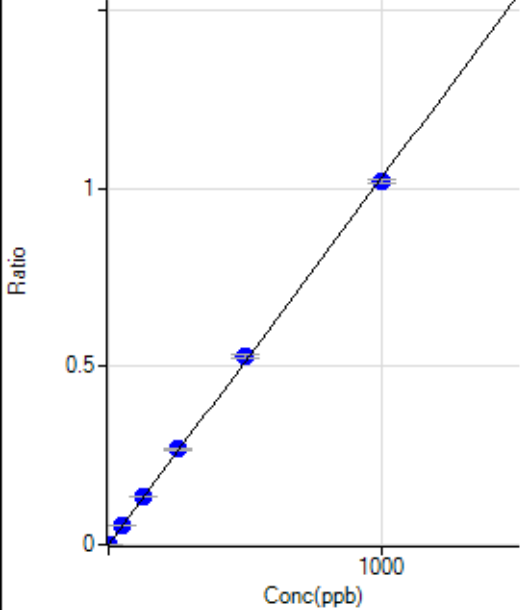


Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101724-MS1.b\
 Analysis File: P7101724-MS1.batch.bin
 DA Date-Time: 2024-10-18 00:46:20
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-17 16:19:52
2	005CALS.d	S02	2024-10-17 16:23:14
3	006CALS.d	S03	2024-10-17 16:26:38
4	007CALS.d	S04	2024-10-17 16:29:55
5	008CALS.d	S05	2024-10-17 16:33:04
6	009CALS.d	S06	2024-10-17 16:36:06
7	011CALS.d	S07	2024-10-17 16:41:54
8	012CALS.d	S08	2024-10-17 16:44:46

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0000	P	8.8
2	☐	1.000	1.114	891.14	0.0012	P	5.1
3	☐	50.000	52.748	41139.82	0.0543	P	1.9
4	☐	125.000	131.059	100883.06	0.1348	P	0.8
5	☐	250.000	260.800	196602.20	0.2682	P	1.1
6	☐	500.000	513.679	380720.33	0.5282	P	1.5
7	☐	1000.000	989.565	753418.05	1.0175	P	1.0
8	☐			465.57	0.0006	P	9.1

$y = 0.0010 * x + 2.8125E-005$

$R = 0.9998$

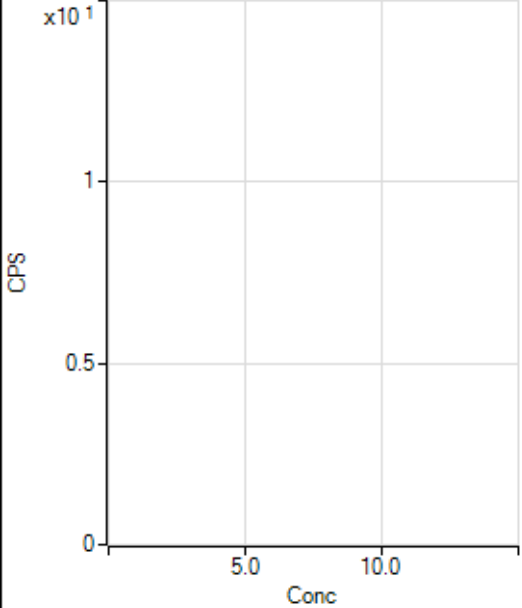
$DL = 0.007191$

$BEC = 0.02735$

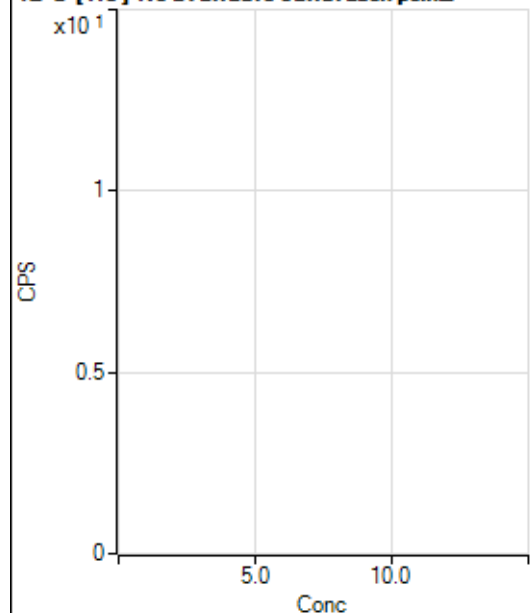
Weight: <None>

Min Conc: 0

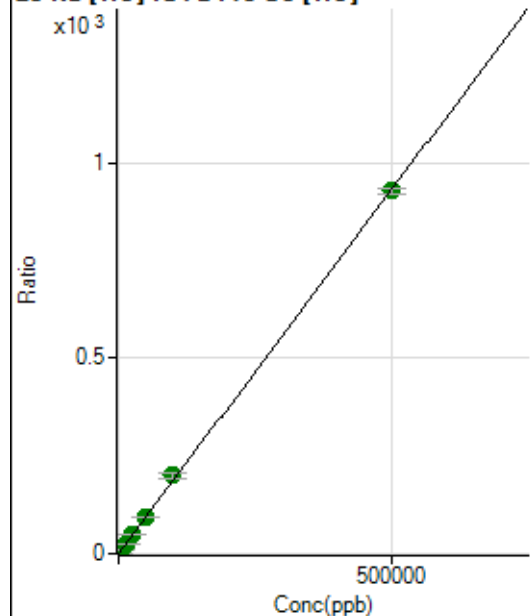
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5076.44	0.0404	P	6.0
2	☐	500.000	530.939	135147.88	1.0282	P	1.1
3	☐	5000.000	5151.925	1261178.90	9.6253	A	0.9
4	☐	12500.000	12777.523	3086671.65	23.8123	A	1.9
5	☐	25000.000	25842.839	6095280.81	48.1196	A	0.5
6	☐	50000.000	50708.272	11927114.41	94.3803	A	1.4
7	☐	100000.00	107128.85	24318460.75	199.3475	A	6.7
8	☐	500000.00	498452.77	118366018.2	927.3832	A	1.7

$$y = 0.0019 * x + 0.0404$$

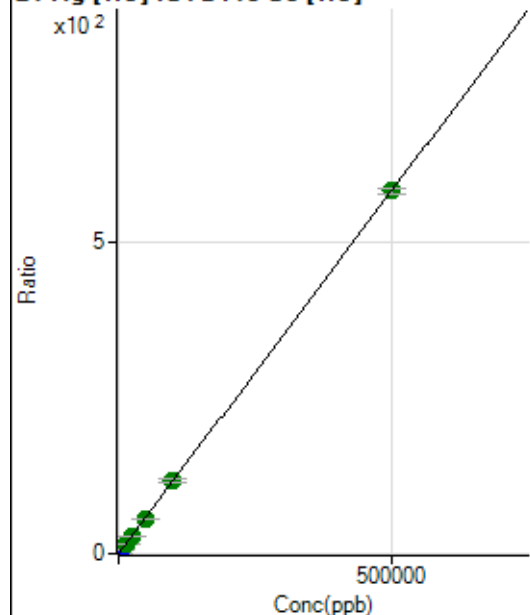
$$R = 0.9999$$

$$DL = 3.895$$

$$BEC = 21.74$$

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	1098.94	0.0087	P	6.1
2	☐	500.000	536.032	83410.01	0.6346	P	1.5
3	☐	5000.000	5086.349	779273.47	5.9475	P	1.2
4	☐	12500.000	12079.299	1829367.51	14.1124	A	1.0
5	☐	25000.000	24101.638	3565687.69	28.1495	A	0.5
6	☐	50000.000	47269.371	6975791.98	55.1999	A	1.4
7	☐	100000.00	100605.83	14327039.65	117.4749	A	7.3
8	☐	500000.00	500206.43	74545447.78	584.0439	A	1.5

$$y = 0.0012 * x + 0.0087$$

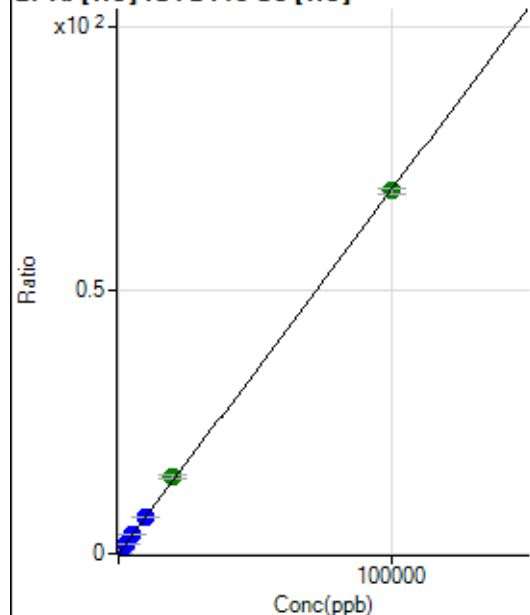
$$R = 1.0000$$

$$DL = 1.366$$

$$BEC = 7.492$$

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	71.11	0.0006	P	13.1
2	☐	20.000	20.604	1942.36	0.0148	P	3.5
3	☐	1000.000	1064.438	96309.61	0.7350	P	0.9
4	☐	2500.000	2595.394	232220.44	1.7914	P	0.6
5	☐	5000.000	5212.310	455641.28	3.5971	P	0.5
6	☐	10000.000	10204.111	889855.88	7.0415	P	1.1
7	☐	20000.000	21083.444	1774761.87	14.5483	A	6.8
8	☐	100000.00	99749.255	8785157.86	68.8283	A	1.4

$$y = 6.9001E-004 * x + 5.6281E-004$$

$$R = 0.9999$$

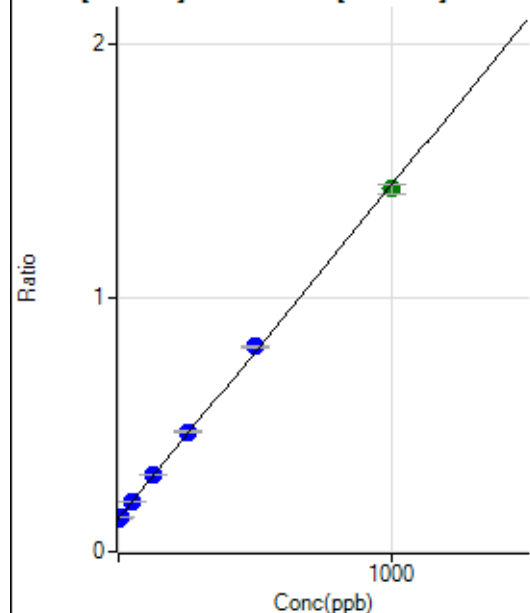
$$DL = 0.3208$$

$$BEC = 0.8157$$

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	192476.41	0.1309	P	0.4
2	☐	10.000	3.457	202346.14	0.1354	P	0.7
3	☐	50.000	51.414	296594.45	0.1985	P	2.0
4	☐	125.000	130.768	445535.95	0.3028	P	1.1
5	☐	250.000	259.889	682508.53	0.4725	P	1.6
6	☐	500.000	516.770	1143821.13	0.8101	P	0.8
7	☐	1000.000	988.416	2062109.29	1.4300	A	2.3
8	☐			198074.08	0.1393	P	1.9

$$y = 0.0013 * x + 0.1309$$

$$R = 0.9997$$

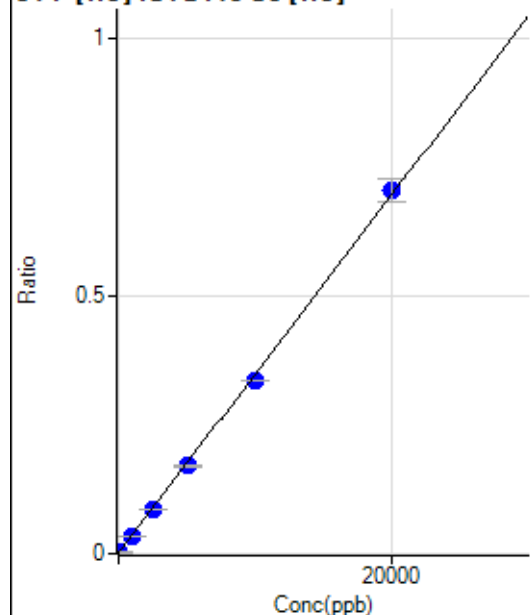
$$DL = 1.274$$

$$BEC = 99.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.560	111.11	0.0009	P	0.6
2	☐	0.000	14.560	248.89	0.0019	P	3.6
3	☐	1000.000	965.535	4574.07	0.0349	P	0.9
4	☐	2500.000	2442.512	11171.95	0.0862	P	0.6
5	☐	5000.000	4880.833	21642.03	0.1708	P	1.8
6	☐	10000.000	9606.586	42322.73	0.3349	P	0.5
7	☐	20000.000	20235.408	85875.69	0.7039	P	6.5
8	☐			142.23	0.0011	P	14.1

$$y = 3.4716E-005 * x + 0.0014$$

$$R = 0.9997$$

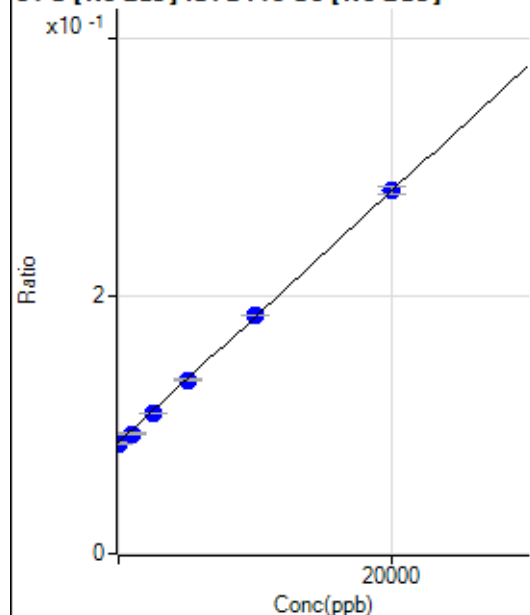
$$DL = 3.213$$

$$BEC = 39.99$$

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	89.429	128443.01	0.0874	P	0.6
2	☐	0.000	-89.429	127891.90	0.0856	P	1.3
3	☐	1000.000	649.710	138710.46	0.0928	P	1.4
4	☐	2500.000	2311.743	160432.05	0.1090	P	0.2
5	☐	5000.000	4975.900	195023.13	0.1350	P	1.1
6	☐	10000.000	10094.949	261105.47	0.1849	P	0.2
7	☐	20000.000	19999.597	405959.33	0.2815	P	2.2
8	☐			109779.56	0.0772	P	2.5

$$y = 9.7518\text{E-}006 * x + 0.0865$$

$$R = 0.9998$$

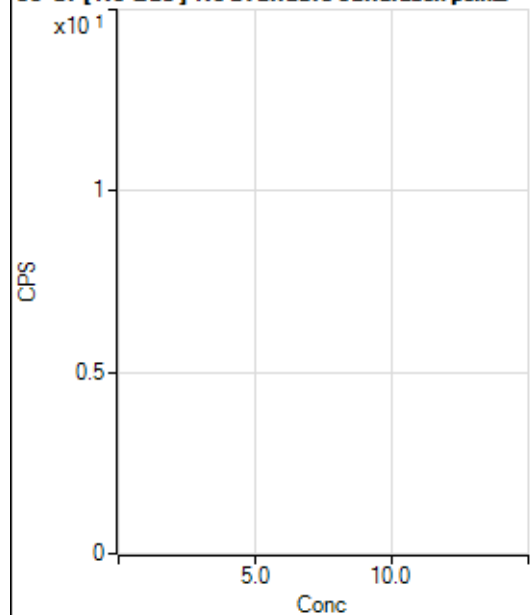
$$DL = 251.1$$

$$BEC = 8868$$

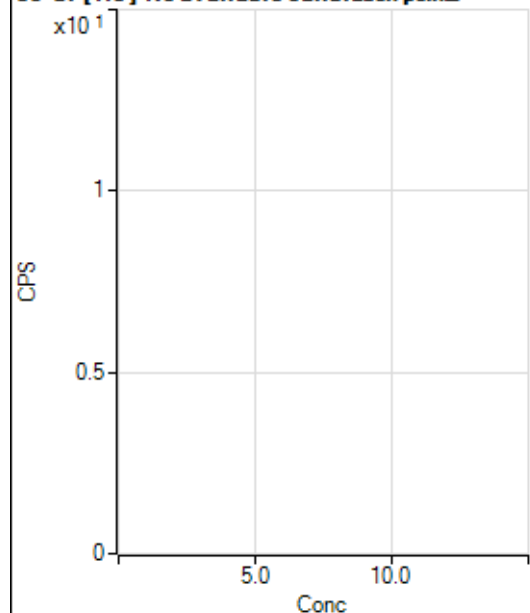
Weight: <None>

Min Conc: 0

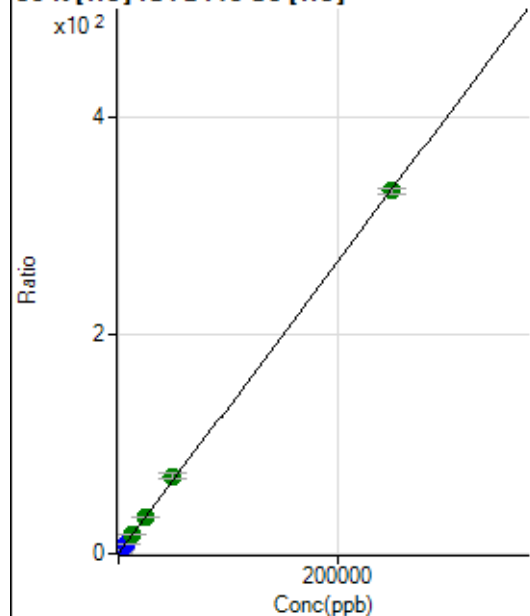
35 Cl [No Gas] No available calibration points



