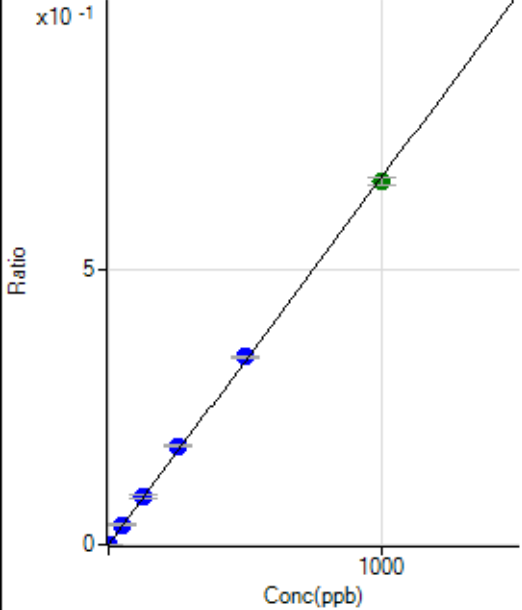


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7010324 MS.b\
 Analysis File: P7010324 MS.batch.bin
 DA Date-Time: 2024-01-04 09:42:14
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2024-01-03 08:30:22
2	005CALS.d	S02	2024-01-03 08:40:10
3	006CALS.d	S03	2024-01-03 08:43:27
4	007CALS.d	S04	2024-01-03 08:46:33
5	008CALS.d	S05	2024-01-03 08:49:31
6	009CALS.d	S06	2024-01-03 08:52:19
7	010CALS.d	S07	2024-01-03 08:55:08
8	012CALS.d	S08	2024-01-03 09:01:09

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0000	P	30.5
2	☐	1.000	1.071	1703.44	0.0008	P	4.3
3	☐	50.000	54.273	82420.21	0.0363	P	4.7
4	☐	125.000	131.383	201704.93	0.0877	P	8.7
5	☐	250.000	268.668	403020.53	0.1793	P	1.2
6	☐	500.000	512.499	747392.99	0.3421	P	1.0
7	☐	1000.000	988.072	1407982.17	0.6595	A	2.2
8	☐			310.01	0.0002	P	17.2

$y = 6.6737E-004 * x + 4.4815E-005$

$R = 0.9997$

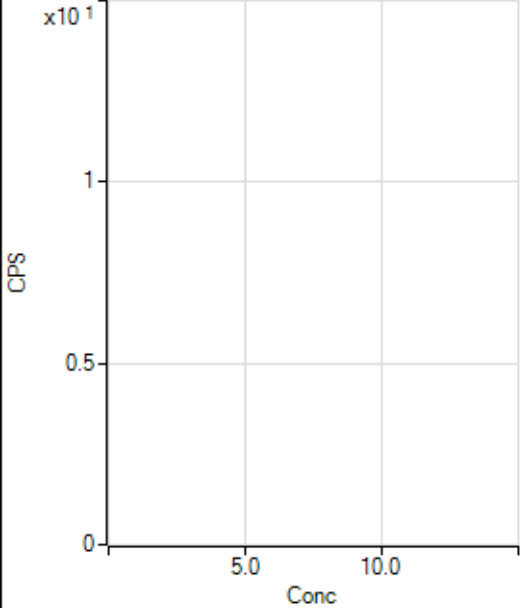
$DL = 0.06151$

$BEC = 0.06715$

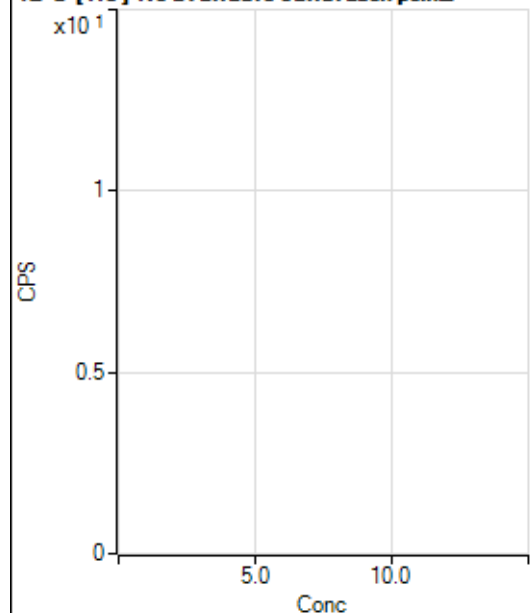
Weight: <None>

Min Conc: 0

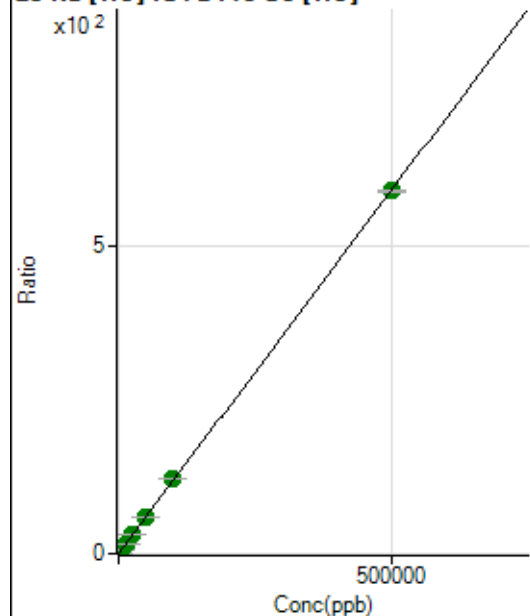
12 C [No Gas] No available calibration points



