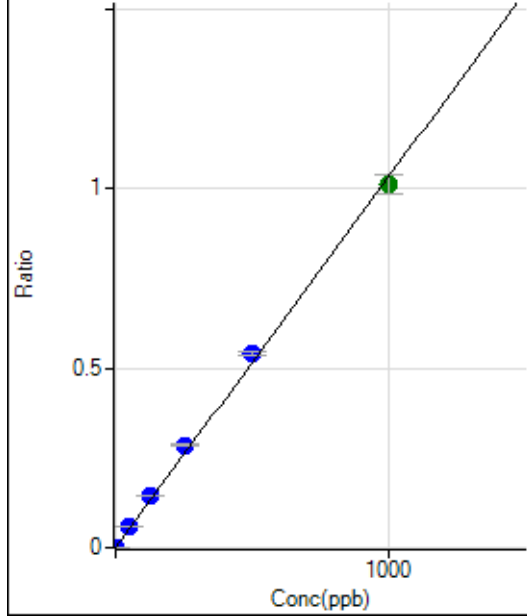


Calibration for 225SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7050824-PT.b\
 Analysis File: P7050824-PT.batch.bin
 DA Date-Time: 2024-05-08 22:31:40
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-05-08 09:02:42
2	006CALS.d	S02	2024-05-08 09:09:18
3	007CALS.d	S03	2024-05-08 09:12:32
4	008CALS.d	S04	2024-05-08 09:15:36
5	009CALS.d	S05	2024-05-08 09:18:28
6	010CALS.d	S06	2024-05-08 09:21:18
7	011CALS.d	S07	2024-05-08 09:24:04
8	012CALS.d	S08	2024-05-08 09:26:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	45.9
2	☐	1.000	1.083	1911.25	0.0011	P	1.9
3	☐	50.000	57.420	102874.98	0.0593	P	2.8
4	☐	125.000	141.310	248523.10	0.1459	P	1.2
5	☐	250.000	276.468	475414.10	0.2855	P	2.2
6	☐	500.000	524.249	903491.76	0.5414	P	2.7
7	☐	1000.000	978.849	1686431.92	1.0108	A	5.2
8	☐			908.92	0.0006	P	19.7

$$y = 0.0010 * x + 1.6645E-005$$

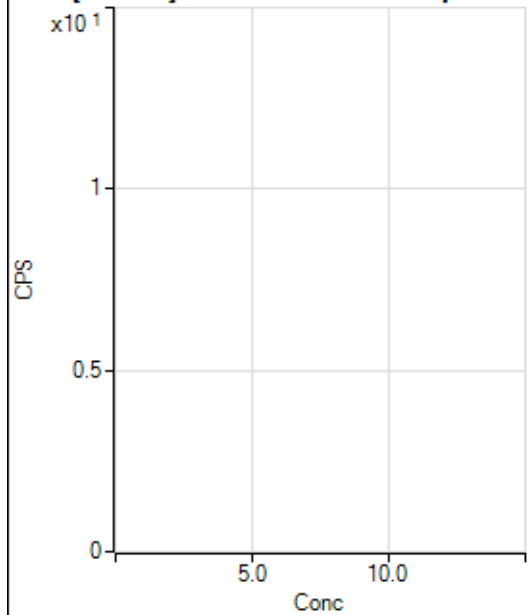
$$R = 0.9991$$

$$DL = 0.0222$$

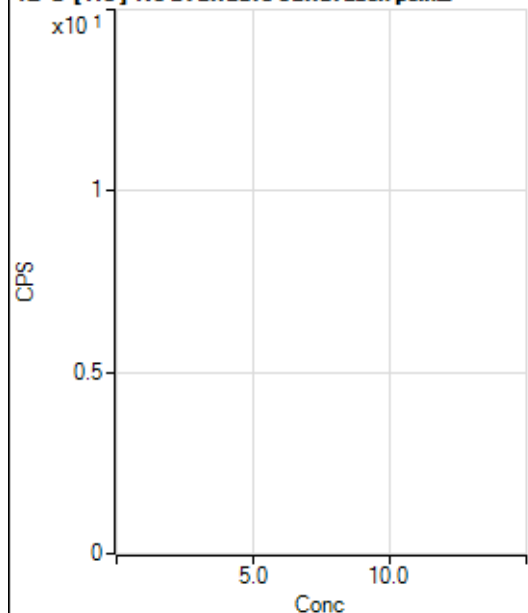
$$BEC = 0.01612$$

Weight: <None>

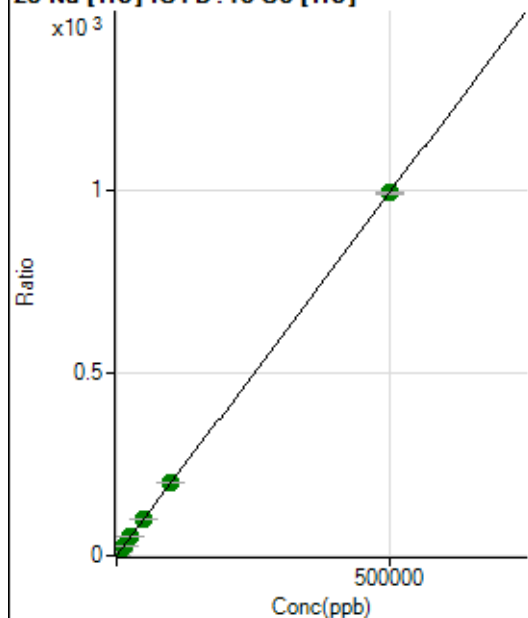
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17659.11	0.0549	P	1.4
2	☐	500.000	499.067	337926.24	1.0452	P	0.1
3	☐	5000.000	5195.463	3284595.71	10.3643	A	0.9
4	☐	12500.000	13041.561	7988656.82	25.9333	A	1.1
5	☐	25000.000	25679.359	15243651.58	51.0106	A	1.3
6	☐	50000.000	50552.165	29755505.67	100.3658	A	1.2
7	☐	100000.00	100061.16	59563925.78	198.6068	A	0.8
8	☐	500000.00	499883.09	294843653.3	991.9755	A	0.2

$$y = 0.0020 * x + 0.0549$$

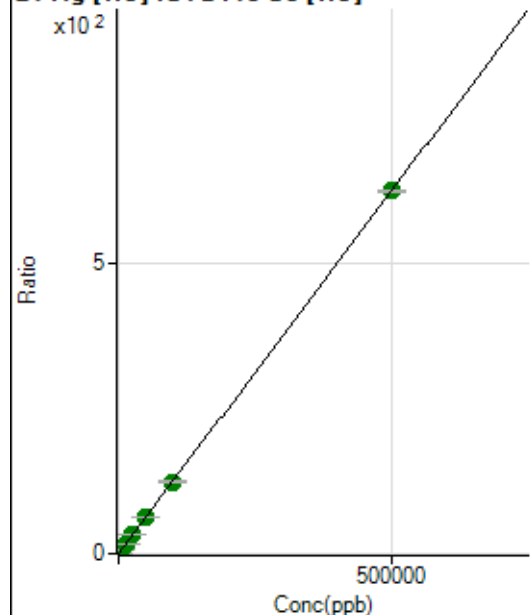
$$R = 1.0000$$

$$DL = 1.124$$

$$BEC = 27.66$$

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	667.80	0.0021	P	7.0
2	☐	500.000	495.176	201173.86	0.6222	P	0.2
3	☐	5000.000	5226.864	2075126.69	6.5481	A	1.8
4	☐	12500.000	12867.468	4964828.08	16.1170	A	0.1
5	☐	25000.000	25579.421	9574162.78	32.0372	A	0.5
6	☐	50000.000	50482.084	18744007.22	63.2247	A	1.6
7	☐	100000.00	99248.574	37277850.56	124.2988	A	1.0
8	☐	500000.00	500061.65	186144466.1	626.2681	A	0.8

$$y = 0.0013 * x + 0.0021$$

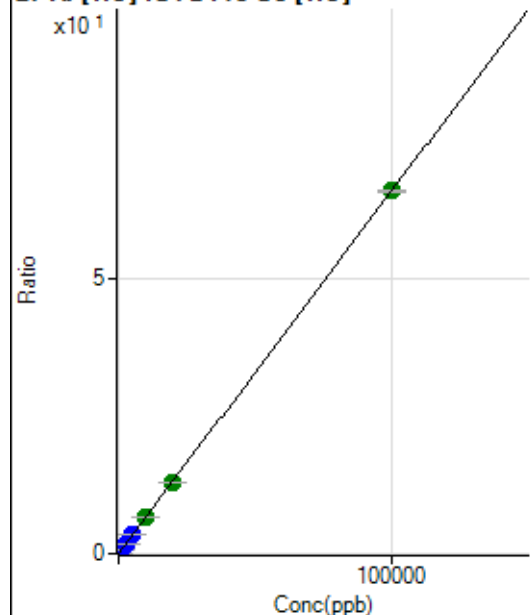
$$R = 1.0000$$

$$DL = 0.3505$$

$$BEC = 1.658$$

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	1143.39	0.0036	P	2.6
2	☐	20.000	19.416	5293.18	0.0164	P	0.5
3	☐	1000.000	1062.564	223426.92	0.7050	P	0.9
4	☐	2500.000	2614.630	532800.98	1.7296	P	0.3
5	☐	5000.000	5417.803	1069875.93	3.5801	P	0.9
6	☐	10000.000	10070.438	1972008.79	6.6516	A	1.0
7	☐	20000.000	19581.474	3877934.25	12.9303	A	0.6
8	☐	100000.00	100052.28	19632825.40	66.0532	A	0.3

$$y = 6.6015E-004 * x + 0.0036$$

$$R = 1.0000$$

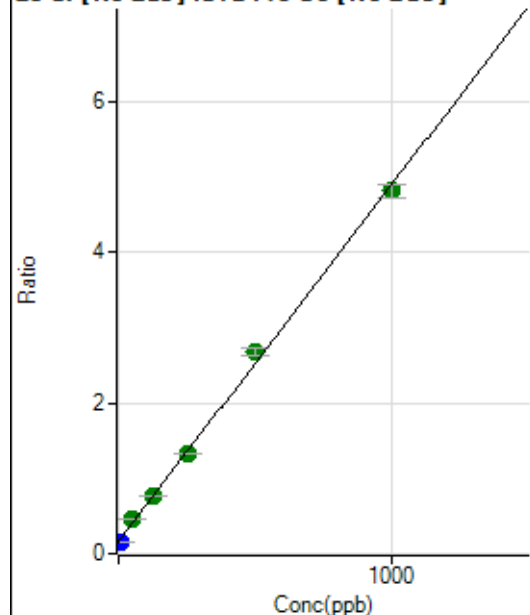
$$DL = 0.4145$$

$$BEC = 5.383$$

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	657005.82	0.1634	P	0.8
2	☐	10.000	0.405	671385.43	0.1653	P	0.5
3	☐	50.000	61.522	1878980.91	0.4546	A	1.1
4	☐	125.000	128.260	3116941.52	0.7706	A	1.1
5	☐	250.000	245.713	5209874.44	1.3266	A	0.4
6	☐	500.000	534.120	10392449.43	2.6920	A	3.9
7	☐	1000.000	983.124	18890150.28	4.8177	A	3.6
8	☐			874111.93	0.2301	P	3.6

$$y = 0.0047 * x + 0.1634$$

$$R = 0.9990$$

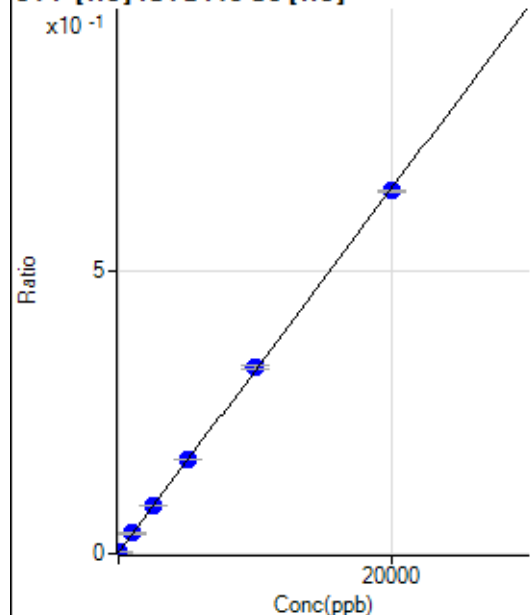
$$DL = 0.8452$$

$$BEC = 34.51$$

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	-17.387	540.02	0.0017	P	10.5
2	☐	0.000	17.387	903.37	0.0028	P	6.8
3	☐	1000.000	1042.336	11306.49	0.0357	P	0.5
4	☐	2500.000	2578.809	26173.60	0.0850	P	1.3
5	☐	5000.000	5123.560	49789.53	0.1666	P	0.8
6	☐	10000.000	10172.834	97418.32	0.3286	P	1.6
7	☐	20000.000	19870.725	191861.51	0.6397	P	0.3
8	☐			652.24	0.0022	P	7.1

$$y = 3.2082E-005 * x + 0.0022$$

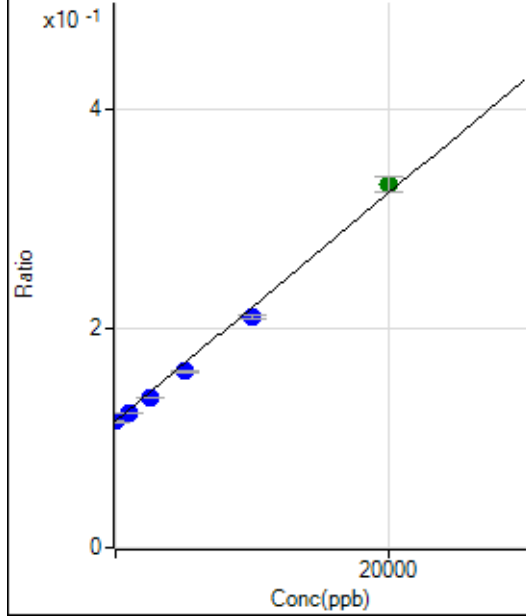
$$R = 0.9999$$

$$DL = 17.14$$

$$BEC = 69.71$$

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	25.407	465639.22	0.1158	P	2.1
2	☐	0.000	-25.407	468221.11	0.1153	P	1.4
3	☐	1000.000	686.532	507072.52	0.1227	P	0.8
4	☐	2500.000	2109.793	556216.76	0.1375	P	0.2
5	☐	5000.000	4352.372	631682.91	0.1608	P	0.9
6	☐	10000.000	9057.295	810239.01	0.2098	P	1.7
7	☐	20000.000	20697.708	1297737.51	0.3310	A	4.3
8	☐			415300.33	0.1093	P	1.5