	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	33717.31	0.2686	P	6.4
2	☐	500.000	539.015	129556.37	0.9857	P	1.6
3	☐	2500.000	2781.056	519970.39	3.9684	P	1.0
4	☐	6250.000	6930.036	1229948.23	9.4881	P	0.5
5	☐	12500.000	12766.131	2185173.28	17.2522	A	1.8
6	☐	25000.000	25253.958	4279750.14	33.8655	A	0.6
7	☐	50000.000	53251.484	8673419.52	71.1124	A	7.2
8	☐	250000.00	249291.11	42364444.37	331.9160	A	1.9

$$y = 0.0013 * x + 0.2686$$

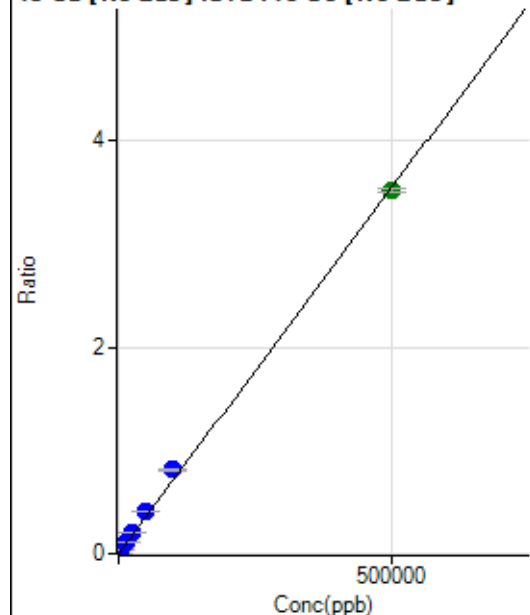
$$R = 0.9999$$

$$DL = 38.47$$

$$BEC = 201.9$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	151.12	0.0001	P	24.6
2	☐	500.000	542.330	5895.64	0.0039	P	0.9
3	☐	5000.000	5894.725	62586.15	0.0419	P	1.3
4	☐	12500.000	14584.819	152252.38	0.1035	P	0.4
5	☐	25000.000	28932.739	296354.20	0.2052	P	1.0
6	☐	50000.000	57734.091	577862.14	0.4093	P	0.6
7	☐	100000.00	114883.79	1174239.29	0.8143	P	2.3
8	☐	500000.00	495992.08	4998045.48	3.5152	A	0.9

$$y = 7.0870\text{E-}006 * x + 1.0277\text{E-}004$$

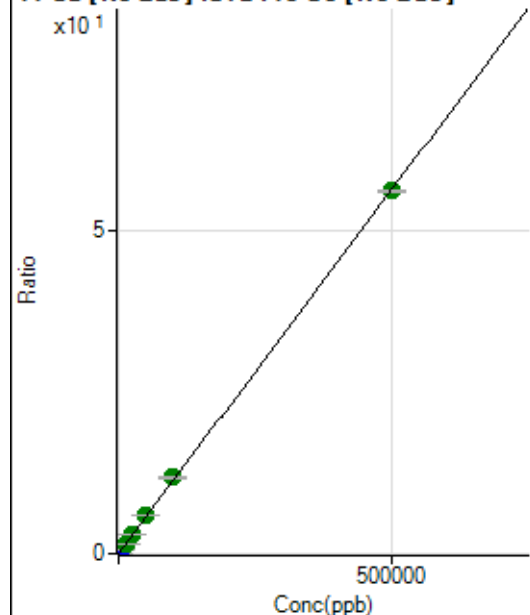
$$R = 0.9995$$

$$DL = 10.7$$

$$BEC = 14.5$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2566.93	0.0017	P	5.6
2	☐	500.000	546.809	94335.34	0.0631	P	1.8
3	☐	5000.000	5738.427	965596.37	0.6461	P	1.4
4	☐	12500.000	13215.432	2186287.80	1.4857	A	1.1
5	☐	25000.000	26415.034	4287412.16	2.9680	A	1.0
6	☐	50000.000	52852.161	8382245.08	5.9367	A	0.8
7	☐	100000.00	104443.30	16914370.72	11.7300	A	2.6
8	☐	500000.00	498730.05	79630077.14	56.0055	A	0.5

$$y = 1.1229\text{E-}004 * x + 0.0017$$

$$R = 1.0000$$

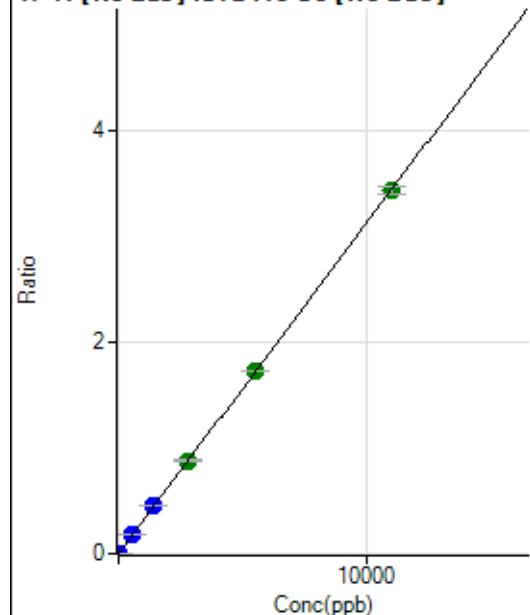
$$DL = 2.612$$

$$BEC = 15.55$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.5
2	☐	5.000	5.264	2495.79	0.0017	P	7.0
3	☐	550.000	581.643	272045.16	0.1820	P	1.9
4	☐	1375.000	1444.149	665080.79	0.4520	P	0.8
5	☐	2750.000	2802.231	1266800.65	0.8770	A	1.9
6	☐	5500.000	5519.775	2439073.12	1.7274	A	0.6
7	☐	11000.000	10966.829	4949411.25	3.4321	A	2.0
8	☐			642.24	0.0005	P	1.8

$$y = 3.1295E-004 * x + 2.2671E-005$$

$$R = 1.0000$$

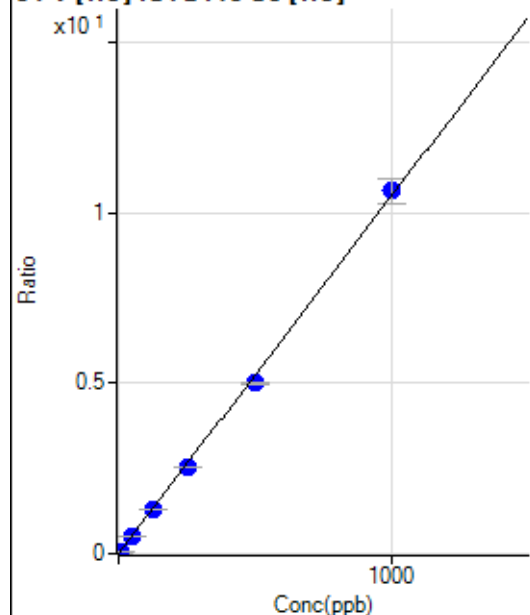
$$DL = 0.05759$$

$$BEC = 0.07244$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	5.8
2	☐	5.000	4.938	6819.39	0.0519	P	0.8
3	☐	50.000	48.768	67091.54	0.5121	P	2.3
4	☐	125.000	121.970	166019.79	1.2807	P	0.4
5	☐	250.000	241.380	321041.57	2.5345	P	0.7
6	☐	500.000	477.033	632991.79	5.0089	P	1.1
7	☐	1000.000	1014.079	1298801.72	10.6479	P	7.0
8	☐			375.56	0.0029	P	9.6

$$y = 0.0105 * x + 2.6525E-005$$

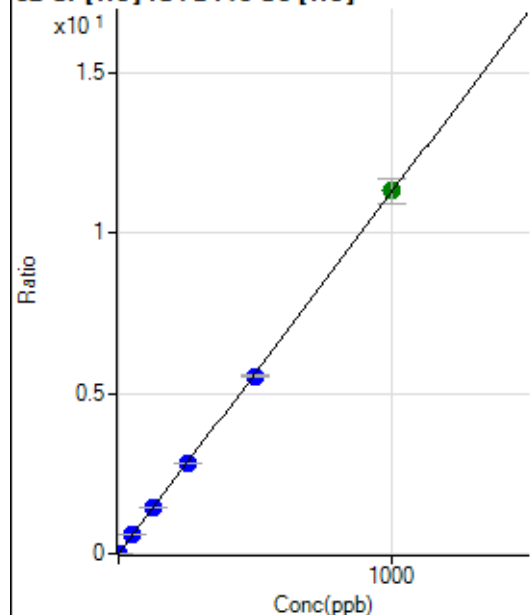
$$R = 0.9996$$

$$DL = 0.0004384$$

$$BEC = 0.002526$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0015	P	14.2
2	☐	2.000	2.030	3193.70	0.0243	P	2.5
3	☐	50.000	51.083	75494.38	0.5762	P	0.7
4	☐	125.000	126.066	184045.63	1.4197	P	0.3
5	☐	250.000	250.606	357302.53	2.8208	P	1.0
6	☐	500.000	490.882	698096.23	5.5240	P	0.6
7	☐	1000.000	1004.220	1378501.56	11.2991	A	6.6
8	☐			4520.86	0.0354	P	2.7

$$y = 0.0113 * x + 0.0015$$

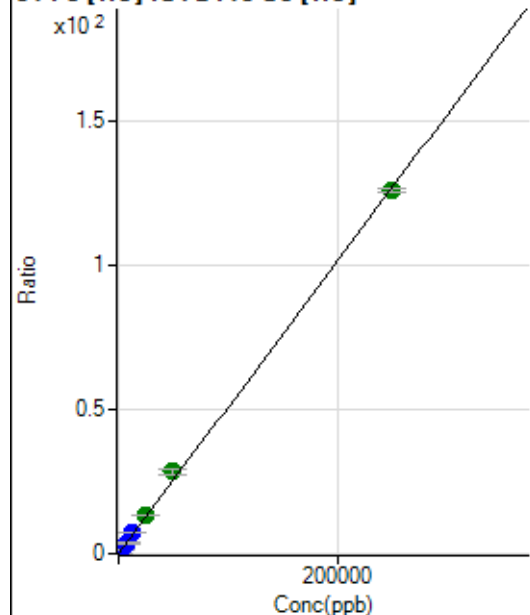
$$R = 0.9999$$

$$DL = 0.05521$$

$$BEC = 0.1299$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	808.92	0.0064	P	10.7
2	☐	50.000	59.174	4778.58	0.0364	P	1.6
3	☐	2500.000	2928.896	194826.43	1.4870	P	1.6
4	☐	6250.000	7221.329	474036.81	3.6568	P	0.3
5	☐	12500.000	14402.328	922984.36	7.2867	P	1.0
6	☐	25000.000	26809.580	1713464.47	13.5585	A	1.1
7	☐	50000.000	56380.991	3477118.77	28.5066	A	7.0
8	☐	250000.00	248419.15	16029364.62	125.5806	A	1.0

$$y = 5.0549E-004 * x + 0.0064$$

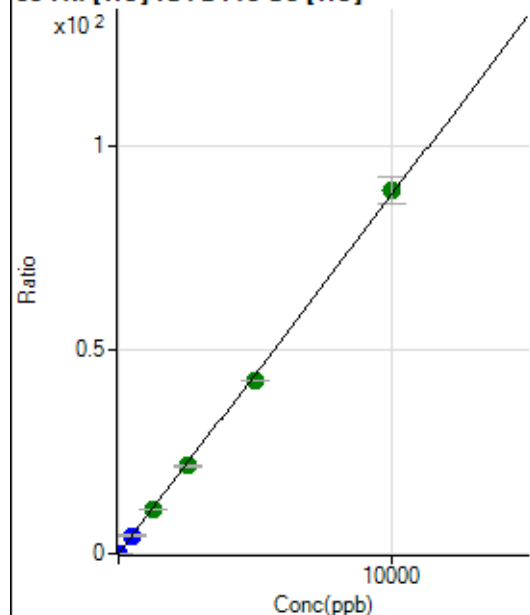
$$R = 0.9996$$

$$DL = 4.077$$

$$BEC = 12.75$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.22	0.0007	P	4.7
2	☐	1.000	0.978	1218.95	0.0093	P	4.4
3	☐	500.000	507.417	585919.55	4.4719	P	1.4
4	☐	1250.000	1214.558	1387424.25	10.7030	A	0.8
5	☐	2500.000	2441.806	2725602.84	21.5171	A	1.0
6	☐	5000.000	4813.642	5360525.96	42.4171	A	0.5
7	☐	10000.000	10111.787	10866742.06	89.1028	A	7.4
8	☐			5801.17	0.0454	P	1.3

