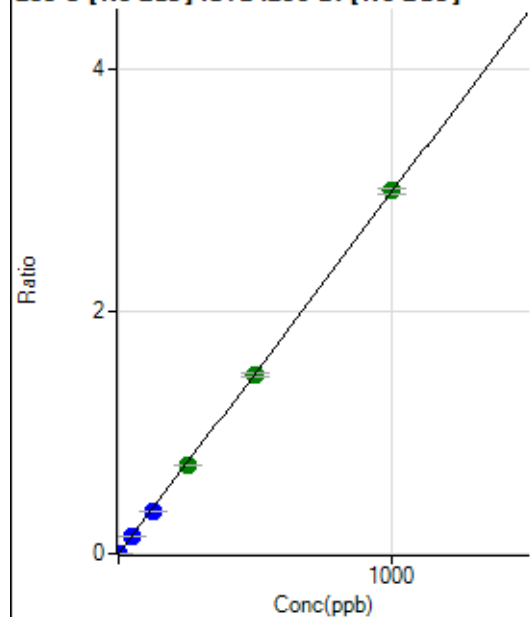
$$DL = 0.03454$$

$$BEC = 0.1208$$

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	38.89	0.0000	P	66.8
2	☐	1.000	0.949	11333.16	0.0028	P	3.9
3	☐	50.000	48.791	578521.52	0.1452	P	0.9
4	☐	125.000	116.806	1417756.52	0.3476	P	1.3
5	☐	250.000	246.052	2975373.96	0.7323	A	1.1
6	☐	500.000	495.183	5886008.94	1.4737	A	2.6
7	☐	1000.000	1004.480	12047149.23	2.9894	A	1.4
8	☐			952.85	0.0003	P	14.1