$$y = 1.0411\text{E-}005 * x + 0.1155$$

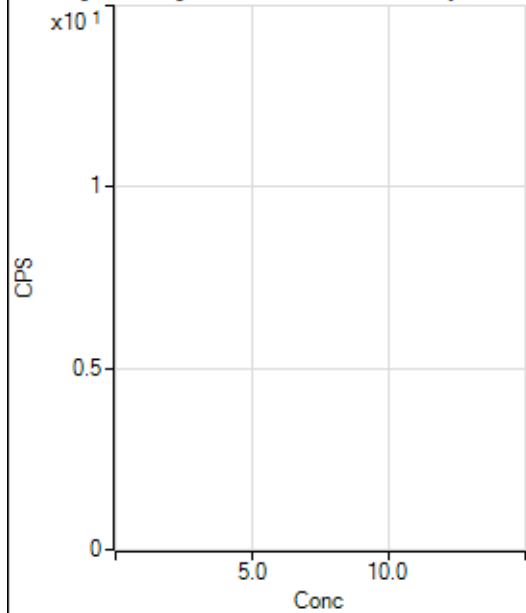
$$R = 0.9979$$

$$DL = 583.3$$

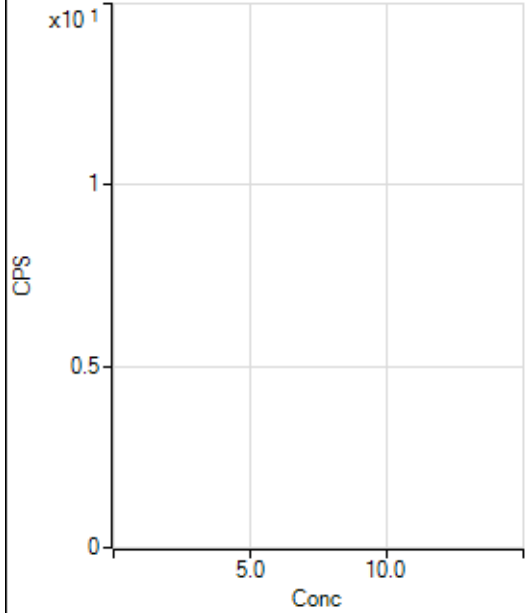
$$BEC = 1.11\text{E}+04$$

Weight: <None>

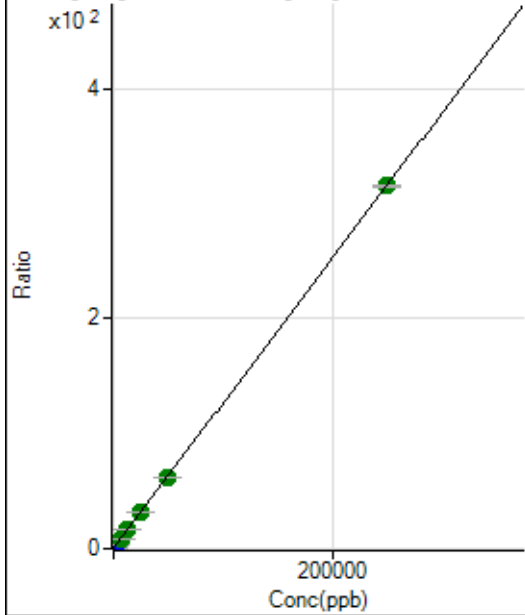
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	95988.87	0.2983	P	0.9
2	☐	500.000	495.638	298315.69	0.9227	P	0.3
3	☐	2500.000	2718.482	1179771.17	3.7227	P	0.9
4	☐	6250.000	6411.312	2579695.05	8.3743	A	0.2
5	☐	12500.000	12719.973	4877275.86	16.3210	A	1.1
6	☐	25000.000	24995.030	9422867.36	31.7832	A	1.2
7	☐	50000.000	49237.732	18690703.61	62.3205	A	0.4
8	☐	250000.00	250135.74	93737647.49	315.3810	A	0.8

$$y = 0.0013 * x + 0.2983$$

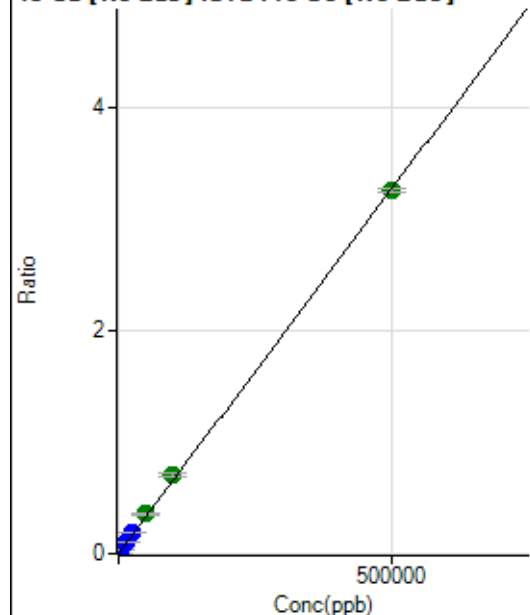
$$R = 1.0000$$

$$DL = 6.289$$

$$BEC = 236.8$$

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	588.91	0.0001	P	13.0
2	☐	500.000	492.735	13660.67	0.0034	P	1.1
3	☐	5000.000	5912.652	160122.10	0.0387	P	1.2
4	☐	12500.000	14695.085	388590.04	0.0961	P	1.5
5	☐	25000.000	29142.339	747660.19	0.1904	P	0.5
6	☐	50000.000	54840.402	1382698.78	0.3581	A	3.0
7	☐	100000.00	107707.40	2757000.76	0.7032	A	4.2
8	☐	500000.00	497703.36	12343335.65	3.2490	A	0.9

$$y = 6.5277\text{E-}006 * x + 1.4667\text{E-}004$$

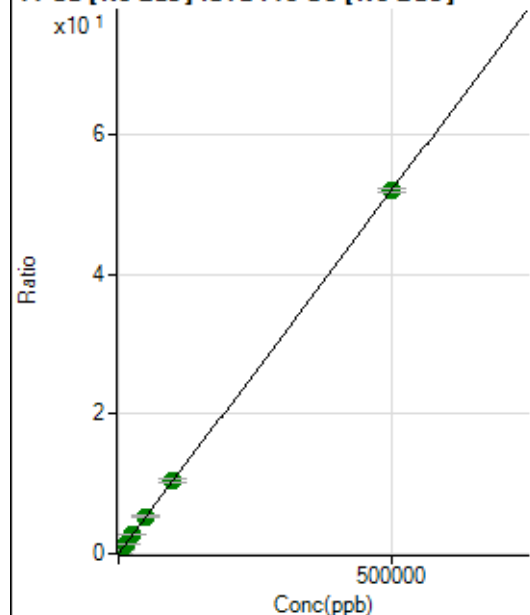
$$R = 0.9998$$

$$DL = 8.74$$

$$BEC = 22.47$$

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	18446.04	0.0046	P	1.7
2	☐	500.000	509.648	234095.46	0.0576	P	1.1
3	☐	5000.000	5374.878	2331007.97	0.5640	A	1.2
4	☐	12500.000	13218.772	5583459.57	1.3804	A	1.2
5	☐	25000.000	26266.898	10754105.95	2.7384	A	0.6
6	☐	50000.000	51128.833	20563417.33	5.3259	A	2.6
7	☐	100000.00	101285.24	41344718.83	10.5461	A	4.4
8	☐	500000.00	499544.99	197532281.5	51.9959	A	1.2

$$y = 1.0408\text{E-}004 * x + 0.0046$$

$$R = 1.0000$$

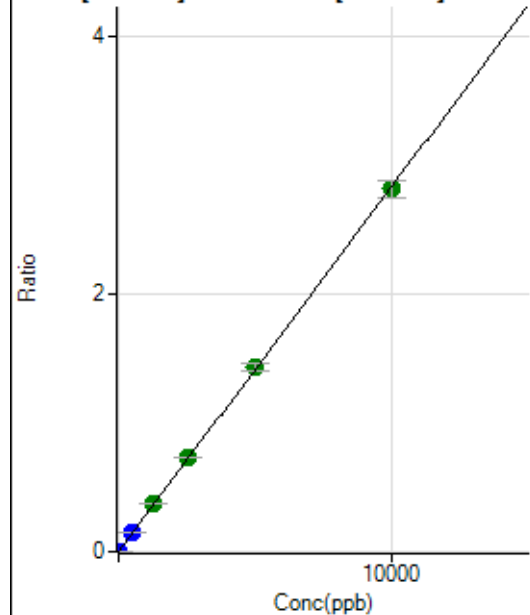
$$DL = 2.212$$

$$BEC = 44.07$$

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	123.34	0.0000	P	9.8
2	☐	5.000	5.045	5921.21	0.0015	P	1.9
3	☐	500.000	535.165	625863.79	0.1514	P	1.7
4	☐	1250.000	1310.554	1499685.08	0.3708	A	2.3
5	☐	2500.000	2580.890	2867570.10	0.7302	A	0.8
6	☐	5000.000	5046.936	5512334.08	1.4279	A	3.7
7	☐	10000.000	9946.982	11032106.78	2.8141	A	4.6
8	☐			2683.82	0.0007	P	32.4

$$y = 2.8291E-004 * x + 3.0645E-005$$

$$R = 0.9999$$

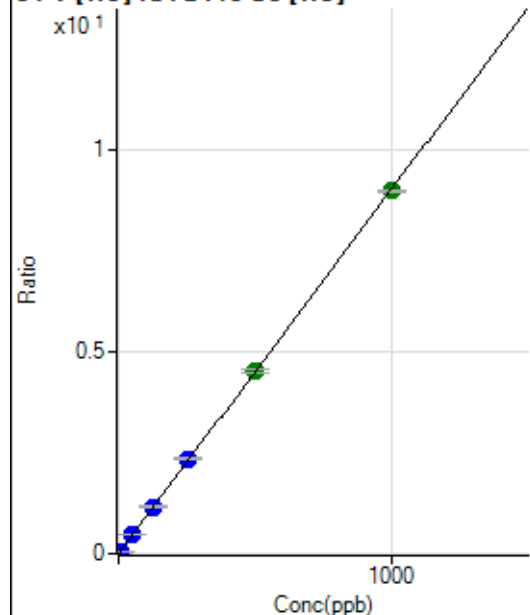
$$DL = 0.03178$$

$$BEC = 0.1083$$

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	8.89	0.0000	P	21.7
2	☐	5.000	4.943	14394.75	0.0445	P	3.3
3	☐	50.000	52.169	148822.95	0.4696	P	1.6
4	☐	125.000	129.187	358208.35	1.1628	P	0.7
5	☐	250.000	259.877	699032.30	2.3392	P	1.1
6	☐	500.000	501.984	1339526.83	4.5184	A	1.8
7	☐	1000.000	995.907	2688471.11	8.9642	A	0.6
8	☐			1010.04	0.0034	P	3.4

$$y = 0.0090 * x + 2.7635E-005$$

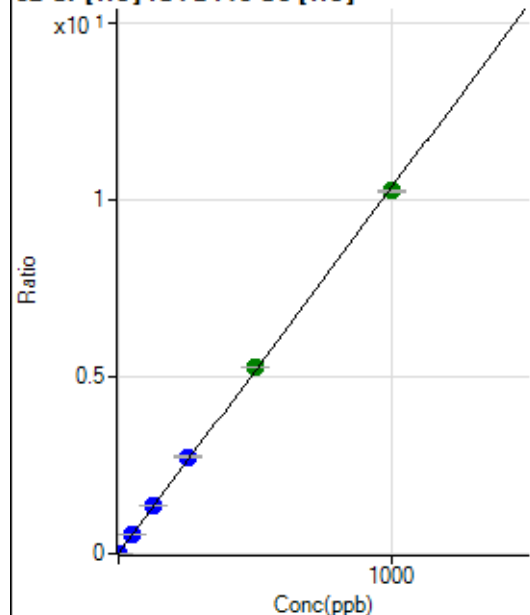
$$R = 0.9999$$

$$DL = 0.002$$

$$BEC = 0.00307$$

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	1869.02	0.0058	P	3.0
2	☐	2.000	1.991	8522.46	0.0264	P	1.3
3	☐	50.000	52.912	174924.75	0.5519	P	0.2
4	☐	125.000	132.504	423087.79	1.3735	P	1.0
5	☐	250.000	264.137	816469.00	2.7322	P	1.0
6	☐	500.000	508.520	1557922.48	5.2546	A	0.3
7	☐	1000.000	991.122	3069938.95	10.2359	A	0.6
8	☐			43899.62	0.1477	P	0.6

$$y = 0.0103 * x + 0.0058$$

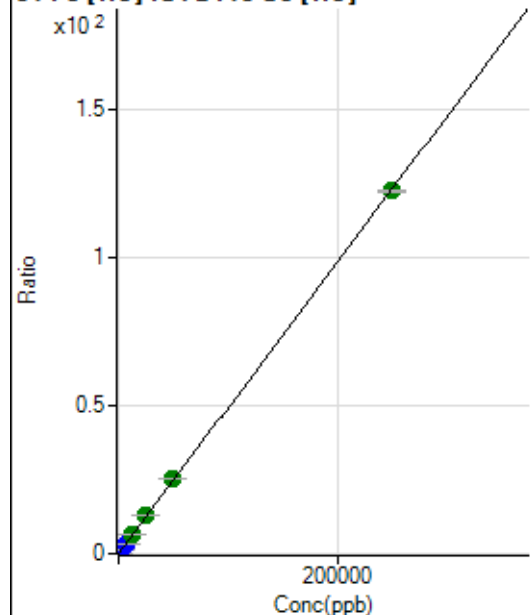
$$R = 0.9998$$

$$DL = 0.04987$$

$$BEC = 0.5628$$

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	1967.92	0.0061	P	3.2
2	☐	50.000	55.175	10740.58	0.0332	P	2.3
3	☐	2500.000	2910.672	455098.26	1.4360	P	0.7
4	☐	6250.000	7210.785	1093108.49	3.5485	P	0.5
5	☐	12500.000	13549.178	1990965.86	6.6623	A	1.2
6	☐	25000.000	26737.731	3896257.13	13.1413	A	1.3
7	☐	50000.000	52002.542	7663639.96	25.5530	A	0.6
8	☐	250000.00	249345.13	36410956.96	122.4998	A	0.6

$$y = 4.9126E-004 * x + 0.0061$$

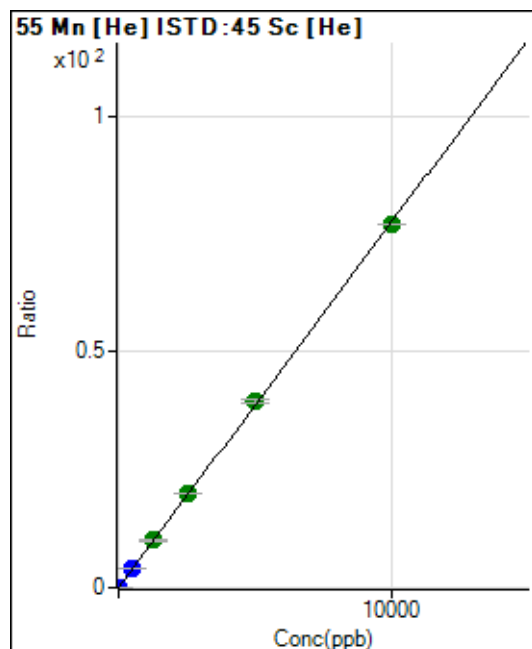
$$R = 1.0000$$

$$DL = 1.196$$

$$BEC = 12.45$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	292.23	0.0009	P	0.3
2	☐	1.000	0.997	2792.51	0.0086	P	1.7
3	☐	500.000	532.343	1308190.20	4.1279	P	0.9
4	☐	1250.000	1289.793	3080459.50	10.0000	A	1.1
5	☐	2500.000	2579.183	5975597.34	19.9960	A	0.7
6	☐	5000.000	5097.894	11717548.71	39.5223	A	1.4
7	☐	10000.000	9924.666	23076237.44	76.9418	A	0.1
8	☐			16506.98	0.0555	P	1.0