$$y = 0.0088 * x + 6.5319E-004$$

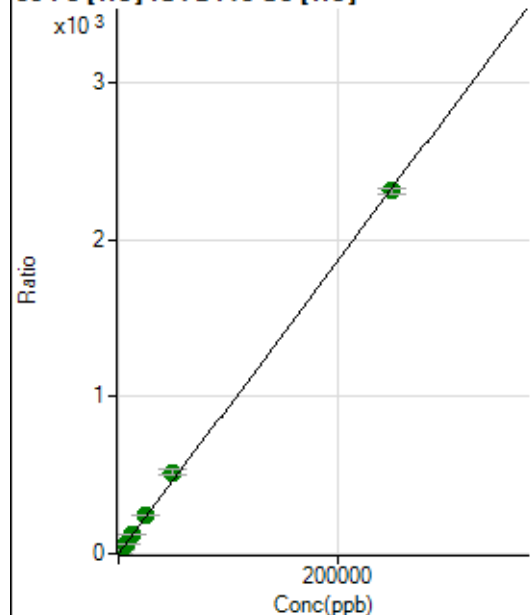
$$R = 0.9997$$

$$DL = 0.01038$$

$$BEC = 0.07413$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4445.14	0.0353	P	1.0
2	☐	50.000	56.872	74064.38	0.5635	P	1.0
3	☐	2500.000	2694.175	3282784.43	25.0547	A	1.3
4	☐	6250.000	6729.578	8105899.81	62.5292	A	0.8
5	☐	12500.000	13335.615	15690970.05	123.8758	A	0.9
6	☐	25000.000	26378.100	30961456.20	244.9941	A	0.3
7	☐	50000.000	55608.997	62995862.95	516.4453	A	7.0
8	☐	250000.00	248684.67	294770055.6	2309.432	A	1.7

$$y = 0.0093 * x + 0.0353$$

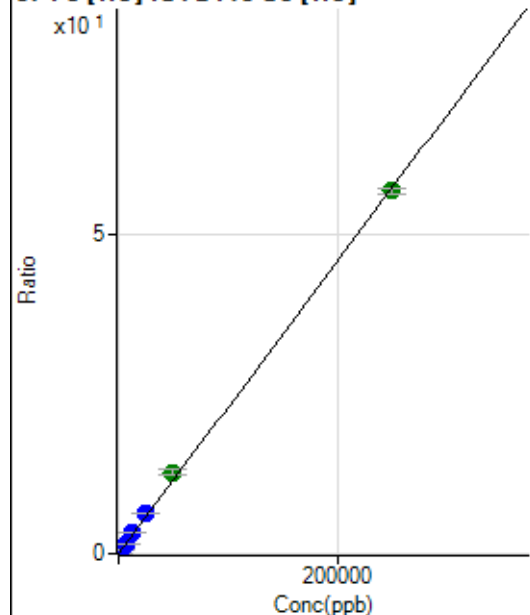
$$R = 0.9997$$

$$DL = 0.1089$$

$$BEC = 3.806$$

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	570.93	0.0045	P	2.2
2	☐	50.000	56.652	2298.67	0.0175	P	0.8
3	☐	2500.000	2863.185	86324.41	0.6588	P	0.7
4	☐	6250.000	7111.524	211241.44	1.6296	P	0.5
5	☐	12500.000	14174.358	410824.30	3.2435	P	1.3
6	☐	25000.000	27854.965	804946.05	6.3695	P	0.9
7	☐	50000.000	55599.370	1550466.80	12.7093	A	6.7
8	☐	250000.00	248485.74	7247805.38	56.7847	A	1.5

$$y = 2.2850\text{E-}004 * x + 0.0045$$

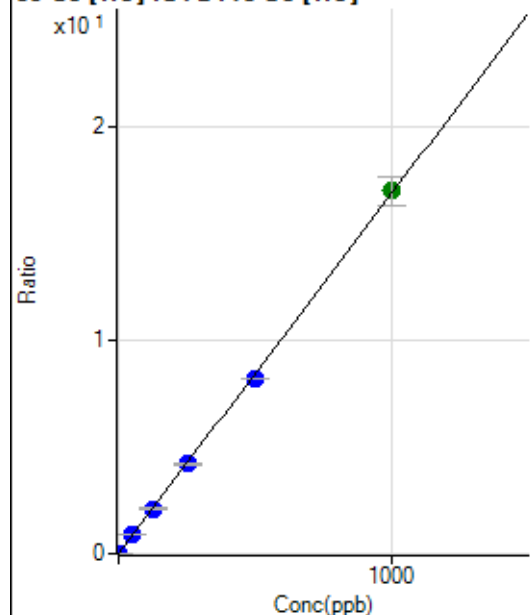
$$R = 0.9997$$

$$DL = 1.32$$

$$BEC = 19.87$$

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	13.33	0.0001	P	47.6
2	☐	1.000	1.043	2324.64	0.0177	P	3.6
3	☐	50.000	51.013	112743.61	0.8605	P	1.0
4	☐	125.000	125.278	273906.26	2.1130	P	0.7
5	☐	250.000	248.864	531650.91	4.1973	P	1.2
6	☐	500.000	485.548	1034906.57	8.1891	P	0.2
7	☐	1000.000	1007.425	2071870.04	16.9908	A	7.7
8	☐			5369.89	0.0421	P	1.9

$$y = 0.0169 * x + 1.0469\text{E-}004$$

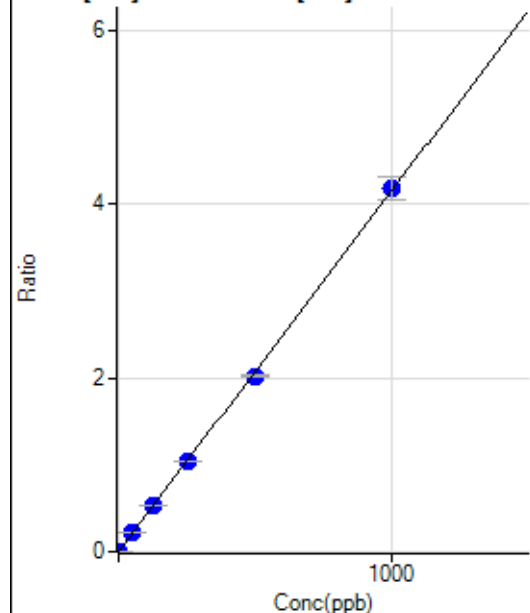
$$R = 0.9998$$

$$DL = 0.008856$$

$$BEC = 0.006207$$

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	56.67	0.0004	P	12.5
2	☐	1.000	1.017	613.35	0.0047	P	3.8
3	☐	50.000	52.529	28603.97	0.2183	P	2.8
4	☐	125.000	126.195	67913.89	0.5239	P	1.1
5	☐	250.000	251.718	132312.77	1.0445	P	0.5
6	☐	500.000	487.434	255566.83	2.0223	P	0.4
7	☐	1000.000	1005.578	508936.76	4.1715	P	6.5
8	☐			1922.37	0.0151	P	5.4

$$y = 0.0041 * x + 4.4849E-004$$

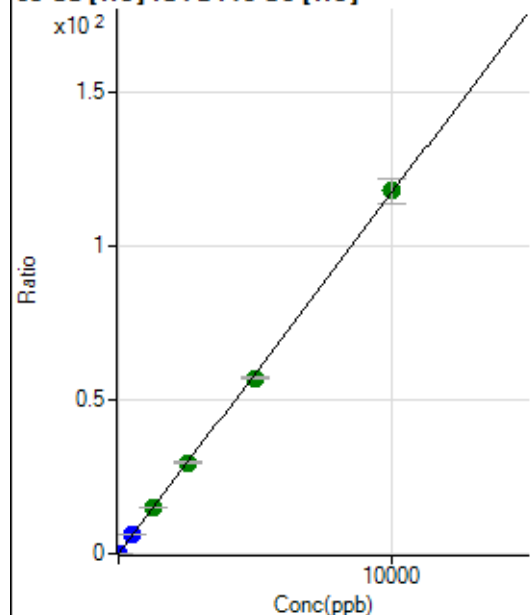
$$R = 0.9999$$

$$DL = 0.04045$$

$$BEC = 0.1081$$

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	544.46	0.0043	P	1.4
2	☐	2.000	1.945	3563.80	0.0271	P	1.9
3	☐	500.000	516.283	793019.97	6.0525	P	1.4
4	☐	1250.000	1274.155	1935512.80	14.9308	A	0.5
5	☐	2500.000	2514.849	3732116.20	29.4654	A	1.5
6	☐	5000.000	4859.559	7194828.37	56.9333	A	1.3
7	☐	10000.000	10062.675	14381484.79	117.8869	A	6.7
8	☐			3308.17	0.0259	P	3.5

$$y = 0.0117 * x + 0.0043$$

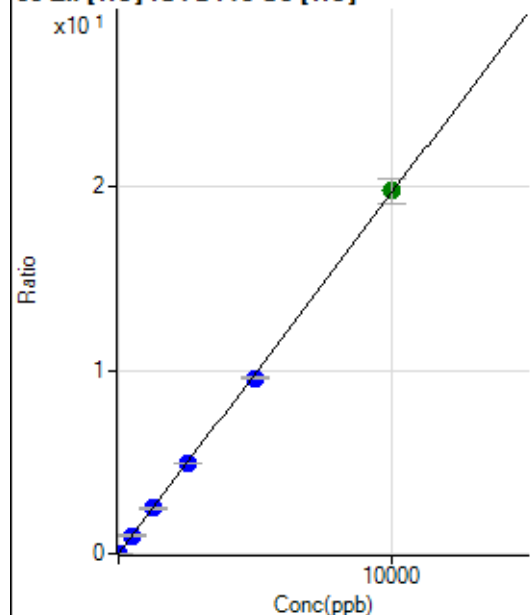
$$R = 0.9998$$

$$DL = 0.01586$$

$$BEC = 0.3694$$

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	73.34	0.0006	P	34.3
2	☐	2.000	5.186	1418.97	0.0108	P	5.4
3	☐	500.000	504.749	130212.59	0.9939	P	2.2
4	☐	1250.000	1254.211	320026.83	2.4687	P	0.3
5	☐	2500.000	2505.769	624678.88	4.9316	P	0.7
6	☐	5000.000	4875.497	1212570.67	9.5949	P	0.3
7	☐	10000.000	10060.045	2415177.79	19.7975	A	6.7
8	☐			904.48	0.0071	P	3.7

$$y = 0.0020 * x + 5.8993E-004$$

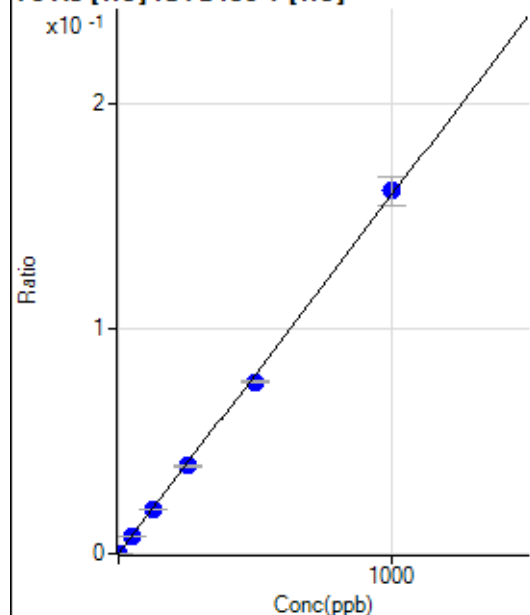
$$R = 0.9999$$

$$DL = 0.3083$$

$$BEC = 0.2998$$

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	86.9
2	☐	1.000	1.083	203.33	0.0002	P	20.7
3	☐	50.000	48.610	9079.51	0.0078	P	0.2
4	☐	125.000	122.340	22582.83	0.0195	P	0.1
5	☐	250.000	244.153	44251.30	0.0389	P	1.4
6	☐	500.000	479.554	87362.64	0.0765	P	1.2
7	☐	1000.000	1012.086	176299.67	0.1614	P	7.6
8	☐			101.11	0.0001	P	25.1

$$y = 1.5949E-004 * x + 2.0302E-006$$

$$R = 0.9997$$

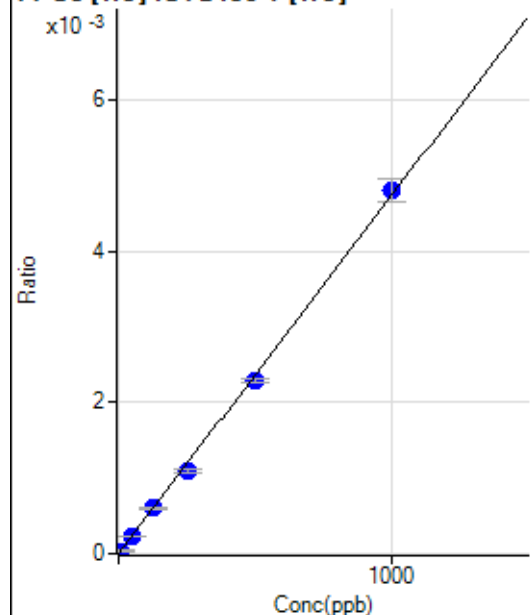
$$DL = 0.03319$$

$$BEC = 0.01273$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.447	41.11	0.0000	P	25.8
3	☐	50.000	49.446	274.45	0.0002	P	6.2
4	☐	125.000	126.367	693.36	0.0006	P	1.6
5	☐	250.000	233.243	1256.73	0.0011	P	4.5
6	☐	500.000	482.021	2610.25	0.0023	P	1.8
7	☐	1000.000	1013.023	5253.20	0.0048	P	6.5
8	☐			0.00	0.0000	P	

$$y = 4.7409\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

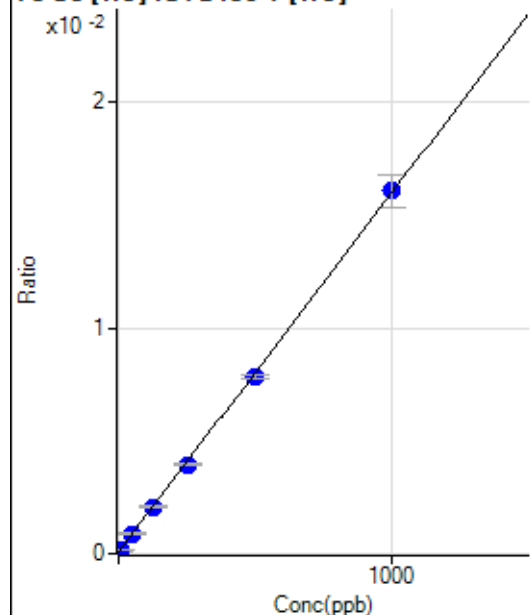
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0001	P	26.2
2	☐	5.000	5.936	204.45	0.0002	P	18.8
3	☐	50.000	50.812	1041.16	0.0009	P	3.8
4	☐	125.000	125.711	2406.89	0.0021	P	3.9
5	☐	250.000	243.968	4500.73	0.0040	P	1.7
6	☐	500.000	489.765	8989.47	0.0079	P	2.6
7	☐	1000.000	1006.491	17554.91	0.0161	P	9.2
8	☐			90.00	0.0001	P	20.7