$$y = 0.0030 * x + 1.0008E-005$$

$$R = 0.9999$$

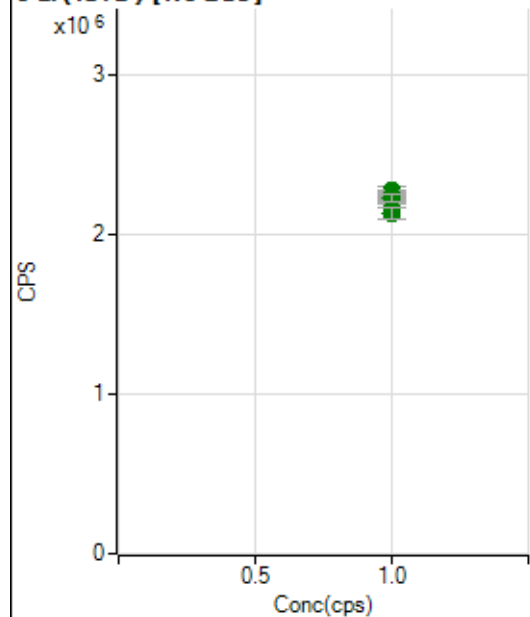
$$DL = 0.006734$$

$$BEC = 0.003363$$

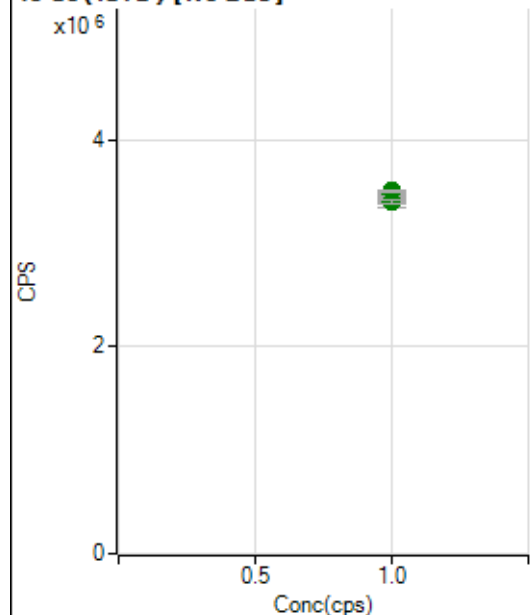
Weight: <None>

Min Conc: 0

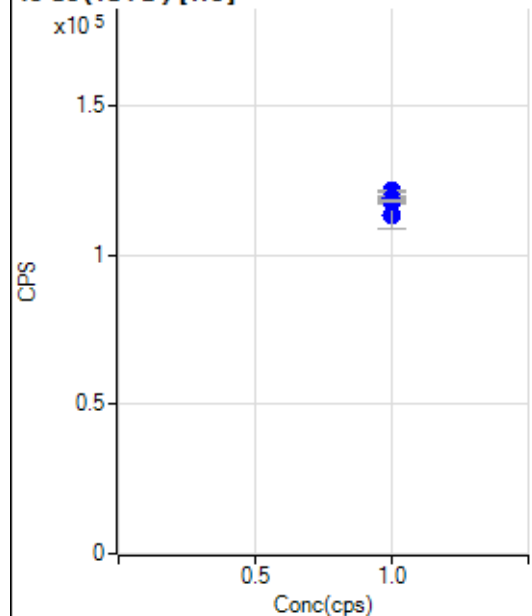
6 Li (ISTD) [No Gas]



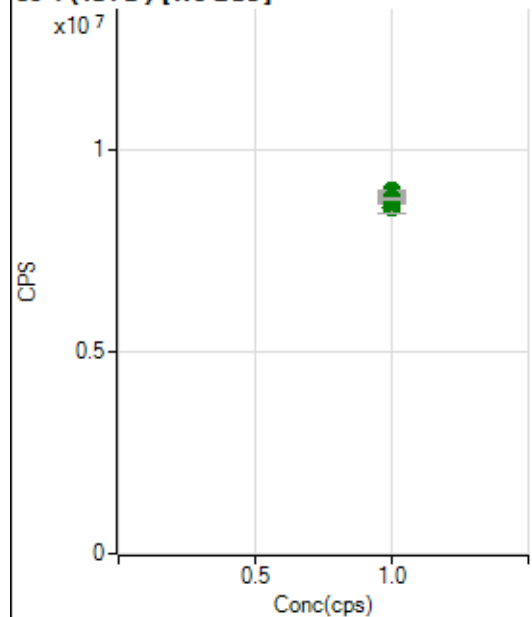
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2255013.85		A	1.7
2	☐	1.000		2246820.14		A	1.5
3	☐	1.000		2256683.26		A	3.4
4	☐	1.000		2271331.79		A	0.8
5	☐	1.000		2244618.70		A	1.0
6	☐	1.000		2208129.38		A	1.7
7	☐	1.000		2227455.66		A	2.3
8	☐	1.000		2128981.25		A	3.3

45 Sc (ISTD) [No Gas]

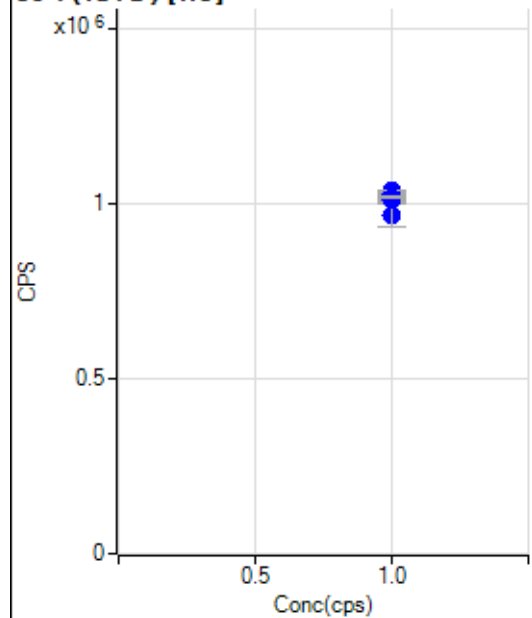
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3412965.64		A	3.6
2	☐	1.000		3439322.87		A	0.9
3	☐	1.000		3406243.01		A	3.4
4	☐	1.000		3418209.98		A	0.6
5	☐	1.000		3483901.82		A	1.0
6	☐	1.000		3472229.53		A	0.9
7	☐	1.000		3504776.02		A	0.4
8	☐	1.000		3394257.38		A	1.2