	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	12410.62	0.0345	P	1.0
2	☐	500.000	548.484	232306.97	0.6843	P	8.4
3	☐	5000.000	5261.462	2163152.05	6.2682	A	1.6
4	☐	12500.000	13177.166	5246946.27	15.6467	A	2.1
5	☐	25000.000	26759.314	10378984.01	31.7389	A	3.7
6	☐	50000.000	51291.283	19646113.04	60.8043	A	0.8
7	☐	100000.00	103145.93	38990044.97	122.2416	A	1.0
8	☐	500000.00	499134.12	172294277.4	591.4078	A	0.7

$$y = 0.0012 * x + 0.0345$$

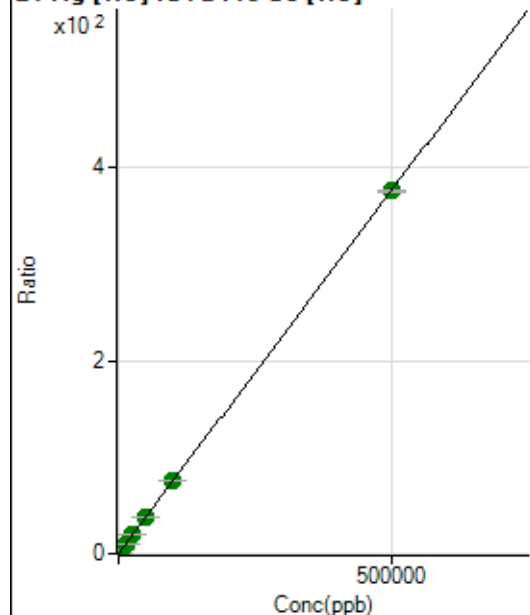
$$R = 1.0000$$

$$DL = 0.8914$$

$$BEC = 29.09$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	382.23	0.0011	P	13.5
2	☐	500.000	537.369	137776.62	0.4058	P	8.2
3	☐	5000.000	5190.668	1349505.63	3.9106	A	2.2
4	☐	12500.000	12997.322	3283149.50	9.7905	A	1.8
5	☐	25000.000	26432.047	6511830.87	19.9093	A	2.7
6	☐	50000.000	50369.359	12258666.76	37.9386	A	0.3
7	☐	100000.00	100763.55	24207051.58	75.8948	A	1.0
8	☐	500000.00	499724.37	109653538.3	376.3866	A	0.9

$$y = 7.5319E-004 * x + 0.0011$$

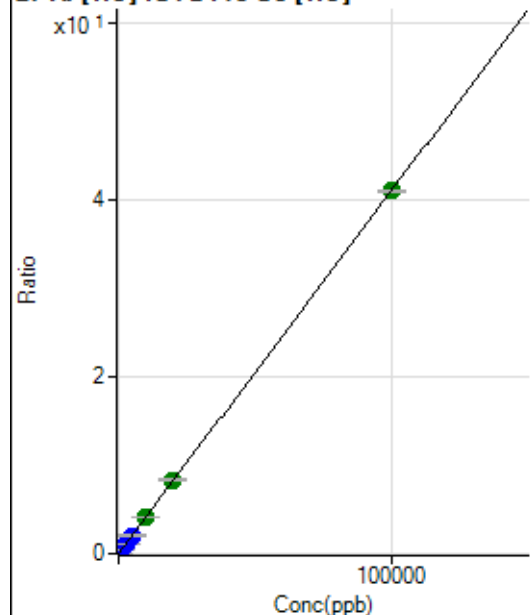
$$R = 1.0000$$

$$DL = 0.5707$$

$$BEC = 1.408$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.55	0.0003	P	29.6
2	☐	20.000	21.398	3079.23	0.0091	P	9.7
3	☐	1000.000	1041.424	147615.12	0.4277	P	1.3
4	☐	2500.000	2689.925	370352.03	1.1044	P	1.1
5	☐	5000.000	5022.895	674384.21	2.0619	P	2.9
6	☐	10000.000	9913.799	1314740.69	4.0694	A	1.9
7	☐	20000.000	20293.882	2656708.33	8.3298	A	1.9
8	☐	100000.00	99943.536	11950843.43	41.0217	A	0.7