$$y = 0.0078 * x + 9.0826E-004$$

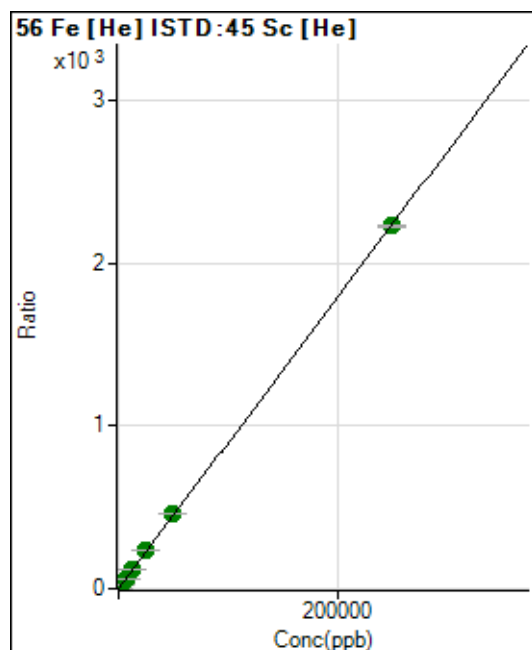
$$R = 0.9999$$

$$DL = 0.001002$$

$$BEC = 0.1172$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9340.81	0.0290	P	6.0
2	☐	50.000	53.538	164037.91	0.5074	P	0.7
3	☐	2500.000	2669.168	7566884.12	23.8767	A	0.9
4	☐	6250.000	6630.226	18256608.90	59.2668	A	1.1
5	☐	12500.000	13321.890	35577776.69	119.0535	A	0.8
6	☐	25000.000	26177.909	69348223.41	233.9156	A	2.1
7	☐	50000.000	51165.655	137112229.0	457.1687	A	0.5
8	☐	250000.00	249596.78	662828243.4	2.230052	A	0.2

$$y = 0.0089 * x + 0.0290$$

$$R = 1.0000$$

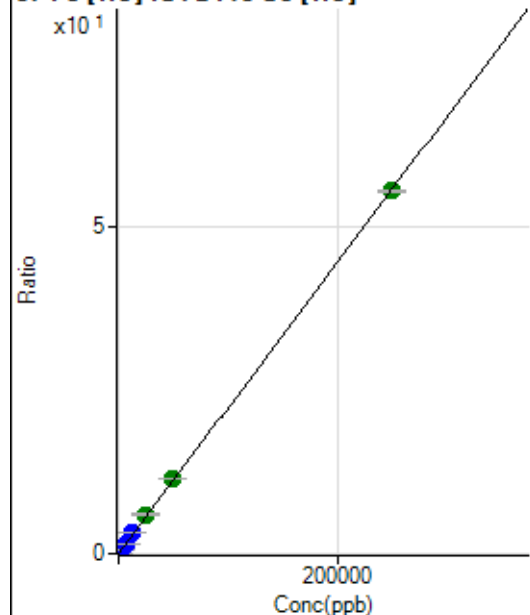
$$DL = 0.5828$$

$$BEC = 3.249$$

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	644.47	0.0020	P	6.1
2	☐	50.000	57.060	4761.91	0.0147	P	2.2
3	☐	2500.000	2859.567	202743.27	0.6397	P	0.8
4	☐	6250.000	7087.596	487532.16	1.5827	P	0.5
5	☐	12500.000	14239.734	949621.01	3.1777	P	0.9
6	☐	25000.000	26796.095	1772227.47	5.9780	A	3.3
7	☐	50000.000	51283.777	3430757.59	11.4392	A	0.8
8	☐	250000.00	249452.11	16535679.48	55.6343	A	0.8

$$y = 2.2302\text{E-}004 * x + 0.0020$$

$$R = 1.0000$$

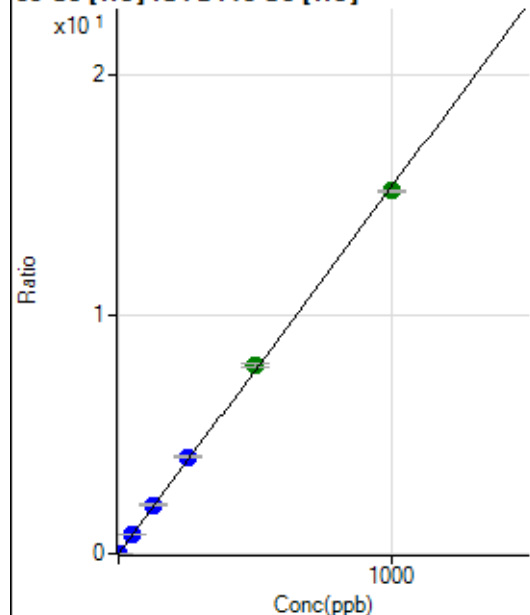
$$DL = 1.643$$

$$BEC = 8.983$$

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	126.67	0.0004	P	16.8
2	☐	1.000	1.035	5259.86	0.0163	P	2.4
3	☐	50.000	53.643	260979.96	0.8235	P	0.4
4	☐	125.000	133.650	631832.36	2.0511	P	0.3
5	☐	250.000	263.448	1208099.98	4.0427	P	1.1
6	☐	500.000	512.581	2331716.44	7.8653	A	2.0
7	☐	1000.000	989.084	4551696.63	15.1767	A	0.5
8	☐			14108.92	0.0475	P	0.3

$$y = 0.0153 * x + 3.9386\text{E-}004$$

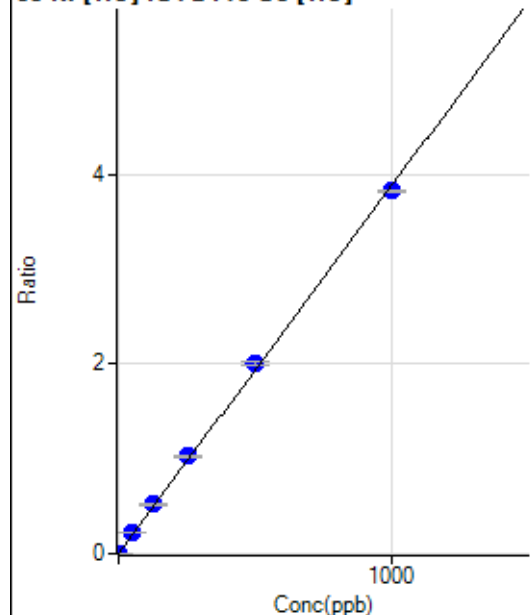
$$R = 0.9998$$

$$DL = 0.01292$$

$$BEC = 0.02567$$

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	181.12	0.0006	P	12.4
2	☐	1.000	0.985	1417.86	0.0044	P	7.4
3	☐	50.000	56.079	69107.12	0.2181	P	1.2
4	☐	125.000	133.379	159530.58	0.5179	P	0.3
5	☐	250.000	264.275	306469.18	1.0255	P	1.1
6	☐	500.000	517.058	594719.75	2.0060	P	1.3
7	☐	1000.000	986.551	1147717.25	3.8269	P	0.7
8	☐			12317.38	0.0414	P	3.3

$$y = 0.0039 * x + 5.6284E-004$$

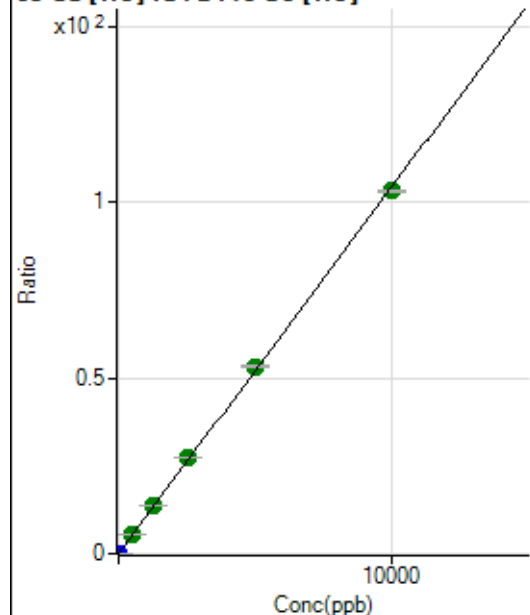
$$R = 0.9997$$

$$DL = 0.05377$$

$$BEC = 0.1451$$

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	1421.19	0.0044	P	6.8
2	☐	2.000	2.033	8286.81	0.0256	P	1.4
3	☐	500.000	541.922	1793910.93	5.6604	A	0.1
4	☐	1250.000	1316.728	4234688.24	13.7469	A	0.6
5	☐	2500.000	2610.859	8144401.55	27.2536	A	0.8
6	☐	5000.000	5117.166	15836882.40	53.4116	A	1.0
7	☐	10000.000	9903.265	31000251.48	103.3635	A	0.2
8	☐			12073.85	0.0406	P	2.1

$$y = 0.0104 * x + 0.0044$$

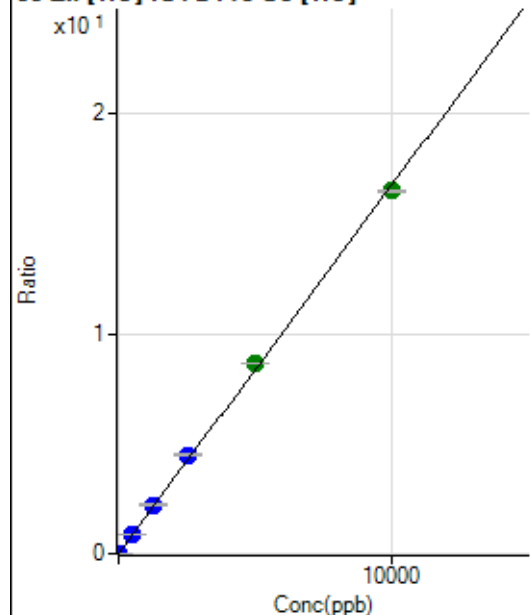
$$R = 0.9998$$

$$DL = 0.08582$$

$$BEC = 0.4232$$

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	828.92	0.0026	P	4.3
2	☐	5.000	4.993	3532.67	0.0109	P	2.8
3	☐	500.000	537.665	285792.28	0.9018	P	0.9
4	☐	1250.000	1325.970	683919.66	2.2202	P	0.7
5	☐	2500.000	2686.903	1343636.58	4.4963	P	1.2
6	☐	5000.000	5179.780	2569314.11	8.6655	A	0.5
7	☐	10000.000	9852.005	4942422.39	16.4796	A	0.6
8	☐			3816.08	0.0128	P	3.9

$$y = 0.0017 * x + 0.0026$$

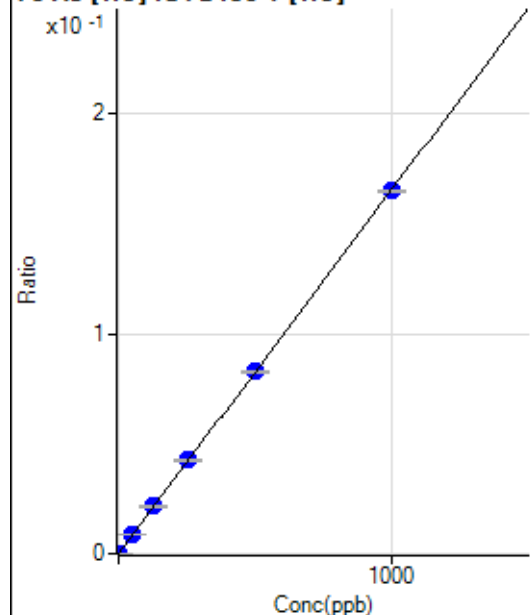
$$R = 0.9996$$

$$DL = 0.1978$$

$$BEC = 1.54$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.030	368.90	0.0002	P	18.6
3	☐	50.000	52.249	18537.25	0.0086	P	1.0
4	☐	125.000	129.846	44531.05	0.0215	P	1.6
5	☐	250.000	257.078	86482.13	0.0425	P	0.5
6	☐	500.000	499.835	169763.95	0.0827	P	1.7
7	☐	1000.000	997.595	335628.05	0.1650	P	0.8
8	☐			233.34	0.0001	P	2.4

$$y = 1.6536E-004 * x + 5.1883E-007$$

$$R = 1.0000$$

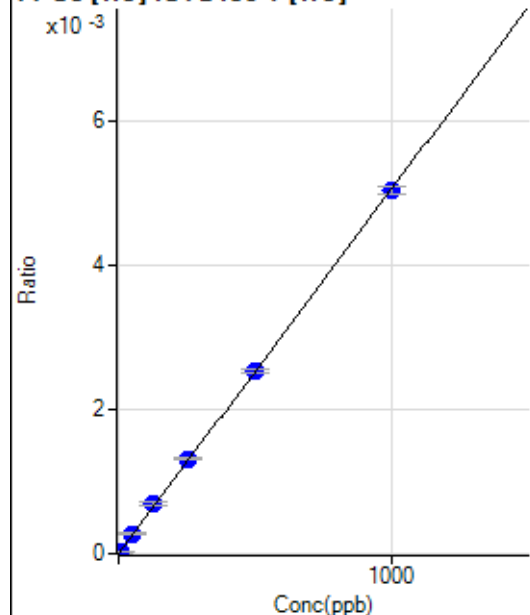
$$DL = 0.0163$$

$$BEC = 0.003138$$

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	4.786	53.33	0.0000	P	11.1
3	☐	50.000	54.176	588.91	0.0003	P	5.6
4	☐	125.000	135.429	1421.20	0.0007	P	6.7
5	☐	250.000	259.332	2669.16	0.0013	P	1.4
6	☐	500.000	501.587	5212.08	0.0025	P	2.0
7	☐	1000.000	995.362	10242.49	0.0050	P	2.2
8	☐			6.67	0.0000	P	99.7

$$y = 5.0575\text{E-}006 * x + 5.1883\text{E-}007$$

$$R = 0.9999$$

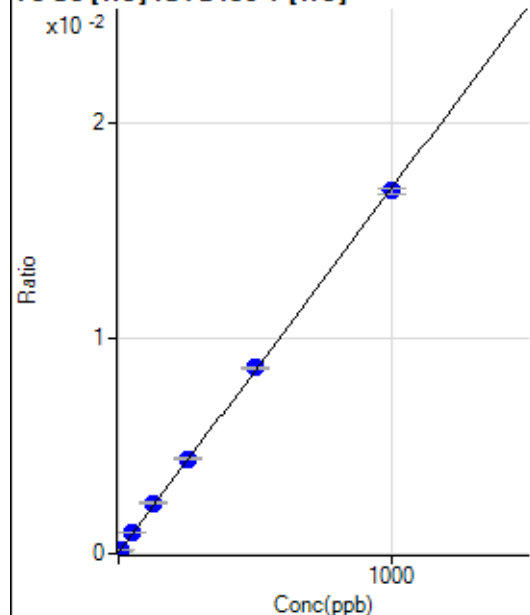
$$DL = 0.5331$$

$$BEC = 0.1026$$

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	110.00	0.0001	P	5.9
2	☐	5.000	6.056	331.12	0.0002	P	4.5
3	☐	50.000	54.585	2092.39	0.0010	P	6.6
4	☐	125.000	136.224	4886.40	0.0024	P	2.2
5	☐	250.000	258.180	8991.71	0.0044	P	1.3
6	☐	500.000	506.504	17711.80	0.0086	P	0.9
7	☐	1000.000	993.065	34292.95	0.0169	P	1.4
8	☐			142.23	0.0001	P	18.0