45 Sc (ISTD) [He]

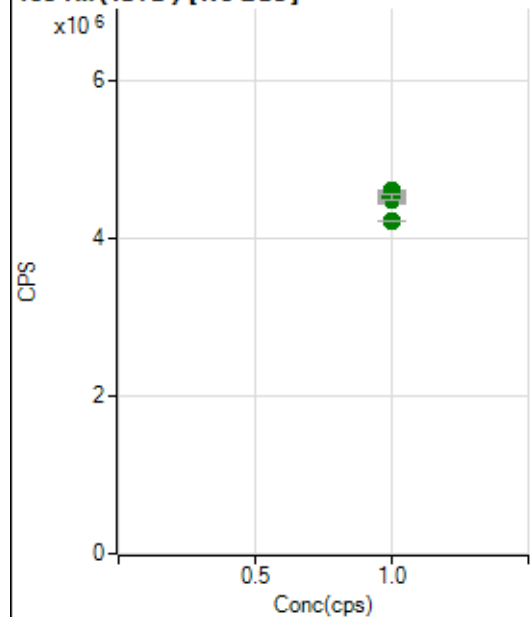
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		113135.88		P	7.6
2	☐	1.000		119240.99		P	0.3
3	☐	1.000		121359.76		P	0.8
4	☐	1.000		118887.22		P	1.2
5	☐	1.000		118555.13		P	1.3
6	☐	1.000		117570.04		P	0.9
7	☐	1.000		118943.63		P	1.3
8	☐	1.000		117986.80		P	0.3

89 Y (ISTD) [No Gas]

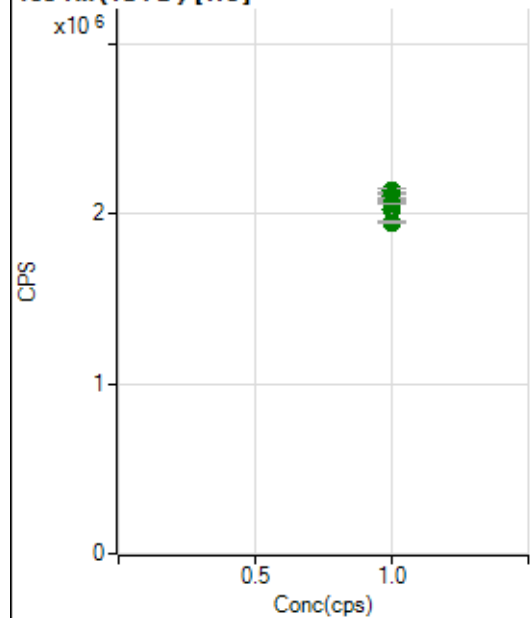
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8561170.78		A	3.1
2	☐	1.000		8711633.55		A	1.1
3	☐	1.000		8729637.58		A	1.2
4	☐	1.000		8796949.66		A	2.5
5	☐	1.000		8834772.44		A	0.2
6	☐	1.000		8770963.34		A	1.3
7	☐	1.000		8985630.01		A	0.5
8	☐	1.000		8787355.56		A	0.4

89 Y (ISTD) [He]

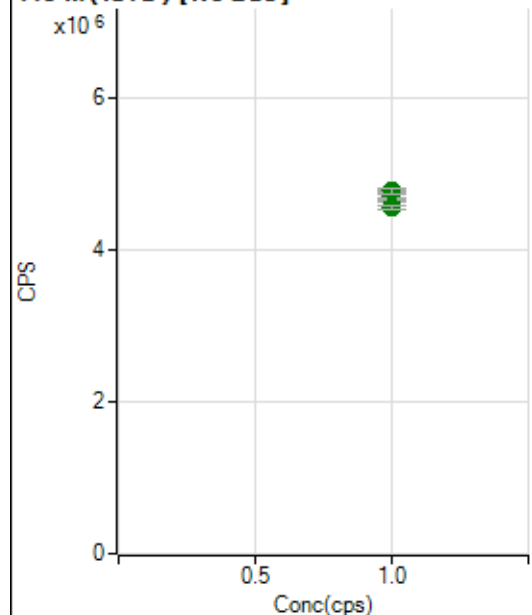
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		965233.10		P	6.7
2	☐	1.000		1021011.22		P	1.1
3	☐	1.000		1035788.89		P	0.3
4	☐	1.000		1024555.16		P	2.1
5	☐	1.000		1017018.57		P	1.2
6	☐	1.000		1010080.87		P	1.0
7	☐	1.000		1018269.05		P	0.8
8	☐	1.000		1016205.17		P	0.6