$$y = 1.5902\text{E-}005 * x + 8.1237\text{E-}005$$

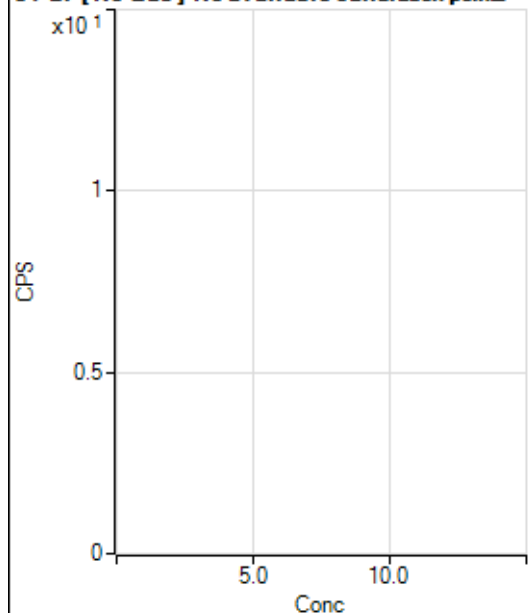
$$R = 0.9999$$

$$DL = 4.01$$

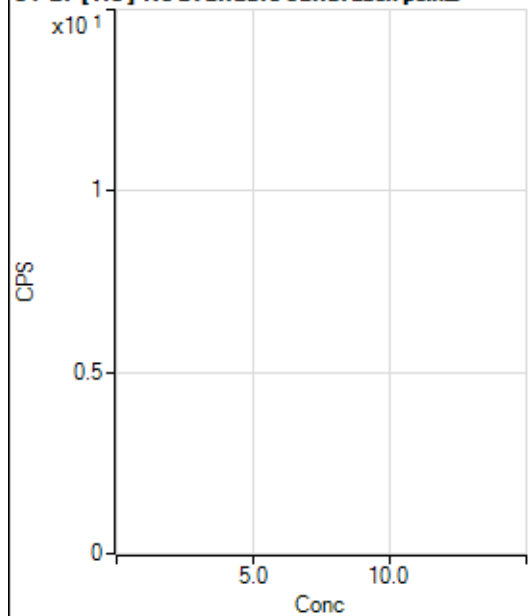
$$BEC = 5.109$$

Weight: <None>

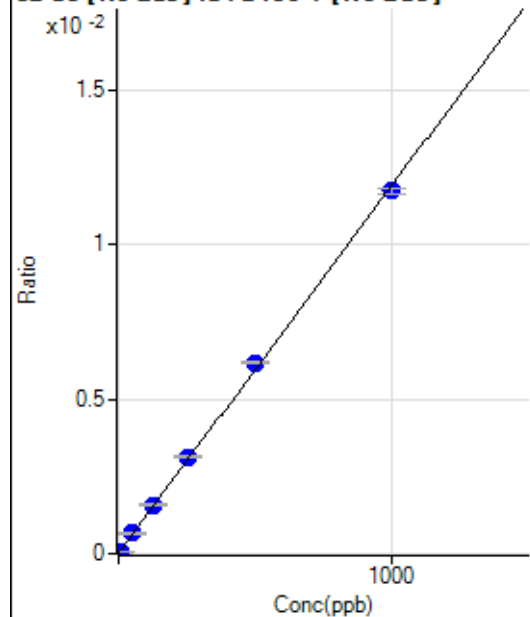
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6632.67		P	1.3
2	☐			6385.89		P	2.1
3	☐			6500.37		P	1.2
4	☐			6301.41		P	0.8
5	☐			6361.43		P	1.4
6	☐			6198.02		P	2.4
7	☐			6010.17		P	0.3
8	☐			6356.98		P	1.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	48.6
2	☐			36.67		P	32.8
3	☐			36.67		P	18.2
4	☐			28.89		P	29.0
5	☐			34.44		P	43.6
6	☐			26.67		P	66.2
7	☐			43.34		P	48.0
8	☐			34.44		P	24.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.57	0.0000	P	23.8
2	☐	5.000	5.394	395.20	0.0001	P	5.9
3	☐	50.000	53.622	3068.49	0.0007	P	1.9
4	☐	125.000	131.404	7389.67	0.0016	P	1.9
5	☐	250.000	262.597	14410.96	0.0031	P	2.1
6	☐	500.000	518.789	28140.45	0.0062	P	1.5
7	☐	1000.000	986.473	55581.24	0.0118	P	1.3
8	☐			183.09	0.0000	P	19.7

$$y = 1.1894\text{E-}005 * x + 1.9590\text{E-}005$$

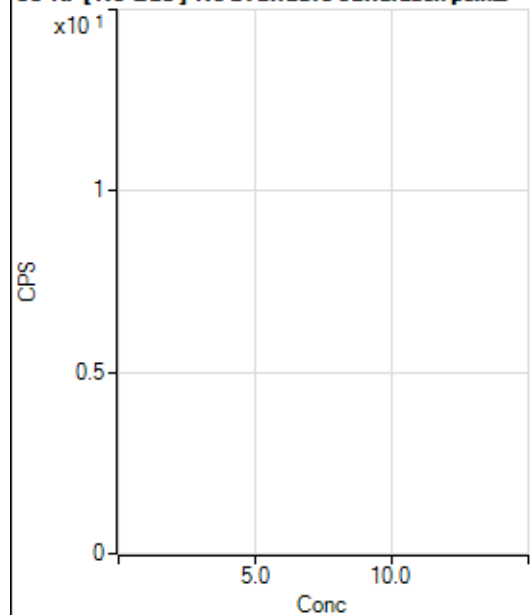
$$R = 0.9996$$

$$DL = 1.176$$

$$BEC = 1.647$$

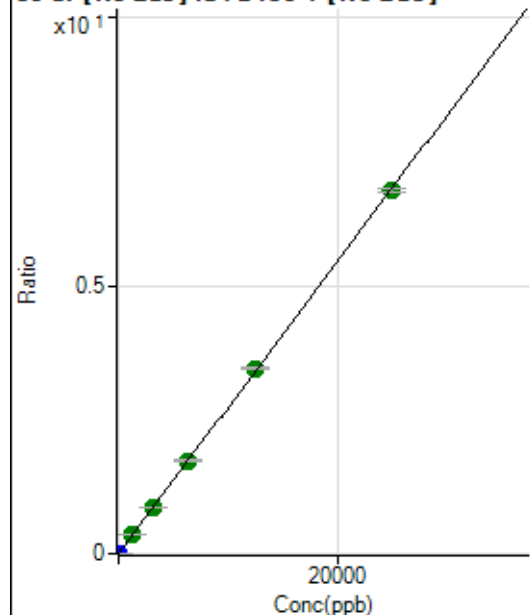
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			83.33		P	10.6
2	☐			67.78		P	14.2
3	☐			68.89		P	11.2
4	☐			67.78		P	28.8
5	☐			50.00		P	29.1
6	☐			67.78		P	17.3
7	☐			74.44		P	17.0
8	☐			81.11		P	4.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	5.7
2	☐	1.000	1.054	1474.53	0.0003	P	4.1
3	☐	1250.000	1304.327	1656848.74	0.3550	A	1.8
4	☐	3125.000	3175.605	4035164.70	0.8642	A	1.9
5	☐	6250.000	6381.479	7962320.71	1.7365	A	1.8
6	☐	12500.000	12674.830	15680251.99	3.4490	A	0.7
7	☐	25000.000	24870.674	32006184.80	6.7677	A	1.1
8	☐			4994.23	0.0011	P	6.7

$$y = 2.7211\text{E-}004 * x + 2.5691\text{E-}005$$

$$R = 0.9999$$

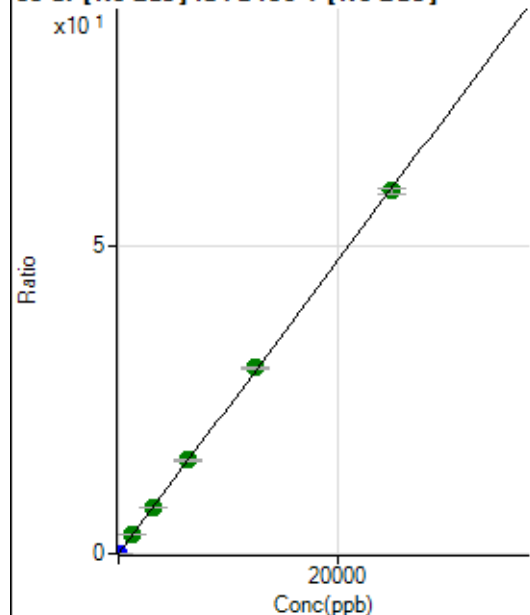
$$DL = 0.01605$$

$$BEC = 0.09441$$

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	90.00	0.0000	P	19.6
2	☐	1.000	1.035	11702.54	0.0025	P	0.3
3	☐	1250.000	1286.094	14277308.54	3.0586	A	1.5
4	☐	3125.000	3174.488	35253965.03	7.5496	A	1.0
5	☐	6250.000	6395.303	69741855.63	15.2094	A	0.9
6	☐	12500.000	12731.620	137650696.8	30.2784	A	1.0
7	☐	25000.000	24839.873	279375858.0	59.0743	A	1.3
8	☐			43971.29	0.0098	P	6.4

$$y = 0.0024 * x + 1.9268\text{E-}005$$

$$R = 0.9999$$

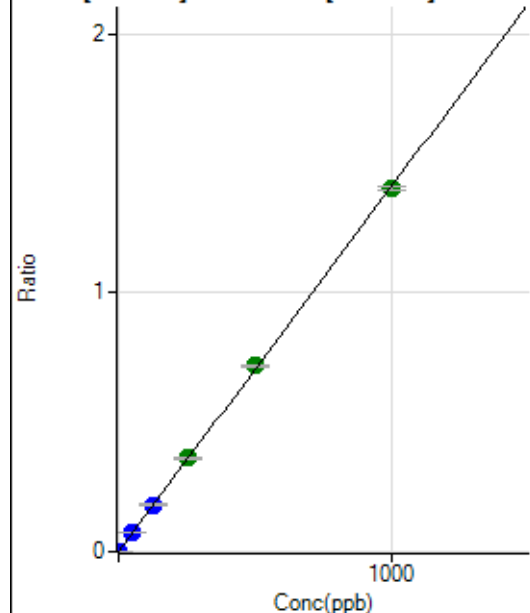
$$DL = 0.004764$$

$$BEC = 0.008102$$

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	153.34	0.0000	P	20.3
2	☐	1.000	0.979	6672.69	0.0014	P	1.0
3	☐	50.000	51.540	339509.41	0.0727	P	1.3
4	☐	125.000	128.259	844939.98	0.1809	P	1.2
5	☐	250.000	255.422	1652147.14	0.3603	A	1.7
6	☐	500.000	509.737	3268884.18	0.7190	A	0.8
7	☐	1000.000	993.291	6626244.55	1.4011	A	1.0
8	☐			4058.41	0.0009	P	5.7

$$y = 0.0014 * x + 3.2841E-005$$

$$R = 0.9999$$

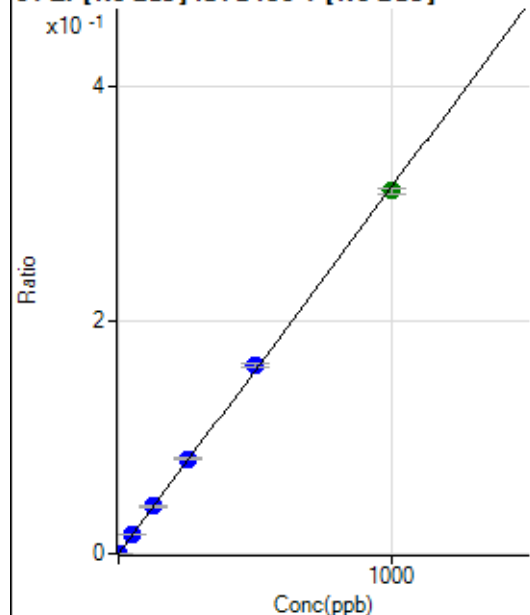
$$DL = 0.01418$$

$$BEC = 0.02328$$

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	31.11	0.0000	P	24.6
2	☐	1.000	1.043	1575.66	0.0003	P	9.6
3	☐	50.000	51.675	75764.18	0.0162	P	1.9
4	☐	125.000	128.602	188580.09	0.0404	P	1.1
5	☐	250.000	258.230	371795.29	0.0811	P	1.4
6	☐	500.000	515.409	735672.70	0.1618	P	1.6
7	☐	1000.000	989.704	1469541.78	0.3107	A	1.8
8	☐			918.93	0.0002	P	9.9

$$y = 3.1397E-004 * x + 6.6595E-006$$

$$R = 0.9998$$

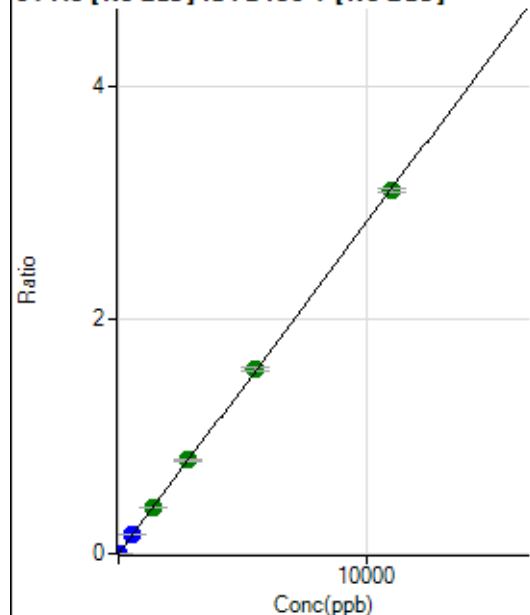
$$DL = 0.01567$$

$$BEC = 0.02121$$

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	68.89	0.0000	P	10.8
2	☐	5.000	6.020	8117.88	0.0017	P	2.0
3	☐	550.000	569.061	752748.14	0.1613	P	1.2
4	☐	1375.000	1409.389	1864871.05	0.3994	A	1.1
5	☐	2750.000	2832.691	3680447.06	0.8027	A	1.5
6	☐	5500.000	5570.951	7175877.88	1.5785	A	1.7
7	☐	11000.000	10938.599	14658173.67	3.0994	A	1.0
8	☐			3680.50	0.0008	P	7.5

$$y = 2.8335E-004 * x + 1.4743E-005$$

$$R = 0.9999$$

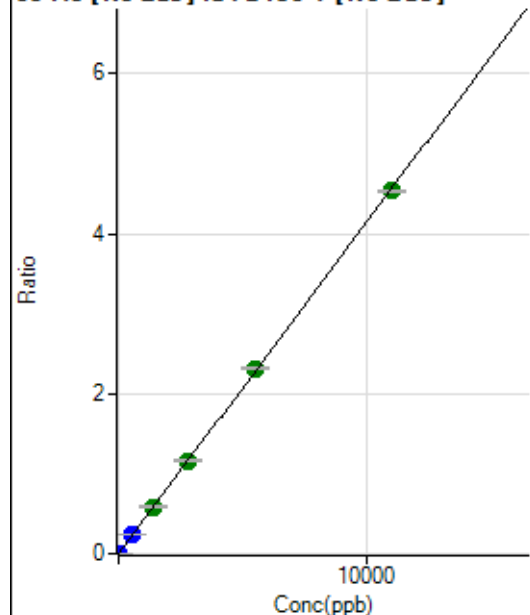
$$DL = 0.01686$$

$$BEC = 0.05203$$

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	18.89	0.0000	P	26.6
2	☐	5.000	5.009	9816.72	0.0021	P	2.7
3	☐	550.000	567.157	1097564.40	0.2351	P	1.2
4	☐	1375.000	1418.108	2745215.76	0.5879	A	1.4
5	☐	2750.000	2798.999	5320663.64	1.1604	A	1.7
6	☐	5500.000	5588.005	10531519.91	2.3166	A	1.0
7	☐	11000.000	10937.502	21444151.07	4.5343	A	0.8
8	☐			3920.75	0.0009	P	6.2