$$y = 1.6922\text{E-}005 * x + 5.0981\text{E-}005$$

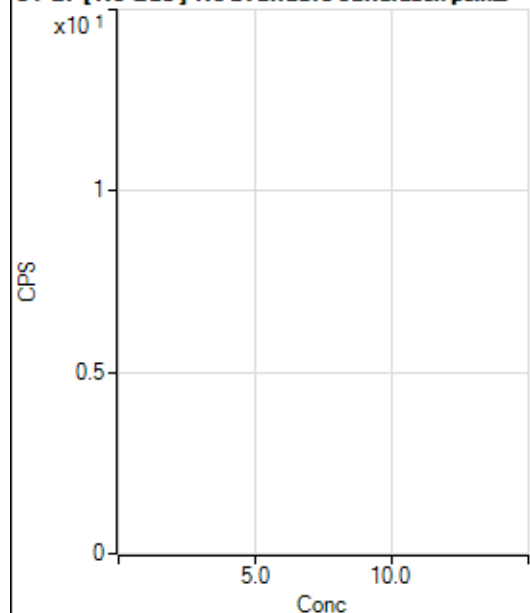
$$R = 0.9999$$

$$DL = 0.5335$$

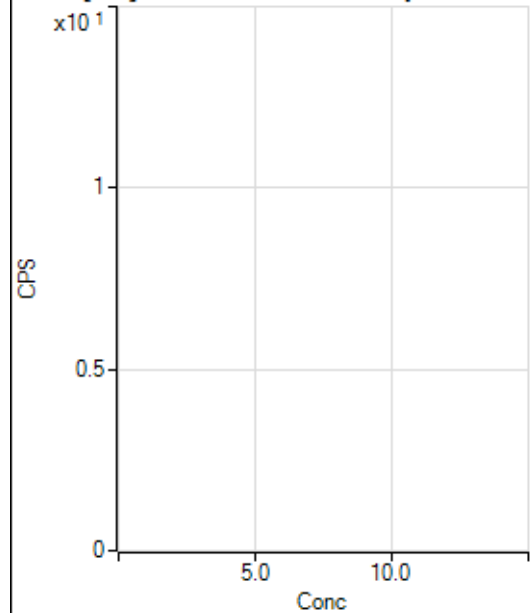
$$BEC = 3.013$$

Weight: <None>

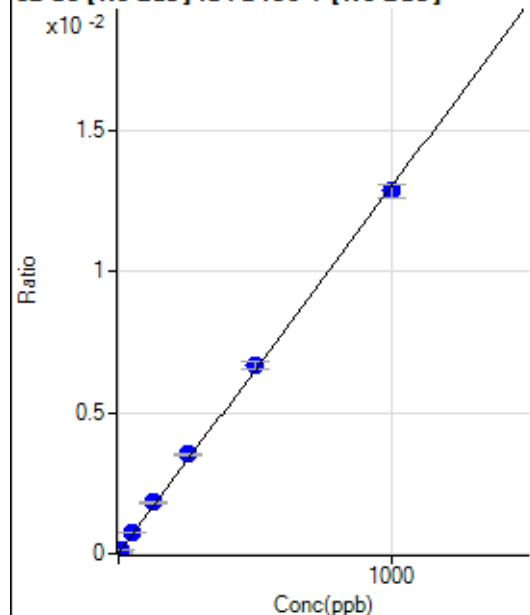
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19716.64		P	0.7
2	☐			20229.52		P	3.3
3	☐			20120.49		P	2.6
4	☐			19126.99		P	2.3
5	☐			18206.89		P	1.7
6	☐			18641.93		P	3.8
7	☐			19135.83		P	1.8
8	☐			20013.67		P	0.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	54.7
2	☐			52.22		P	62.7
3	☐			42.22		P	19.9
4	☐			41.11		P	20.4
5	☐			63.33		P	21.1
6	☐			47.78		P	16.1
7	☐			58.89		P	23.6
8	☐			62.22		P	25.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	315.35	0.0000	P	19.4
2	☐	5.000	5.453	993.05	0.0001	P	1.1
3	☐	50.000	54.450	7210.91	0.0007	P	0.7
4	☐	125.000	136.650	17300.80	0.0018	P	0.2
5	☐	250.000	268.822	33006.12	0.0035	P	1.5
6	☐	500.000	511.575	63050.97	0.0067	P	4.0
7	☐	1000.000	987.826	123687.23	0.0128	P	3.7
8	☐			316.67	0.0000	P	18.2

$$y = 1.2967\text{E-}005 * x + 3.3432\text{E-}005$$

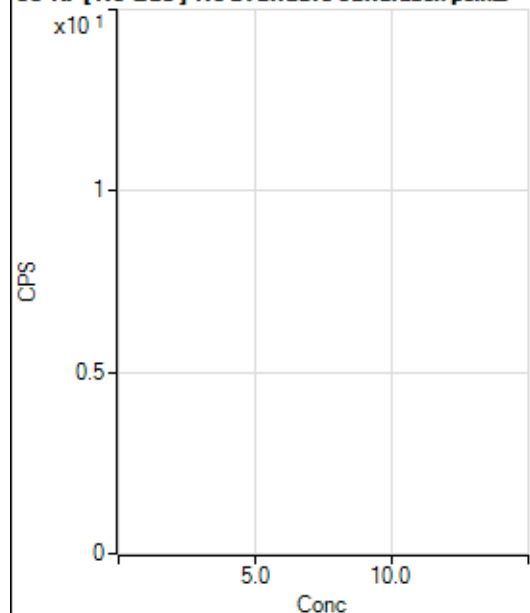
$$R = 0.9997$$

$$DL = 1.503$$

$$BEC = 2.578$$

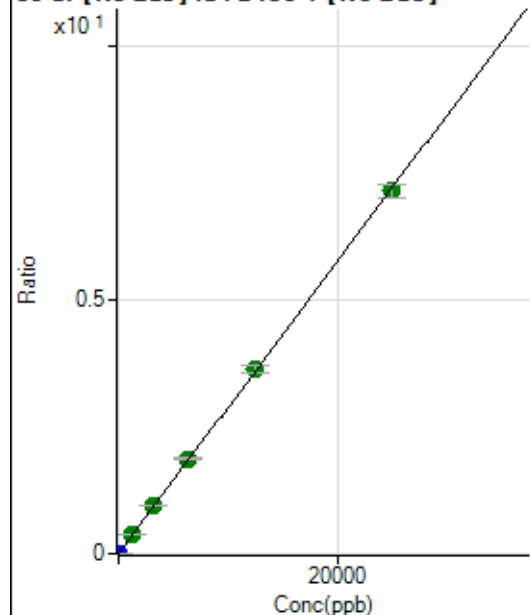
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			112.22		P	26.0
2	☐			100.00		P	14.5
3	☐			85.56		P	9.0
4	☐			107.78		P	7.8
5	☐			97.78		P	8.6
6	☐			114.45		P	11.8
7	☐			127.78		P	7.5
8	☐			150.00		P	31.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.00	0.0000	P	15.1
2	☐	1.000	0.991	2914.77	0.0003	P	3.2
3	☐	1250.000	1302.505	3645464.67	0.3739	A	1.0
4	☐	3125.000	3270.352	8994626.19	0.9386	A	1.0
5	☐	6250.000	6492.719	17476731.54	1.8635	A	1.7
6	☐	12500.000	12623.337	34264117.82	3.6230	A	3.8
7	☐	25000.000	24856.858	68705513.98	7.1342	A	4.0
8	☐			15649.99	0.0018	P	29.7

$$y = 2.8701\text{E-}004 * x + 2.1195\text{E-}005$$

$$R = 0.9999$$

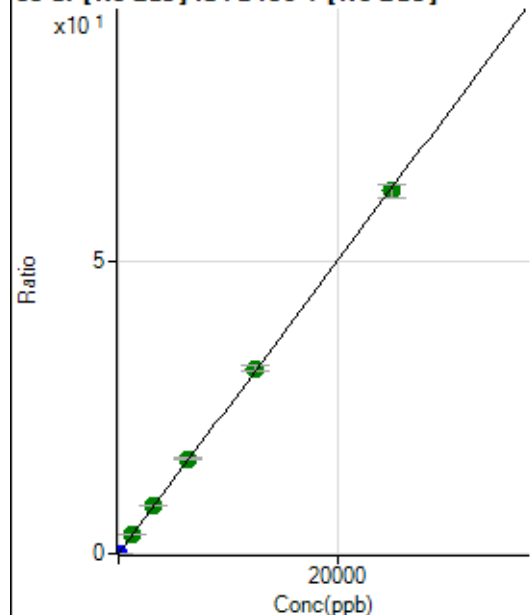
$$DL = 0.03338$$

$$BEC = 0.07385$$

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	314.45	0.0000	P	12.6
2	☐	1.000	1.020	24640.69	0.0026	P	0.5
3	☐	1250.000	1302.445	31772677.03	3.2583	A	1.1
4	☐	3125.000	3266.722	78312371.05	8.1724	A	1.0
5	☐	6250.000	6510.067	152741771.0	16.2862	A	1.4
6	☐	12500.000	12676.367	299918426.6	31.7124	A	3.7
7	☐	25000.000	24826.462	598135128.8	62.1081	A	4.0
8	☐			136185.04	0.0153	P	28.0

$$y = 0.0025 * x + 3.3298\text{E-}005$$

$$R = 0.9999$$

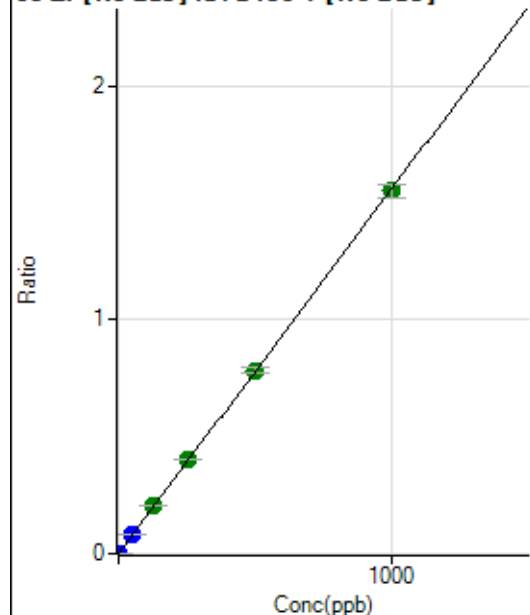
$$DL = 0.00502$$

$$BEC = 0.01331$$

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	392.23	0.0000	P	10.7
2	☐	1.000	0.988	15097.86	0.0016	P	3.1
3	☐	50.000	53.150	808696.38	0.0829	P	1.1
4	☐	125.000	131.574	1966795.87	0.2052	A	0.9
5	☐	250.000	259.657	3798461.12	0.4050	A	0.8
6	☐	500.000	502.916	7418169.96	0.7844	A	3.8
7	☐	1000.000	995.149	14948231.45	1.5521	A	3.5
8	☐			8872.77	0.0010	P	10.6

$$y = 0.0016 * x + 4.1539E-005$$

$$R = 0.9999$$

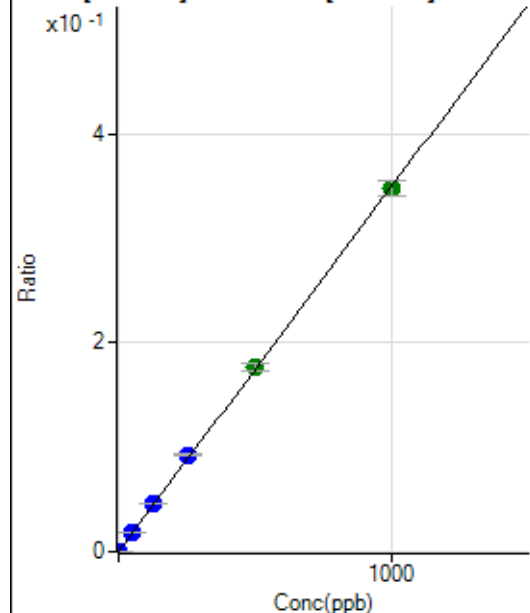
$$DL = 0.008541$$

$$BEC = 0.02663$$

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	68.89	0.0000	P	32.1
2	☐	1.000	1.021	3474.89	0.0004	P	3.0
3	☐	50.000	52.940	180610.72	0.0185	P	0.3
4	☐	125.000	132.985	445747.89	0.0465	P	0.8
5	☐	250.000	264.248	866812.32	0.0924	P	1.3
6	☐	500.000	503.469	1665178.29	0.1761	A	4.3
7	☐	1000.000	993.558	3346426.76	0.3475	A	4.1
8	☐			1976.82	0.0002	P	11.8

$$y = 3.4973E-004 * x + 7.2827E-006$$

$$R = 0.9999$$

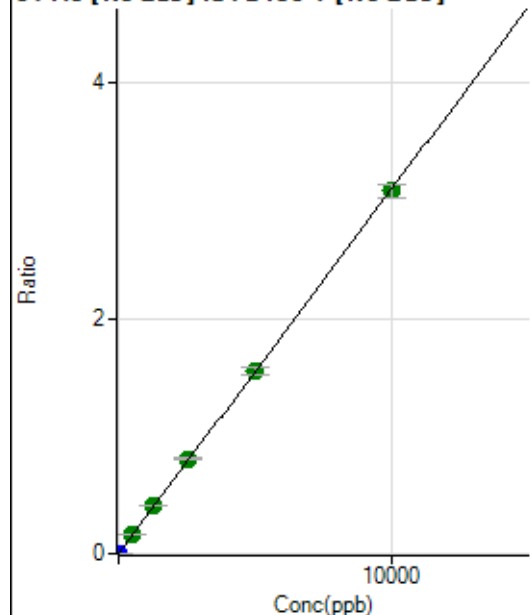
$$DL = 0.02005$$

$$BEC = 0.02082$$

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	180.00	0.0000	P	11.2
2	☐	5.000	5.910	17631.79	0.0018	P	0.4
3	☐	500.000	526.876	1590703.87	0.1631	A	0.4
4	☐	1250.000	1314.950	3901338.03	0.4071	A	0.6
5	☐	2500.000	2600.836	7551803.43	0.8052	A	1.3
6	☐	5000.000	5022.040	14704468.53	1.5548	A	3.6
7	☐	10000.000	9954.308	29678539.00	3.0817	A	4.1
8	☐			13122.69	0.0015	P	13.5

$$y = 3.0959\text{E-}004 * x + 1.9063\text{E-}005$$

$$R = 0.9999$$

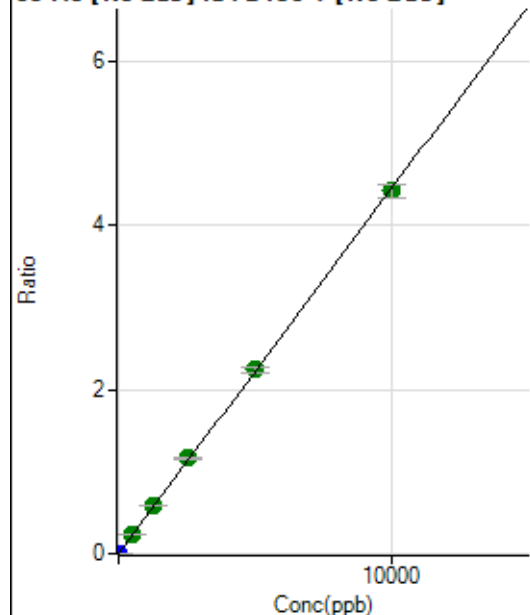
$$DL = 0.02068$$

$$BEC = 0.06158$$

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	107.78	0.0000	P	24.9
2	☐	5.000	5.112	21781.83	0.0023	P	1.4
3	☐	500.000	524.516	2273986.81	0.2332	A	0.9
4	☐	1250.000	1317.553	5613334.57	0.5858	A	0.1
5	☐	2500.000	2617.288	10913204.84	1.1636	A	1.4
6	☐	5000.000	5047.593	21225076.90	2.2441	A	3.1
7	☐	10000.000	9937.211	42550051.31	4.4179	A	3.4
8	☐			17116.92	0.0019	P	14.5