103 Rh (ISTD) [No Gas]

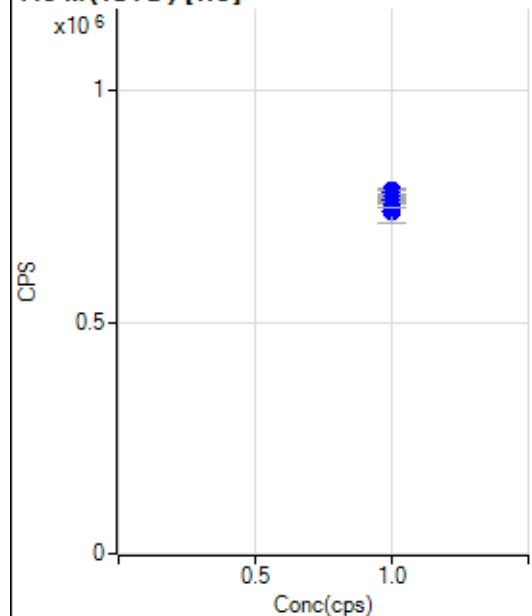
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4476764.16		A	2.2
2	☐	1.000		4595033.96		A	0.8
3	☐	1.000		4538671.85		A	1.2
4	☐	1.000		4528020.20		A	0.4
5	☐	1.000		4550578.66		A	1.0
6	☐	1.000		4497063.47		A	1.5
7	☐	1.000		4521105.35		A	1.8
8	☐	1.000		4221551.44		A	0.1

103 Rh (ISTD) [He]

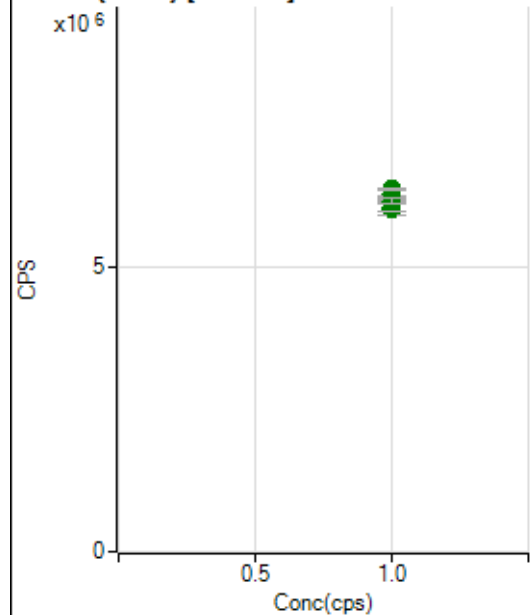
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2022287.70		A	7.1
2	☐	1.000		2115596.55		A	0.5
3	☐	1.000		2133202.99		A	1.5
4	☐	1.000		2093790.91		A	2.8
5	☐	1.000		2098681.27		A	1.6
6	☐	1.000		2086777.05		A	0.8
7	☐	1.000		2058555.99		A	0.5
8	☐	1.000		1947591.76		A	0.6