$$y = 4.1456E-004 * x + 4.0402E-006$$

$$R = 0.9999$$

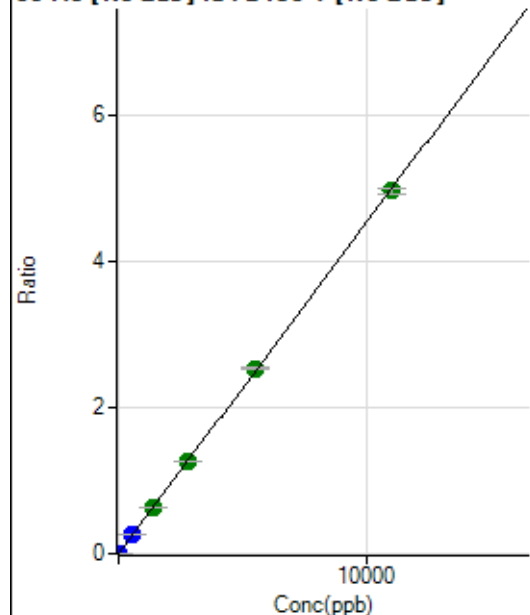
$$DL = 0.007778$$

$$BEC = 0.009746$$

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	33.33	0.0000	P	53.3
2	☐	5.000	5.141	11020.90	0.0023	P	3.5
3	☐	550.000	565.770	1196352.73	0.2563	P	0.9
4	☐	1375.000	1396.319	2953552.73	0.6325	A	0.9
5	☐	2750.000	2775.252	5764463.25	1.2571	A	0.7
6	☐	5500.000	5596.565	11523893.72	2.5351	A	2.0
7	☐	11000.000	10941.951	23439394.09	4.9564	A	1.6
8	☐			7840.47	0.0018	P	15.4

$$y = 4.5297\text{E-}004 * x + 7.1454\text{E-}006$$

$$R = 0.9999$$

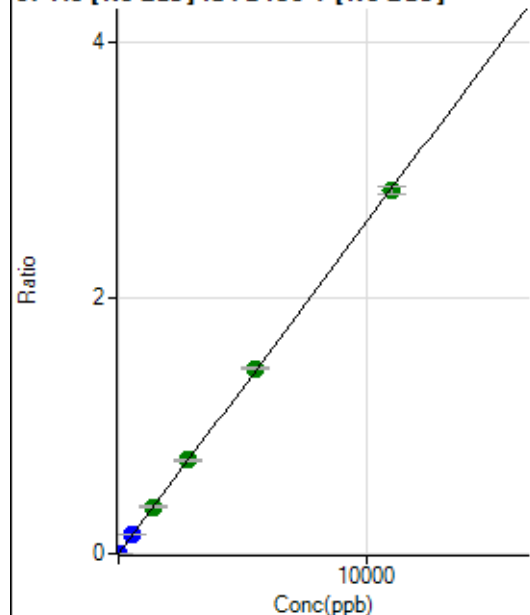
$$DL = 0.02524$$

$$BEC = 0.01577$$

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	4.44	0.0000	P	114.
2	☐	5.000	5.106	6249.17	0.0013	P	2.3
3	☐	550.000	573.728	694150.79	0.1487	P	1.0
4	☐	1375.000	1407.436	1703336.31	0.3648	A	2.3
5	☐	2750.000	2817.654	3348797.45	0.7303	A	0.8
6	☐	5500.000	5588.836	6584877.26	1.4485	A	1.9
7	☐	11000.000	10933.427	13400840.91	2.8338	A	2.2
8	☐			3352.10	0.0007	P	58.0

$$y = 2.5918\text{E-}004 * x + 9.5146\text{E-}007$$

$$R = 0.9999$$

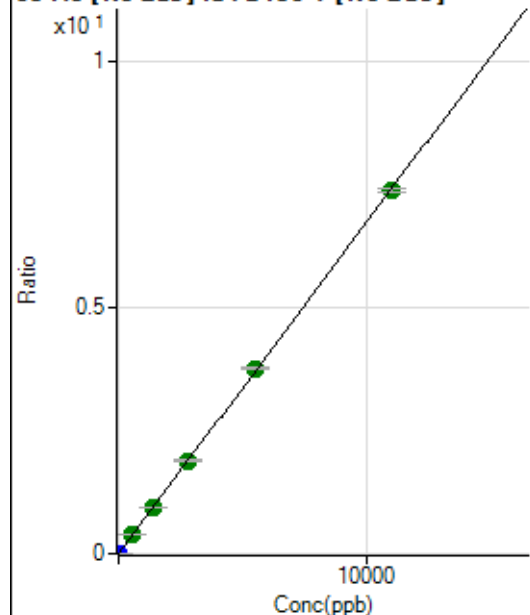
$$DL = 0.0126$$

$$BEC = 0.003671$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	20.6
2	☐	5.000	5.098	16205.71	0.0034	P	0.7
3	☐	550.000	564.643	1772956.81	0.3798	A	1.8
4	☐	1375.000	1395.553	4383522.89	0.9388	A	1.8
5	☐	2750.000	2809.078	8664640.08	1.8896	A	0.9
6	☐	5500.000	5588.310	17089113.63	3.7591	A	1.7
7	☐	11000.000	10937.774	34796436.15	7.3575	A	0.9
8	☐			8605.85	0.0019	P	61.5

$$y = 6.7267\text{E-}004 * x + 5.2314\text{E-}006$$

$$R = 0.9999$$

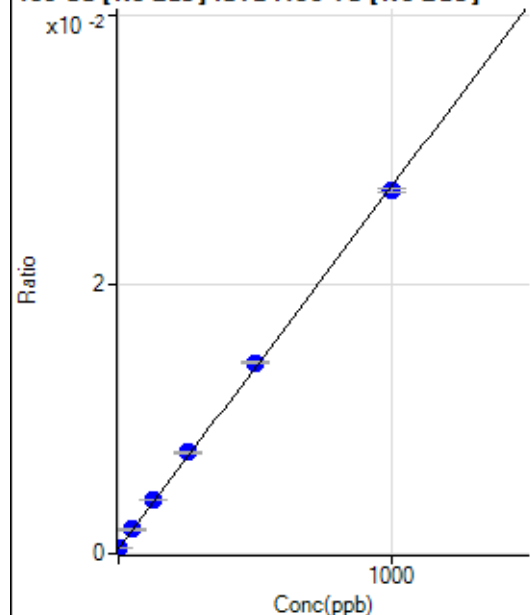
$$DL = 0.004808$$

$$BEC = 0.007777$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1370.08	0.0004	P	2.5
2	☐	1.000	1.197	1507.87	0.0004	P	7.1
3	☐	50.000	53.052	6826.10	0.0018	P	1.6
4	☐	125.000	134.759	15248.11	0.0040	P	1.2
5	☐	250.000	265.317	28549.22	0.0075	P	0.2
6	☐	500.000	513.848	54835.19	0.0142	P	1.2
7	☐	1000.000	987.874	107903.65	0.0270	P	0.9
8	☐			1484.54	0.0004	P	5.7

$$y = 2.6960\text{E-}005 * x + 3.6677\text{E-}004$$

$$R = 0.9997$$

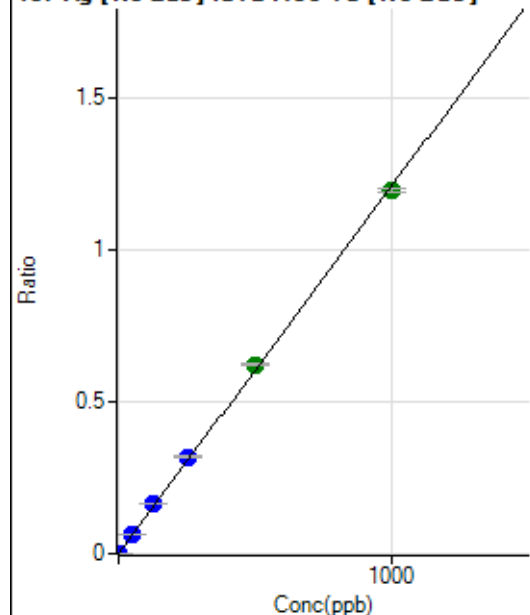
$$DL = 1.022$$

$$BEC = 13.6$$

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	26.67	0.0000	P	55.5
2	☐	1.000	1.002	4607.44	0.0012	P	0.8
3	☐	50.000	54.617	251186.04	0.0661	P	1.0
4	☐	125.000	133.965	618299.39	0.1622	P	0.4
5	☐	250.000	263.892	1212891.20	0.3195	P	1.1
6	☐	500.000	514.954	2404030.83	0.6234	A	0.7
7	☐	1000.000	987.699	4778714.06	1.1958	A	1.2
8	☐			1074.01	0.0003	P	74.3

$$y = 0.0012 * x + 7.1634E-006$$

$$R = 0.9997$$

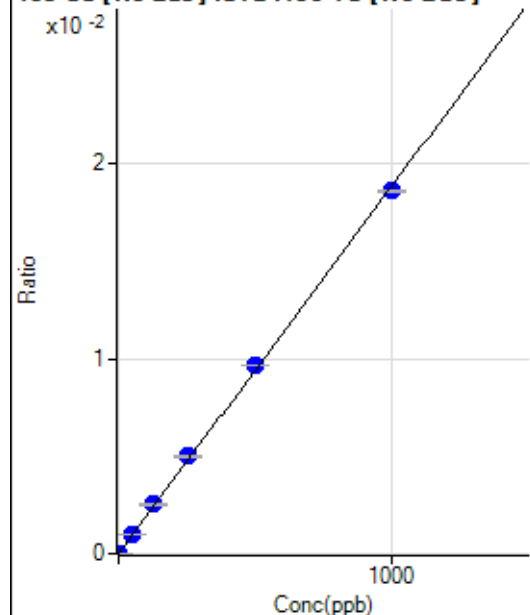
$$DL = 0.00986$$

$$BEC = 0.005917$$

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	4.44	0.0000	P	114.
2	☐	1.000	1.409	104.44	0.0000	P	12.5
3	☐	50.000	52.934	3786.09	0.0010	P	2.3
4	☐	125.000	135.123	9691.08	0.0025	P	3.7
5	☐	250.000	265.685	18976.92	0.0050	P	1.1
6	☐	500.000	512.275	37159.77	0.0096	P	0.3
7	☐	1000.000	988.529	74313.44	0.0186	P	0.3
8	☐			54.44	0.0000	P	24.8

$$y = 1.8809E-005 * x + 1.1829E-006$$

$$R = 0.9997$$

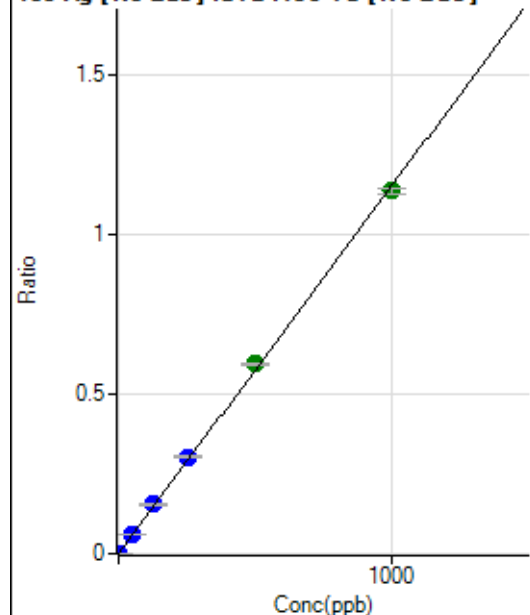
$$DL = 0.2163$$

$$BEC = 0.06289$$

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	12.22	0.0000	P	32.6
2	☐	1.000	1.060	4616.33	0.0012	P	1.4
3	☐	50.000	54.423	237790.28	0.0626	P	1.5
4	☐	125.000	133.911	587194.71	0.1540	P	0.8
5	☐	250.000	263.409	1150296.32	0.3030	P	0.9
6	☐	500.000	516.008	2288757.14	0.5935	A	1.3
7	☐	1000.000	987.309	4538527.81	1.1357	A	1.6
8	☐			771.29	0.0002	P	54.7

$$y = 0.0012 * x + 3.2787E-006$$

$$R = 0.9997$$

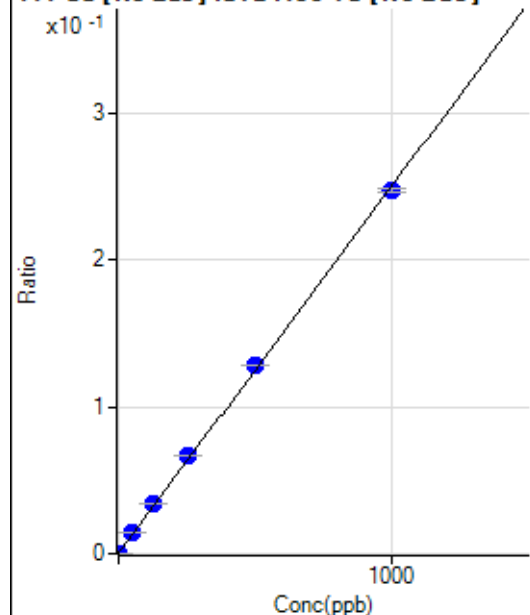
$$DL = 0.002787$$

$$BEC = 0.00285$$

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	955.94	0.0003	P	2.6
2	☐	1.000	1.160	2062.45	0.0005	P	8.2
3	☐	50.000	54.600	52809.55	0.0139	P	1.8
4	☐	125.000	134.835	129455.98	0.0340	P	0.4
5	☐	250.000	266.941	254270.35	0.0670	P	1.4
6	☐	500.000	512.458	494926.21	0.1283	P	0.2
7	☐	1000.000	988.076	988031.65	0.2472	P	1.0
8	☐			1225.52	0.0003	P	10.0

$$y = 2.4995E-004 * x + 2.5591E-004$$

$$R = 0.9997$$

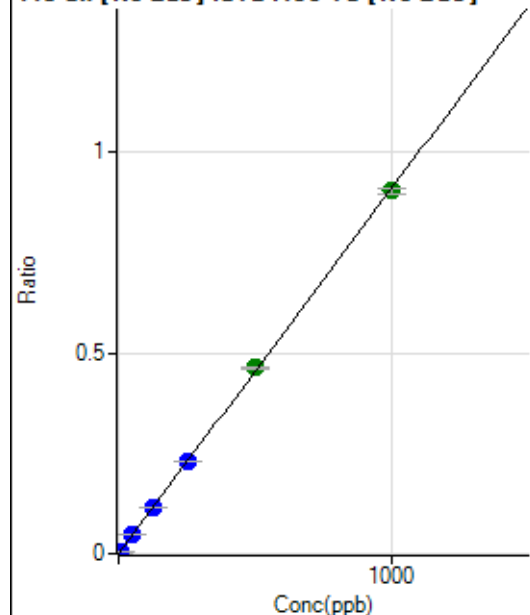
$$DL = 0.0791$$

$$BEC = 1.024$$

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	785.60	0.0002	P	10.2
2	☐	5.000	5.009	17976.29	0.0048	P	1.9
3	☐	50.000	51.744	179349.84	0.0472	P	1.6
4	☐	125.000	128.255	444972.87	0.1167	P	0.6
5	☐	250.000	252.936	873175.46	0.2300	P	0.6
6	☐	500.000	510.075	1787720.87	0.4636	A	0.8
7	☐	1000.000	993.734	3608686.78	0.9030	A	1.4
8	☐			2052.32	0.0005	P	7.9

$$y = 9.0847\text{E-}004 * x + 2.1041\text{E-}004$$

$$R = 0.9999$$

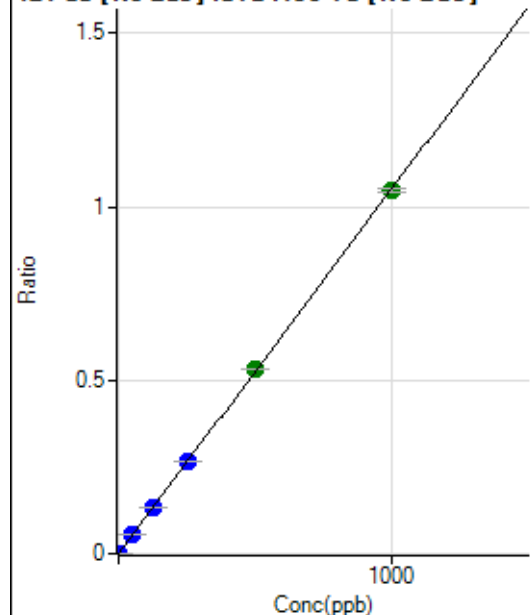
$$DL = 0.07101$$

$$BEC = 0.2316$$

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	16.67	0.0000	P	52.4
2	☐	2.000	2.071	8233.53	0.0022	P	1.7
3	☐	50.000	51.126	204075.24	0.0537	P	1.0
4	☐	125.000	126.860	508165.75	0.1333	P	0.7
5	☐	250.000	254.219	1014128.41	0.2671	P	1.1
6	☐	500.000	506.433	2052063.28	0.5321	A	0.8
7	☐	1000.000	995.439	4180128.69	1.0460	A	1.0
8	☐			3139.32	0.0008	P	5.8