$$y = 4.1045E-004 * x + 2.9342E-004$$

$$R = 1.0000$$

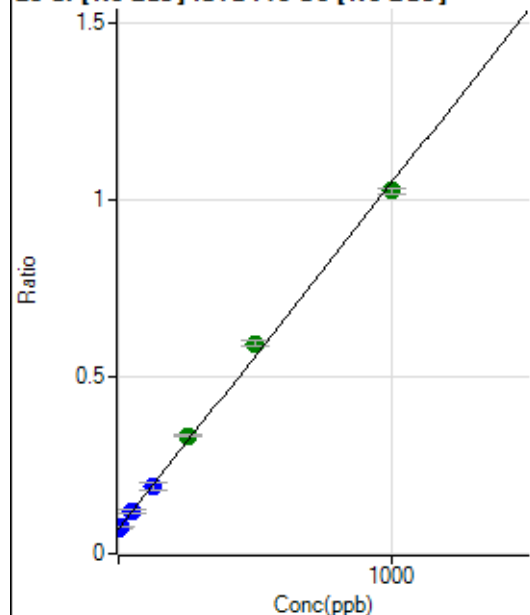
$$DL = 0.6348$$

$$BEC = 0.7149$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	336091.30	0.0701	P	1.2
2	☐	10.000	4.965	354707.79	0.0749	P	0.5
3	☐	50.000	51.281	568461.45	0.1202	P	7.1
4	☐	125.000	122.865	880730.55	0.1901	P	10.7
5	☐	250.000	270.055	1499799.20	0.3339	A	2.3
6	☐	500.000	536.389	2595535.92	0.5940	A	3.0
7	☐	1000.000	977.045	4418718.03	1.0244	A	1.3
8	☐			444591.58	0.1125	P	7.4

$$y = 9.7679\text{E-}004 * x + 0.0701$$

$$R = 0.9987$$

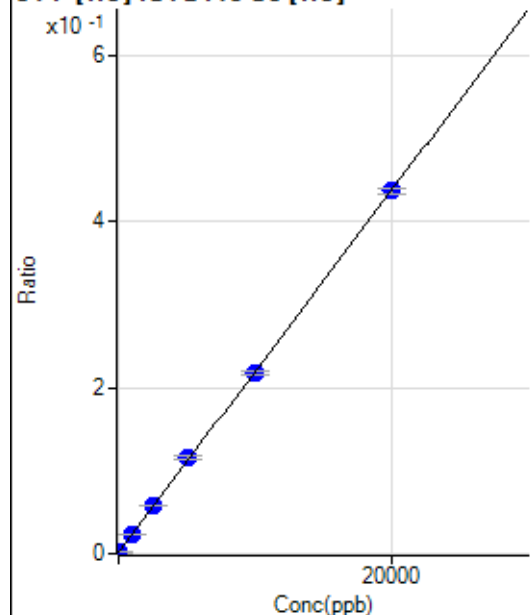
$$DL = 2.56$$

$$BEC = 71.73$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.347	353.34	0.0010	P	20.0
2	☐	0.000	18.347	606.68	0.0018	P	3.8
3	☐	1000.000	1019.099	8156.68	0.0236	P	2.1
4	☐	2500.000	2588.788	19420.20	0.0579	P	1.6
5	☐	5000.000	5241.243	37880.16	0.1158	P	3.2
6	☐	10000.000	9911.839	70374.01	0.2178	P	1.3
7	☐	20000.000	19971.716	139527.77	0.4375	P	1.3
8	☐			432.23	0.0015	P	6.3

$$y = 2.1835\text{E-}005 * x + 0.0014$$

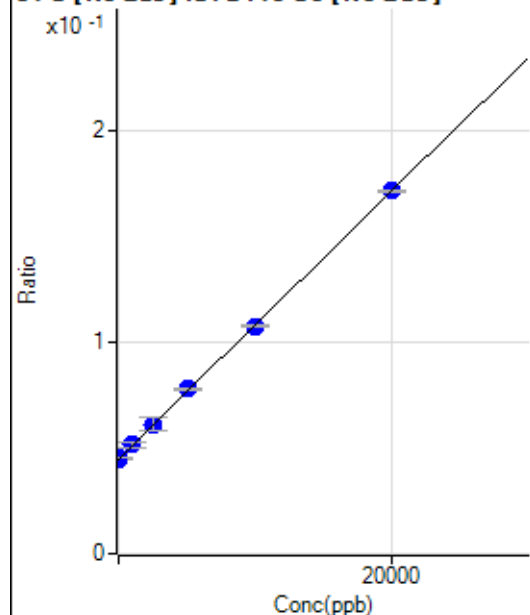
$$R = 0.9999$$

$$DL = 18.18$$

$$BEC = 63.3$$

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	-50.171	214106.95	0.0446	P	1.6
2	☐	0.000	50.171	214343.90	0.0453	P	0.6
3	☐	1000.000	1016.801	243250.63	0.0514	P	5.4
4	☐	2500.000	2575.581	283875.10	0.0612	P	9.8
5	☐	5000.000	5195.125	349494.89	0.0778	P	0.5
6	☐	10000.000	9881.881	469412.42	0.1074	P	0.6
7	☐	20000.000	19999.990	739153.36	0.1714	P	0.3
8	☐			165982.40	0.0420	P	0.9