$$y = 4.4458\text{E-}004 * x + 1.1381\text{E-}005$$

$$R = 0.9999$$

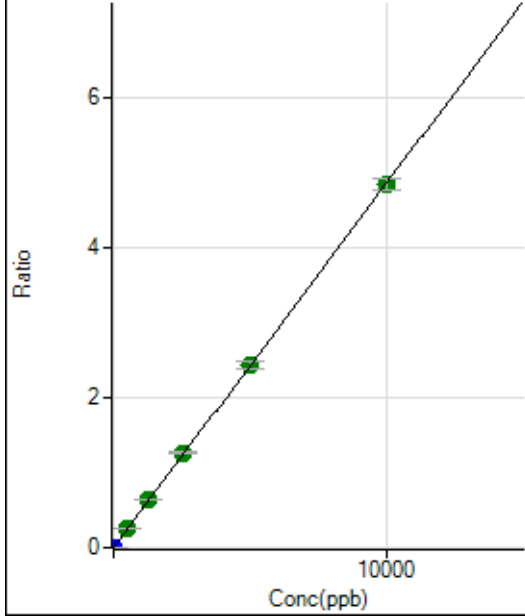
$$DL = 0.01914$$

$$BEC = 0.0256$$

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	82.22	0.0000	P	20.2
2	☐	5.000	5.061	23508.96	0.0025	P	1.5
3	☐	500.000	525.795	2488814.13	0.2552	A	1.0
4	☐	1250.000	1305.874	6074475.05	0.6339	A	0.0
5	☐	2500.000	2606.690	11866761.91	1.2653	A	2.0
6	☐	5000.000	5015.341	23022447.16	2.4345	A	4.2
7	☐	10000.000	9957.383	46552107.09	4.8334	A	3.3
8	☐			22584.34	0.0025	P	13.4

$$y = 4.8541\text{E-}004 * x + 8.7000\text{E-}006$$

$$R = 0.9999$$

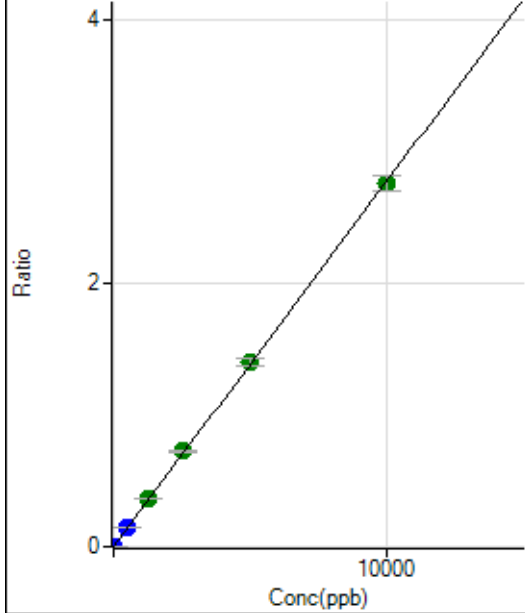
$$DL = 0.01085$$

$$BEC = 0.01792$$

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	38.89	0.0000	P	22.4
2	☐	5.000	5.037	13336.16	0.0014	P	1.5
3	☐	500.000	535.316	1444979.39	0.1482	P	0.5
4	☐	1250.000	1320.948	3504033.04	0.3657	A	0.3
5	☐	2500.000	2614.915	6788610.32	0.7238	A	1.6
6	☐	5000.000	5049.147	13217546.19	1.3977	A	4.1
7	☐	10000.000	9936.064	26487987.94	2.7504	A	4.2
8	☐			10712.95	0.0012	P	14.7

$$y = 2.7681\text{E-}004 * x + 4.1183\text{E-}006$$

$$R = 0.9999$$

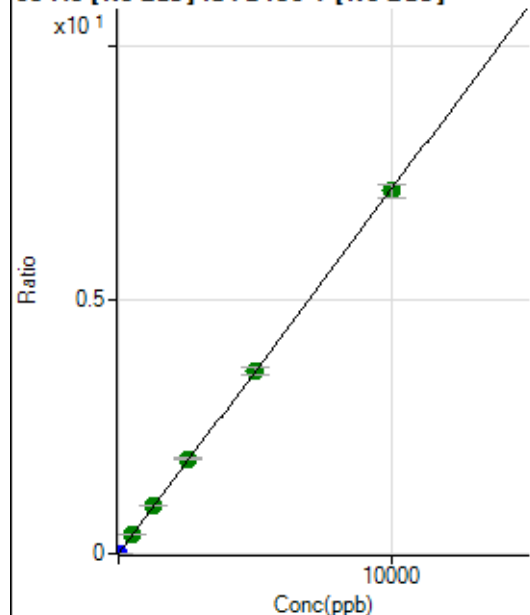
$$DL = 0.009985$$

$$BEC = 0.01488$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.66	0.0000	P	15.1
2	☐	5.000	5.036	34515.14	0.0036	P	0.3
3	☐	500.000	523.570	3660766.58	0.3754	A	1.1
4	☐	1250.000	1310.590	9005158.06	0.9397	A	0.2
5	☐	2500.000	2606.400	17526855.16	1.8688	A	1.9
6	☐	5000.000	5027.793	34092901.44	3.6050	A	3.9
7	☐	10000.000	9950.751	68713225.09	7.1348	A	4.0
8	☐			27186.90	0.0031	P	18.1

$$y = 7.1701\text{E-}004 * x + 8.1104\text{E-}006$$

$$R = 0.9999$$

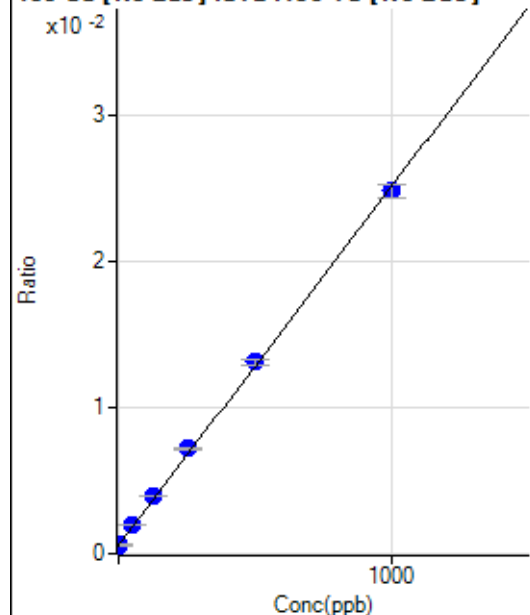
$$DL = 0.005108$$

$$BEC = 0.01131$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5369.94	0.0006	P	1.3
2	☐	1.000	1.655	5837.89	0.0006	P	3.6
3	☐	50.000	56.454	19335.19	0.0019	P	1.4
4	☐	125.000	136.661	38788.33	0.0039	P	1.4
5	☐	250.000	270.502	70527.77	0.0072	P	2.6
6	☐	500.000	510.712	129991.77	0.0131	P	3.7
7	☐	1000.000	987.737	249722.82	0.0248	P	3.6
8	☐			5182.10	0.0006	P	0.6

$$y = 2.4574\text{E-}005 * x + 5.5809\text{E-}004$$

$$R = 0.9997$$

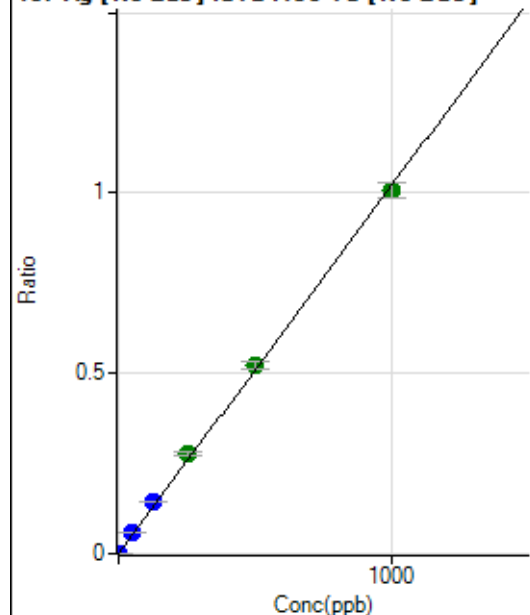
$$DL = 0.8914$$

$$BEC = 22.71$$

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	62.22	0.0000	P	22.0
2	☐	1.000	1.053	10536.10	0.0011	P	2.0
3	☐	50.000	56.603	574000.21	0.0578	P	1.2
4	☐	125.000	139.844	1413059.06	0.1427	P	1.0
5	☐	250.000	272.456	2720746.03	0.2780	A	2.5
6	☐	500.000	512.323	5182854.19	0.5227	A	4.2
7	☐	1000.000	986.038	10115754.78	1.0060	A	4.2
8	☐			1924.60	0.0002	P	34.1

$$y = 0.0010 * x + 6.4823E-006$$

$$R = 0.9996$$

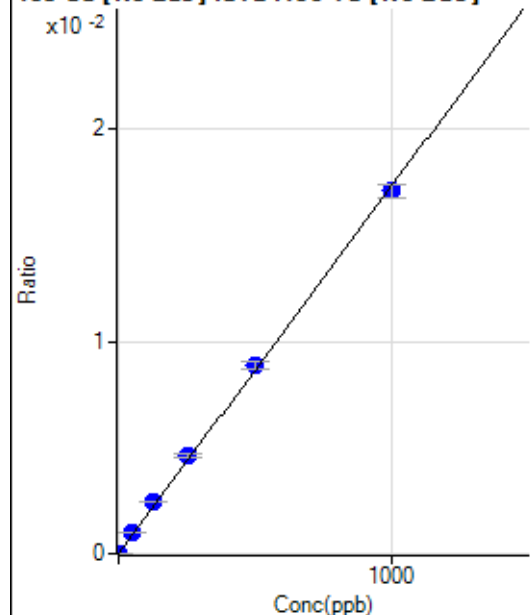
$$DL = 0.004201$$

$$BEC = 0.006354$$

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	16.67	0.0000	P	72.5
2	☐	1.000	0.973	181.12	0.0000	P	14.4
3	☐	50.000	55.602	9592.13	0.0010	P	1.6
4	☐	125.000	139.567	23966.55	0.0024	P	1.1
5	☐	250.000	266.603	45225.82	0.0046	P	3.6
6	☐	500.000	512.929	88149.95	0.0089	P	3.3
7	☐	1000.000	987.284	172038.29	0.0171	P	3.9
8	☐			161.11	0.0000	P	7.8

$$y = 1.7326E-005 * x + 1.7407E-006$$

$$R = 0.9997$$

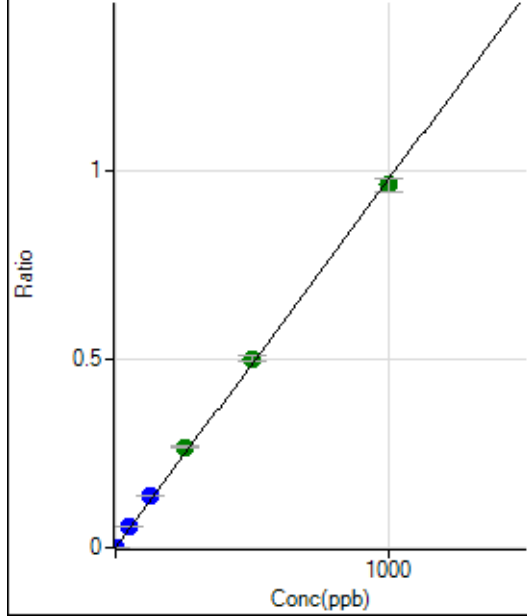
$$DL = 0.2185$$

$$BEC = 0.1005$$

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	13.33	0.0000	P	43.8
2	☐	1.000	1.022	9752.24	0.0010	P	1.8
3	☐	50.000	56.531	549058.42	0.0552	P	1.3
4	☐	125.000	139.394	1349072.27	0.1362	P	1.2
5	☐	250.000	272.037	2602094.86	0.2658	A	2.0
6	☐	500.000	513.281	4974236.87	0.5016	A	3.4
7	☐	1000.000	985.724	9686735.41	0.9632	A	4.0
8	☐			1949.05	0.0002	P	31.1

$$y = 9.7718\text{E-}004 * x + 1.3878\text{E-}006$$

$$R = 0.9996$$

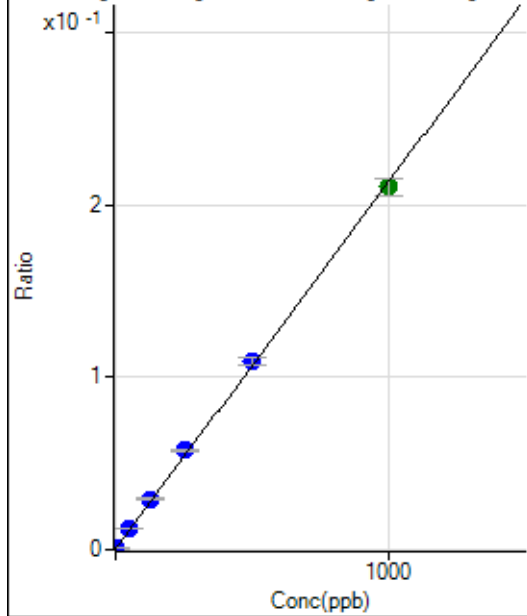
$$DL = 0.001868$$

$$BEC = 0.00142$$

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	3750.62	0.0004	P	1.0
2	☐	1.000	1.155	6199.94	0.0006	P	4.2
3	☐	50.000	55.054	120431.45	0.0121	P	1.0
4	☐	125.000	136.715	292286.26	0.0295	P	1.7
5	☐	250.000	269.770	566287.03	0.0579	P	2.4
6	☐	500.000	512.895	1087315.54	0.1096	P	3.6
7	☐	1000.000	986.893	2117622.54	0.2106	A	4.9
8	☐			3954.70	0.0004	P	2.0

$$y = 2.1301\text{E-}004 * x + 3.8979\text{E-}004$$

$$R = 0.9996$$

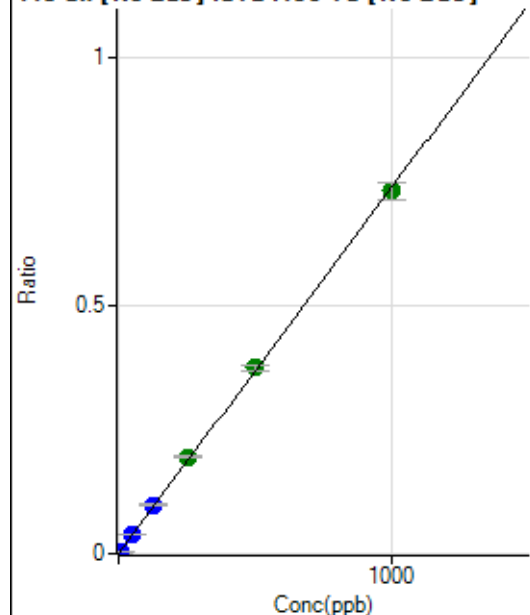
$$DL = 0.05759$$

$$BEC = 1.83$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1523.43	0.0002	P	2.2
2	☐	5.000	5.043	37802.86	0.0039	P	0.6
3	☐	50.000	53.827	395910.80	0.0398	P	1.2
4	☐	125.000	133.633	977123.47	0.0987	P	1.4
5	☐	250.000	264.279	1908263.85	0.1950	A	2.5
6	☐	500.000	507.391	3710486.72	0.3742	A	3.9
7	☐	1000.000	991.464	7350148.99	0.7310	A	4.5
8	☐			7772.17	0.0009	P	4.3

$$y = 7.3710E-004 * x + 1.5833E-004$$

$$R = 0.9998$$

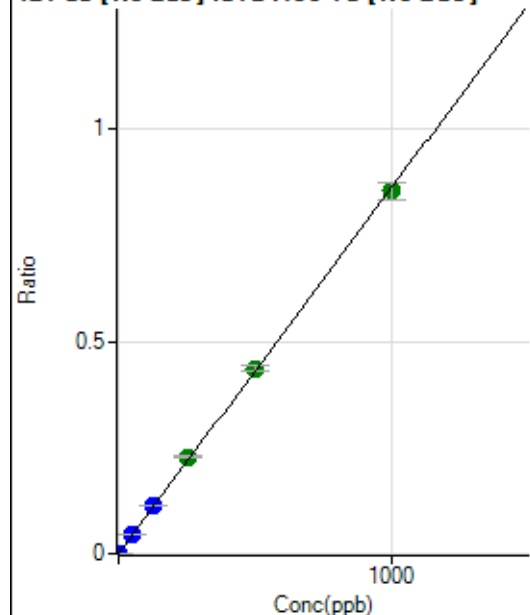
$$DL = 0.01406$$

$$BEC = 0.2148$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.89	0.0000	P	8.6
2	☐	2.000	2.008	16928.95	0.0017	P	1.4
3	☐	50.000	53.086	454698.24	0.0457	P	1.2
4	☐	125.000	131.584	1123016.48	0.1134	P	1.0
5	☐	250.000	265.348	2238035.58	0.2287	A	2.9
6	☐	500.000	507.031	4332517.68	0.4369	A	4.0
7	☐	1000.000	991.670	8592620.63	0.8545	A	4.4
8	☐			6373.69	0.0007	P	2.8

