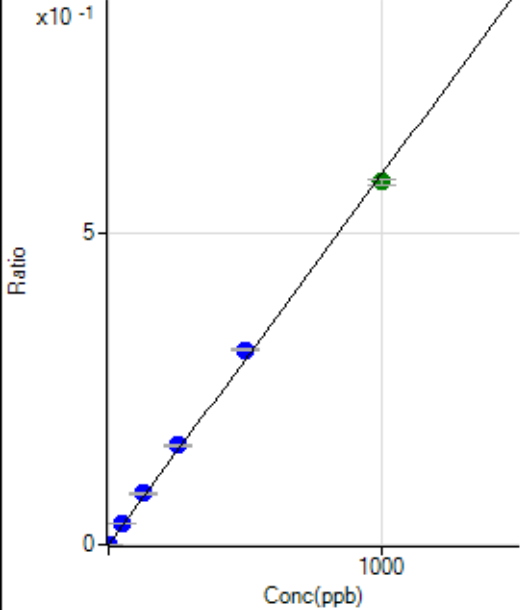


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092924-MS.b\
Analysis File: P7092924-MS.batch.bin
DA Date-Time: 2024-09-29 23:32:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-09-29 15:38:55
2	005CALS.d	S02	2024-09-29 15:42:12
3	006CALS.d	S03	2024-09-29 15:45:31
4	007CALS.d	S04	2024-09-29 15:48:39
5	008CALS.d	S05	2024-09-29 15:51:39
6	009CALS.d	S06	2024-09-29 15:54:28
7	010CALS.d	S07	2024-09-29 15:57:17
8	011CALS.d	S08	2024-09-29 16:00:03

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.05	0.0000	P	12.1
2	☐	1.000	1.070	1267.37	0.0006	P	6.2
3	☐	50.000	55.838	65689.47	0.0331	P	0.7
4	☐	125.000	137.931	163283.13	0.0817	P	1.3
5	☐	250.000	267.604	319067.75	0.1585	P	0.4
6	☐	500.000	526.648	621067.25	0.3120	P	0.4
7	☐	1000.000	980.367	1164038.01	0.5807	A	1.4
8	☐			264.71	0.0001	P	6.7

$y = 5.9231E-004 * x + 1.5581E-005$

$R = 0.9993$

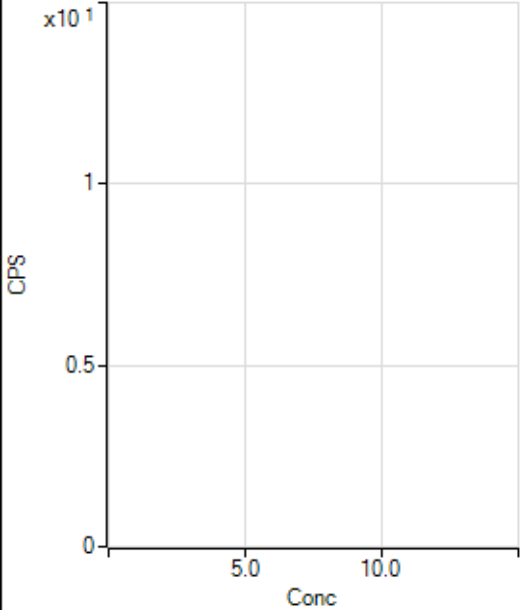
$DL = 0.009523$

$BEC = 0.02631$

Weight: <None>

Min Conc: 0

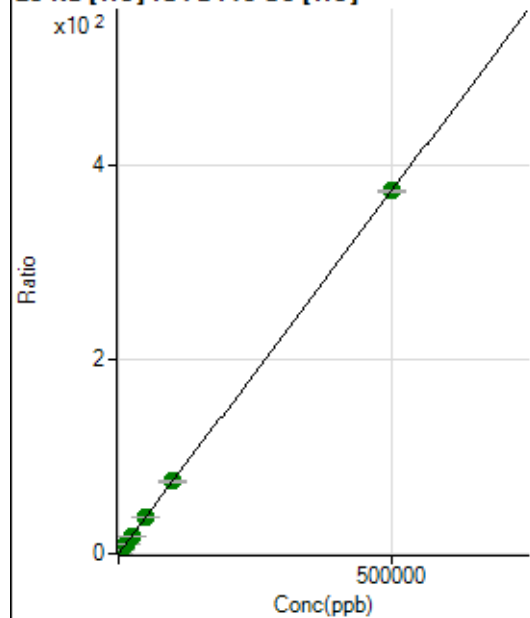
12 C [No Gas] No available calibration points



	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	8434.60	0.0166	P	2.7
2	☐	500.000	504.613	197112.86	0.3929	P	0.9
3	☐	5000.000	5013.767	1862891.88	3.7554	A	0.4
4	☐	12500.000	12505.417	4538192.36	9.3420	A	0.5
5	☐	25000.000	24995.380	8827894.94	18.6558	A	0.7
6	☐	50000.000	49780.758	17193743.36	37.1383	A	0.3
7	☐	100000.00	99543.583	35375724.19	74.2466	A	0.7
8	☐	500000.00	500113.16	174285939.6	372.9526	A	0.4

$$y = 7.4570\text{E-}004 * x + 0.0166$$

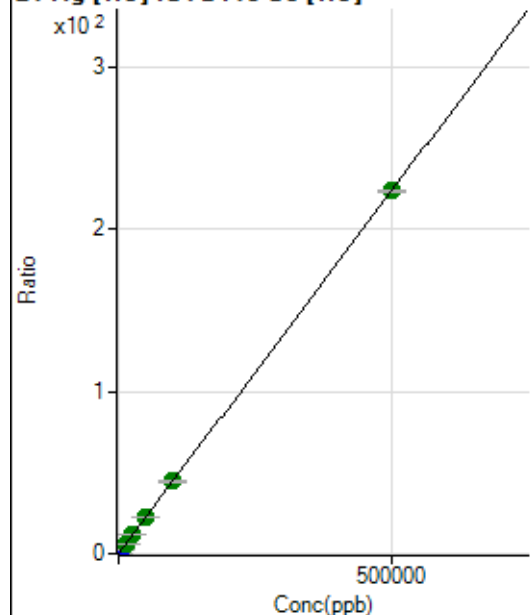
$$R = 1.0000$$

$$DL = 1.832$$

$$BEC = 22.31$$

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	535.57	0.0011	P	12.4
2	☐	500.000	534.300	120411.86	0.2400	P	1.1
3	☐	5000.000	5243.127	1163744.03	2.3460	P	1.0
4	☐	12500.000	12656.525	2750301.83	5.6617	A	1.5
5	☐	25000.000	25315.382	5358150.34	11.3233	A	0.3
6	☐	50000.000	50171.839	10388767.83	22.4404	A	0.6
7	☐	100000.00	99642.831	21234199.96	44.5662	A	0.6
8	☐	500000.00	500032.10	104510495.1	223.6400	A	0.6

$$y = 4.4725\text{E-}004 * x + 0.0011$$

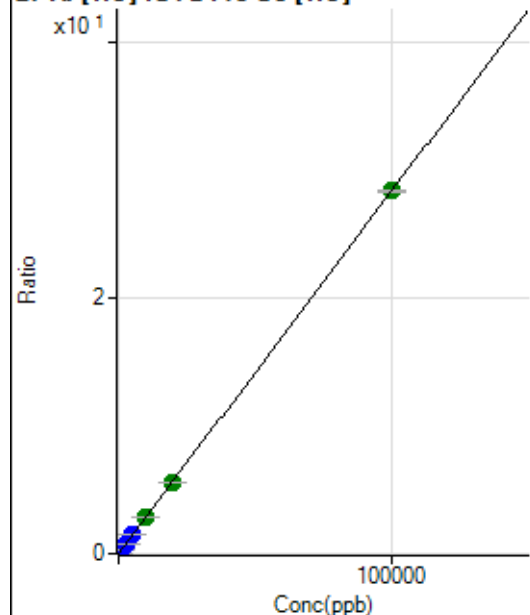
$$R = 1.0000$$

$$DL = 0.8826$$

$$BEC = 2.364$$

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	108.89	0.0002	P	5.2
2	☐	20.000	19.292	2851.40	0.0057	P	2.9
3	☐	1000.000	1035.769	145756.14	0.2938	P	0.5
4	☐	2500.000	2585.300	356120.43	0.7331	P	0.9
5	☐	5000.000	5140.030	689586.15	1.4573	P	0.3
6	☐	10000.000	9932.126	1303592.93	2.8157	A	0.3
7	☐	20000.000	19508.343	2635078.45	5.5304	A	0.7
8	☐	100000.00	100095.62	13260109.66	28.3751	A	0.2

$$y = 2.8348\text{E-}004 * x + 2.1464\text{E-}004$$

$$R = 1.0000$$

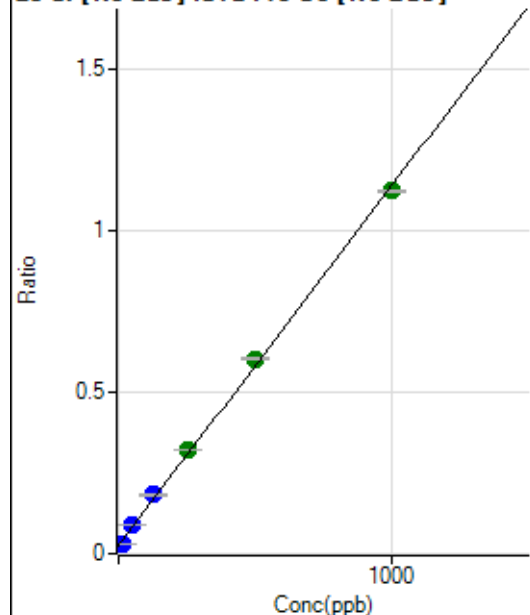
$$DL = 0.1172$$

$$BEC = 0.7572$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166533.25	0.0272	P	0.8
2	☐	10.000	2.374	182161.73	0.0299	P	1.1
3	☐	50.000	55.374	539425.80	0.0888	P	1.3
4	☐	125.000	139.716	1089519.49	0.1826	P	1.8
5	☐	250.000	263.992	1870488.46	0.3209	A	0.8
6	☐	500.000	517.479	3388216.61	0.6029	A	0.7
7	☐	1000.000	985.731	6500918.65	1.1238	A	0.6
8	☐			191023.19	0.0349	P	4.6

$$y = 0.0011 * x + 0.0272$$

$$R = 0.9995$$

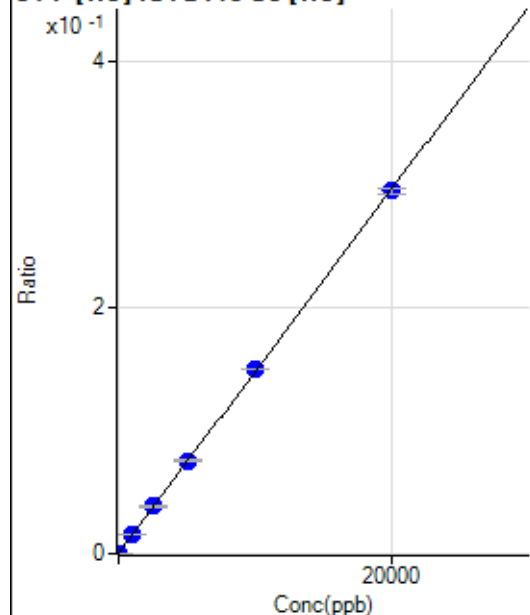
$$DL = 0.5866$$

$$BEC = 24.47$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.587	120.00	0.0002	P	14.0
2	☐	0.000	14.587	335.56	0.0007	P	5.9
3	☐	1000.000	1035.508	7827.61	0.0158	P	2.4
4	☐	2500.000	2570.010	18699.27	0.0385	P	1.4
5	☐	5000.000	5088.384	35853.01	0.0758	P	1.4
6	☐	10000.000	10113.644	69514.55	0.1502	P	0.5
7	☐	20000.000	19910.555	140631.81	0.2952	P	1.2
8	☐			167.78	0.0004	P	14.6

$$y = 1.4802E-005 * x + 4.5283E-004$$

$$R = 1.0000$$

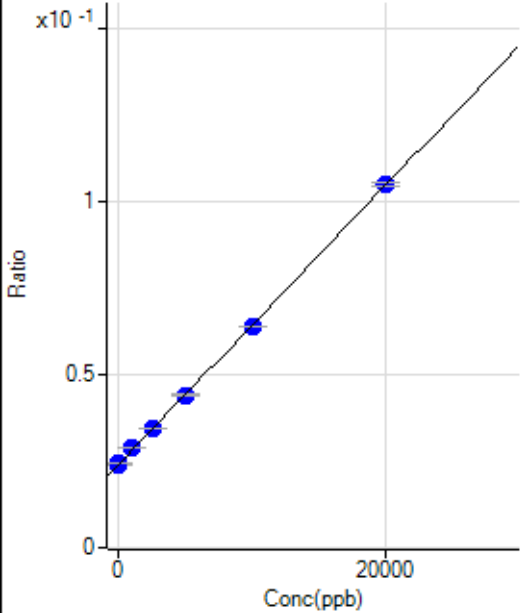
$$DL = 7.372$$

$$BEC = 30.59$$

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	-57.083	146701.60	0.0240	P	1.2
2	☐	0.000	57.083	149084.16	0.0244	P	0.8
3	☐	1000.000	1175.873	175742.08	0.0289	P	0.6
4	☐	2500.000	2540.565	205365.88	0.0344	P	1.2
5	☐	5000.000	4947.920	257098.34	0.0441	P	0.8
6	☐	10000.000	9897.265	359758.42	0.0640	P	0.2
7	☐	20000.000	20050.523	606528.05	0.1048	P	1.1
8	☐			118209.39	0.0216	P	6.6