$$y = 6.3202\text{E-}006 * x + 0.0450$$

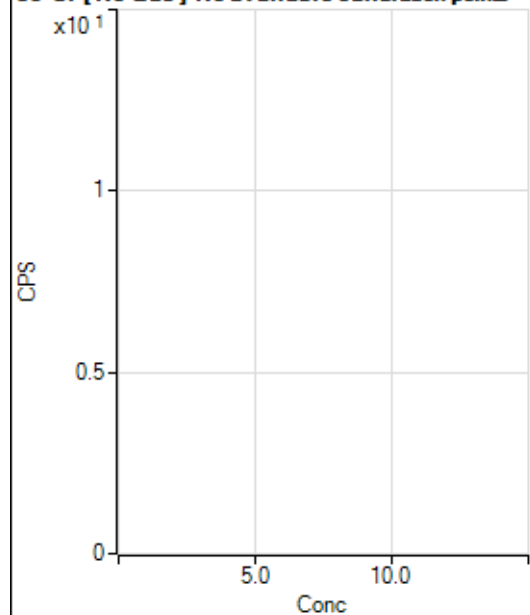
$$R = 0.9999$$

$$DL = 237.5$$

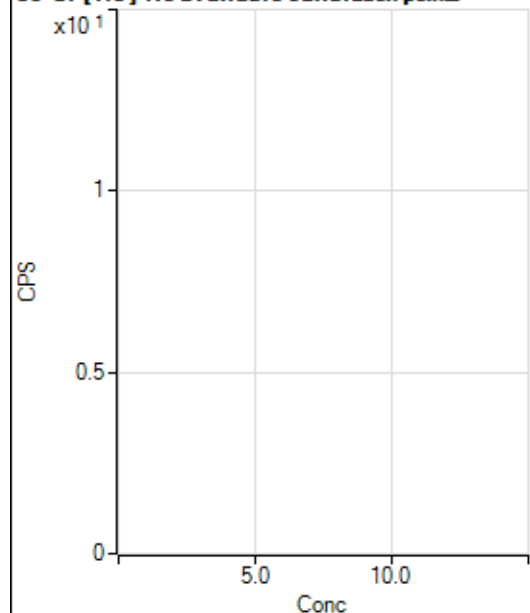
$$BEC = 7113$$

Weight: <None>

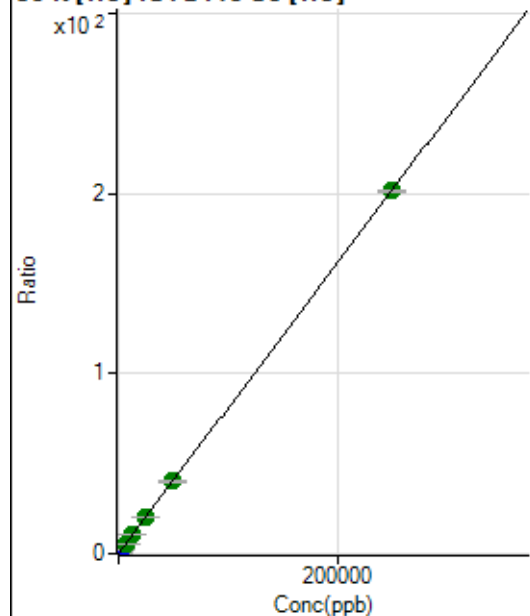
Min Conc: 0

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	42281.92	0.1174	P	2.3
2	☐	500.000	545.993	189296.44	0.5577	P	8.6
3	☐	2500.000	2685.438	787768.03	2.2827	P	1.3
4	☐	6250.000	6389.449	1766964.21	5.2693	A	2.0
5	☐	12500.000	12925.786	3447151.76	10.5396	A	2.8
6	☐	25000.000	24636.297	6456523.79	19.9819	A	0.2
7	☐	50000.000	49923.602	12875566.48	40.3713	A	2.1
8	☐	250000.00	250024.92	58765689.13	201.7147	A	0.5

$$y = 8.0631E-004 * x + 0.1174$$

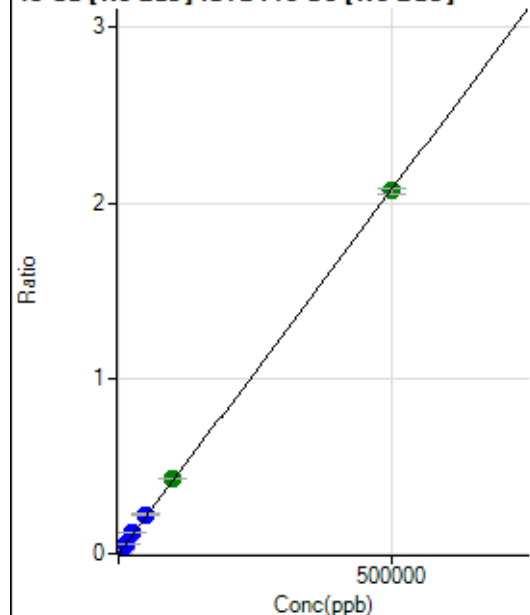
$$R = 1.0000$$

$$DL = 10.01$$

$$BEC = 145.6$$

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	585.53	0.0001	P	5.7
2	☐	500.000	517.893	10751.48	0.0023	P	0.1
3	☐	5000.000	5456.538	107710.61	0.0228	P	6.4
4	☐	12500.000	13533.392	260894.88	0.0563	P	9.8
5	☐	25000.000	28029.706	523032.48	0.1164	P	1.0
6	☐	50000.000	54032.568	980248.83	0.2243	P	0.9
7	☐	100000.00	103771.50	1857738.84	0.4307	A	1.0
8	☐	500000.00	498660.54	8177543.39	2.0691	A	1.7