$$y = 0.0011 * x + 4.4463\text{E-}006$$

$$R = 1.0000$$

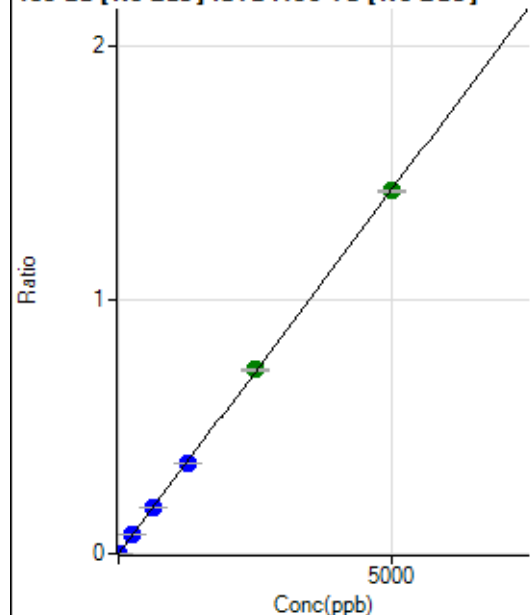
$$DL = 0.00665$$

$$BEC = 0.004232$$

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	15.56	0.0000	P	11.5
2	☐	10.000	9.625	10440.58	0.0028	P	1.0
3	☐	250.000	253.598	276286.02	0.0727	P	1.3
4	☐	625.000	625.739	684145.76	0.1795	P	0.9
5	☐	1250.000	1241.190	1351479.88	0.3560	P	0.7
6	☐	2500.000	2527.226	2795035.62	0.7248	A	0.7
7	☐	5000.000	4988.318	5717707.35	1.4307	A	0.7
8	☐			2222.52	0.0006	P	9.1

$$y = 2.8681\text{E-}004 * x + 4.1610\text{E-}006$$

$$R = 1.0000$$

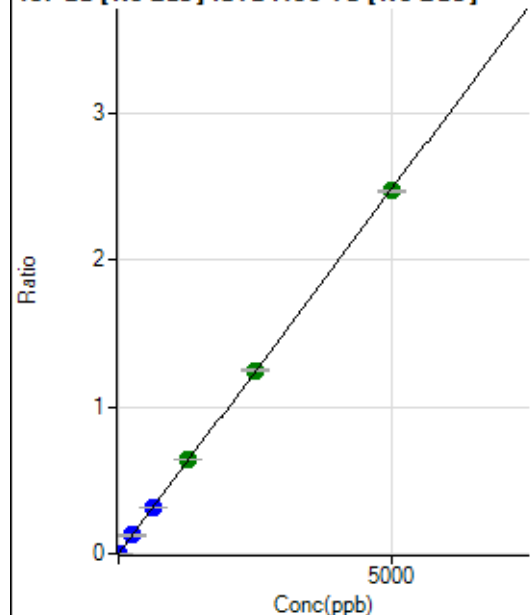
$$DL = 0.005006$$

$$BEC = 0.01451$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	16.2
2	☐	10.000	9.713	18245.12	0.0048	P	2.8
3	☐	250.000	251.741	474955.60	0.1250	P	1.2
4	☐	625.000	623.083	1179752.48	0.3095	P	0.6
5	☐	1250.000	1297.237	2446078.57	0.6443	A	0.7
6	☐	2500.000	2518.043	4822620.83	1.2506	A	1.1
7	☐	5000.000	4979.323	9883538.32	2.4731	A	0.9
8	☐			3721.73	0.0010	P	7.7

$$y = 4.9667\text{E-}004 * x + 8.3272\text{E-}006$$

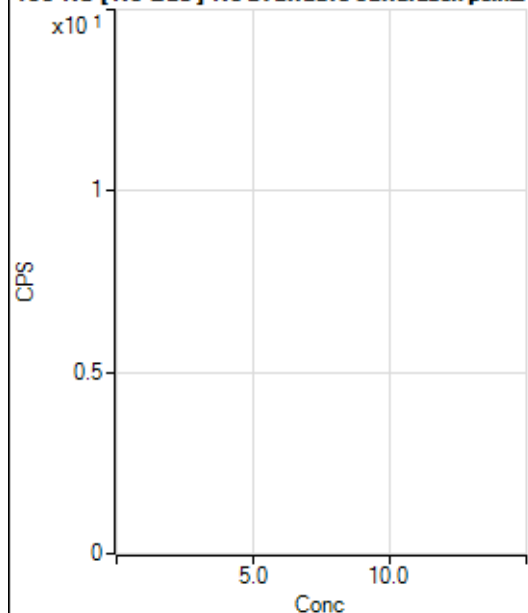
$$R = 0.9999$$

$$DL = 0.008125$$

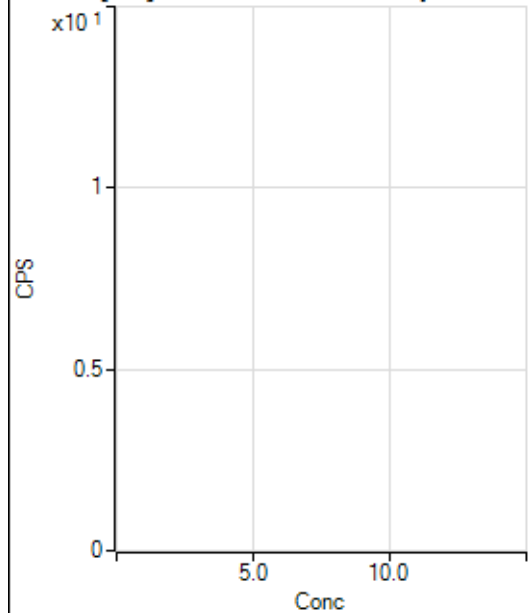
$$BEC = 0.01677$$

Weight: <None>

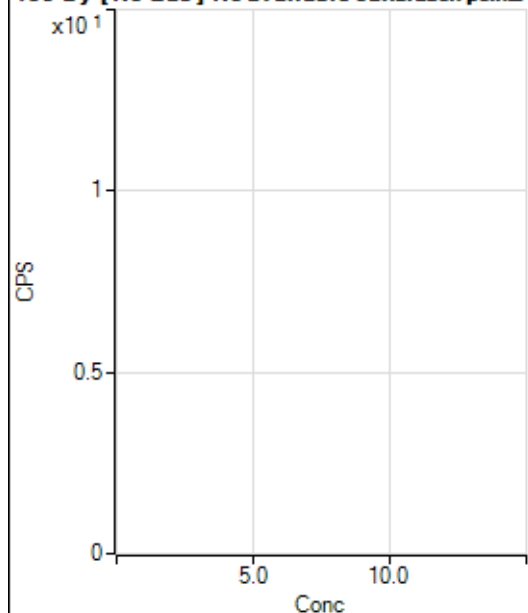
Min Conc: 0

150 Nd [No Gas] No available calibration points

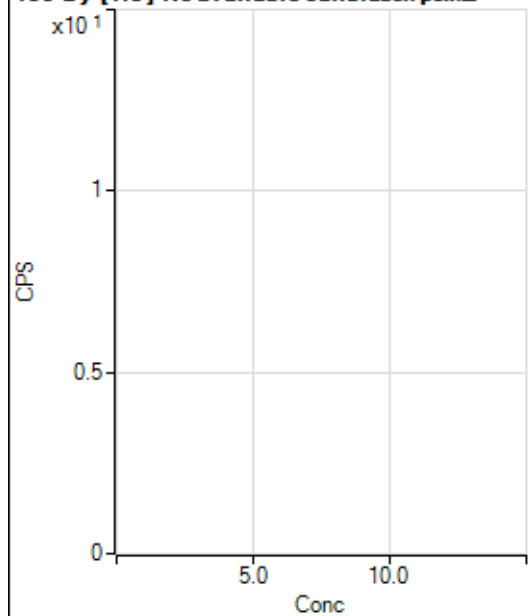
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			26.67		P	54.5
4	☐			43.33		P	20.3
5	☐			113.33		P	15.6
6	☐			198.89		P	5.1
7	☐			428.90		P	10.1
8	☐			81.11		P	18.5

150 Nd [He] No available calibration points

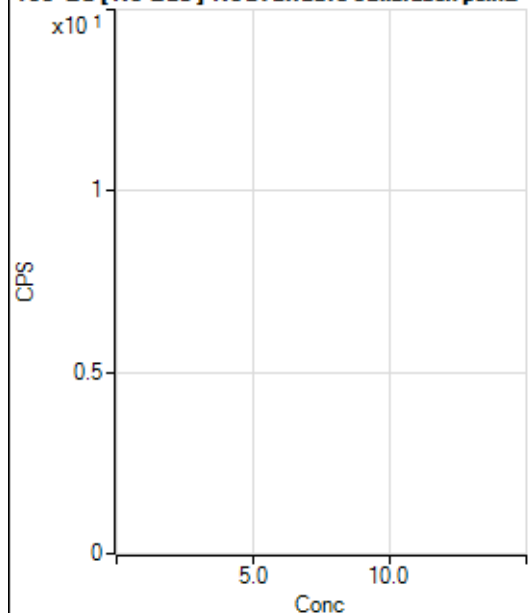
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			7.78		P	89.2
4	☐			12.22		P	68.7
5	☐			22.22		P	31.2
6	☐			36.67		P	18.2
7	☐			87.78		P	11.6
8	☐			45.56		P	18.4

156 Dy [No Gas] No available calibration points

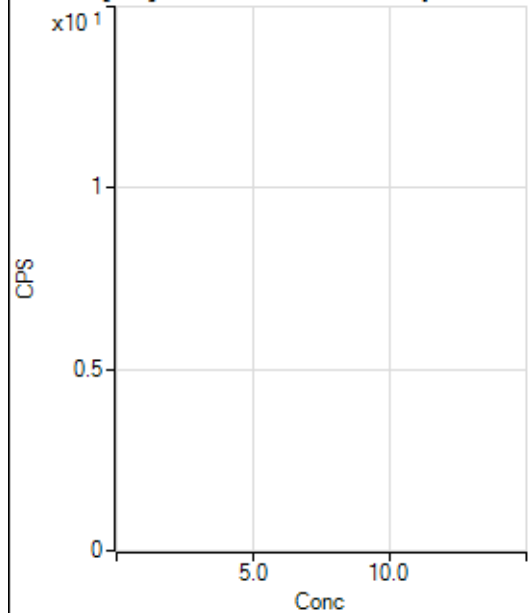
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	65.8
2	☐			11.11		P	96.4
3	☐			16.67		P	52.9
4	☐			27.78		P	84.3
5	☐			34.44		P	29.6
6	☐			54.45		P	12.7
7	☐			106.67		P	10.8
8	☐			173.34		P	6.9

156 Dy [He] No available calibration points

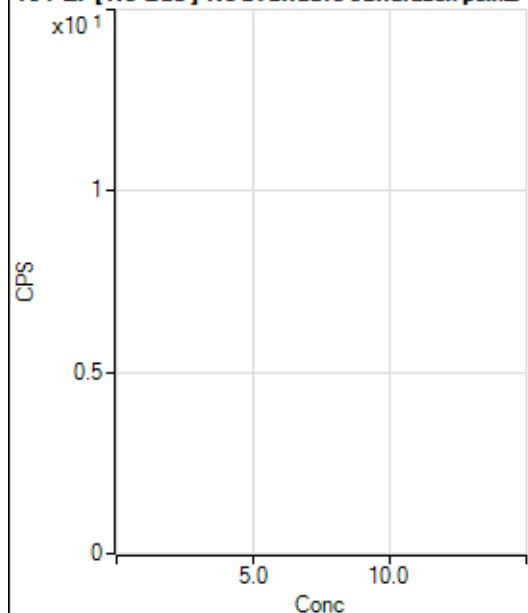
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			2.22		P	86.6
3	☐			21.11		P	36.5
4	☐			34.44		P	43.6
5	☐			65.56		P	21.2
6	☐			114.45		P	40.9
7	☐			246.67		P	17.7
8	☐			130.00		P	4.4

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

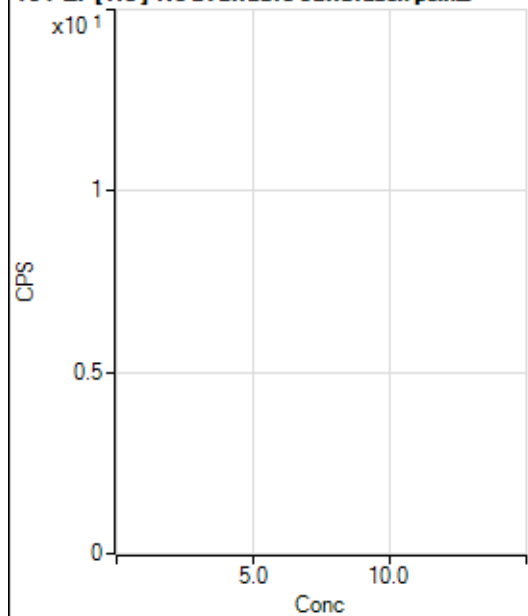
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐			13.33		P	86.6
3	☐			14.44		P	66.6
4	☐			20.00		P	44.1
5	☐			20.00		P	33.4
6	☐			23.33		P	14.3
7	☐			45.56		P	11.2
8	☐			141.11		P	7.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			107.78		P	17.0
2	☐			116.67		P	12.5
3	☐			120.00		P	22.0
4	☐			101.11		P	8.3
5	☐			116.67		P	24.9
6	☐			118.89		P	10.6
7	☐			163.34		P	18.1
8	☐			195.56		P	14.3