$y = 4.0218E-006 * x + 0.0242$

R = 0.9999

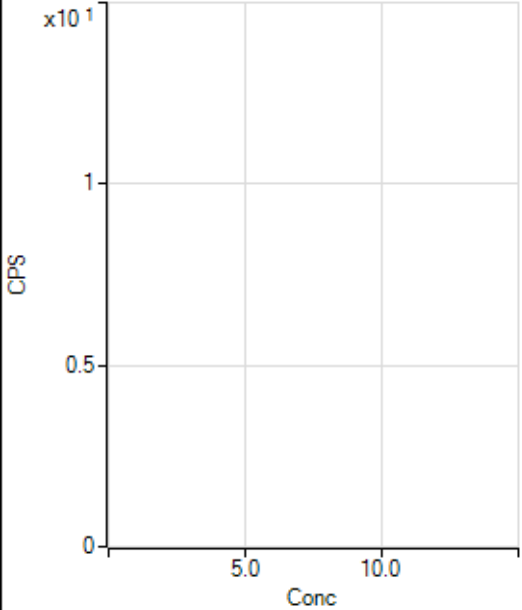
DL = 176.9

BEC = 6019

Weight: <None>

Min Conc: 0

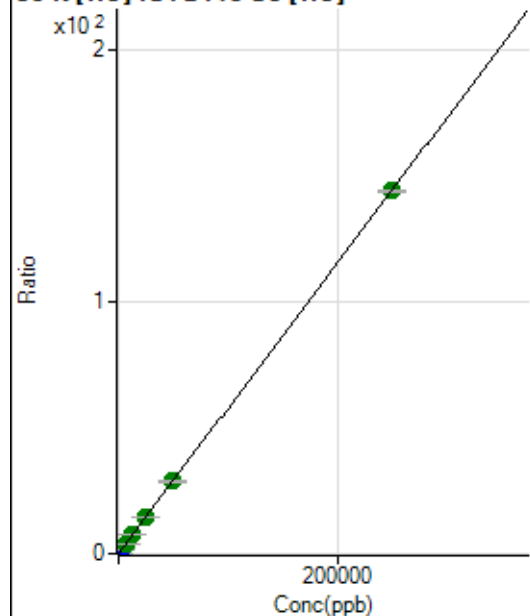
35 Cl [No Gas] No available calibration points



	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	39388.68	0.0777	P	1.3
2	☐	500.000	519.623	188822.90	0.3764	P	0.6
3	☐	2500.000	2725.853	815816.12	1.6446	P	0.8
4	☐	6250.000	6406.205	1826731.10	3.7603	A	1.4
5	☐	12500.000	12584.327	3459942.38	7.3117	A	0.6
6	☐	25000.000	24951.685	6676434.83	14.4211	A	0.2
7	☐	50000.000	49622.826	13628235.77	28.6032	A	0.7
8	☐	250000.00	250069.84	67213392.89	143.8293	A	0.3

$$y = 5.7485E-004 * x + 0.0777$$

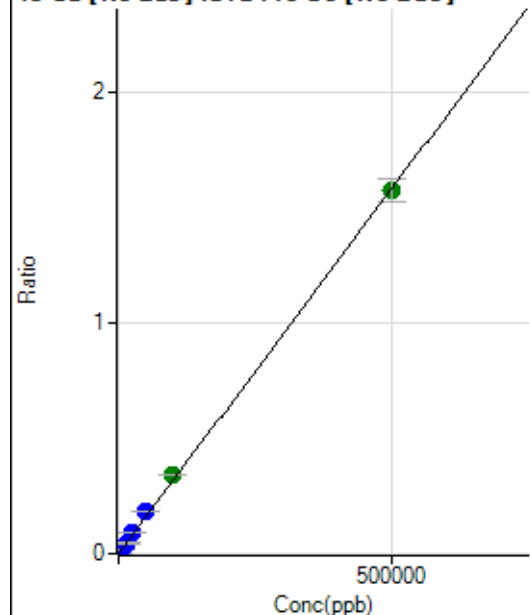
$$R = 1.0000$$

$$DL = 5.42$$

$$BEC = 135.1$$

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	298.89	0.0000	P	11.0
2	☐	500.000	499.212	9922.19	0.0016	P	1.1
3	☐	5000.000	5784.948	111319.87	0.0183	P	1.4
4	☐	12500.000	14482.134	273288.60	0.0458	P	1.4
5	☐	25000.000	28792.282	530629.29	0.0910	P	0.4
6	☐	50000.000	57400.021	1019649.06	0.1814	P	0.5
7	☐	100000.00	107693.49	1968908.03	0.3403	A	0.5
8	☐	500000.00	497474.28	8599084.59	1.5720	A	6.5

$$y = 3.1599\text{E-}006 * x + 4.8880\text{E-}005$$

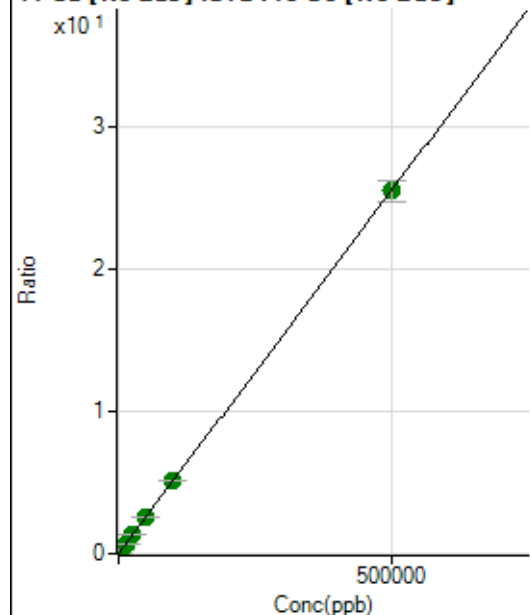
$$R = 0.9998$$

$$DL = 5.126$$

$$BEC = 15.47$$

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	6707.33	0.0011	P	3.5
2	☐	500.000	500.042	162109.16	0.0266	P	0.4
3	☐	5000.000	5214.963	1620372.84	0.2668	A	0.4
4	☐	12500.000	12928.192	3935731.33	0.6597	A	1.4
5	☐	25000.000	25696.562	7637580.72	1.3102	A	0.8
6	☐	50000.000	51482.537	14747025.47	2.6239	A	0.3
7	☐	100000.00	101306.50	29863701.22	5.1623	A	0.2
8	☐	500000.00	499542.76	139241381.2	25.4510	A	6.0

$$y = 5.0946\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

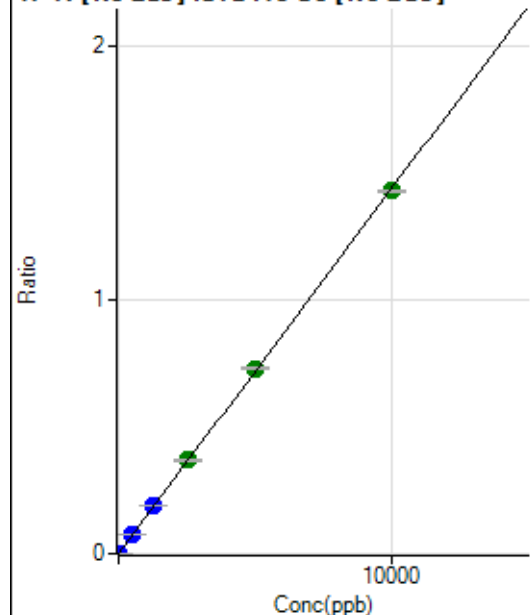
$$DL = 2.249$$

$$BEC = 21.52$$

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	81.11	0.0000	P	12.0
2	☐	5.000	4.805	4292.86	0.0007	P	2.2
3	☐	500.000	521.065	454824.39	0.0749	P	0.3
4	☐	1250.000	1304.631	1118410.53	0.1875	P	1.3
5	☐	2500.000	2555.699	2140746.98	0.3672	A	0.5
6	☐	5000.000	5073.400	4097163.62	0.7290	A	0.7
7	☐	10000.000	9941.493	8263877.93	1.4285	A	0.7
8	☐			1829.02	0.0003	P	11.0

$$y = 1.4369E-004 * x + 1.3259E-005$$

$$R = 0.9999$$

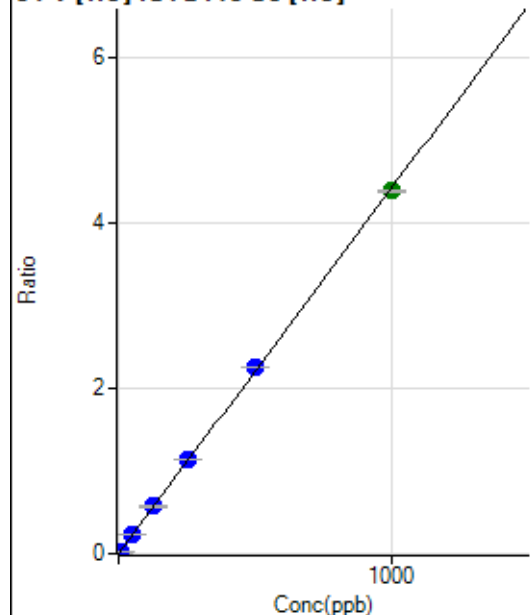
$$DL = 0.03329$$

$$BEC = 0.09227$$

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	14.44	0.0000	P	36.5
2	☐	5.000	5.044	11197.57	0.0223	P	2.6
3	☐	50.000	51.729	113426.49	0.2287	P	1.0
4	☐	125.000	129.269	277556.29	0.5714	P	1.2
5	☐	250.000	256.245	535939.65	1.1326	P	0.5
6	☐	500.000	509.688	1042916.08	2.2527	P	0.3
7	☐	1000.000	992.974	2091099.24	4.3888	A	0.5
8	☐			533.35	0.0011	P	9.0

$$y = 0.0044 * x + 2.8566E-005$$

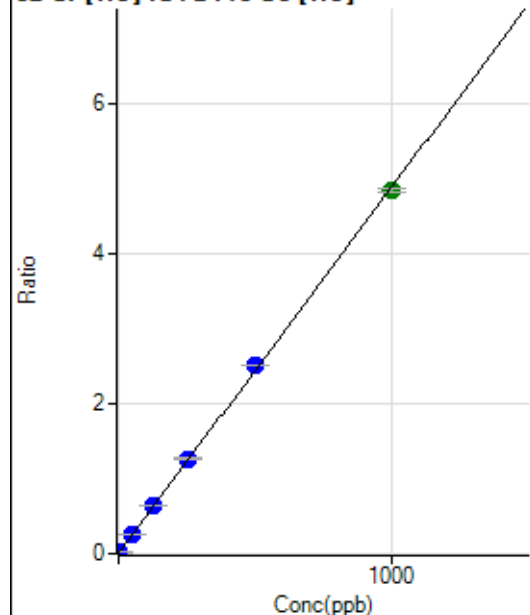
$$R = 0.9999$$

$$DL = 0.007069$$

$$BEC = 0.006463$$

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	2052.38	0.0040	P	2.7
2	☐	2.000	2.071	7096.17	0.0141	P	3.5
3	☐	50.000	52.760	129587.46	0.2612	P	0.7
4	☐	125.000	130.935	312024.52	0.6423	P	1.2
5	☐	250.000	258.468	598128.55	1.2640	P	0.7
6	☐	500.000	513.252	1160170.36	2.5060	P	0.4
7	☐	1000.000	990.377	2302281.41	4.8319	A	1.2
8	☐			10431.51	0.0223	P	1.4

$$y = 0.0049 * x + 0.0040$$

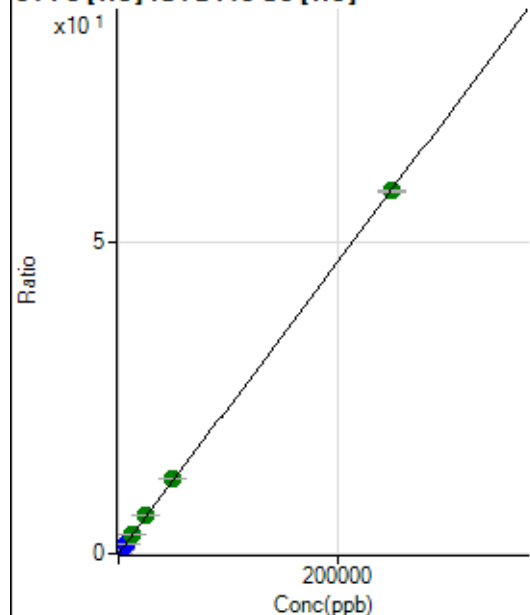
$$R = 0.9998$$

$$DL = 0.06835$$

$$BEC = 0.8304$$

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	1528.98	0.0030	P	7.5
2	☐	50.000	56.835	8162.28	0.0163	P	1.9
3	☐	2500.000	2821.263	327868.56	0.6610	P	1.0
4	☐	6250.000	7063.077	801646.29	1.6502	P	0.5
5	☐	12500.000	13249.661	1463597.84	3.0930	A	0.4
6	☐	25000.000	26314.926	2842447.63	6.1399	A	0.8
7	☐	50000.000	51636.349	5739068.67	12.0452	A	0.7
8	☐	250000.00	249480.21	27190305.99	58.1845	A	0.5

$$y = 2.3321E-004 * x + 0.0030$$

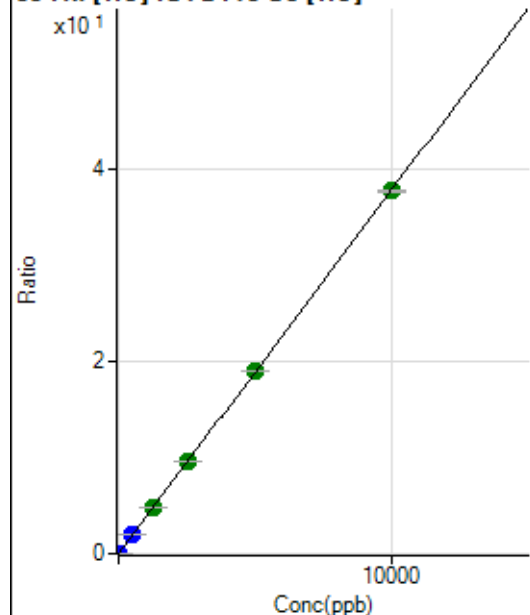
$$R = 1.0000$$

$$DL = 2.922$$

$$BEC = 12.93$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	497.79	0.0010	P	5.8
2	☐	1.000	1.135	2641.37	0.0053	P	2.7
3	☐	500.000	522.269	978271.43	1.9721	P	0.9
4	☐	1250.000	1285.649	2357647.48	4.8533	A	0.7
5	☐	2500.000	2529.135	4517431.88	9.5465	A	0.9
6	☐	5000.000	5016.911	8766585.29	18.9359	A	0.3
7	☐	10000.000	9978.691	17944900.43	37.6627	A	0.7
8	☐			9471.95	0.0203	P	1.1