$$y = 4.1491\text{E-}006 * x + 1.2205\text{E-}004$$

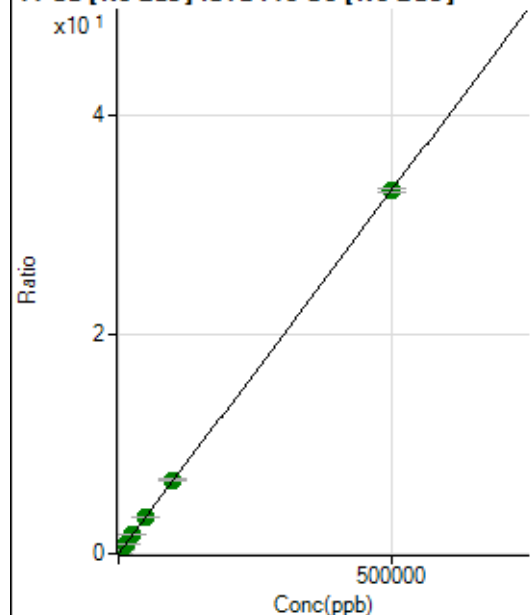
$$R = 0.9999$$

$$DL = 5.038$$

$$BEC = 29.42$$

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	4595.79	0.0010	P	5.3
2	☐	500.000	525.102	169489.09	0.0358	P	0.3
3	☐	5000.000	5160.700	1623880.10	0.3434	A	7.8
4	☐	12500.000	12583.377	3873885.74	0.8359	A	10.2
5	☐	25000.000	26287.098	7840344.50	1.7451	A	0.3
6	☐	50000.000	51076.301	14812652.68	3.3898	A	1.9
7	☐	100000.00	101559.13	29068711.72	6.7393	A	1.2
8	☐	500000.00	499512.47	130996720.6	33.1430	A	1.1

$$y = 6.6349\text{E-}005 * x + 9.5827\text{E-}004$$

$$R = 1.0000$$

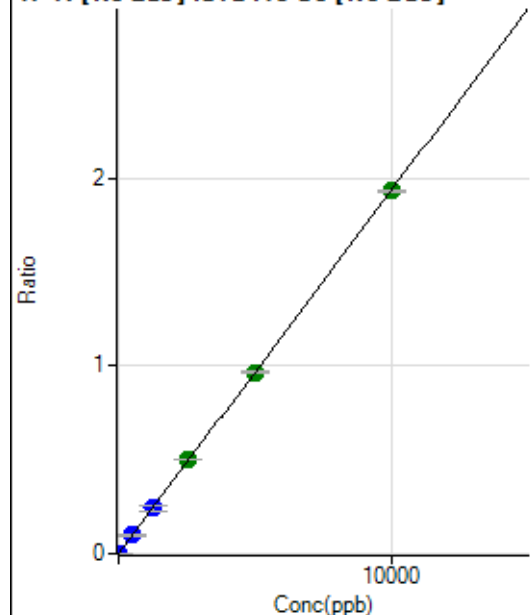
$$DL = 2.29$$

$$BEC = 14.44$$

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	133.34	0.0000	P	19.4
2	☐	5.000	4.970	4684.10	0.0010	P	1.4
3	☐	500.000	504.265	461730.34	0.0976	P	6.6
4	☐	1250.000	1253.691	1123642.20	0.2426	P	11.0
5	☐	2500.000	2591.555	2252669.46	0.5014	A	0.3
6	☐	5000.000	4991.090	4219693.13	0.9656	A	1.4
7	☐	10000.000	9980.891	8329031.82	1.9310	A	0.7
8	☐			1133.39	0.0003	P	15.8