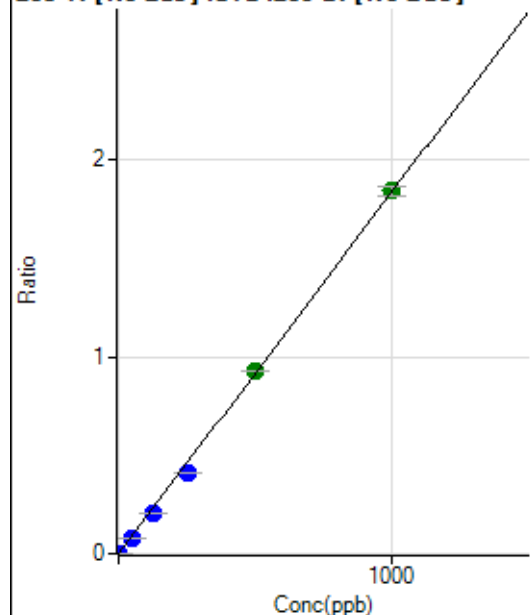
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			8.89		P	21.6
3	☐			22.22		P	37.8
4	☐			30.00		P	22.2
5	☐			24.44		P	20.8
6	☐			30.00		P	48.4
7	☐			63.33		P	22.9
8	☐			157.78		P	24.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			11.11		P	17.3
3	☐			12.22		P	56.8
4	☐			14.44		P	35.3
5	☐			20.00		P	33.4
6	☐			17.78		P	60.3
7	☐			30.00		P	0.0
8	☐			148.89		P	12.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.1
2	☐	1.000	0.886	3734.99	0.0016	P	2.3
3	☐	50.000	45.096	191353.16	0.0826	P	0.3
4	☐	125.000	112.792	481387.13	0.2066	P	0.8
5	☐	250.000	225.364	959546.26	0.4128	P	0.8
6	☐	500.000	506.146	2140505.47	0.9272	A	0.9
7	☐	1000.000	1004.857	4389842.30	1.8407	A	2.3
8	☐			464.46	0.0002	P	12.7

$$y = 0.0018 * x + 3.3781E-006$$

$$R = 0.9996$$

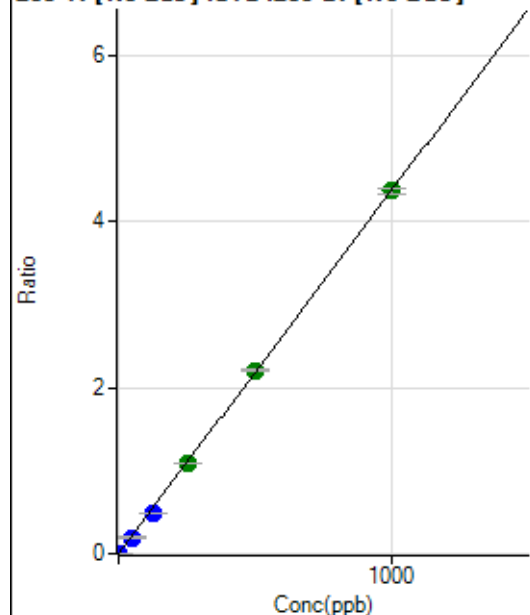
$$DL = 0.004928$$

$$BEC = 0.001844$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	31.1
2	☐	1.000	0.882	8884.09	0.0039	P	3.8
3	☐	50.000	44.904	454664.07	0.1963	P	0.6
4	☐	125.000	112.543	1146106.99	0.4919	P	0.8
5	☐	250.000	249.251	2532338.26	1.0895	A	1.0
6	☐	500.000	505.387	5099741.42	2.2090	A	1.5
7	☐	1000.000	999.306	10417435.68	4.3679	A	1.9
8	☐			1143.44	0.0006	P	18.6

$$y = 0.0044 * x + 1.3510E-005$$

$$R = 0.9999$$

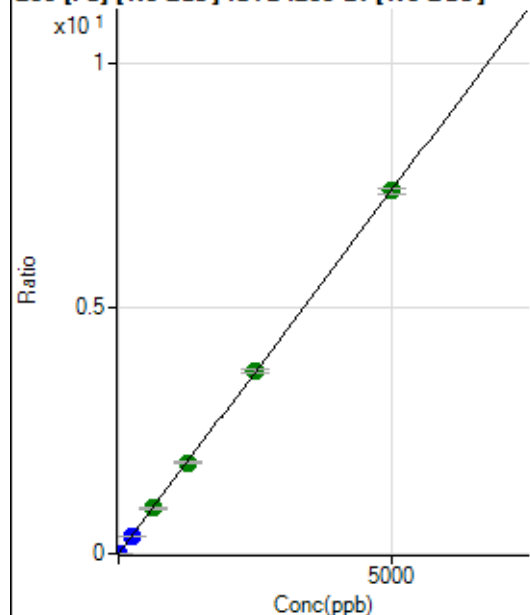
$$DL = 0.002883$$

$$BEC = 0.003091$$

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	92.22	0.0000	P	4.6
2	☐	1.000	0.890	3118.17	0.0014	P	2.1
3	☐	250.000	227.247	779160.68	0.3364	P	0.3
4	☐	625.000	622.874	2147936.10	0.9219	A	0.3
5	☐	1250.000	1251.830	4306510.94	1.8528	A	1.2
6	☐	2500.000	2516.097	8596777.30	3.7239	A	2.0
7	☐	5000.000	4992.897	17624968.21	7.3897	A	1.6
8	☐			3178.23	0.0015	P	11.9

$$y = 0.0015 * x + 4.0032E-005$$

$$R = 1.0000$$

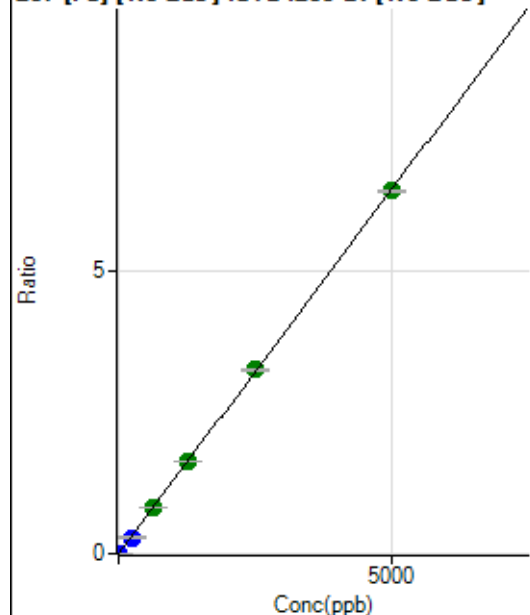
$$DL = 0.003764$$

$$BEC = 0.02705$$

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	94.45	0.0000	P	22.6
2	☐	1.000	0.906	2779.20	0.0012	P	4.4
3	☐	250.000	224.377	671291.26	0.2898	P	0.9
4	☐	625.000	627.170	1887153.60	0.8100	A	2.0
5	☐	1250.000	1269.041	3809552.79	1.6390	A	0.9
6	☐	2500.000	2525.522	7529696.76	3.2616	A	1.4
7	☐	5000.000	4983.488	15351119.63	6.4360	A	0.8
8	☐			2827.01	0.0014	P	5.5

$$y = 0.0013 * x + 4.1007E-005$$

$$R = 1.0000$$

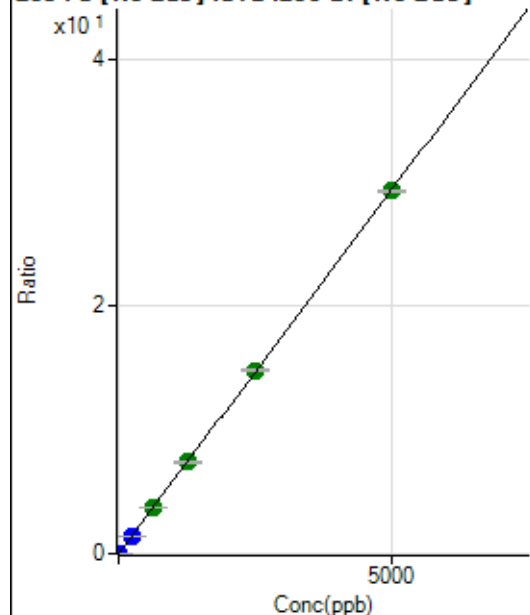
$$DL = 0.02155$$

$$BEC = 0.03175$$

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	395.56	0.0002	P	10.2
2	☐	1.000	0.907	12655.77	0.0055	P	0.5
3	☐	250.000	226.879	3092851.26	1.3352	P	0.7
4	☐	625.000	627.775	8607225.22	3.6943	A	0.8
5	☐	1250.000	1258.357	17211962.83	7.4050	A	0.9
6	☐	2500.000	2519.250	34224577.82	14.8248	A	1.2
7	☐	5000.000	4989.095	70027415.35	29.3587	A	0.7
8	☐			12580.39	0.0061	P	8.2

$$y = 0.0059 * x + 1.7169E-004$$

$$R = 1.0000$$

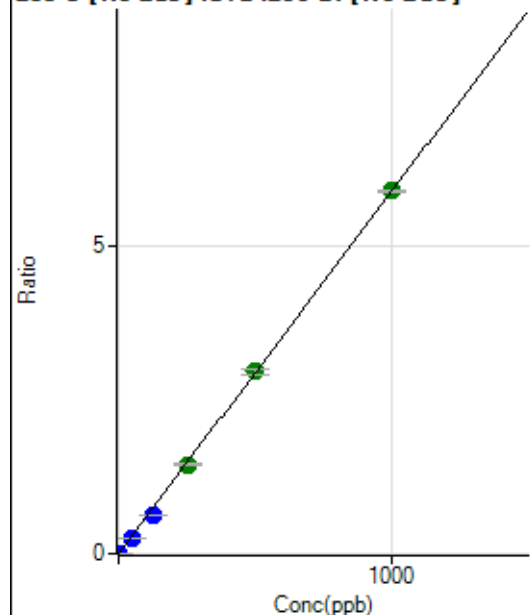
$$DL = 0.008931$$

$$BEC = 0.02918$$

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	5.56	0.0000	P	34.9
2	☐	1.000	0.831	11250.40	0.0049	P	1.9
3	☐	50.000	42.759	583659.93	0.2520	P	0.5
4	☐	125.000	107.873	1481071.24	0.6357	P	0.4
5	☐	250.000	246.482	3376055.02	1.4525	A	1.3
6	☐	500.000	502.857	6841336.22	2.9633	A	2.6
7	☐	1000.000	1001.954	14082997.15	5.9044	A	0.8
8	☐			727.83	0.0004	P	19.9

$$y = 0.0059 * x + 2.4131E-006$$

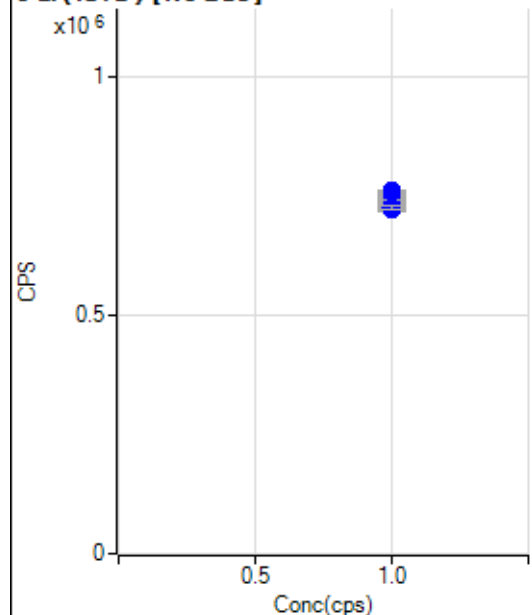
$$R = 0.9999$$

$$DL = 0.0004285$$

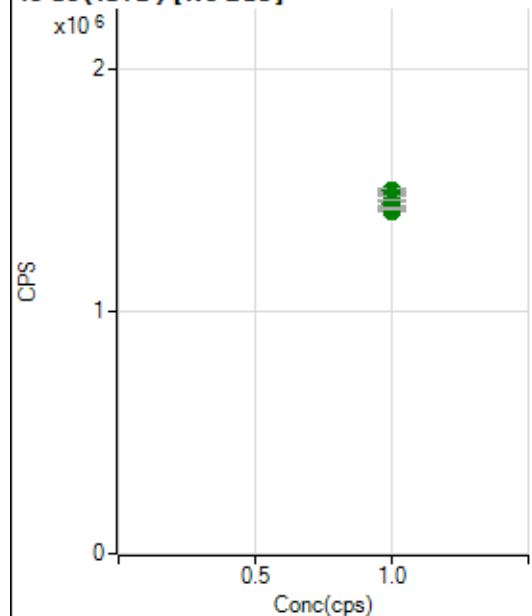
$$BEC = 0.0004095$$

Weight: <None>

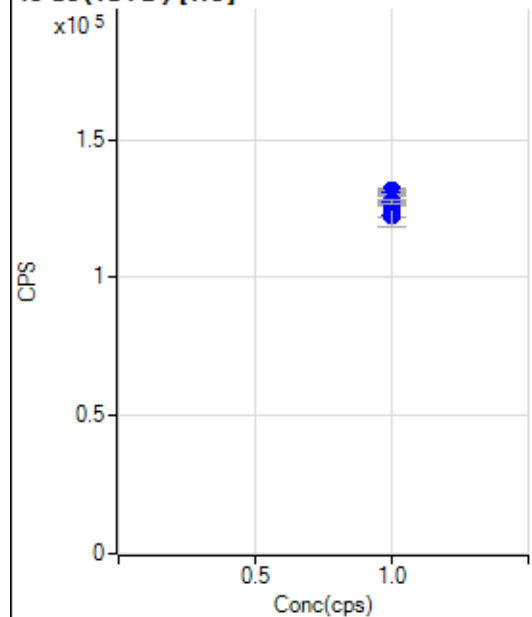
Min Conc: 0

6 Li (ISTD) [No Gas]

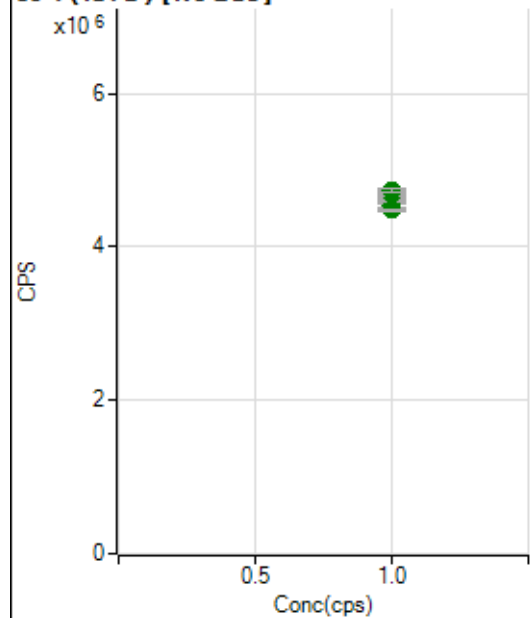
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		750434.34		P	0.5
2	☐	1.000		759616.26		P	0.3
3	☐	1.000		758146.58		P	0.1
4	☐	1.000		748500.47		P	0.6
5	☐	1.000		733110.07		P	0.6
6	☐	1.000		720868.52		P	1.2
7	☐	1.000		740469.87		P	0.4
8	☐	1.000		725341.85		P	1.2

45 Sc (ISTD) [No Gas]

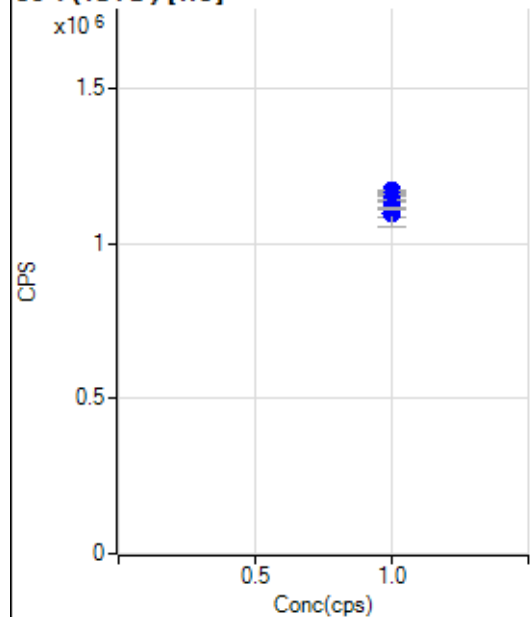
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1470388.34		A	0.1
2	☐	1.000		1493975.88		A	0.6
3	☐	1.000		1494643.03		A	1.5
4	☐	1.000		1471522.93		A	0.1
5	☐	1.000		1444663.19		A	1.0
6	☐	1.000		1411954.63		A	0.2
7	☐	1.000		1442525.41		A	2.3
8	☐	1.000		1421819.65		A	0.3