$$y = 0.0038 * x + 9.8195E-004$$

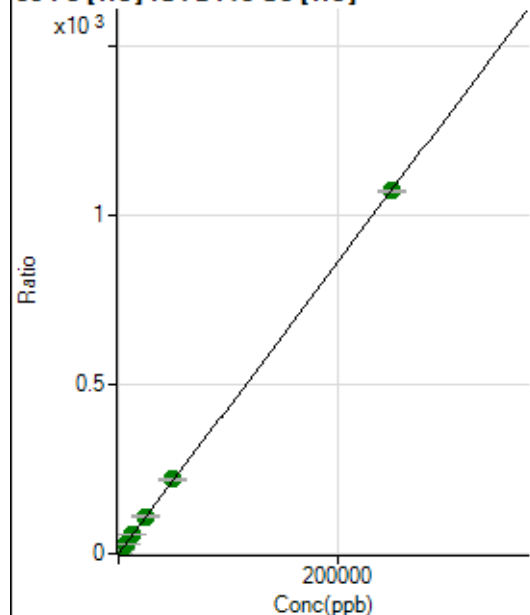
$$R = 1.0000$$

$$DL = 0.04527$$

$$BEC = 0.2602$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14963.08	0.0295	P	1.2
2	☐	50.000	53.813	130660.46	0.2605	P	0.4
3	☐	2500.000	2621.193	5594763.18	11.2787	A	0.9
4	☐	6250.000	6576.330	13723996.19	28.2527	A	2.1
5	☐	12500.000	13061.368	26538516.27	56.0840	A	0.8
6	☐	25000.000	25777.873	51230386.46	110.6585	A	0.4
7	☐	50000.000	51067.717	104435912.8	219.1931	A	0.9
8	☐	250000.00	249671.23	500737161.4	1,071.525	A	0.4

$$y = 0.0043 * x + 0.0295$$

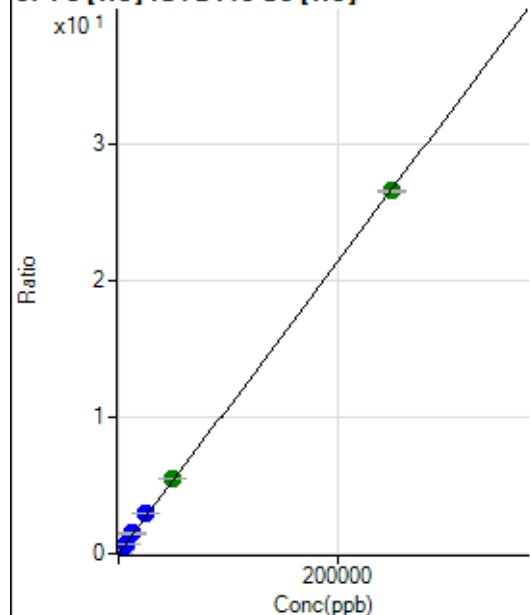
$$R = 1.0000$$

$$DL = 0.2378$$

$$BEC = 6.876$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1158.95	0.0023	P	2.5
2	☐	50.000	54.494	4062.81	0.0081	P	3.7
3	☐	2500.000	2802.062	149389.64	0.3012	P	0.9
4	☐	6250.000	7024.280	365056.92	0.7515	P	2.0
5	☐	12500.000	13896.207	702454.98	1.4845	P	0.6
6	☐	25000.000	27456.486	1356826.26	2.9309	P	0.9
7	☐	50000.000	51765.676	2631753.96	5.5237	A	1.3
8	☐	250000.00	249309.02	12427654.68	26.5942	A	0.7

$$y = 1.0666\text{E-}004 * x + 0.0023$$

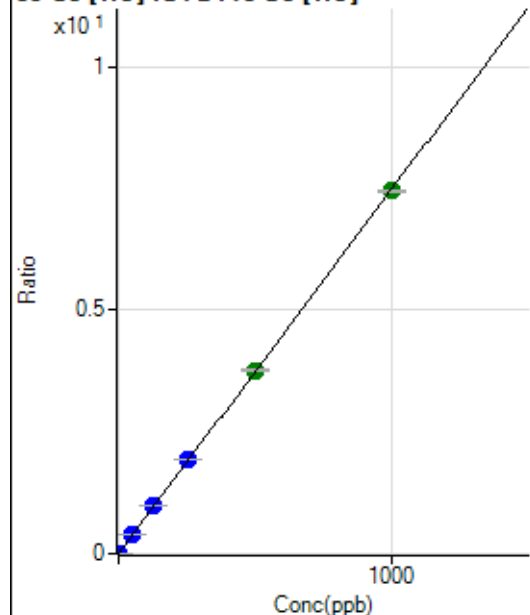
$$R = 0.9999$$

$$DL = 1.603$$

$$BEC = 21.43$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0003	P	11.5
2	☐	1.000	1.072	4147.28	0.0083	P	3.2
3	☐	50.000	52.473	194638.92	0.3924	P	0.6
4	☐	125.000	130.931	475426.34	0.9787	P	0.8
5	☐	250.000	256.672	907746.21	1.9183	P	0.4
6	☐	500.000	502.854	1739786.29	3.7580	A	0.9
7	☐	1000.000	996.040	3546492.79	7.4435	A	0.8
8	☐			9497.52	0.0203	P	0.3

$$y = 0.0075 * x + 2.5631\text{E-}004$$

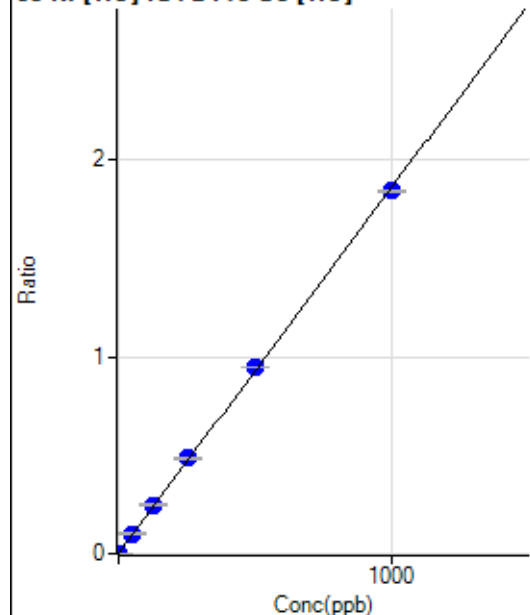
$$R = 1.0000$$

$$DL = 0.01181$$

$$BEC = 0.0343$$

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	497.79	0.0010	P	8.9
2	☐	1.000	0.967	1394.52	0.0028	P	3.7
3	☐	50.000	54.271	50541.52	0.1019	P	2.0
4	☐	125.000	132.807	120426.24	0.2479	P	1.2
5	☐	250.000	260.573	229715.65	0.4855	P	0.7
6	☐	500.000	509.631	439117.44	0.9485	P	0.4
7	☐	1000.000	991.352	878667.00	1.8442	P	0.8
8	☐			4132.83	0.0088	P	2.3

$$y = 0.0019 * x + 9.8232E-004$$

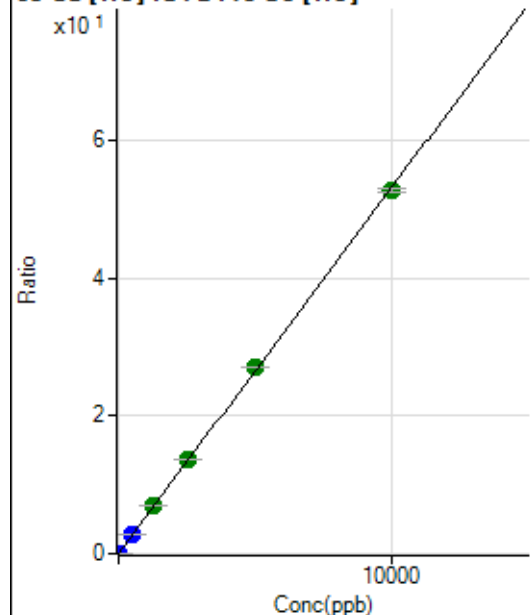
$$R = 0.9999$$

$$DL = 0.1405$$

$$BEC = 0.5283$$

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	922.26	0.0018	P	1.1
2	☐	2.000	1.963	6143.54	0.0122	P	2.7
3	☐	500.000	532.213	1403599.46	2.8296	P	1.2
4	☐	1250.000	1324.521	3419436.72	7.0393	A	1.8
5	☐	2500.000	2579.622	6486641.50	13.7079	A	0.6
6	☐	5000.000	5105.058	12558405.92	27.1262	A	0.4
7	☐	10000.000	9916.640	25105021.57	52.6912	A	0.9
8	☐			5727.82	0.0123	P	2.3

$$y = 0.0053 * x + 0.0018$$

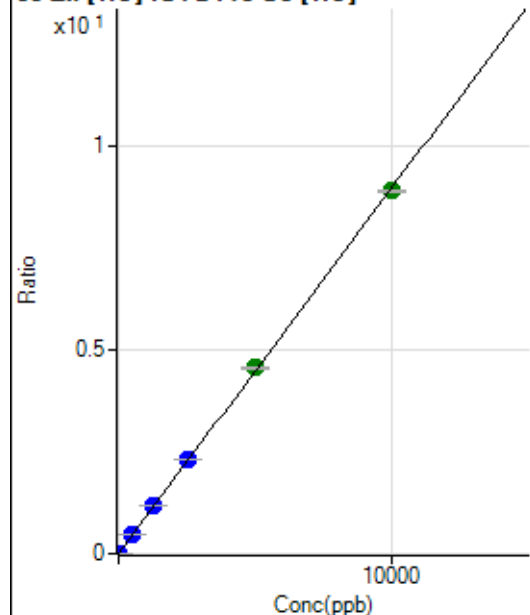
$$R = 0.9999$$

$$DL = 0.01145$$

$$BEC = 0.3423$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	476.68	0.0009	P	6.6
2	☐	5.000	5.118	2774.73	0.0055	P	5.1
3	☐	500.000	526.362	234700.24	0.4731	P	0.6
4	☐	1250.000	1308.592	570728.46	1.1749	P	1.0
5	☐	2500.000	2588.043	1099074.26	2.3227	P	0.4
6	☐	5000.000	5082.204	2111116.01	4.5602	A	0.8
7	☐	10000.000	9928.245	4244060.39	8.9075	A	0.8
8	☐			2122.39	0.0045	P	2.4

$$y = 8.9709\text{E-}004 * x + 9.4041\text{E-}004$$

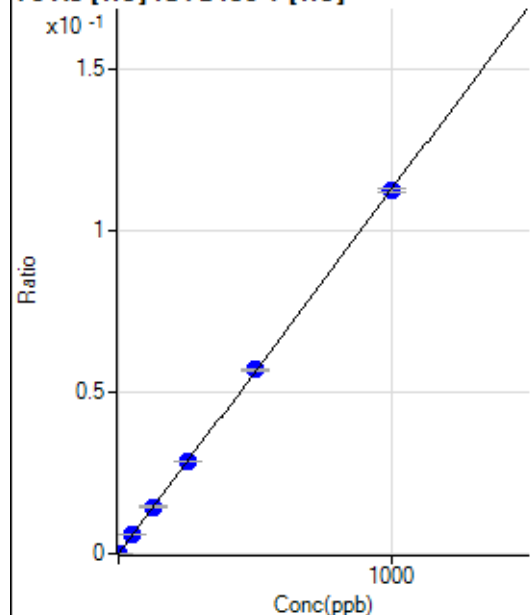
$$R = 0.9999$$

$$DL = 0.2075$$

$$BEC = 1.048$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.1
2	☐	1.000	1.107	367.78	0.0001	P	17.7
3	☐	50.000	52.974	17164.47	0.0060	P	0.7
4	☐	125.000	128.872	41484.51	0.0145	P	2.5
5	☐	250.000	254.478	80683.16	0.0287	P	0.3
6	☐	500.000	504.573	156689.99	0.0569	P	0.3
7	☐	1000.000	995.961	319423.26	0.1123	P	1.0
8	☐			178.89	0.0001	P	12.7

$$y = 1.1277\text{E-}004 * x + 1.1294\text{E-}006$$

$$R = 1.0000$$

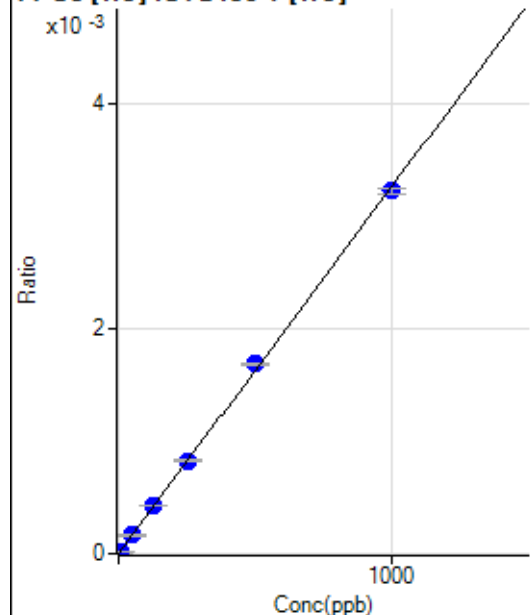
$$DL = 0.0003294$$

$$BEC = 0.01002$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.257	51.11	0.0000	P	20.2
3	☐	50.000	51.288	481.13	0.0002	P	6.6
4	☐	125.000	130.726	1216.73	0.0004	P	1.4
5	☐	250.000	253.117	2319.09	0.0008	P	2.2
6	☐	500.000	517.954	4647.44	0.0017	P	1.3
7	☐	1000.000	989.462	9169.57	0.0032	P	1.3
8	☐			4.45	0.0000	P	86.6