$$y = 8.6169E-004 * x + 5.0831E-006$$

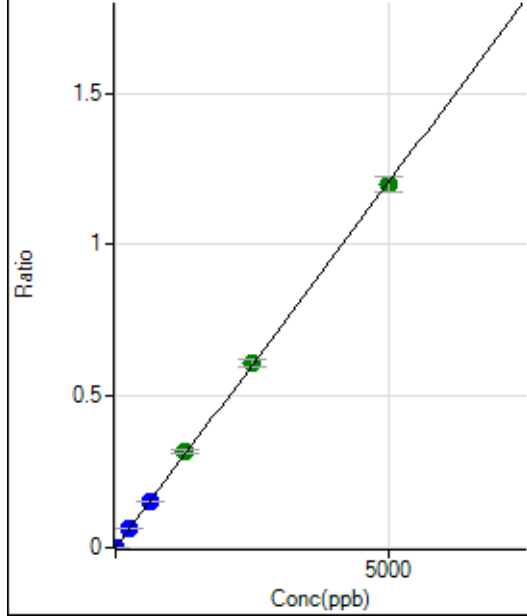
$$R = 0.9998$$

$$DL = 0.001514$$

$$BEC = 0.005899$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.45	0.0000	P	29.7
2	☐	10.000	9.770	22986.40	0.0024	P	1.0
3	☐	250.000	257.971	617856.35	0.0622	P	0.7
4	☐	625.000	640.174	1527814.39	0.1543	P	1.2
5	☐	1250.000	1315.960	3103832.52	0.3171	A	2.5
6	☐	2500.000	2529.958	6045359.22	0.6096	A	3.9
7	☐	5000.000	4966.236	12033655.79	1.1967	A	4.3
8	☐			5266.59	0.0006	P	12.3

$$y = 2.4096E-004 * x + 2.5495E-006$$

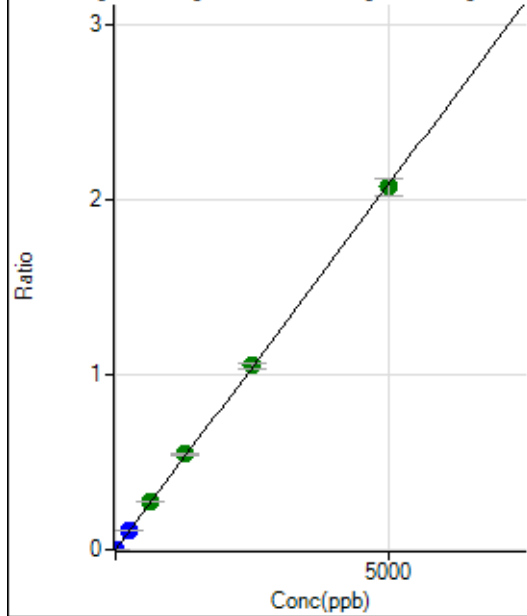
$$R = 0.9999$$

$$DL = 0.009432$$

$$BEC = 0.01058$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67.78	0.0000	P	18.0
2	☐	10.000	9.806	39996.15	0.0041	P	0.8
3	☐	250.000	258.494	1072500.59	0.1079	P	1.0
4	☐	625.000	663.893	2744723.12	0.2771	A	0.4
5	☐	1250.000	1315.066	5373417.77	0.5489	A	2.1
6	☐	2500.000	2520.154	10432572.55	1.0520	A	3.6
7	☐	5000.000	4968.370	20853715.66	2.0739	A	4.6
8	☐			8942.94	0.0010	P	14.4

$$y = 4.1742E-004 * x + 7.0388E-006$$

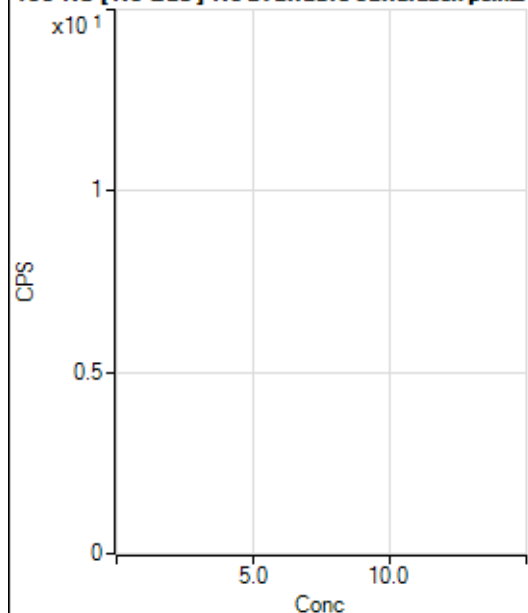
$$R = 0.9999$$

$$DL = 0.009125$$

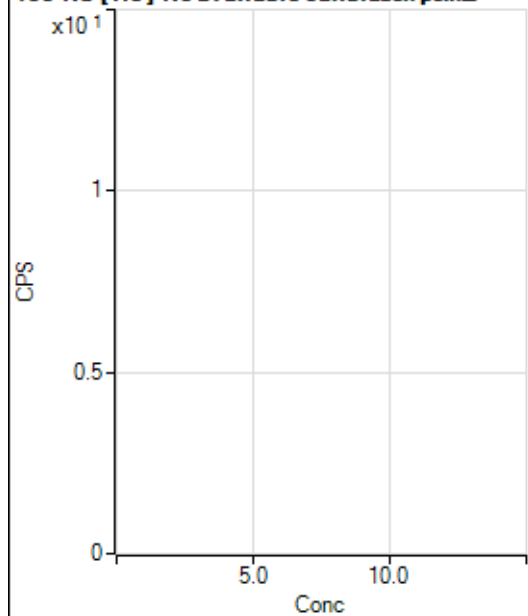
$$BEC = 0.01686$$

Weight: <None>

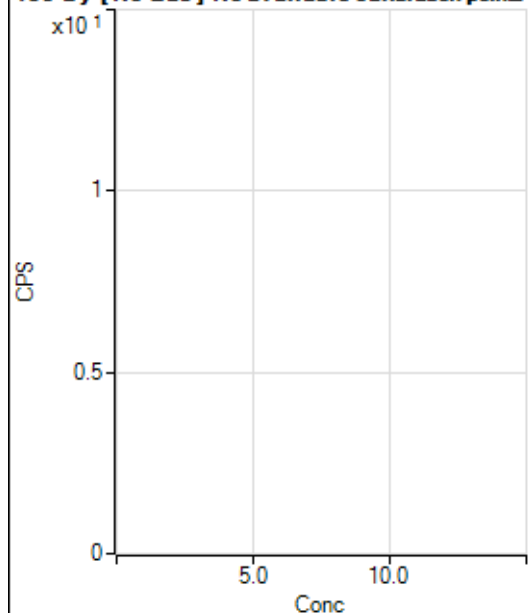
Min Conc: 0

150 Nd [No Gas] No available calibration points

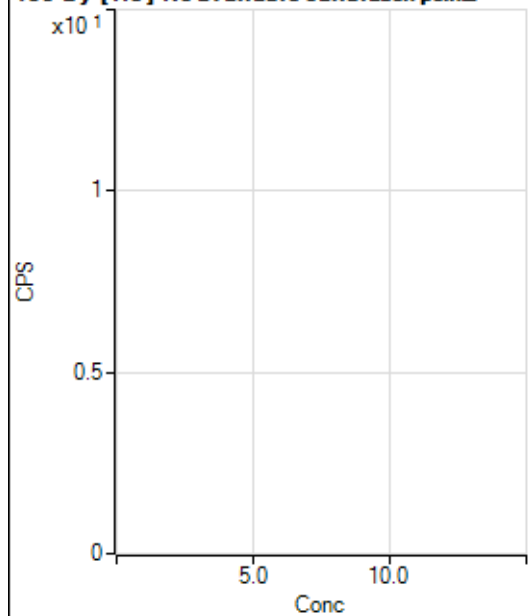
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			14.44		P	13.4
3	☐			124.45		P	6.7
4	☐			288.89		P	12.1
5	☐			535.57		P	1.9
6	☐			1020.05		P	7.4
7	☐			2207.97		P	4.3
8	☐			214.45		P	19.0

150 Nd [He] No available calibration points

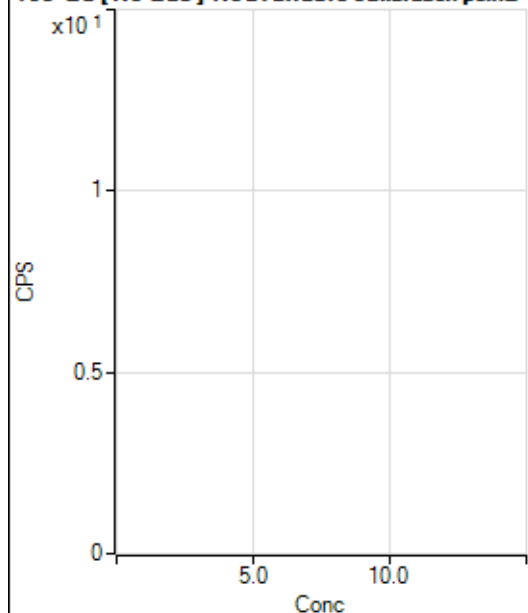
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			8.89		P	43.3
3	☐			26.67		P	33.1
4	☐			53.33		P	12.5
5	☐			115.56		P	33.3
6	☐			190.00		P	7.6
7	☐			398.90		P	4.6
8	☐			97.78		P	25.1

156 Dy [No Gas] No available calibration points

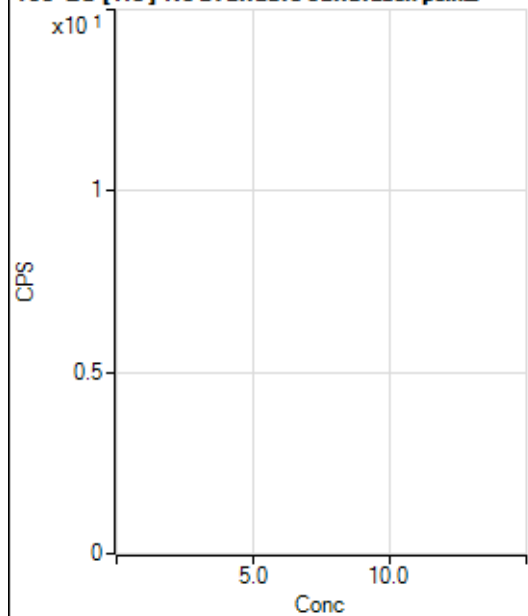
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	107.
2	☐			6.67		P	50.0
3	☐			38.89		P	40.5
4	☐			53.33		P	22.5
5	☐			136.67		P	15.2
6	☐			254.45		P	17.4
7	☐			554.46		P	7.8
8	☐			386.68		P	3.4

156 Dy [He] No available calibration points

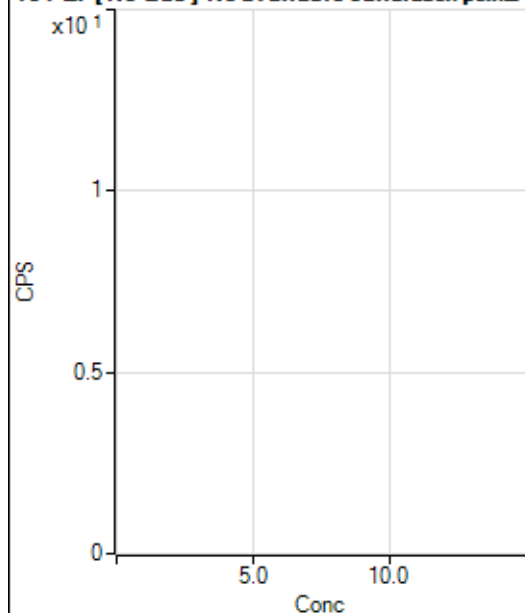
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			7.78		P	99.0
3	☐			54.45		P	12.7
4	☐			78.89		P	32.3
5	☐			197.78		P	1.0
6	☐			297.78		P	8.4
7	☐			692.25		P	8.6
8	☐			235.56		P	9.9

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

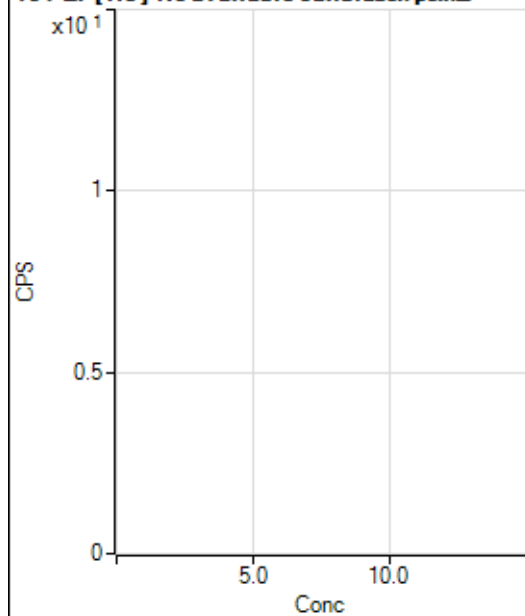
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	26.4
2	☐			47.78		P	28.2
3	☐			45.56		P	22.4
4	☐			88.89		P	18.9
5	☐			95.56		P	23.2
6	☐			120.00		P	12.7
7	☐			277.78		P	4.2
8	☐			350.01		P	2.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			377.79		P	10.3
2	☐			350.01		P	9.4
3	☐			368.90		P	6.7
4	☐			428.90		P	3.7
5	☐			360.01		P	12.5
6	☐			422.24		P	7.5
7	☐			484.46		P	3.5
8	☐			505.57		P	0.8