$$y = 1.9346\text{E-}004 * x + 2.7784\text{E-}005$$

$$R = 1.0000$$

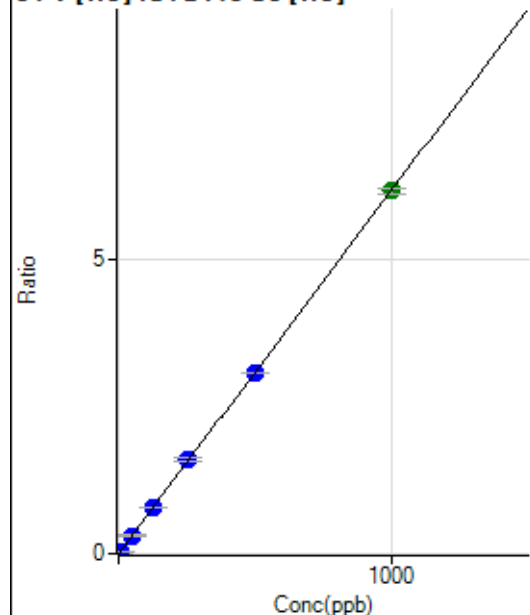
$$DL = 0.08353$$

$$BEC = 0.1436$$

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	6.67	0.0000	P	100.
2	☐	5.000	5.279	11077.49	0.0326	P	8.9
3	☐	50.000	50.071	106779.44	0.3094	P	1.0
4	☐	125.000	126.947	263057.57	0.7844	P	0.8
5	☐	250.000	259.528	524461.65	1.6036	P	3.2
6	☐	500.000	497.706	993668.43	3.0753	P	0.8
7	☐	1000.000	998.517	1967856.34	6.1699	A	1.3
8	☐			468.90	0.0016	P	5.1

$$y = 0.0062 * x + 1.8603\text{E-}005$$

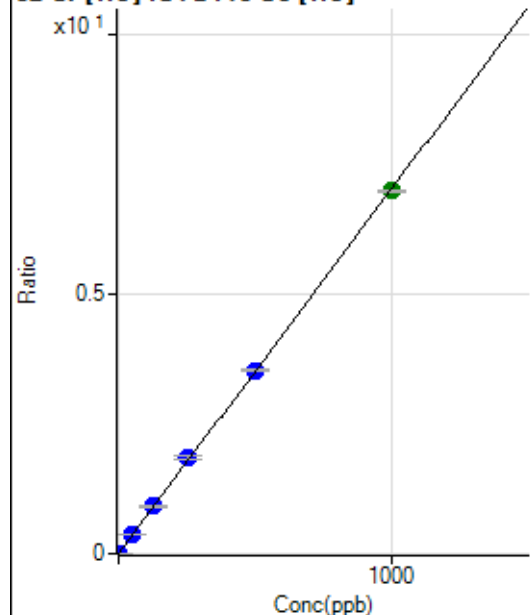
$$R = 0.9999$$

$$DL = 0.00908$$

$$BEC = 0.003011$$

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	856.70	0.0024	P	4.5
2	☐	2.000	2.177	5986.81	0.0176	P	9.4
3	☐	50.000	50.825	123784.82	0.3587	P	1.0
4	☐	125.000	129.432	305072.30	0.9098	P	1.8
5	☐	250.000	262.830	603314.16	1.8449	P	3.7
6	☐	500.000	502.611	1139238.00	3.5259	P	0.7
7	☐	1000.000	994.891	2225567.10	6.9770	A	0.4
8	☐			12476.36	0.0428	P	0.6

$$y = 0.0070 * x + 0.0024$$

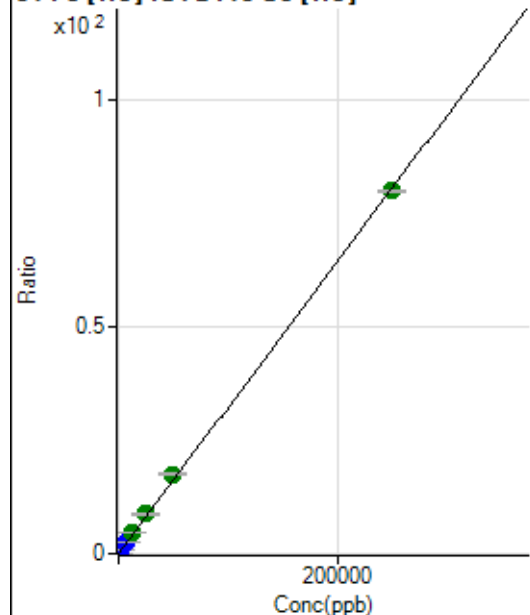
$$R = 0.9999$$

$$DL = 0.0455$$

$$BEC = 0.3394$$

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	980.04	0.0027	P	7.9
2	☐	50.000	59.250	7414.11	0.0218	P	6.0
3	☐	2500.000	2898.093	322884.68	0.9356	P	0.6
4	☐	6250.000	7311.902	790210.37	2.3563	P	0.7
5	☐	12500.000	14314.301	1508037.62	4.6103	A	2.6
6	☐	25000.000	27121.946	2821681.87	8.7330	A	1.5
7	☐	50000.000	54490.320	5595290.61	17.5426	A	1.3
8	☐	250000.00	248768.49	23329677.43	80.0786	A	0.6