$$y = 3.2578\text{E-}006 * x + 3.7233\text{E-}007$$

$$R = 0.9997$$

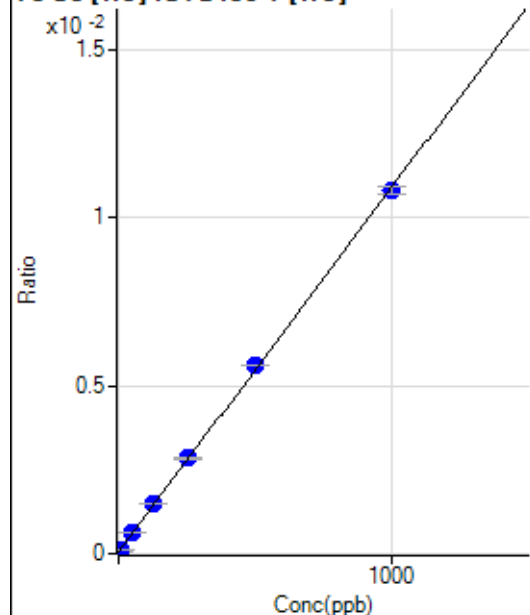
$$DL = 0.5939$$

$$BEC = 0.1143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0001	P	16.3
2	☐	5.000	5.195	318.89	0.0001	P	11.9
3	☐	50.000	53.460	1816.80	0.0006	P	5.1
4	☐	125.000	133.514	4282.88	0.0015	P	1.2
5	☐	250.000	258.704	8034.47	0.0029	P	1.9
6	☐	500.000	511.033	15402.54	0.0056	P	0.4
7	☐	1000.000	991.069	30708.48	0.0108	P	2.2
8	☐			160.00	0.0001	P	15.3

$$y = 1.0842\text{E-}005 * x + 5.2744\text{E-}005$$

$$R = 0.9998$$

$$DL = 2.386$$

$$BEC = 4.865$$

Weight: <None>

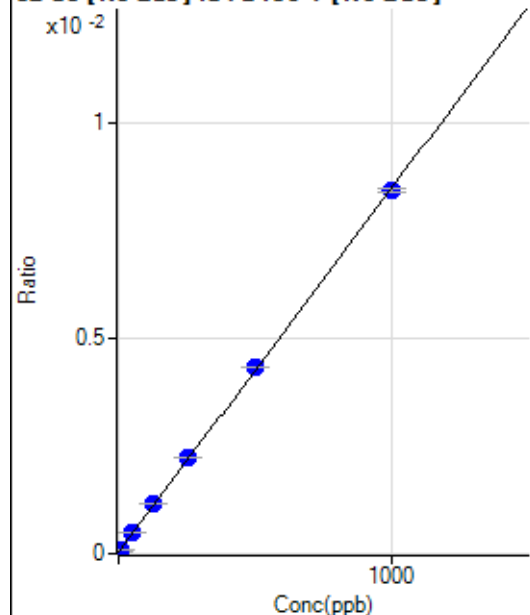
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7757.66		P	2.6
2	☐			7716.52		P	1.5
3	☐			7683.17		P	2.6
4	☐			7255.17		P	2.2
5	☐			7075.08		P	1.4
6	☐			6505.94		P	2.0
7	☐			6752.72		P	2.4
8	☐			7405.25		P	2.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	16.4
2	☐			36.66		P	15.7
3	☐			37.78		P	39.8
4	☐			38.89		P	9.9
5	☐			40.00		P	14.4
6	☐			50.00		P	40.0
7	☐			37.78		P	35.7
8	☐			48.89		P	21.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	472.73	0.0000	P	5.9
2	☐	5.000	5.679	1050.67	0.0001	P	0.5
3	☐	50.000	52.720	5811.28	0.0005	P	0.9
4	☐	125.000	132.211	13753.73	0.0012	P	1.5
5	☐	250.000	259.609	26417.80	0.0022	P	1.0
6	☐	500.000	507.722	50325.24	0.0043	P	0.1
7	☐	1000.000	992.696	100393.32	0.0084	P	1.1
8	☐			565.53	0.0001	P	7.6

$$y = 8.4287\text{E-}006 * x + 3.8982\text{E-}005$$

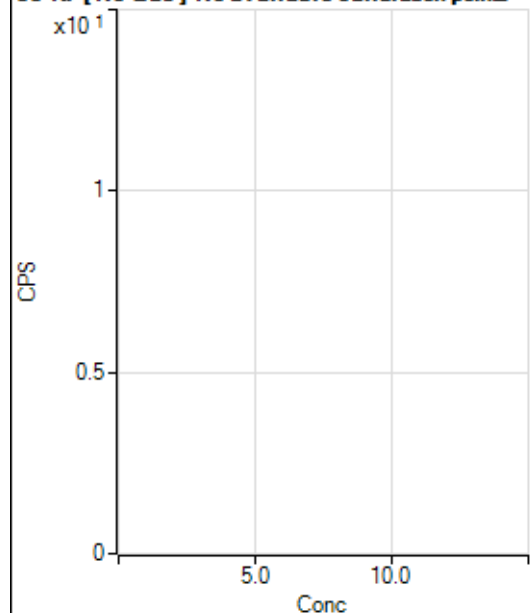
$$R = 0.9999$$

$$DL = 0.8125$$

$$BEC = 4.625$$

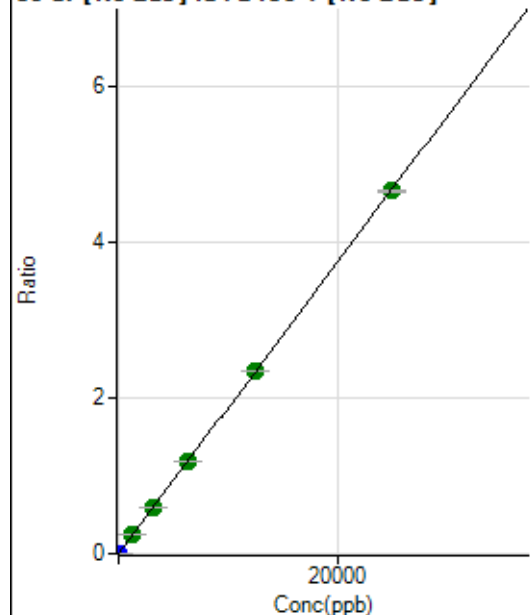
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			132.22		P	16.2
2	☐			122.22		P	25.9
3	☐			127.78		P	6.6
4	☐			117.78		P	22.0
5	☐			110.00		P	16.0
6	☐			133.33		P	6.6
7	☐			128.89		P	9.8
8	☐			148.89		P	9.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.00	0.0000	P	8.4
2	☐	1.000	1.009	2496.90	0.0002	P	3.6
3	☐	1250.000	1283.854	2879423.11	0.2395	A	0.3
4	☐	3125.000	3190.972	7098469.76	0.5952	A	0.8
5	☐	6250.000	6326.242	13997965.49	1.1801	A	0.6
6	☐	12500.000	12573.912	27333273.20	2.3455	A	0.6
7	☐	25000.000	24934.044	55548329.17	4.6511	A	0.7
8	☐			8535.90	0.0008	P	2.4

$$y = 1.8653\text{E-}004 * x + 1.8146\text{E-}005$$

$$R = 1.0000$$

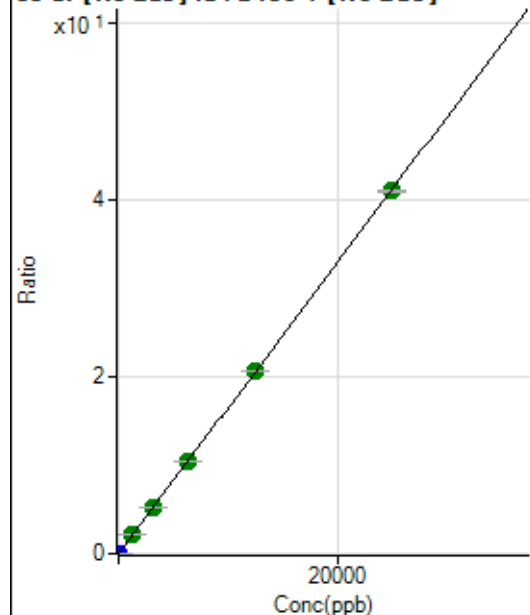
$$DL = 0.02437$$

$$BEC = 0.09728$$

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	250.00	0.0000	P	10.0
2	☐	1.000	0.987	19879.06	0.0016	P	2.3
3	☐	1250.000	1273.963	25181410.73	2.0945	A	0.4
4	☐	3125.000	3196.454	62670813.51	5.2553	A	1.0
5	☐	6250.000	6328.398	123417568.1	10.4046	A	0.4
6	☐	12500.000	12530.683	240085736.4	20.6018	A	0.1
7	☐	25000.000	24954.929	489999628.2	41.0285	A	0.8
8	☐			73557.04	0.0067	P	4.5

$$y = 0.0016 * x + 2.0605\text{E-}005$$

$$R = 1.0000$$

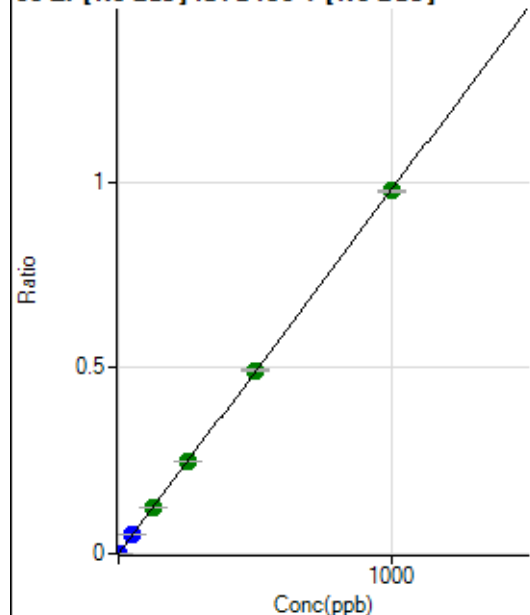
$$DL = 0.00377$$

$$BEC = 0.01253$$

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	631.13	0.0001	P	5.6
2	☐	1.000	0.970	12134.00	0.0010	P	0.9
3	☐	50.000	51.095	602778.45	0.0501	P	0.5
4	☐	125.000	127.902	1495782.96	0.1254	A	0.7
5	☐	250.000	253.808	2951835.55	0.2488	A	1.2
6	☐	500.000	503.691	5754494.71	0.4938	A	0.6
7	☐	1000.000	996.785	11670492.05	0.9772	A	0.8
8	☐			7296.32	0.0007	P	3.3

$$y = 9.8026\text{E-}004 * x + 5.2020\text{E-}005$$

$$R = 1.0000$$

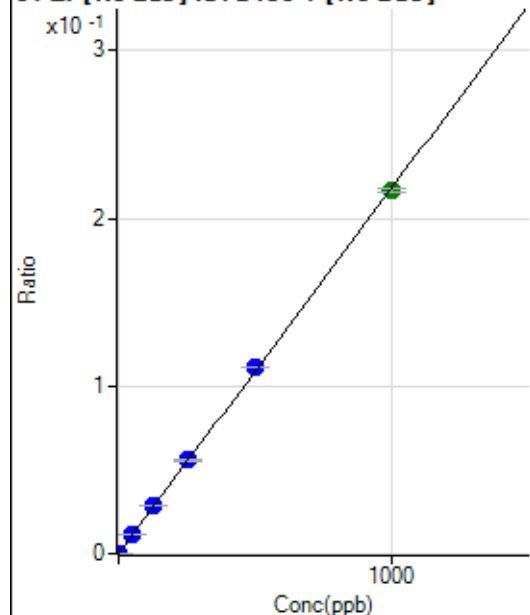
$$DL = 0.008939$$

$$BEC = 0.05307$$

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	136.67	0.0000	P	14.0
2	☐	1.000	0.948	2633.60	0.0002	P	3.8
3	☐	50.000	51.506	134982.59	0.0112	P	0.8
4	☐	125.000	129.274	335865.94	0.0282	P	0.5
5	☐	250.000	255.551	660278.69	0.0557	P	0.3
6	☐	500.000	509.806	1293959.30	0.1110	P	0.5
7	☐	1000.000	993.100	2583129.30	0.2163	A	1.0
8	☐			1584.55	0.0001	P	2.8

$$y = 2.1778\text{E-}004 * x + 1.1272\text{E-}005$$

$$R = 0.9999$$

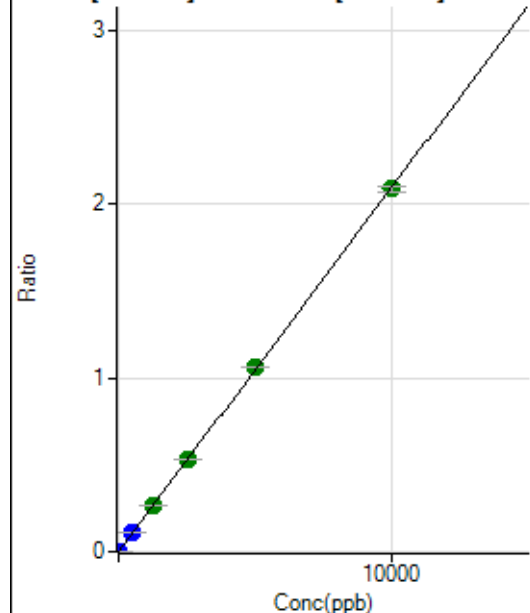
$$DL = 0.02172$$

$$BEC = 0.05176$$

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	358.90	0.0000	P	5.5
2	☐	5.000	5.486	14239.23	0.0012	P	1.5
3	☐	500.000	512.566	1289406.84	0.1073	P	0.7
4	☐	1250.000	1280.401	3194432.66	0.2679	A	1.0
5	☐	2500.000	2517.606	6247379.70	0.5267	A	0.3
6	☐	5000.000	5047.243	12304464.96	1.0558	A	0.0
7	☐	10000.000	9967.548	24901858.80	2.0851	A	1.6
8	☐			7107.35	0.0006	P	7.6

$$y = 2.0919\text{E-}004 * x + 2.9588\text{E-}005$$

$$R = 1.0000$$

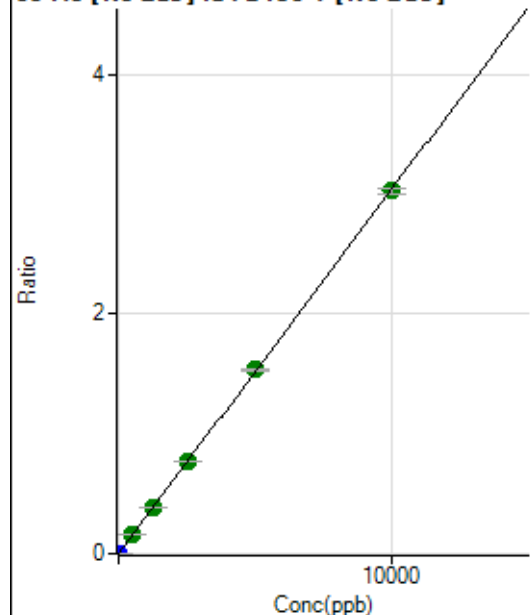
$$DL = 0.02351$$

$$BEC = 0.1414$$

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	300.01	0.0000	P	9.0
2	☐	5.000	4.637	17357.05	0.0014	P	0.3
3	☐	500.000	512.498	1873615.70	0.1559	A	1.3
4	☐	1250.000	1278.224	4635157.46	0.3887	A	0.9
5	☐	2500.000	2525.813	9110157.36	0.7680	A	0.9
6	☐	5000.000	5052.042	17901529.18	1.5361	A	0.6
7	☐	10000.000	9963.373	36180245.01	3.0295	A	1.4
8	☐			7229.63	0.0007	P	7.4