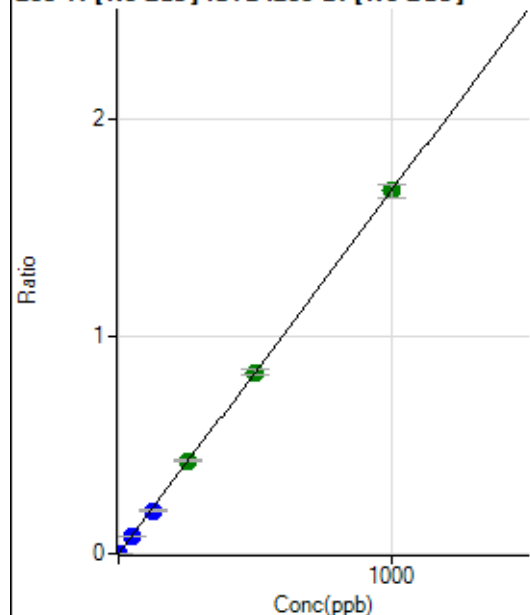
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			78.89		P	14.8
2	☐			70.00		P	9.5
3	☐			72.22		P	31.4
4	☐			118.89		P	22.8
5	☐			127.78		P	8.0
6	☐			141.11		P	5.5
7	☐			337.78		P	11.4
8	☐			382.23		P	3.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	26.4
2	☐			50.00		P	17.6
3	☐			42.22		P	16.4
4	☐			51.11		P	18.8
5	☐			70.00		P	12.6
6	☐			75.55		P	14.2
7	☐			156.67		P	18.2
8	☐			236.67		P	13.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.22	0.0000	P	7.5
2	☐	1.000	0.905	9515.62	0.0015	P	2.2
3	☐	50.000	47.744	503415.87	0.0796	P	0.9
4	☐	125.000	119.080	1261692.52	0.1985	P	2.1
5	☐	250.000	255.995	2675093.36	0.4268	A	1.0
6	☐	500.000	499.256	5135992.84	0.8322	A	3.5
7	☐	1000.000	999.726	10153259.92	1.6665	A	3.8
8	☐			1673.46	0.0003	P	37.1

$$y = 0.0017 * x + 3.1400E-005$$

$$R = 1.0000$$

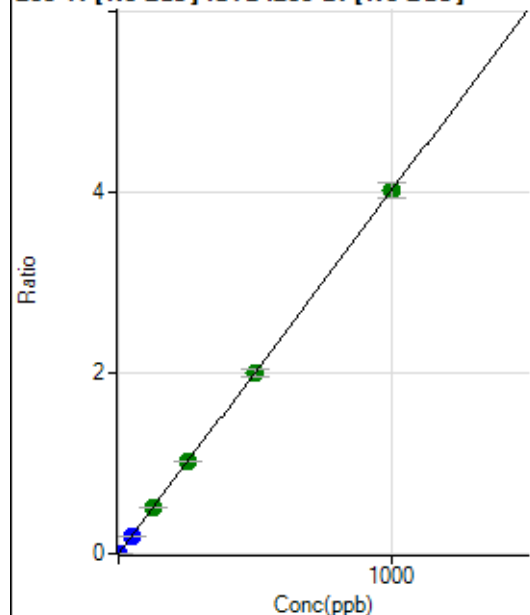
$$DL = 0.004229$$

$$BEC = 0.01884$$

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	488.90	0.0001	P	5.9
2	☐	1.000	0.883	22402.94	0.0036	P	1.0
3	☐	50.000	47.657	1210750.21	0.1915	P	1.2
4	☐	125.000	127.650	3258753.91	0.5128	A	2.4
5	☐	250.000	254.667	6411845.81	1.0229	A	1.4
6	☐	500.000	498.273	12348550.65	2.0013	A	4.3
7	☐	1000.000	999.483	24455651.30	4.0143	A	4.2
8	☐			4242.97	0.0008	P	30.5

$$y = 0.0040 * x + 7.9880E-005$$

$$R = 1.0000$$

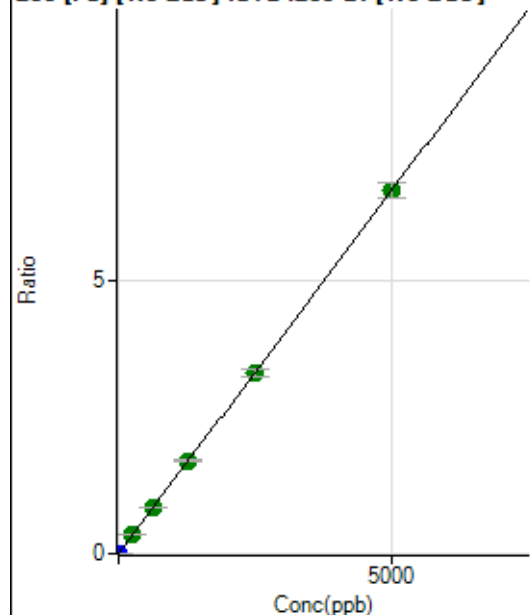
$$DL = 0.003504$$

$$BEC = 0.01989$$

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	320.01	0.0001	P	12.3
2	☐	1.000	0.914	7844.55	0.0013	P	1.9
3	☐	250.000	257.170	2166355.35	0.3426	A	2.1
4	☐	625.000	639.379	5412917.77	0.8517	A	2.1
5	☐	1250.000	1277.249	10664036.16	1.7013	A	2.2
6	☐	2500.000	2486.385	20435304.56	3.3119	A	4.3
7	☐	5000.000	4997.839	40555121.34	6.6571	A	4.4
8	☐			19132.53	0.0038	P	11.2

$$y = 0.0013 * x + 5.2280E-005$$

$$R = 1.0000$$

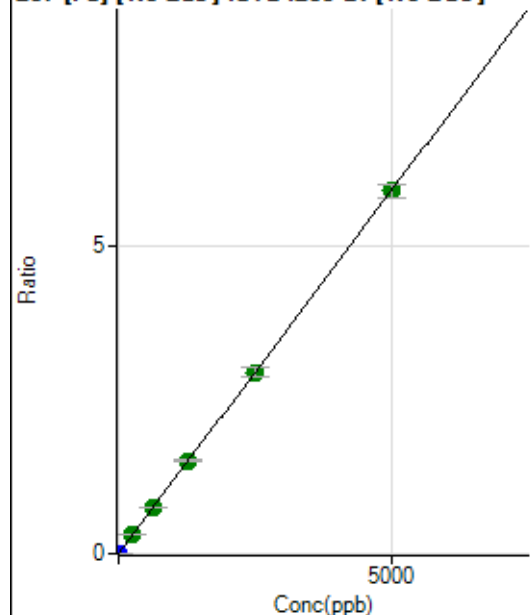
$$DL = 0.0145$$

$$BEC = 0.03925$$

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	261.12	0.0000	P	6.5
2	☐	1.000	0.920	6970.74	0.0011	P	2.8
3	☐	250.000	257.855	1923824.48	0.3043	A	1.9
4	☐	625.000	638.311	4786852.05	0.7531	A	0.9
5	☐	1250.000	1277.465	9446866.60	1.5072	A	2.3
6	☐	2500.000	2493.228	18148358.34	2.9416	A	5.0
7	☐	5000.000	4994.463	35899391.97	5.8926	A	4.1
8	☐			17184.44	0.0034	P	13.6

$$y = 0.0012 * x + 4.2703E-005$$

$$R = 1.0000$$

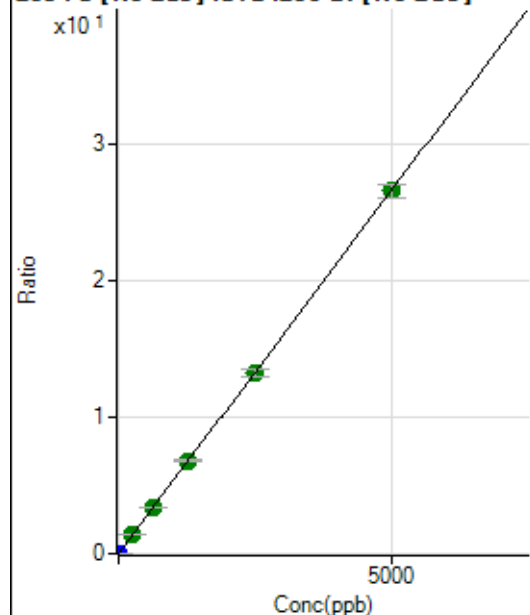
$$DL = 0.007089$$

$$BEC = 0.03619$$

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	1278.93	0.0002	P	3.1
2	☐	1.000	0.924	31719.24	0.0051	P	1.3
3	☐	250.000	257.163	8671952.13	1.3715	A	1.2
4	☐	625.000	638.578	21642206.73	3.4053	A	1.9
5	☐	1250.000	1279.697	42771212.98	6.8239	A	2.3
6	☐	2500.000	2495.062	82088193.09	13.3046	A	4.6
7	☐	5000.000	4992.990	162203164.8	26.6242	A	4.0
8	☐			77555.55	0.0153	P	11.9

$$y = 0.0053 * x + 2.0905E-004$$

$$R = 1.0000$$

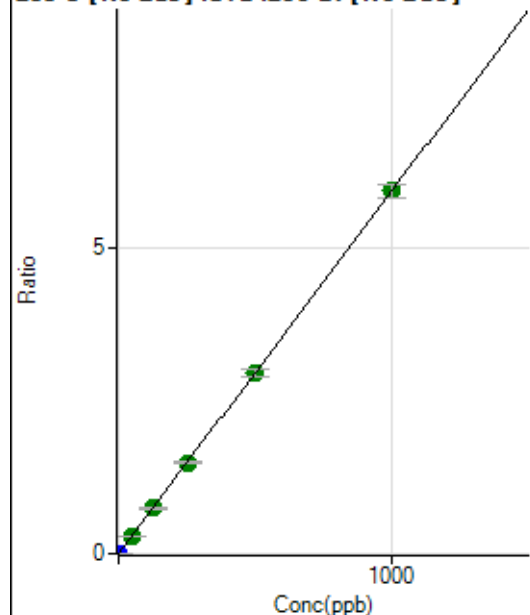
$$DL = 0.003606$$

$$BEC = 0.0392$$

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	36.67	0.0000	P	7.9
2	☐	1.000	0.851	31204.30	0.0051	P	0.5
3	☐	50.000	49.112	1840896.03	0.2911	A	2.3
4	☐	125.000	124.982	4708757.88	0.7409	A	1.8
5	☐	250.000	250.229	9297601.95	1.4834	A	2.7
6	☐	500.000	496.815	18172277.92	2.9452	A	4.4
7	☐	1000.000	1001.582	36173060.85	5.9375	A	4.0
8	☐			4344.20	0.0009	P	44.9

$$y = 0.0059 * x + 5.9894E-006$$

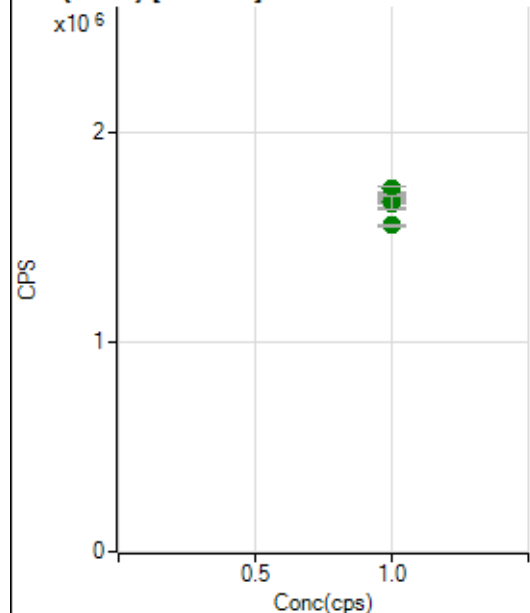
$$R = 1.0000$$

$$DL = 0.0002382$$

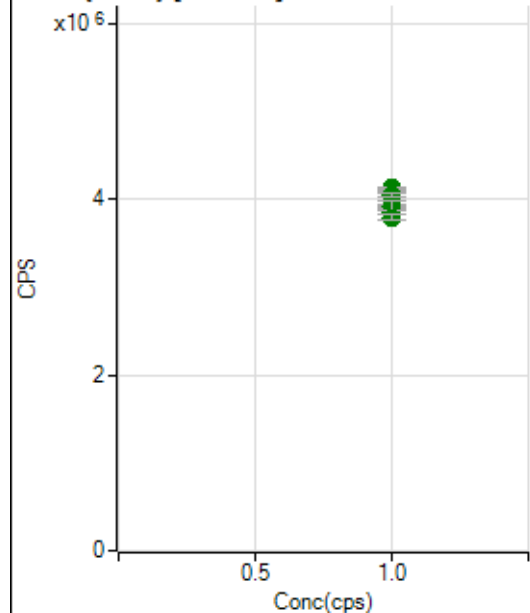
$$BEC = 0.00101$$

Weight: <None>

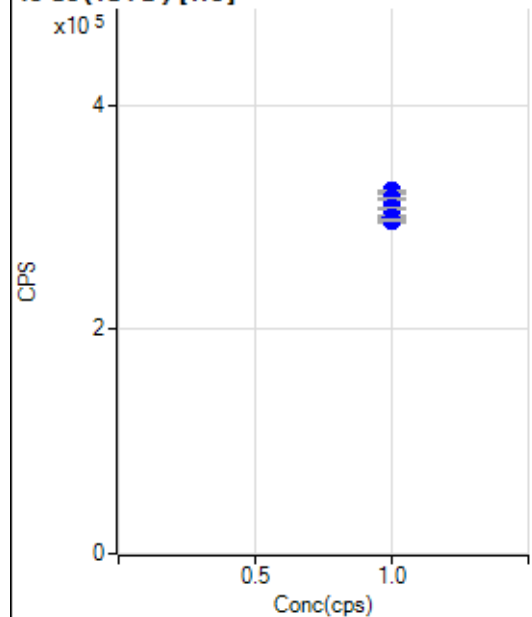
Min Conc: 0

6 Li (ISTD) [No Gas]

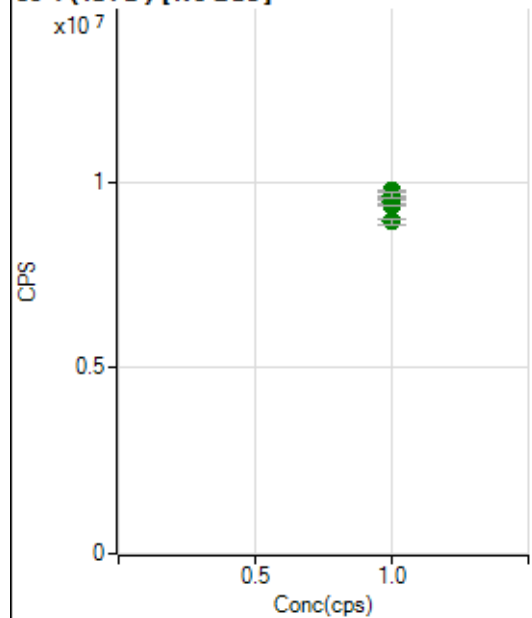
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1670005.42		A	2.9
2	☐	1.000		1684797.91		A	2.2
3	☐	1.000		1734639.44		A	1.4
4	☐	1.000		1702990.29		A	0.9
5	☐	1.000		1665641.27		A	2.3
6	☐	1.000		1669094.73		A	1.0
7	☐	1.000		1670659.00		A	4.0
8	☐	1.000		1559536.97		A	0.7

45 Sc (ISTD) [No Gas]

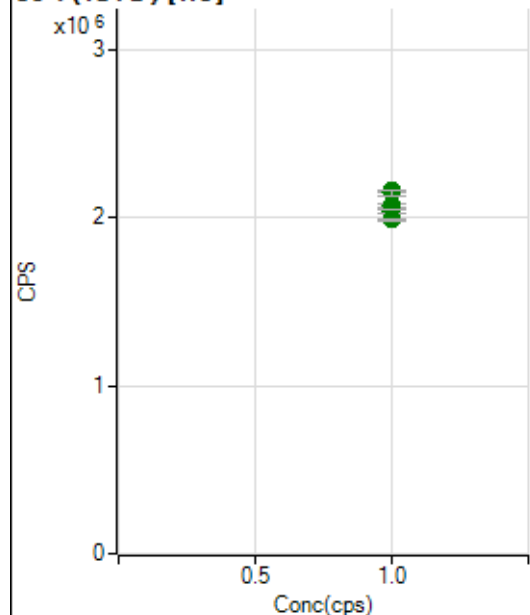
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4022274.91		A	2.2
2	☐	1.000		4062289.52		A	1.2
3	☐	1.000		4133219.07		A	0.7
4	☐	1.000		4045206.40		A	1.2
5	☐	1.000		3927203.90		A	0.4
6	☐	1.000		3862085.50		A	1.6
7	☐	1.000		3923550.88		A	2.8
8	☐	1.000		3799438.24		A	1.5