$$y = 3.2189E-004 * x + 0.0027$$

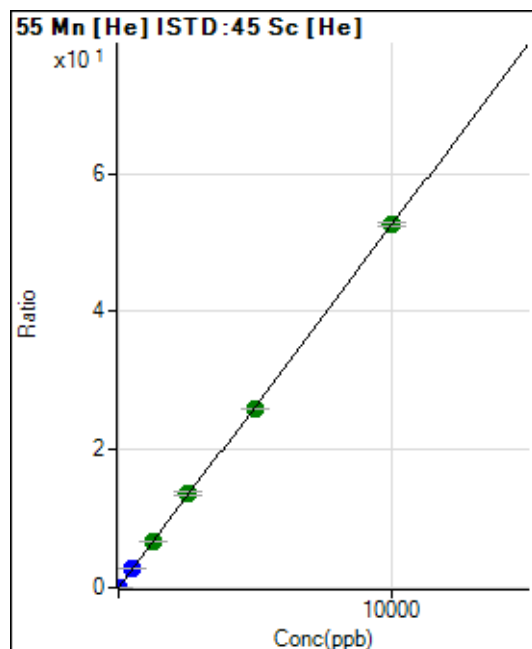
$$R = 0.9998$$

$$DL = 2.013$$

$$BEC = 8.454$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0004	P	24.1
2	☐	1.000	1.102	2089.06	0.0062	P	13.1
3	☐	500.000	513.461	931116.49	2.6980	P	0.9
4	☐	1250.000	1270.912	2239490.92	6.6776	A	1.8
5	☐	2500.000	2579.761	4432220.63	13.5542	A	4.0
6	☐	5000.000	4937.298	8381749.81	25.9404	A	0.5
7	☐	10000.000	10008.124	16771821.00	52.5819	A	1.0
8	☐			11505.59	0.0395	P	1.8

$$y = 0.0053 * x + 3.7960E-004$$

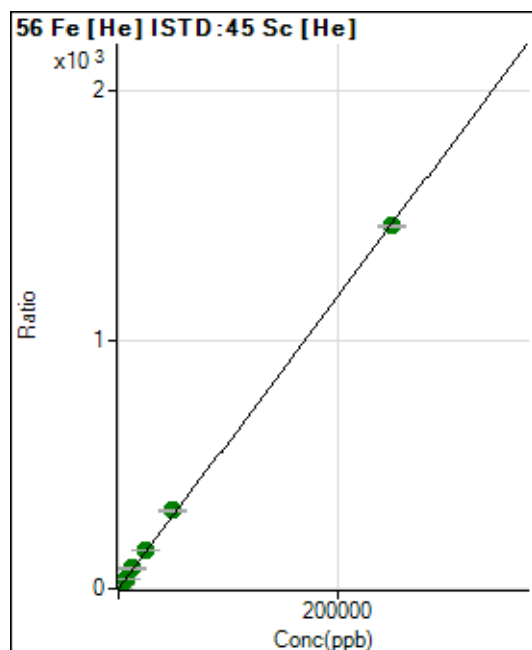
$$R = 0.9999$$

$$DL = 0.05218$$

$$BEC = 0.07225$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6894.98	0.0191	P	4.5
2	☐	50.000	57.901	121618.95	0.3582	P	8.1
3	☐	2500.000	2697.831	5458714.78	15.8173	A	0.9
4	☐	6250.000	6760.377	13283005.77	39.6071	A	0.8
5	☐	12500.000	13856.560	26542794.61	81.1615	A	3.4
6	☐	25000.000	26512.744	50172085.37	155.2745	A	0.2
7	☐	50000.000	53665.623	100236314.0	314.2785	A	1.7
8	☐	250000.00	249033.03	424858958.1	1,458.326	A	0.8

$$y = 0.0059 * x + 0.0191$$

$$R = 0.9999$$

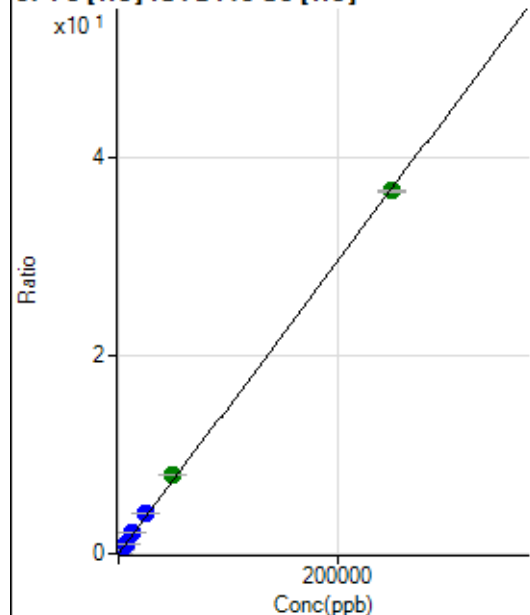
$$DL = 0.4444$$

$$BEC = 3.269$$

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	584.46	0.0016	P	5.9
2	☐	50.000	60.899	3600.46	0.0106	P	8.8
3	☐	2500.000	2824.253	144351.94	0.4183	P	1.7
4	☐	6250.000	7184.216	355986.63	1.0615	P	0.8
5	☐	12500.000	14643.271	707042.91	2.1620	P	3.4
6	☐	25000.000	27871.191	1329125.69	4.1136	P	0.6
7	☐	50000.000	54205.166	2551194.21	7.9987	A	1.8
8	☐	250000.00	248738.08	10691641.37	36.6988	A	0.7