$$y = 3.0406\text{E-}004 * x + 2.4724\text{E-}005$$

$$R = 1.0000$$

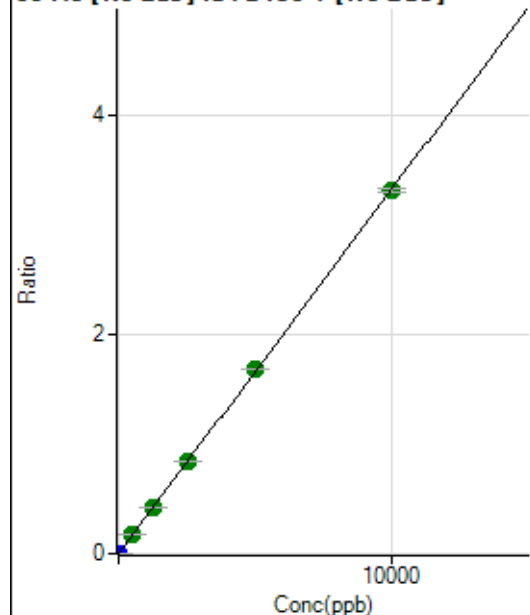
$$DL = 0.02193$$

$$BEC = 0.08131$$

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	387.79	0.0000	P	8.1
2	☐	5.000	4.711	19352.86	0.0016	P	1.3
3	☐	500.000	514.334	2058160.07	0.1712	A	1.2
4	☐	1250.000	1286.749	5106659.37	0.4282	A	1.1
5	☐	2500.000	2519.136	9944085.34	0.8383	A	0.3
6	☐	5000.000	5055.028	19603586.65	1.6822	A	0.4
7	☐	10000.000	9962.392	39593614.97	3.3152	A	1.0
8	☐			15047.87	0.0014	P	5.7

$$y = 3.3277\text{E-}004 * x + 3.1961\text{E-}005$$

$$R = 1.0000$$

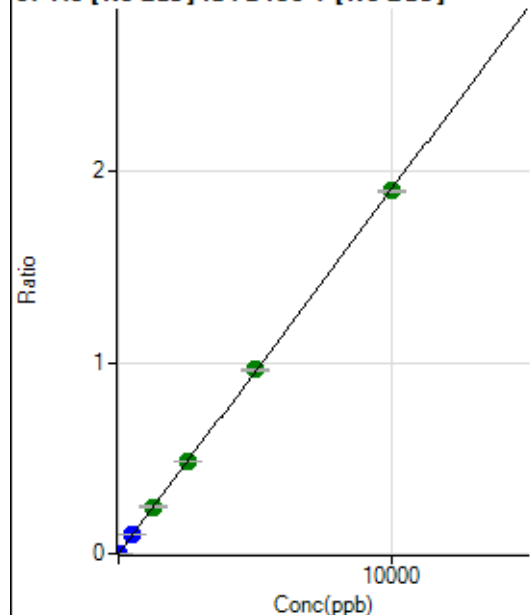
$$DL = 0.02326$$

$$BEC = 0.09605$$

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	182.23	0.0000	P	10.4
2	☐	5.000	4.652	10917.48	0.0009	P	0.6
3	☐	500.000	512.539	1175517.66	0.0978	P	0.7
4	☐	1250.000	1289.583	2933732.49	0.2460	A	0.8
5	☐	2500.000	2532.831	5731015.68	0.4831	A	0.6
6	☐	5000.000	5053.584	11233669.14	0.9640	A	0.8
7	☐	10000.000	9959.425	22688676.33	1.8998	A	0.8
8	☐			4571.87	0.0004	P	5.9

$$y = 1.9075\text{E-}004 * x + 1.5028\text{E-}005$$

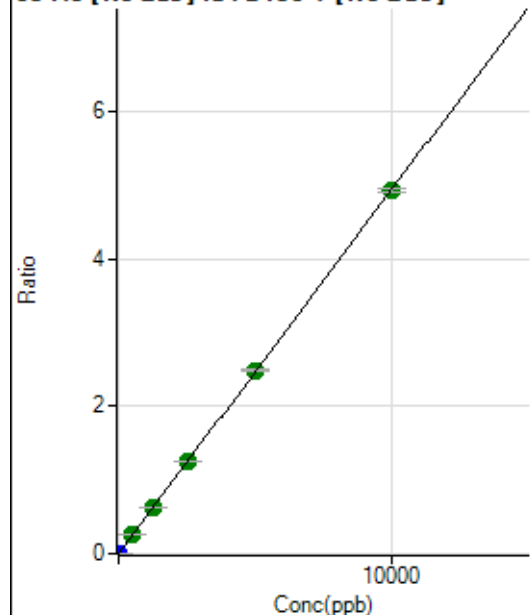
$$R = 1.0000$$

$$DL = 0.02458$$

$$BEC = 0.07878$$

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	501.12	0.0000	P	6.7
2	☐	5.000	4.653	28345.33	0.0023	P	1.9
3	☐	500.000	509.549	3030895.16	0.2521	A	1.5
4	☐	1250.000	1277.788	7539113.84	0.6322	A	0.2
5	☐	2500.000	2518.109	14777490.75	1.2458	A	0.1
6	☐	5000.000	5044.006	29080390.12	2.4954	A	0.5
7	☐	10000.000	9969.519	58904510.23	4.9322	A	1.1
8	☐			11256.63	0.0010	P	5.5

$$y = 4.9472\text{E-}004 * x + 4.1310\text{E-}005$$

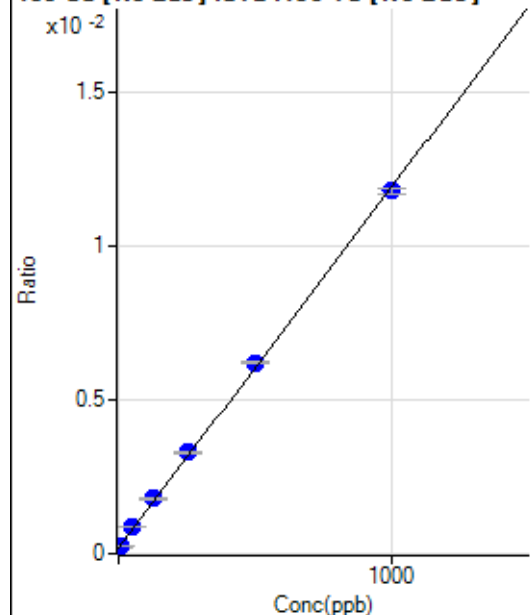
$$R = 1.0000$$

$$DL = 0.01669$$

$$BEC = 0.0835$$

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	3238.17	0.0002	P	1.0
2	☐	1.000	1.452	3486.01	0.0002	P	2.8
3	☐	50.000	56.014	13098.21	0.0009	P	2.2
4	☐	125.000	134.217	27101.99	0.0018	P	1.1
5	☐	250.000	262.426	50489.62	0.0033	P	1.0
6	☐	500.000	511.835	94185.84	0.0062	P	1.2
7	☐	1000.000	989.523	184538.24	0.0118	P	1.5
8	☐			3062.58	0.0002	P	3.6

$$y = 1.1678\text{E-}005 * x + 2.1530\text{E-}004$$

$$R = 0.9998$$

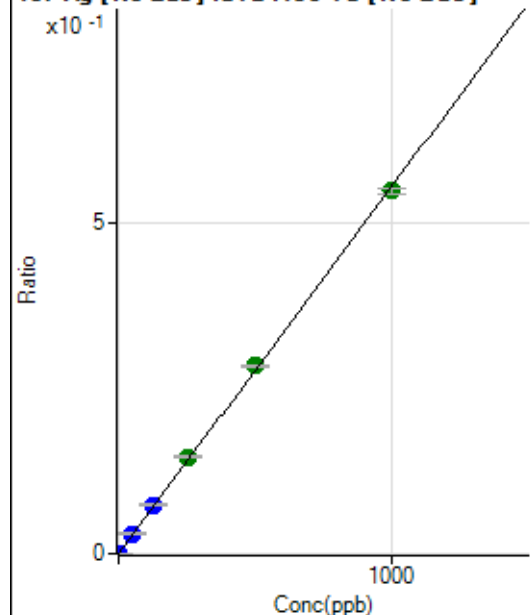
$$DL = 0.5368$$

$$BEC = 18.44$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	32.2
2	☐	1.000	1.009	8486.99	0.0006	P	0.6
3	☐	50.000	54.612	456507.15	0.0303	P	2.3
4	☐	125.000	133.543	1126637.88	0.0741	P	0.5
5	☐	250.000	264.574	2259967.66	0.1468	A	0.9
6	☐	500.000	512.231	4323100.74	0.2842	A	0.6
7	☐	1000.000	988.943	8602957.93	0.5488	A	1.3
8	☐			1470.09	0.0001	P	9.0

$$y = 5.5489\text{E-}004 * x + 5.3959\text{E-}006$$

$$R = 0.9998$$

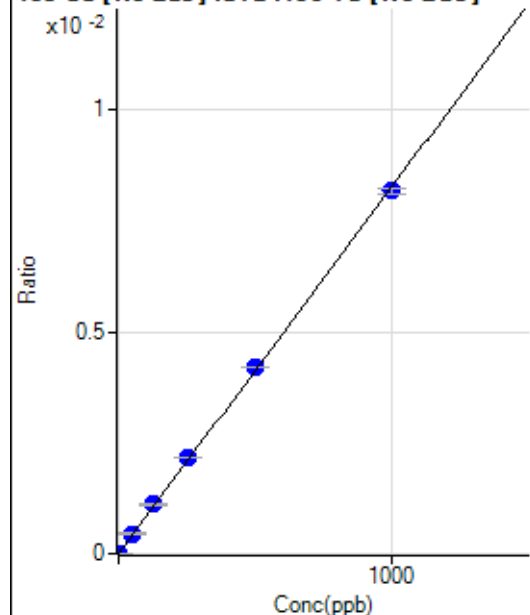
$$DL = 0.009399$$

$$BEC = 0.009724$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.8
2	☐	1.000	1.122	145.56	0.0000	P	17.2
3	☐	50.000	54.888	6826.11	0.0005	P	3.0
4	☐	125.000	135.220	16965.59	0.0011	P	2.4
5	☐	250.000	263.167	33426.25	0.0022	P	0.7
6	☐	500.000	509.801	63970.16	0.0042	P	0.5
7	☐	1000.000	990.286	128078.09	0.0082	P	1.7
8	☐			64.44	0.0000	P	4.2

$$y = 8.2493\text{E-}006 * x + 4.4286\text{E-}007$$

$$R = 0.9998$$

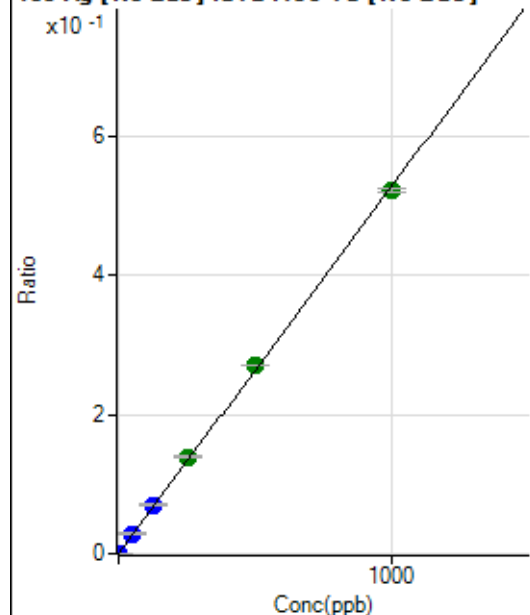
$$DL = 0.08026$$

$$BEC = 0.05368$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	14.7
2	☐	1.000	0.997	7915.57	0.0005	P	4.7
3	☐	50.000	54.757	434477.23	0.0288	P	1.8
4	☐	125.000	133.561	1069582.34	0.0704	P	0.4
5	☐	250.000	264.355	2143541.83	0.1392	A	1.1
6	☐	500.000	513.644	4115101.61	0.2706	A	0.2
7	☐	1000.000	988.282	8161026.61	0.5206	A	1.2
8	☐			1356.75	0.0001	P	12.2

$$y = 5.2674\text{E-}004 * x + 2.2899\text{E-}006$$

$$R = 0.9997$$

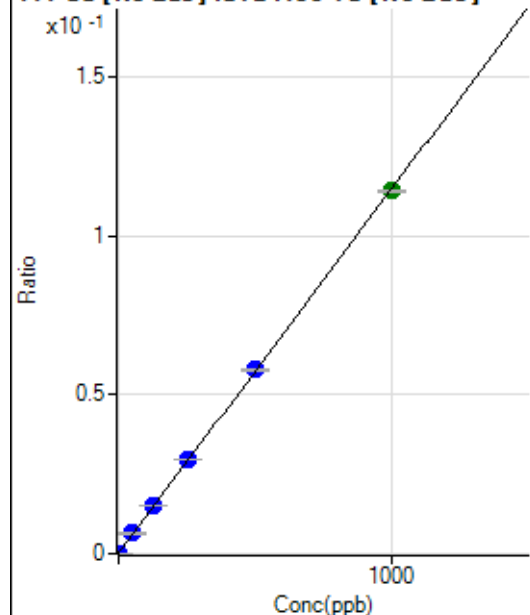
$$DL = 0.001914$$

$$BEC = 0.004347$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2266.50	0.0002	P	0.9
2	☐	1.000	1.104	4159.56	0.0003	P	1.3
3	☐	50.000	54.259	95910.46	0.0064	P	1.1
4	☐	125.000	132.848	233687.00	0.0154	P	0.3
5	☐	250.000	256.224	454209.44	0.0295	P	0.7
6	☐	500.000	504.488	881386.38	0.0580	P	1.1
7	☐	1000.000	995.006	1789566.56	0.1141	A	0.7
8	☐			2400.92	0.0002	P	3.5