115 In (ISTD) [No Gas]

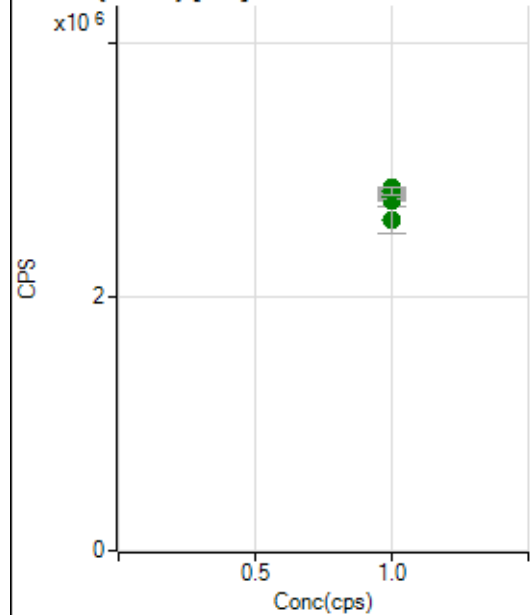
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4661908.87		A	3.7
2	☐	1.000		4714151.89		A	2.4
3	☐	1.000		4716835.19		A	3.4
4	☐	1.000		4754713.15		A	0.7
5	☐	1.000		4762819.66		A	0.4
6	☐	1.000		4678305.11		A	0.5
7	☐	1.000		4778369.93		A	1.6
8	☐	1.000		4560332.72		A	1.4

115 In (ISTD) [He]

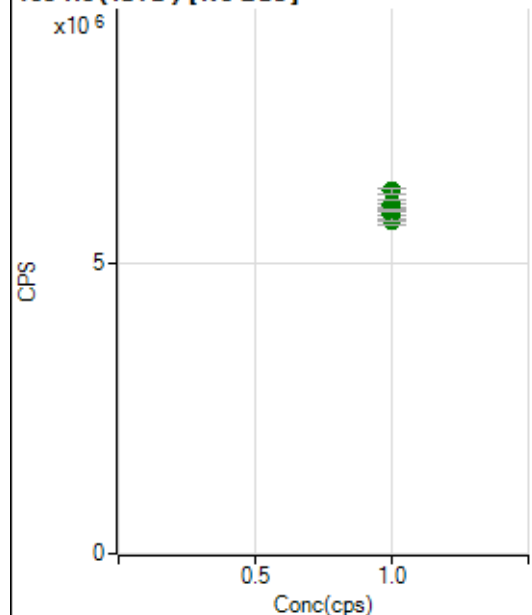
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		739583.08		P	6.5
2	☐	1.000		777988.36		P	0.4
3	☐	1.000		784440.86		P	1.3
4	☐	1.000		780337.63		P	1.4
5	☐	1.000		775073.92		P	0.8
6	☐	1.000		763812.71		P	1.0
7	☐	1.000		758433.65		P	0.8
8	☐	1.000		748431.57		P	0.4

159 Tb (ISTD) [No Gas]

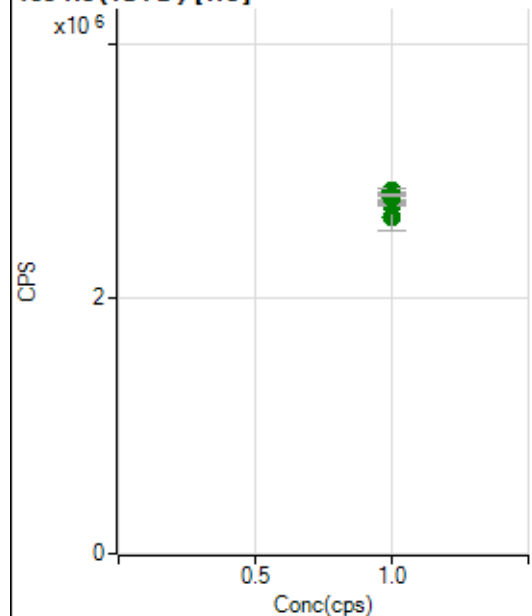
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6025678.59		A	3.3
2	☐	1.000		6174104.91		A	1.0
3	☐	1.000		6079000.12		A	2.9
4	☐	1.000		6157199.42		A	0.9
5	☐	1.000		6270950.32		A	0.5
6	☐	1.000		6289771.85		A	3.0
7	☐	1.000		6394027.48		A	0.8
8	☐	1.000		6179272.68		A	1.6