45 Sc (ISTD) [He]

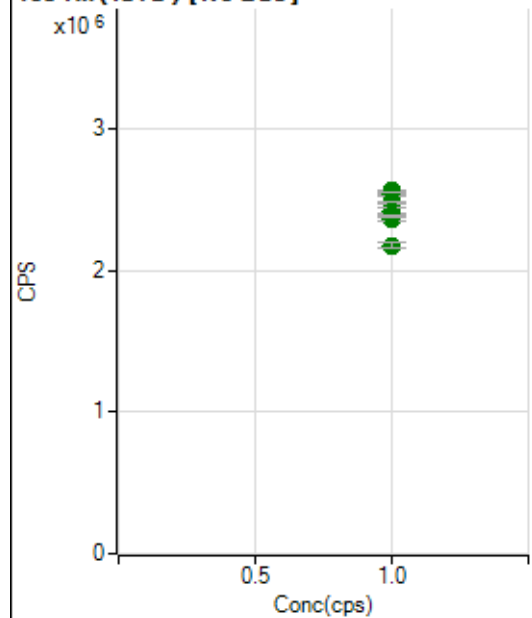
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		125813.12		P	5.6
2	☐	1.000		131447.29		P	1.0
3	☐	1.000		131035.73		P	1.1
4	☐	1.000		129633.07		P	0.5
5	☐	1.000		126672.69		P	0.9
6	☐	1.000		126376.63		P	0.3
7	☐	1.000		122356.25		P	6.7
8	☐	1.000		127653.13		P	1.3

89 Y (ISTD) [No Gas]

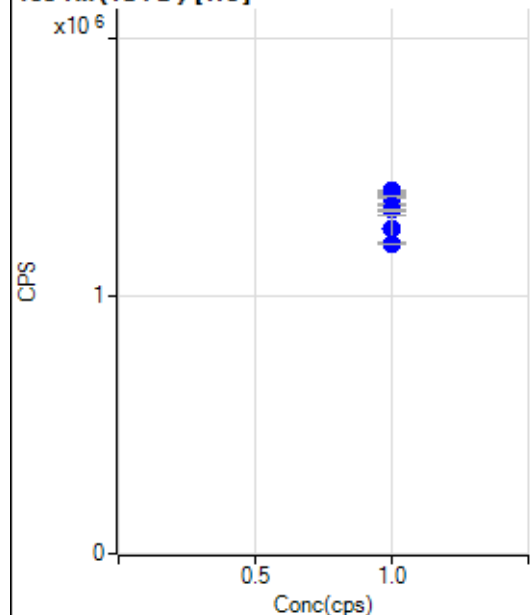
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4671245.63		A	0.4
2	☐	1.000		4718380.17		A	0.3
3	☐	1.000		4668338.47		A	0.9
4	☐	1.000		4669860.04		A	0.7
5	☐	1.000		4585643.85		A	0.7
6	☐	1.000		4546535.38		A	1.3
7	☐	1.000		4729585.03		A	0.9
8	☐	1.000		4479474.38		A	0.2

89 Y(ISTD) [He]

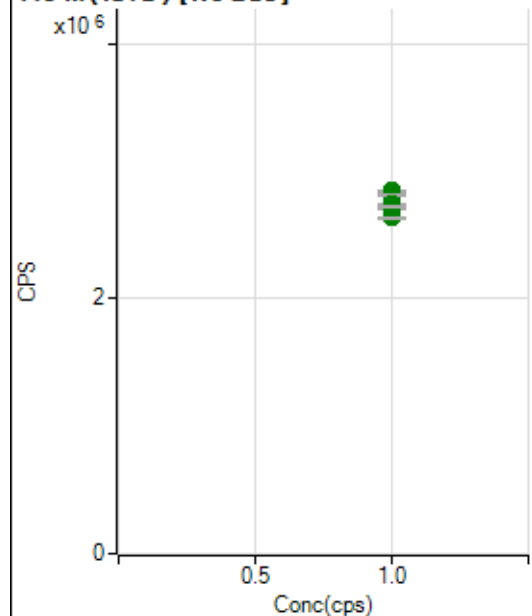
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1119533.27		P	6.0
2	☐	1.000		1163861.48		P	0.3
3	☐	1.000		1170809.35		P	0.1
4	☐	1.000		1157254.86		P	0.9
5	☐	1.000		1136381.89		P	0.6
6	☐	1.000		1142229.29		P	0.5
7	☐	1.000		1096509.66		P	7.8
8	☐	1.000		1115039.65		P	0.4

103 Rh(ISTD) [No Gas]

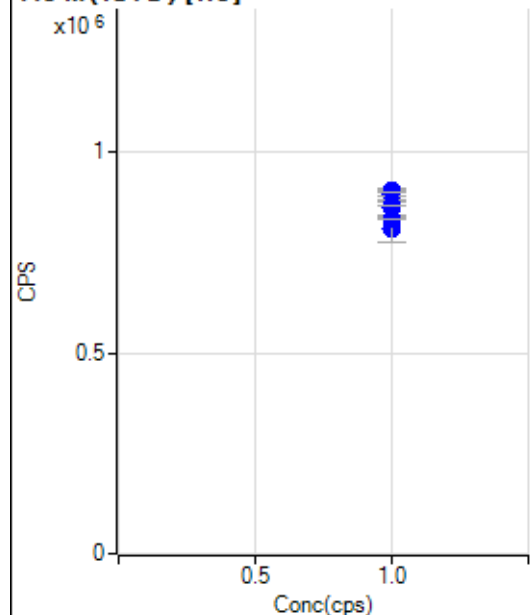
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2527877.70		A	0.6
2	☐	1.000		2559113.66		A	0.5
3	☐	1.000		2535451.32		A	1.0
4	☐	1.000		2478506.09		A	0.3
5	☐	1.000		2416934.84		A	1.6
6	☐	1.000		2360428.24		A	0.7
7	☐	1.000		2381616.75		A	0.7
8	☐	1.000		2176818.77		A	1.4

103 Rh (ISTD) [He]

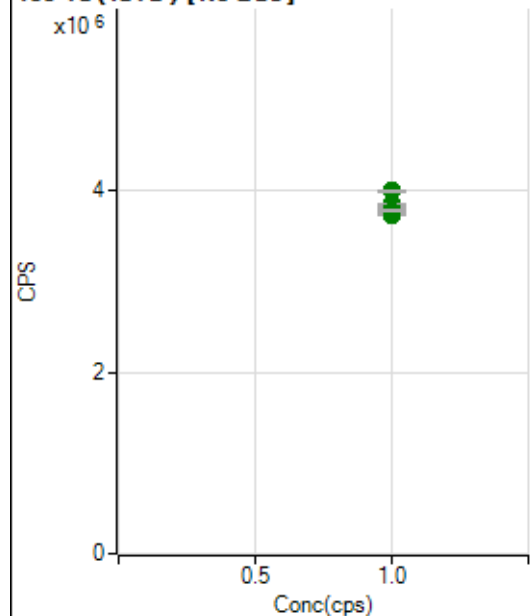
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1349949.43		P	5.6
2	☐	1.000		1409222.26		P	0.3
3	☐	1.000		1400947.69		P	0.5
4	☐	1.000		1386413.33		P	0.7
5	☐	1.000		1354501.35		P	0.5
6	☐	1.000		1334894.37		P	0.4
7	☐	1.000		1262800.10		P	7.9
8	☐	1.000		1201791.76		P	0.3

115 In (ISTD) [No Gas]

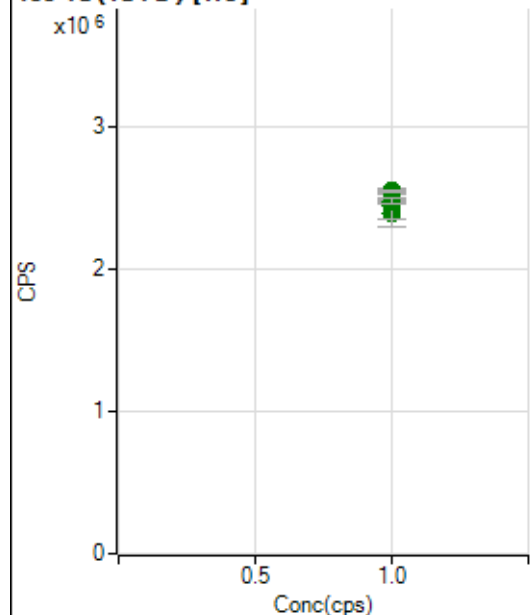
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2830407.65		A	0.8
2	☐	1.000		2845071.79		A	0.7
3	☐	1.000		2844637.28		A	0.5
4	☐	1.000		2817794.56		A	0.6
5	☐	1.000		2750969.74		A	0.1
6	☐	1.000		2704820.96		A	0.8
7	☐	1.000		2720284.72		A	0.6
8	☐	1.000		2633927.46		A	0.8

115 In (ISTD) [He]

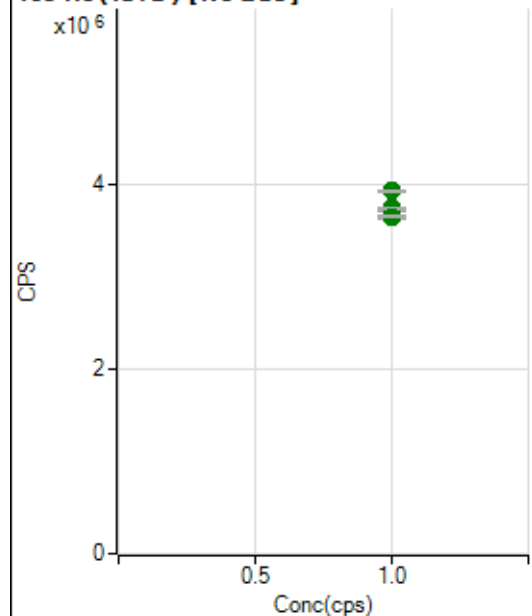
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		864491.72		P	6.1
2	☐	1.000		904132.05		P	0.9
3	☐	1.000		904085.62		P	0.6
4	☐	1.000		896438.73		P	0.8
5	☐	1.000		877633.11		P	0.7
6	☐	1.000		867276.03		P	0.3
7	☐	1.000		810212.15		P	7.9
8	☐	1.000		834723.94		P	0.2

159 Tb (ISTD) [No Gas]

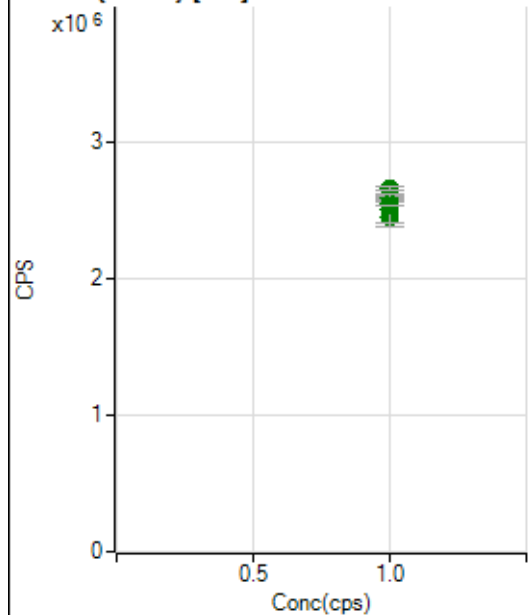
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3735959.53		A	1.0
2	☐	1.000		3776298.73		A	1.3
3	☐	1.000		3798643.31		A	0.8
4	☐	1.000		3812281.75		A	1.0
5	☐	1.000		3796628.00		A	0.9
6	☐	1.000		3856188.62		A	0.3
7	☐	1.000		3996565.50		A	0.5
8	☐	1.000		3779684.80		A	0.7

159 Tb (ISTD) [He]

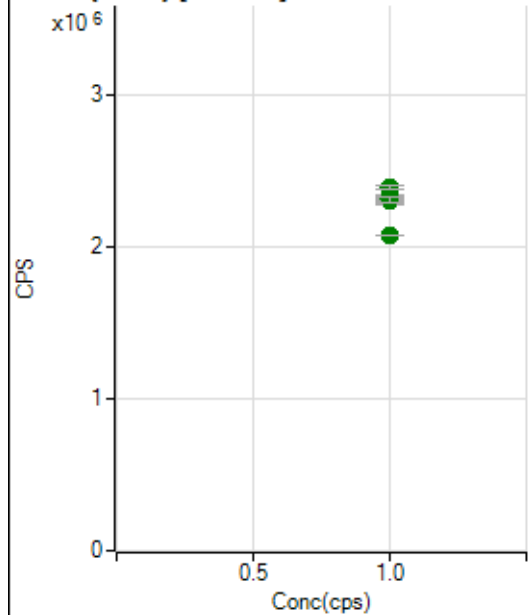
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2389415.50		A	7.1
2	☐	1.000		2497662.24		A	0.8
3	☐	1.000		2538620.59		A	1.0
4	☐	1.000		2536209.36		A	2.1
5	☐	1.000		2553517.57		A	1.9
6	☐	1.000		2548986.06		A	0.7
7	☐	1.000		2451125.87		A	7.8
8	☐	1.000		2483402.15		A	1.9

165 Ho (ISTD) [No Gas]

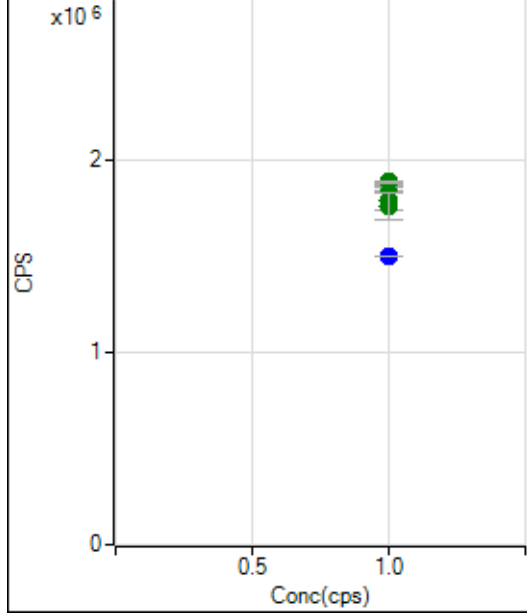
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3646090.95		A	0.4
2	☐	1.000		3668744.18		A	0.7
3	☐	1.000		3732262.10		A	0.9
4	☐	1.000		3722323.90		A	0.7
5	☐	1.000		3730679.91		A	0.4
6	☐	1.000		3751553.83		A	0.8
7	☐	1.000		3938206.05		A	0.7
8	☐	1.000		3660413.66		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2452224.79		A	6.3
2	☐	1.000		2544757.97		A	1.0
3	☐	1.000		2588456.74		A	1.3
4	☐	1.000		2577959.33		A	0.4
5	☐	1.000		2584057.01		A	1.3
6	☐	1.000		2654504.42		A	1.2
7	☐	1.000		2510092.95		A	8.6
8	☐	1.000		2535541.09		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2304045.42		A	0.5
2	☐	1.000		2296457.66		A	1.4
3	☐	1.000		2316398.44		A	0.8
4	☐	1.000		2329899.39		A	0.9
5	☐	1.000		2324430.43		A	0.5
6	☐	1.000		2308863.06		A	1.4
7	☐	1.000		2385328.85		A	1.2
8	☐	1.000		2071315.94		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1788054.33		A	5.4
2	☐	1.000		1867123.53		A	1.1
3	☐	1.000		1882542.49		A	1.0
4	☐	1.000		1878939.30		A	1.2
5	☐	1.000		1860586.47		A	0.3
6	☐	1.000		1886867.59		A	0.4
7	☐	1.000		1761859.59		A	8.3
8	☐	1.000		1498149.94		P	0.4