$$y = 1.1457\text{E-}004 * x + 1.5069\text{E-}004$$

$$R = 0.9999$$

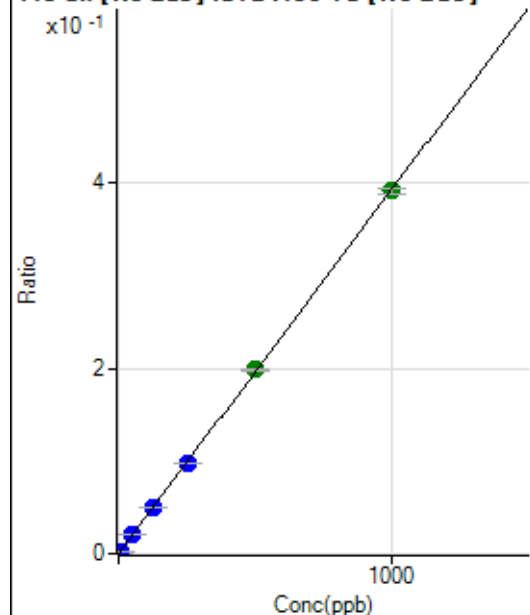
$$DL = 0.03626$$

$$BEC = 1.315$$

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	893.37	0.0001	P	5.1
2	☐	5.000	4.848	29431.23	0.0020	P	0.4
3	☐	50.000	51.579	305621.32	0.0203	P	1.1
4	☐	125.000	126.600	755780.22	0.0497	P	0.1
5	☐	250.000	247.700	1496349.18	0.0972	P	1.0
6	☐	500.000	506.386	3021603.91	0.1987	A	1.3
7	☐	1000.000	997.104	6131762.62	0.3911	A	1.3
8	☐			7171.86	0.0005	P	6.3

$$y = 3.9221\text{E-}004 * x + 5.9403\text{E-}005$$

$$R = 1.0000$$

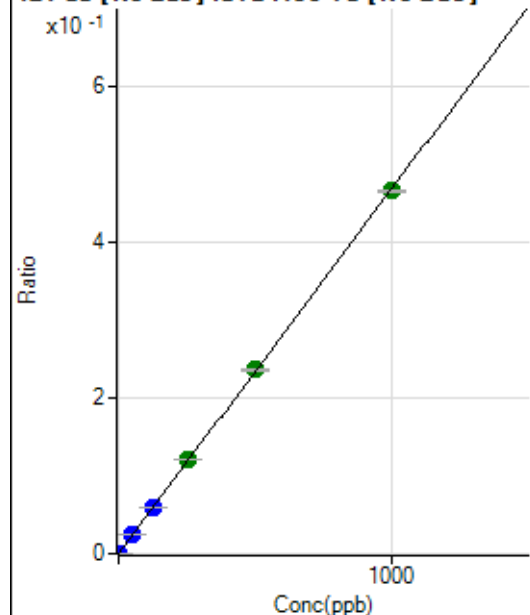
$$DL = 0.02338$$

$$BEC = 0.1515$$

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	93.34	0.0000	P	33.0
2	☐	2.000	2.011	14247.15	0.0009	P	3.0
3	☐	50.000	51.105	361030.08	0.0240	P	1.8
4	☐	125.000	126.542	902157.31	0.0593	P	0.5
5	☐	250.000	257.100	1855905.68	0.1206	A	0.3
6	☐	500.000	505.589	3605790.33	0.2371	A	0.8
7	☐	1000.000	995.183	7315806.56	0.4666	A	0.8
8	☐			5522.22	0.0004	P	10.0

$$y = 4.6890\text{E-}004 * x + 6.2096\text{E-}006$$

$$R = 0.9999$$

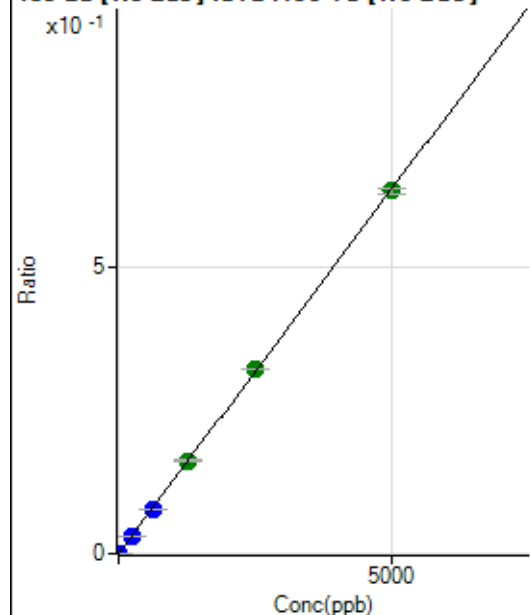
$$DL = 0.01312$$

$$BEC = 0.01324$$

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	73.33	0.0000	P	13.4
2	☐	10.000	9.630	18414.20	0.0012	P	1.7
3	☐	250.000	248.429	474939.83	0.0315	P	1.2
4	☐	625.000	616.783	1189968.20	0.0783	P	0.4
5	☐	1250.000	1274.086	2488790.36	0.1617	A	1.2
6	☐	2500.000	2532.339	4887605.83	0.3214	A	0.7
7	☐	5000.000	4978.915	9904966.73	0.6318	A	1.5
8	☐			3848.34	0.0003	P	5.5

$$y = 1.2690\text{E-}004 * x + 4.8746\text{E-}006$$

$$R = 1.0000$$

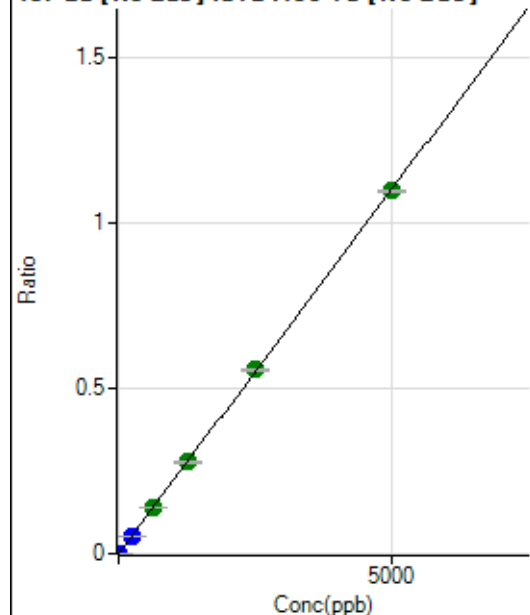
$$DL = 0.01547$$

$$BEC = 0.03841$$

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	148.89	0.0000	P	9.9
2	☐	10.000	9.432	31341.20	0.0021	P	1.1
3	☐	250.000	248.406	824648.29	0.0547	P	1.3
4	☐	625.000	641.686	2149813.54	0.1414	A	0.2
5	☐	1250.000	1261.413	4278542.89	0.2780	A	1.9
6	☐	2500.000	2524.318	8460280.85	0.5563	A	0.7
7	☐	5000.000	4982.983	17214323.63	1.0980	A	0.8
8	☐			6440.41	0.0005	P	5.5

$$y = 2.2035\text{E-}004 * x + 9.8980\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0133$$

$$BEC = 0.04492$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			10.00		P	88.2
3	☐			43.33		P	27.7
4	☐			80.00		P	20.8
5	☐			155.56		P	12.6
6	☐			265.56		P	16.6
7	☐			538.90		P	4.5
8	☐			164.45		P	4.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			5.56		P	34.7
3	☐			12.22		P	15.7
4	☐			17.78		P	10.8
5	☐			28.89		P	43.7
6	☐			44.44		P	18.9
7	☐			121.11		P	7.9
8	☐			104.44		P	21.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	88.7
2	☐			26.67		P	50.0
3	☐			26.67		P	12.5
4	☐			40.00		P	25.0
5	☐			60.00		P	40.1
6	☐			91.11		P	5.6
7	☐			173.33		P	8.8
8	☐			302.23		P	14.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	93.2
2	☐			10.00		P	57.7
3	☐			27.78		P	30.2
4	☐			67.78		P	32.0
5	☐			132.23		P	16.8
6	☐			196.67		P	8.8
7	☐			441.12		P	11.0
8	☐			246.67		P	12.4

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

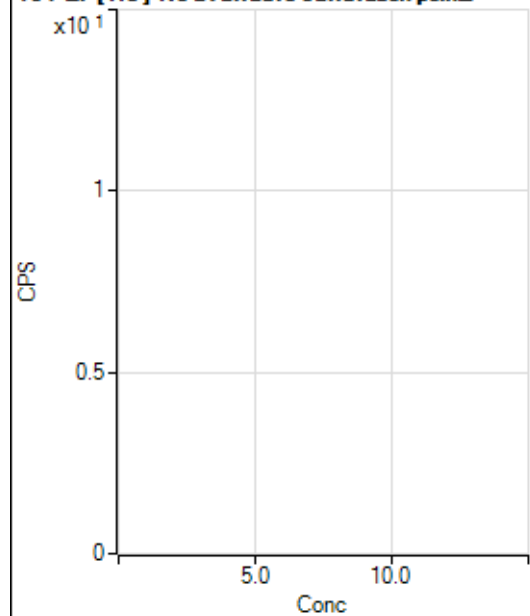
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.45		P	20.9
2	☐			66.67		P	5.0
3	☐			71.11		P	19.5
4	☐			76.67		P	15.1
5	☐			73.33		P	38.8
6	☐			106.67		P	11.3
7	☐			150.00		P	9.7
8	☐			295.56		P	5.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			495.57		P	9.0
2	☐			576.69		P	0.6
3	☐			483.35		P	6.2
4	☐			528.90		P	5.7
5	☐			527.79		P	4.8
6	☐			532.24		P	3.0
7	☐			513.35		P	2.3
8	☐			630.02		P	7.0

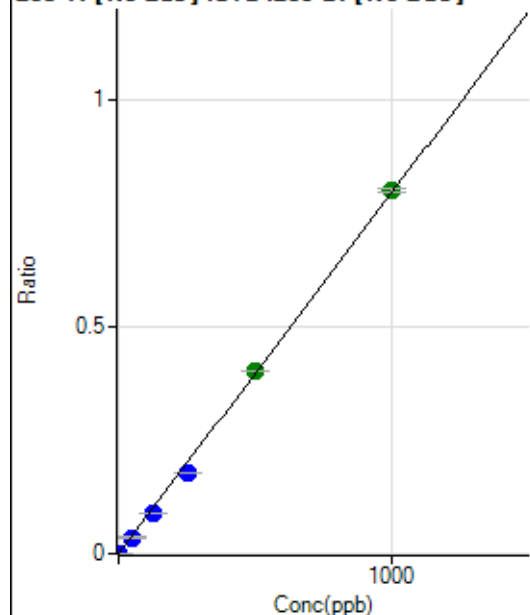
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.11		P	20.9
2	☐			115.56		P	9.3
3	☐			107.78		P	17.0
4	☐			110.00		P	8.0
5	☐			122.22		P	12.9
6	☐			126.67		P	38.8
7	☐			186.67		P	13.5
8	☐			272.23		P	7.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.45		P	21.2
2	☐			55.55		P	6.9
3	☐			53.33		P	25.0
4	☐			68.89		P	19.5
5	☐			86.67		P	10.2
6	☐			82.22		P	13.0
7	☐			121.12		P	11.1
8	☐			216.67		P	7.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0000	P	11.8
2	☐	1.000	0.840	6063.63	0.0007	P	2.1
3	☐	50.000	45.253	322703.71	0.0360	P	1.3
4	☐	125.000	111.811	811407.76	0.0889	P	0.9
5	☐	250.000	225.022	1630398.81	0.1788	P	0.8
6	☐	500.000	505.807	3632468.21	0.4019	A	0.8
7	☐	1000.000	1005.227	7401209.06	0.7988	A	1.0
8	☐			807.81	0.0001	P	11.3

$$y = 7.9461\text{E-}004 * x + 3.9279\text{E-}006$$

$$R = 0.9996$$

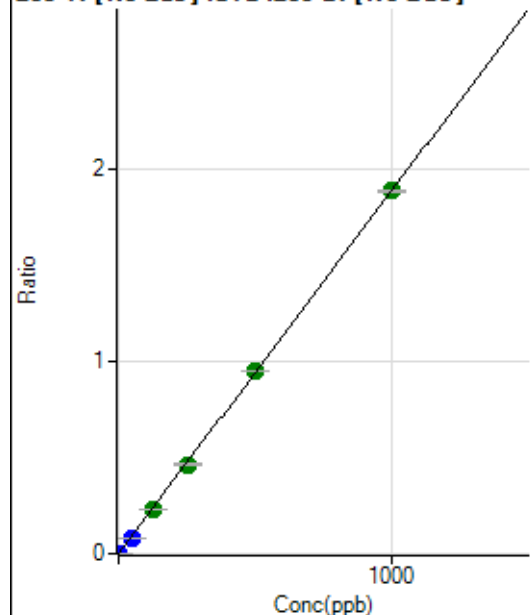
$$DL = 0.001754$$

$$BEC = 0.004943$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0000	P	14.3
2	☐	1.000	0.839	14416.63	0.0016	P	1.9
3	☐	50.000	44.770	758988.84	0.0846	P	1.1
4	☐	125.000	122.983	2121556.36	0.2323	A	1.3
5	☐	250.000	245.966	4236318.55	0.4646	A	1.2
6	☐	500.000	502.452	8577915.22	0.9491	A	0.5
7	☐	1000.000	1000.296	17506086.13	1.8895	A	0.6
8	☐			1973.50	0.0003	P	8.4