159 Tb (ISTD) [He]

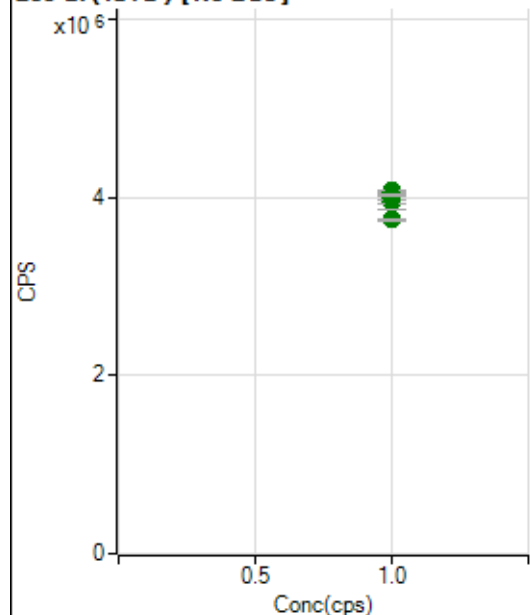
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2610050.29		A	7.8
2	☐	1.000		2782084.61		A	0.4
3	☐	1.000		2844798.88		A	1.5
4	☐	1.000		2828502.94		A	0.5
5	☐	1.000		2766044.20		A	0.7
6	☐	1.000		2800467.04		A	1.5
7	☐	1.000		2863899.02		A	0.8
8	☐	1.000		2837821.90		A	2.0

165 Ho (ISTD) [No Gas]

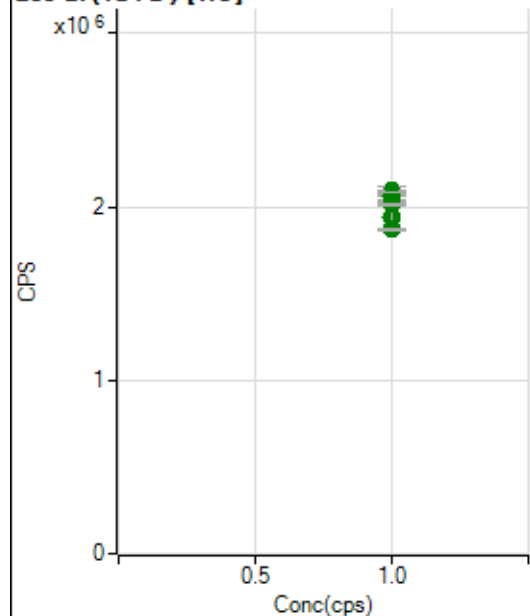
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5742301.39		A	2.8
2	☐	1.000		5834259.89		A	2.7
3	☐	1.000		5853535.46		A	3.6
4	☐	1.000		5939488.76		A	0.6
5	☐	1.000		5989604.08		A	1.1
6	☐	1.000		6032297.23		A	1.9
7	☐	1.000		6252444.15		A	1.8
8	☐	1.000		5918681.73		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2646900.93		A	8.1
2	☐	1.000		2734770.91		A	0.7
3	☐	1.000		2794175.62		A	1.3
4	☐	1.000		2817375.96		A	1.1
5	☐	1.000		2812671.83		A	2.1
6	☐	1.000		2846641.14		A	1.3
7	☐	1.000		2829751.97		A	2.2
8	☐	1.000		2812561.07		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3963744.73		A	4.4
2	☐	1.000		4001081.43		A	0.8
3	☐	1.000		3984318.69		A	2.0
4	☐	1.000		4078230.56		A	0.4
5	☐	1.000		4063122.61		A	0.8
6	☐	1.000		3994501.43		A	0.9
7	☐	1.000		4030046.57		A	0.4
8	☐	1.000		3756591.40		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1935083.65		A	7.4
2	☐	1.000		2044538.56		A	1.4
3	☐	1.000		2091832.17		A	2.5
4	☐	1.000		2081570.32		A	1.2
5	☐	1.000		2060936.46		A	1.8
6	☐	1.000		2034446.15		A	0.6
7	☐	1.000		2016596.62		A	0.6
8	☐	1.000		1869428.59		A	0.8