45 Sc (ISTD) [He]

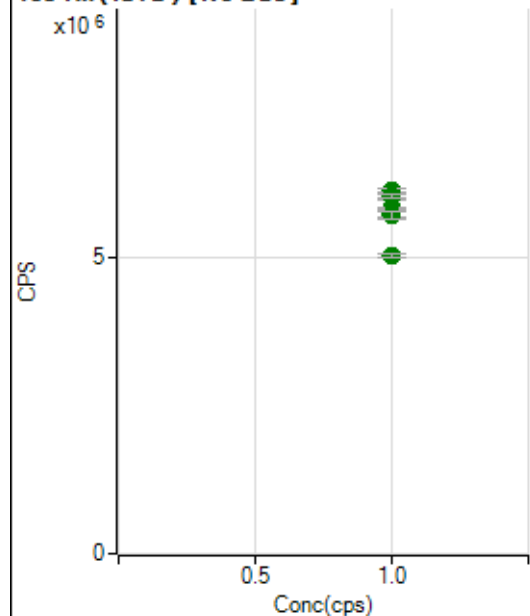
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		321743.92		P	0.4
2	☐	1.000		323315.52		P	0.3
3	☐	1.000		316923.72		P	0.5
4	☐	1.000		308049.60		P	0.5
5	☐	1.000		298849.39		P	0.7
6	☐	1.000		296491.02		P	0.9
7	☐	1.000		299918.24		P	0.7
8	☐	1.000		297227.49		P	0.5

89 Y (ISTD) [No Gas]

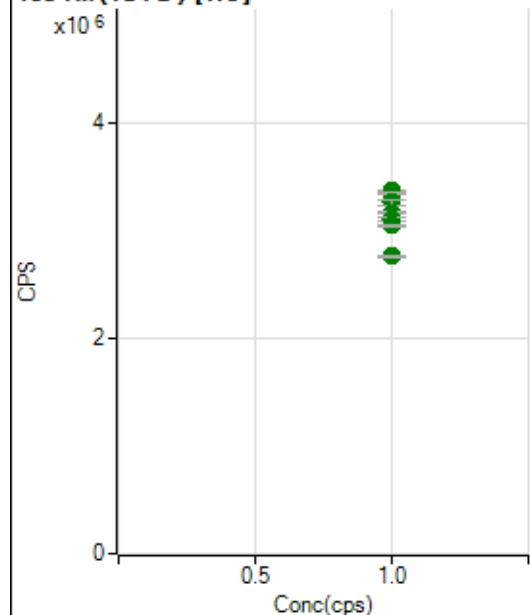
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9453007.98		A	1.8
2	☐	1.000		9536425.34		A	1.0
3	☐	1.000		9751035.76		A	0.3
4	☐	1.000		9582848.05		A	0.4
5	☐	1.000		9379116.53		A	0.6
6	☐	1.000		9462370.70		A	2.1
7	☐	1.000		9635248.05		A	1.9
8	☐	1.000		8921084.59		A	1.7

89 Y (ISTD) [He]

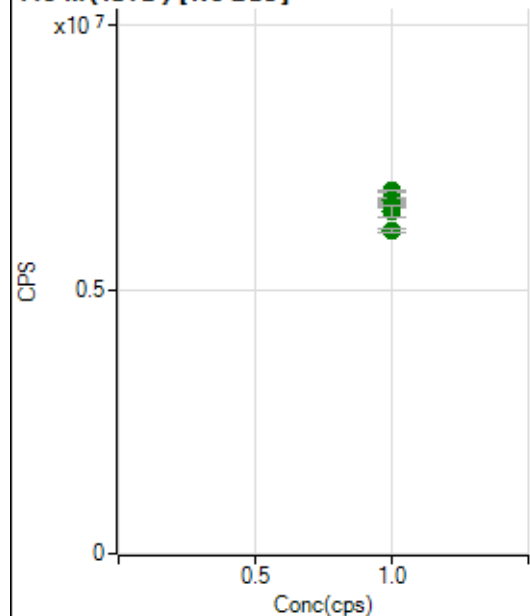
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2157587.29		A	0.8
2	☐	1.000		2157694.66		A	0.4
3	☐	1.000		2145648.30		A	1.3
4	☐	1.000		2074229.40		A	1.2
5	☐	1.000		2034423.23		A	0.8
6	☐	1.000		2054171.65		A	0.9
7	☐	1.000		2034700.04		A	0.9
8	☐	1.000		1987387.99		A	0.5

103 Rh (ISTD) [No Gas]

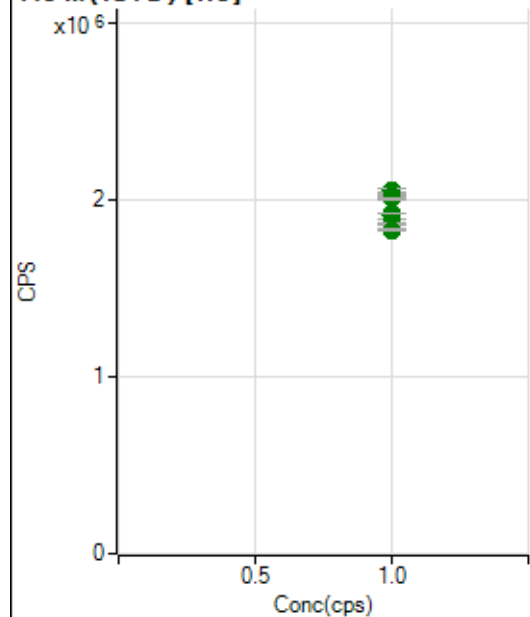
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6035795.74		A	2.1
2	☐	1.000		6053545.33		A	0.5
3	☐	1.000		6108151.37		A	1.1
4	☐	1.000		6032631.79		A	1.2
5	☐	1.000		5823945.61		A	0.2
6	☐	1.000		5730185.19		A	1.9
7	☐	1.000		5706002.41		A	2.5
8	☐	1.000		5027876.45		A	1.3

103 Rh (ISTD) [He]

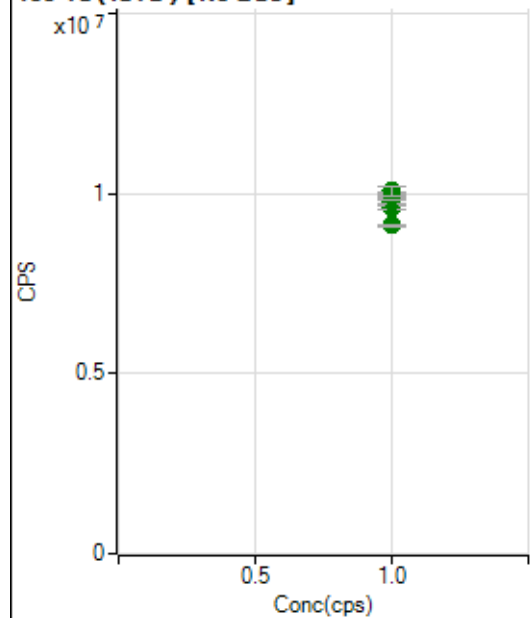
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3355990.02		A	0.3
2	☐	1.000		3364411.58		A	0.3
3	☐	1.000		3343363.42		A	0.9
4	☐	1.000		3254474.64		A	1.5
5	☐	1.000		3164462.94		A	0.7
6	☐	1.000		3103792.28		A	0.9
7	☐	1.000		3046045.89		A	0.7
8	☐	1.000		2756576.80		A	0.6

115 In (ISTD) [No Gas]

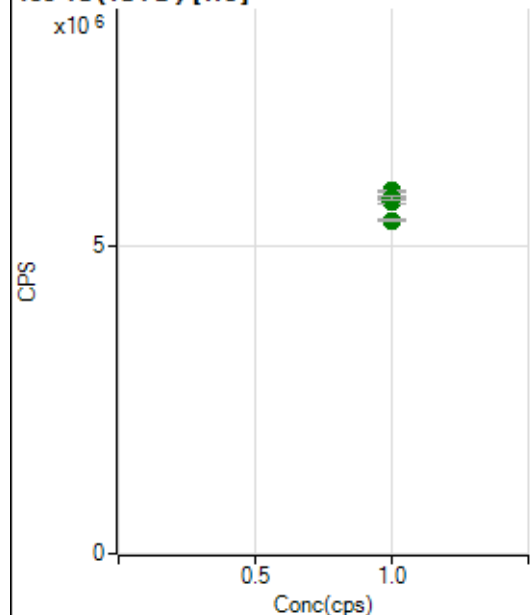
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6663548.20		A	1.4
2	☐	1.000		6703318.00		A	1.2
3	☐	1.000		6862810.00		A	0.8
4	☐	1.000		6693226.38		A	0.6
5	☐	1.000		6596639.76		A	1.6
6	☐	1.000		6573132.85		A	0.5
7	☐	1.000		6489439.10		A	3.3
8	☐	1.000		6114139.12		A	0.9

115 In (ISTD) [He]

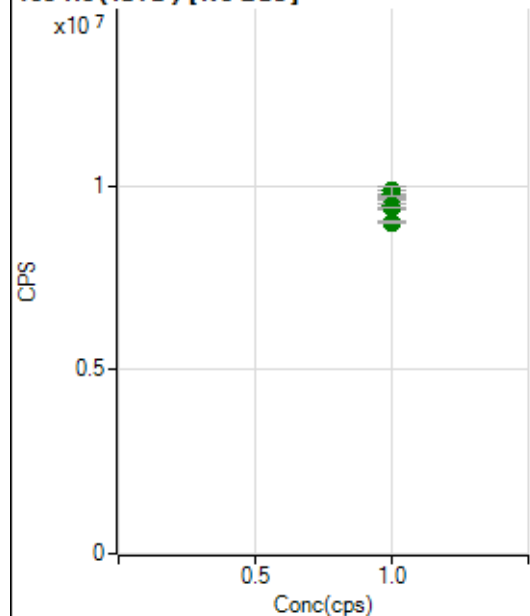
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2038851.89		A	0.7
2	☐	1.000		2052630.94		A	1.3
3	☐	1.000		2025717.72		A	0.5
4	☐	1.000		2009658.22		A	0.3
5	☐	1.000		1927930.48		A	0.2
6	☐	1.000		1909775.85		A	1.9
7	☐	1.000		1868931.33		A	0.8
8	☐	1.000		1829441.85		A	0.8

159 Tb (ISTD) [No Gas]

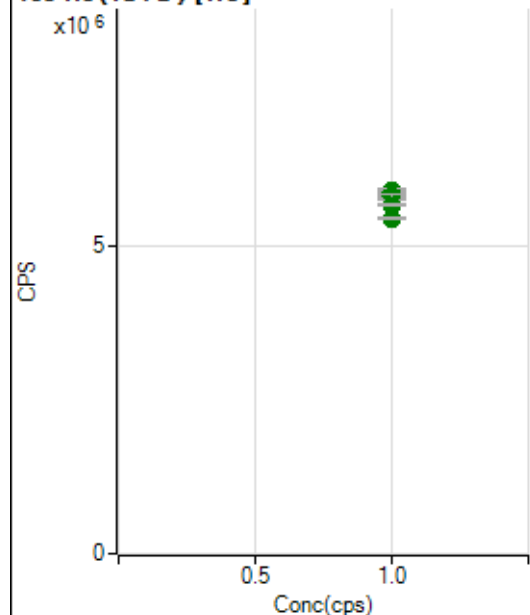
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9623118.47		A	2.0
2	☐	1.000		9754344.65		A	1.9
3	☐	1.000		9939154.09		A	0.2
4	☐	1.000		9904122.56		A	0.1
5	☐	1.000		9789958.32		A	1.2
6	☐	1.000		9921003.11		A	1.8
7	☐	1.000		10063313.95		A	2.6
8	☐	1.000		9112722.08		A	0.7

159 Tb (ISTD) [He]

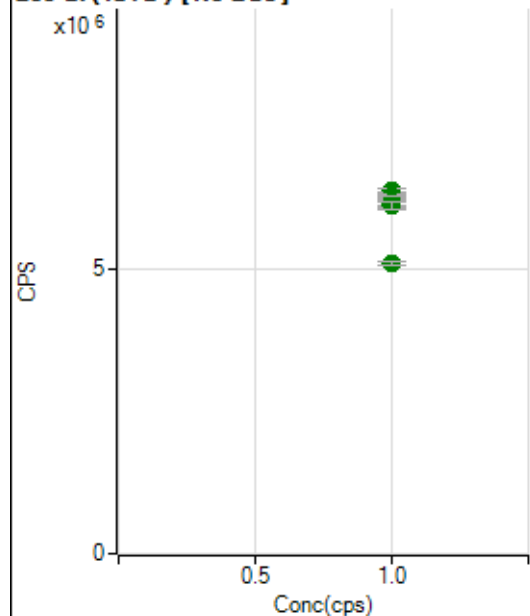
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5790526.23		A	0.3
2	☐	1.000		5879867.35		A	0.6
3	☐	1.000		5861077.76		A	0.4
4	☐	1.000		5881056.44		A	0.8
5	☐	1.000		5748666.10		A	0.6
6	☐	1.000		5713352.76		A	1.1
7	☐	1.000		5757672.83		A	1.0
8	☐	1.000		5399570.44		A	0.4

165 Ho (ISTD) [No Gas]

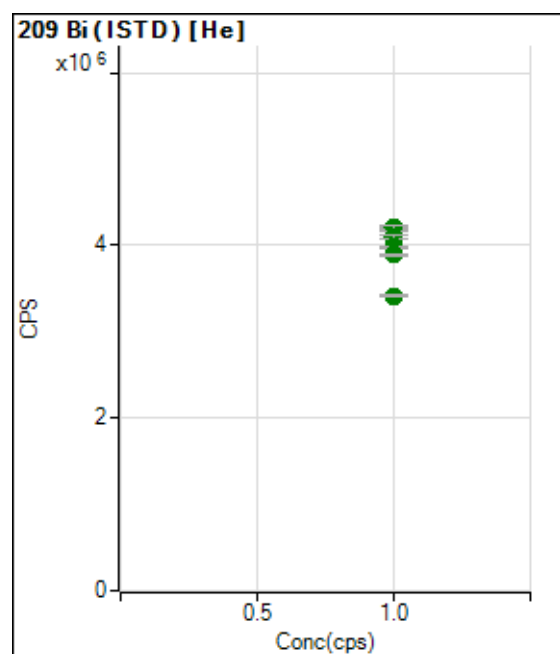
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9416969.37		A	1.6
2	☐	1.000		9460369.51		A	1.4
3	☐	1.000		9715413.33		A	0.6
4	☐	1.000		9710304.51		A	0.4
5	☐	1.000		9675628.88		A	1.1
6	☐	1.000		9777730.27		A	1.9
7	☐	1.000		9854910.06		A	2.3
8	☐	1.000		8997138.62		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5845147.83		A	0.3
2	☐	1.000		5851267.00		A	0.8
3	☐	1.000		5889361.23		A	0.2
4	☐	1.000		5870482.41		A	1.6
5	☐	1.000		5793766.72		A	0.9
6	☐	1.000		5794281.37		A	1.4
7	☐	1.000		5656309.71		A	0.4
8	☐	1.000		5442327.63		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6117943.94		A	1.2
2	☐	1.000		6177494.07		A	0.4
3	☐	1.000		6323053.10		A	0.5
4	☐	1.000		6356290.04		A	1.2
5	☐	1.000		6269018.31		A	1.4
6	☐	1.000		6174739.91		A	2.5
7	☐	1.000		6096313.45		A	2.5
8	☐	1.000		5079987.11		A	1.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4200867.44		A	1.0
2	☐	1.000		4175927.72		A	0.7
3	☐	1.000		4197641.61		A	0.7
4	☐	1.000		4198897.26		A	1.2
5	☐	1.000		4089356.74		A	1.1
6	☐	1.000		3976805.46		A	0.8
7	☐	1.000		3889839.07		A	0.6
8	☐	1.000		3407722.14		A	0.7