$$y = 0.0019 * x + 1.1899\text{E-}005$$

$$R = 1.0000$$

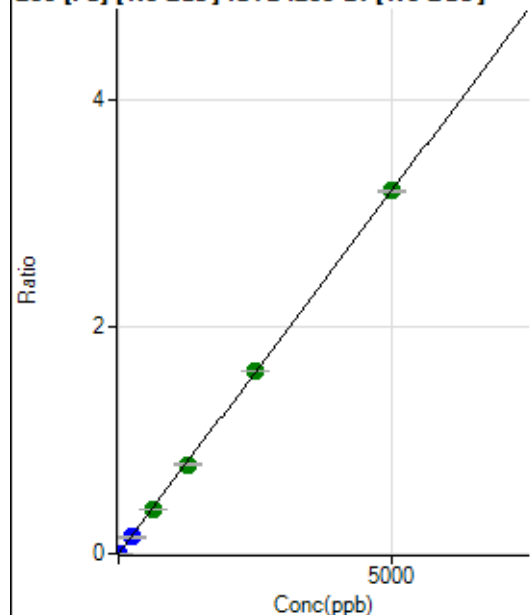
$$DL = 0.002701$$

$$BEC = 0.006299$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	292.23	0.0000	P	7.8
2	☐	1.000	0.853	5226.63	0.0006	P	2.6
3	☐	250.000	226.751	1303028.44	0.1452	P	1.4
4	☐	625.000	619.166	3620718.18	0.3965	A	0.7
5	☐	1250.000	1231.237	7188092.74	0.7884	A	1.2
6	☐	2500.000	2511.039	14531000.89	1.6078	A	0.4
7	☐	5000.000	5001.063	29668103.17	3.2021	A	0.2
8	☐			7363.18	0.0010	P	6.5

$$y = 6.4027E-004 * x + 3.2243E-005$$

$$R = 1.0000$$

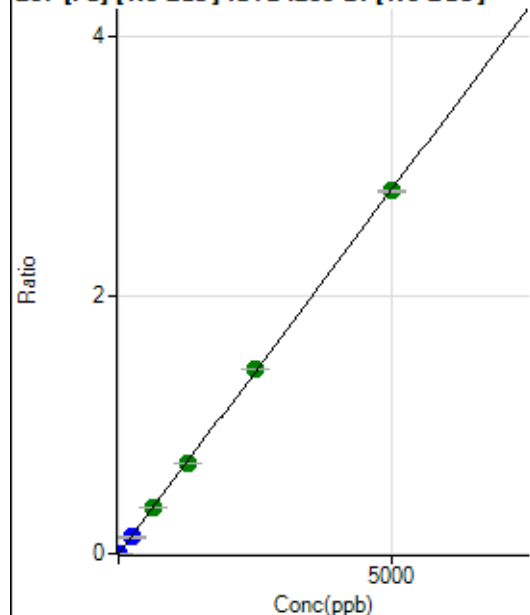
$$DL = 0.01185$$

$$BEC = 0.05036$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.67	0.0000	P	8.7
2	☐	1.000	0.855	4613.04	0.0005	P	1.7
3	☐	250.000	225.331	1138603.75	0.1269	P	1.3
4	☐	625.000	628.142	3229801.27	0.3537	A	1.1
5	☐	1250.000	1247.177	6402550.18	0.7022	A	0.4
6	☐	2500.000	2529.684	12871674.39	1.4242	A	0.3
7	☐	5000.000	4986.704	26012191.00	2.8075	A	0.2
8	☐			6278.18	0.0008	P	9.3

$$y = 5.6299E-004 * x + 2.9453E-005$$

$$R = 1.0000$$

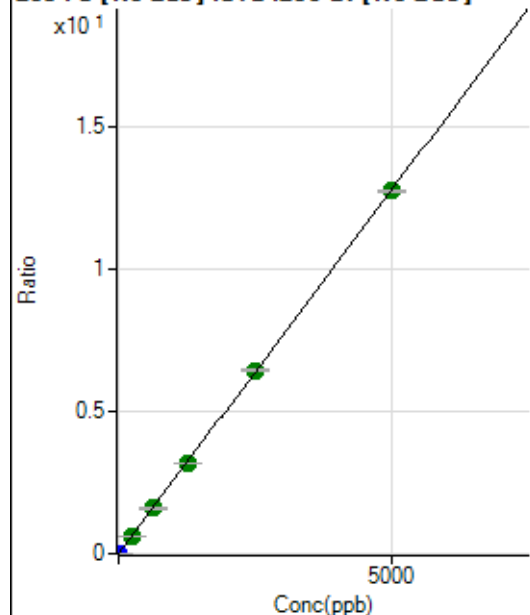
$$DL = 0.01358$$

$$BEC = 0.05232$$

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	1306.71	0.0001	P	2.7
2	☐	1.000	0.865	21274.59	0.0024	P	1.1
3	☐	250.000	239.789	5503527.83	0.6133	A	1.2
4	☐	625.000	622.414	14536515.51	1.5918	A	0.9
5	☐	1250.000	1241.373	28945345.89	3.1745	A	0.8
6	☐	2500.000	2525.548	58370088.16	6.4584	A	0.4
7	☐	5000.000	4990.217	118234876.5	12.7609	A	0.2
8	☐			29181.46	0.0038	P	6.1

$$y = 0.0026 * x + 1.4424E-004$$

$$R = 1.0000$$

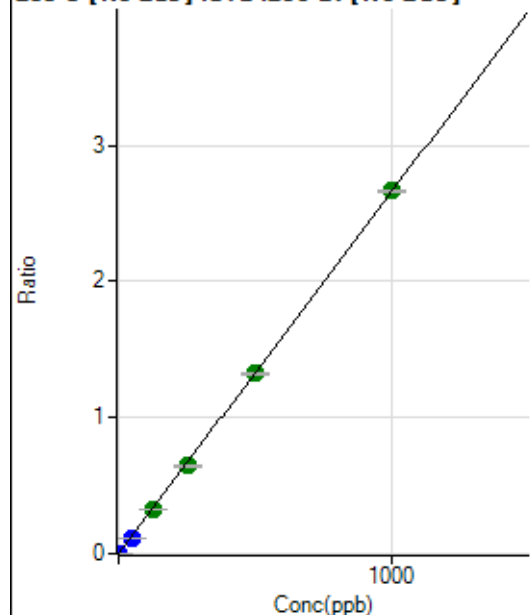
$$DL = 0.004649$$

$$BEC = 0.05641$$

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	28.89	0.0000	P	25.9
2	☐	1.000	0.781	18777.79	0.0021	P	1.9
3	☐	50.000	42.061	1003066.12	0.1118	P	1.6
4	☐	125.000	120.555	2925936.28	0.3204	A	0.6
5	☐	250.000	242.685	5880737.34	0.6450	A	0.9
6	☐	500.000	499.111	11988487.18	1.3264	A	1.1
7	☐	1000.000	1003.226	24702618.24	2.6662	A	0.5
8	☐			1098.95	0.0001	P	11.8

$$y = 0.0027 * x + 3.1839E-006$$

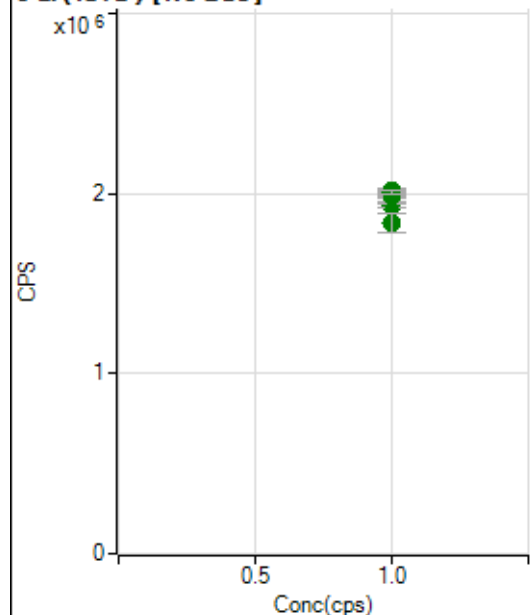
$$R = 1.0000$$

$$DL = 0.0009311$$

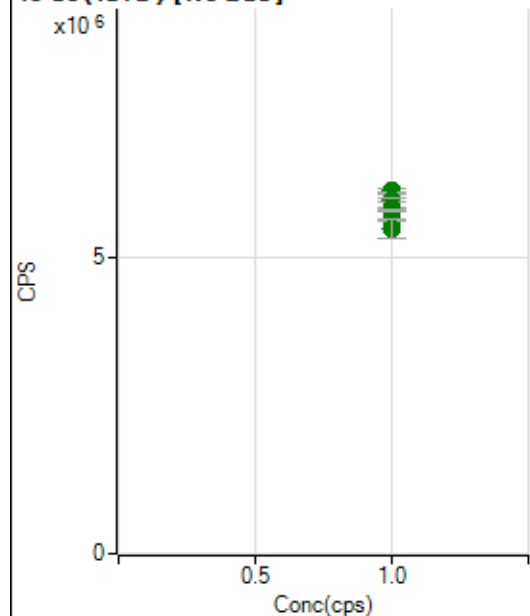
$$BEC = 0.001198$$

Weight: <None>

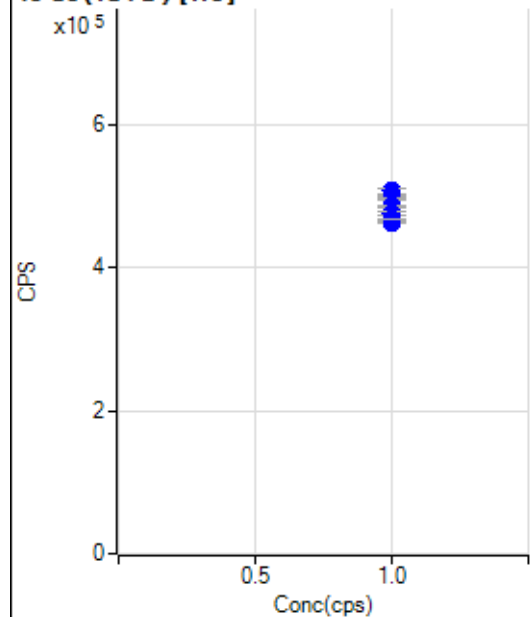
Min Conc: 0

6 Li (ISTD) [No Gas]

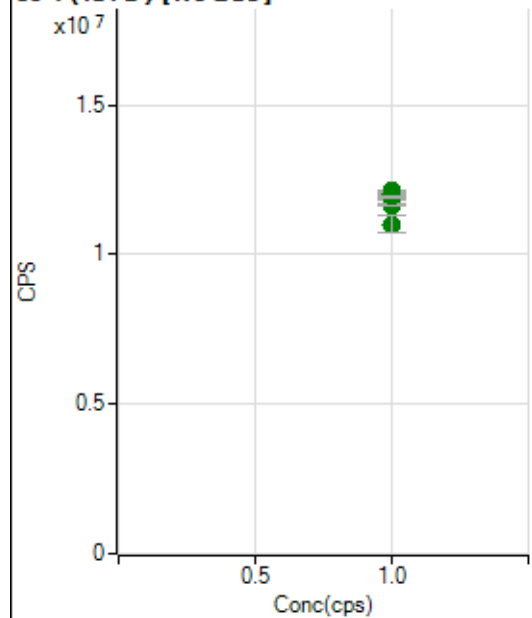
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1930416.38		A	1.2
2	☐	1.000		1951147.92		A	0.6
3	☐	1.000		1985197.04		A	0.6
4	☐	1.000		1998368.13		A	1.1
5	☐	1.000		2012817.71		A	1.2
6	☐	1.000		1990893.25		A	0.3
7	☐	1.000		2004707.21		A	0.9
8	☐	1.000		1839150.95		A	5.8

45 Sc (ISTD) [No Gas]

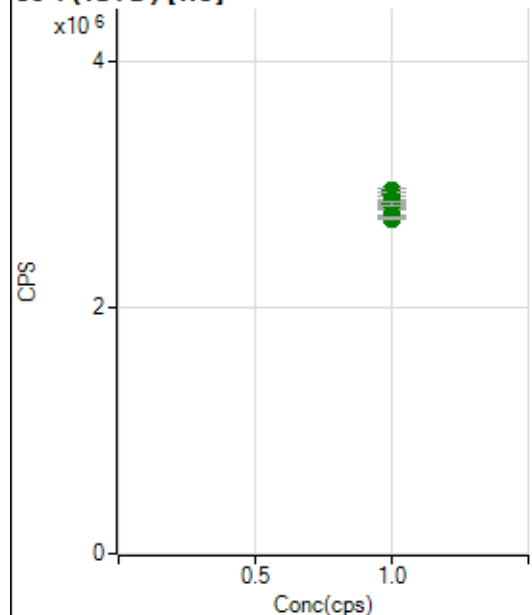
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6118811.37		A	1.0
2	☐	1.000		6100878.03		A	0.3
3	☐	1.000		6073714.08		A	0.8
4	☐	1.000		5966353.04		A	1.4
5	☐	1.000		5829281.93		A	0.6
6	☐	1.000		5620211.86		A	0.3
7	☐	1.000		5784983.73		A	0.2
8	☐	1.000		5482870.02		A	5.4

45 Sc (ISTD) [He]

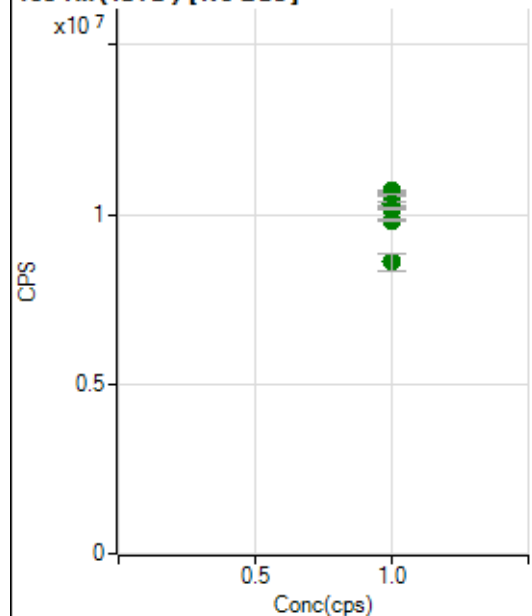
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		507104.43		P	1.2
2	☐	1.000		501669.86		P	0.6
3	☐	1.000		496058.96		P	0.4
4	☐	1.000		485794.24		P	0.5
5	☐	1.000		473197.74		P	0.4
6	☐	1.000		462960.05		P	0.7
7	☐	1.000		476482.16		P	1.0
8	☐	1.000		467313.08		P	0.4

89 Y (ISTD) [No Gas]

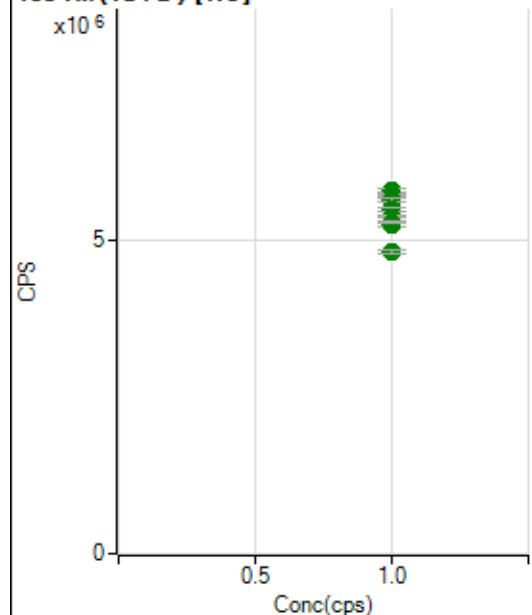
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12129378.01		A	0.8
2	☐	1.000		12097469.40		A	0.8
3	☐	1.000		12022474.82		A	0.9
4	☐	1.000		11925499.69		A	0.4
5	☐	1.000		11861851.35		A	0.1
6	☐	1.000		11653669.41		A	0.3
7	☐	1.000		11943252.60		A	0.5
8	☐	1.000		11018744.35		A	5.3

89 Y (ISTD) [He]

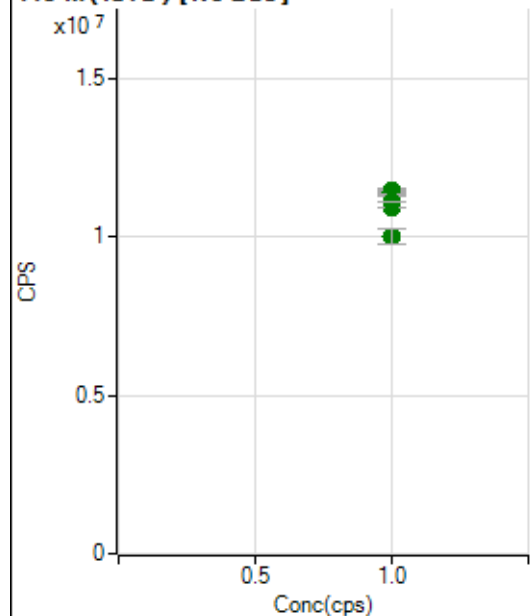
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2948640.51		A	1.1
2	☐	1.000		2922361.73		A	0.7
3	☐	1.000		2872689.51		A	0.4
4	☐	1.000		2854806.21		A	1.1
5	☐	1.000		2811366.87		A	0.6
6	☐	1.000		2753652.35		A	0.2
7	☐	1.000		2844166.45		A	1.2
8	☐	1.000		2726672.46		A	0.5

103 Rh (ISTD) [No Gas]

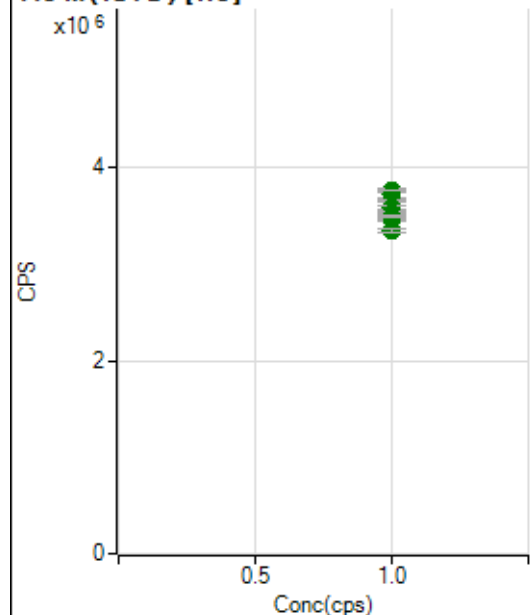
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10692045.67		A	0.8
2	☐	1.000		10670330.81		A	0.1
3	☐	1.000		10576494.42		A	0.5
4	☐	1.000		10320103.39		A	0.9
5	☐	1.000		10171362.63		A	0.8
6	☐	1.000		9781711.66		A	0.0
7	☐	1.000		9830942.91		A	0.4
8	☐	1.000		8593967.72		A	6.4

103 Rh (ISTD) [He]

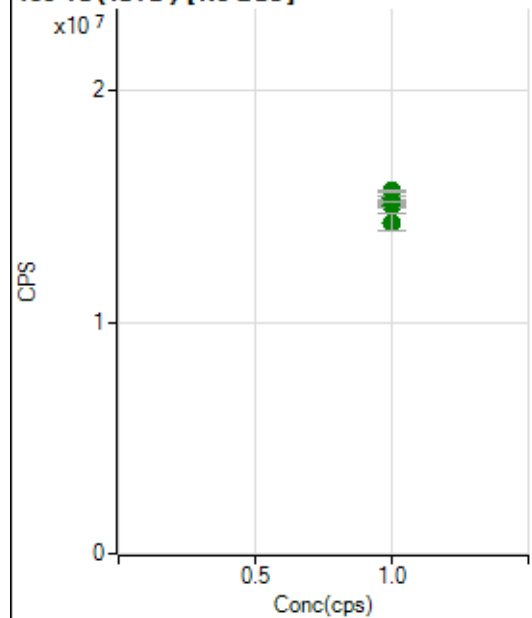
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5783352.41		A	1.0
2	☐	1.000		5726693.80		A	0.7
3	☐	1.000		5637974.50		A	0.7
4	☐	1.000		5480683.60		A	0.9
5	☐	1.000		5377191.59		A	0.7
6	☐	1.000		5238334.61		A	1.5
7	☐	1.000		5279840.20		A	0.8
8	☐	1.000		4807084.30		A	1.0

115 In (ISTD) [No Gas]

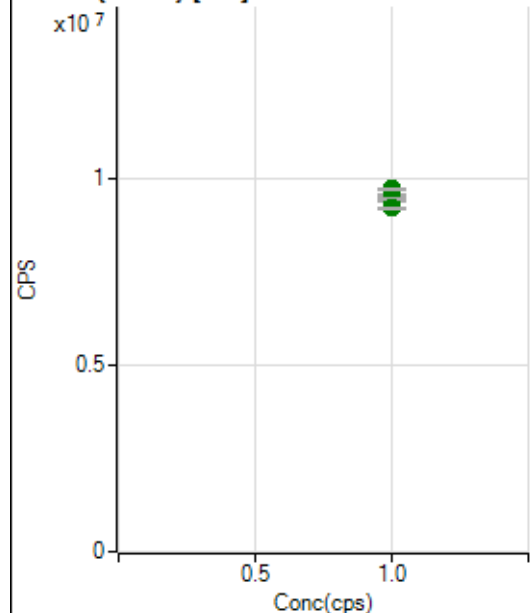
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11438290.22		A	1.1
2	☐	1.000		11403764.63		A	0.6
3	☐	1.000		11373921.26		A	1.7
4	☐	1.000		11331170.83		A	0.2
5	☐	1.000		11282626.08		A	0.5
6	☐	1.000		10895007.78		A	0.0
7	☐	1.000		11070205.16		A	0.1
8	☐	1.000		10002865.64		A	5.2

115 In (ISTD) [He]

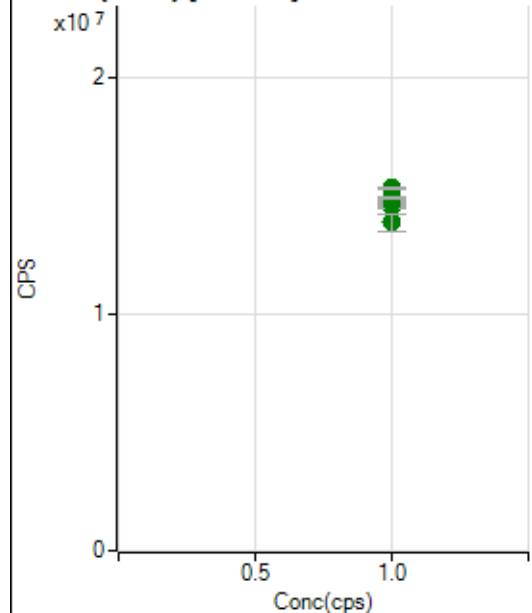
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3757580.04		A	1.0
2	☐	1.000		3724223.10		A	1.9
3	☐	1.000		3657641.69		A	0.6
4	☐	1.000		3592980.69		A	1.0
5	☐	1.000		3531338.75		A	0.3
6	☐	1.000		3457445.25		A	0.6
7	☐	1.000		3489297.34		A	0.4
8	☐	1.000		3348535.63		A	0.9

159 Tb (ISTD) [No Gas]

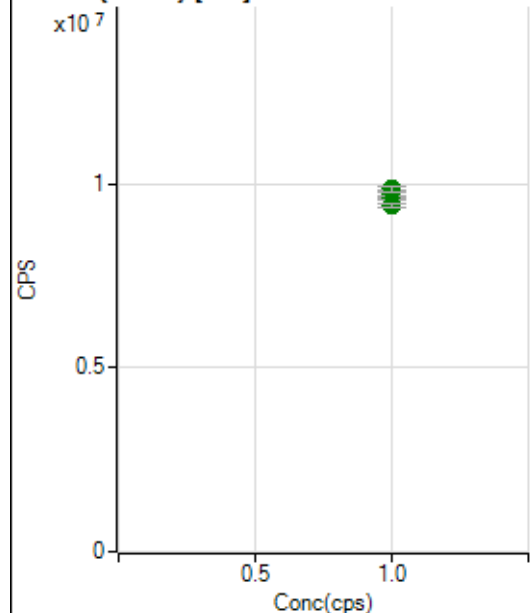
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15040376.72		A	0.3
2	☐	1.000		15008581.03		A	0.3
3	☐	1.000		15064230.05		A	1.1
4	☐	1.000		15202960.33		A	0.5
5	☐	1.000		15394135.60		A	1.0
6	☐	1.000		15209545.05		A	0.3
7	☐	1.000		15677837.13		A	0.6
8	☐	1.000		14305307.15		A	5.2

159 Tb (ISTD) [He]

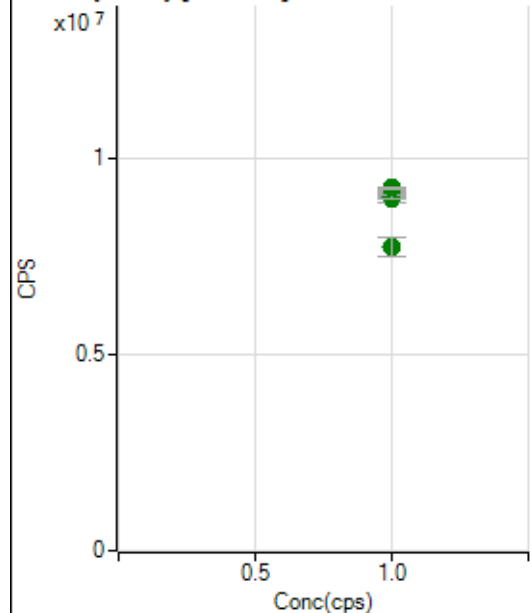
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9558694.65		A	0.5
2	☐	1.000		9472151.32		A	1.3
3	☐	1.000		9441306.94		A	0.7
4	☐	1.000		9483142.15		A	0.6
5	☐	1.000		9443478.82		A	0.3
6	☐	1.000		9477014.72		A	0.3
7	☐	1.000		9742721.73		A	0.3
8	☐	1.000		9222373.54		A	0.9

165 Ho (ISTD) [No Gas]

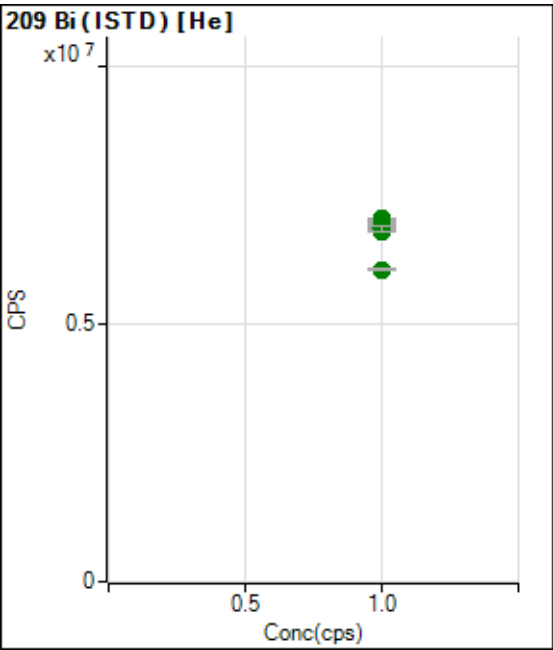
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14568287.42		A	0.5
2	☐	1.000		14571852.28		A	0.5
3	☐	1.000		14530549.09		A	0.6
4	☐	1.000		14764102.84		A	0.4
5	☐	1.000		14907831.30		A	0.3
6	☐	1.000		14943574.50		A	0.4
7	☐	1.000		15350849.08		A	0.3
8	☐	1.000		13891690.77		A	5.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9717541.94		A	0.9
2	☐	1.000		9587958.12		A	0.2
3	☐	1.000		9638595.69		A	0.7
4	☐	1.000		9653090.07		A	0.8
5	☐	1.000		9619291.32		A	0.9
6	☐	1.000		9807614.72		A	0.6
7	☐	1.000		9863081.66		A	1.7
8	☐	1.000		9408842.15		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9058415.98		A	1.1
2	☐	1.000		9033170.97		A	1.0
3	☐	1.000		8974335.35		A	1.4
4	☐	1.000		9132659.31		A	0.6
5	☐	1.000		9118271.11		A	0.6
6	☐	1.000		9037798.27		A	0.6
7	☐	1.000		9265349.72		A	0.8
8	☐	1.000		7770555.58		A	6.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7031583.85		A	0.9
2	☐	1.000		6967378.85		A	1.0
3	☐	1.000		6953365.38		A	0.1
4	☐	1.000		6890249.55		A	1.2
5	☐	1.000		6835944.07		A	1.1
6	☐	1.000		6795749.20		A	0.3
7	☐	1.000		6840162.05		A	1.4
8	☐	1.000		6049014.63		A	0.5