$$y = 1.4753\text{E-}004 * x + 0.0016$$

$$R = 0.9998$$

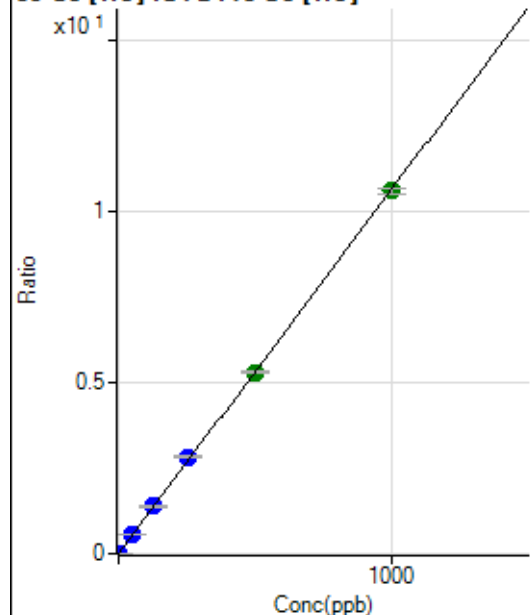
$$DL = 1.96$$

$$BEC = 11$$

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	60.00	0.0002	P	10.3
2	☐	1.000	1.099	4031.70	0.0119	P	8.8
3	☐	50.000	51.891	190723.35	0.5526	P	0.5
4	☐	125.000	130.054	464390.20	1.3848	P	1.5
5	☐	250.000	265.180	923475.91	2.8235	P	2.8
6	☐	500.000	498.580	1715175.58	5.3085	A	1.0
7	☐	1000.000	996.188	3382733.73	10.6064	A	1.8
8	☐			8891.60	0.0305	P	1.5

$$y = 0.0106 * x + 1.6651\text{E-}004$$

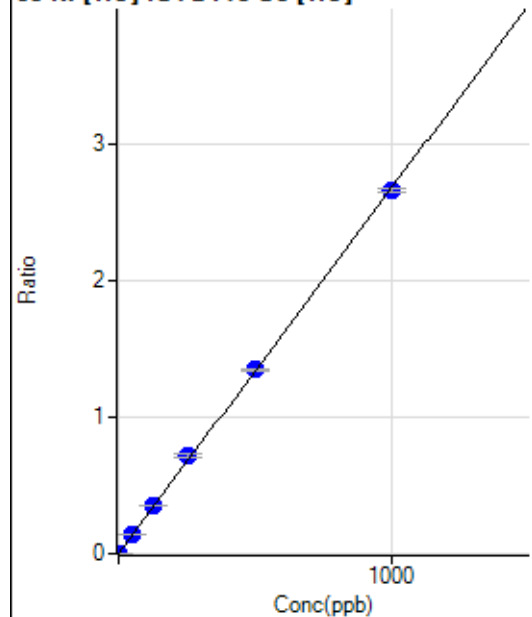
$$R = 0.9999$$

$$DL = 0.004841$$

$$BEC = 0.01564$$

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	127.78	0.0004	P	9.0
2	☐	1.000	1.089	1111.17	0.0033	P	9.7
3	☐	50.000	53.050	49202.59	0.1426	P	2.3
4	☐	125.000	132.771	119490.01	0.3563	P	1.0
5	☐	250.000	266.852	234093.44	0.7158	P	3.2
6	☐	500.000	504.537	437157.15	1.3530	P	1.1
7	☐	1000.000	992.395	848709.30	2.6609	P	1.2
8	☐			3837.19	0.0132	P	4.4

$$y = 0.0027 * x + 3.5462E-004$$

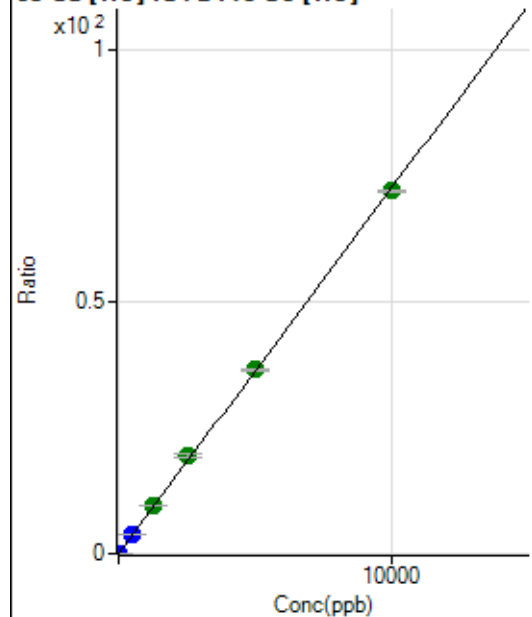
$$R = 0.9998$$

$$DL = 0.03582$$

$$BEC = 0.1323$$

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	1811.24	0.0050	P	6.9
2	☐	2.000	2.249	7238.49	0.0213	P	8.6
3	☐	500.000	528.591	1323405.95	3.8347	P	0.9
4	☐	1250.000	1326.410	3224415.68	9.6151	A	0.8
5	☐	2500.000	2668.231	6323994.28	19.3367	A	3.2
6	☐	5000.000	5039.926	11799579.13	36.5200	A	1.2
7	☐	10000.000	9926.998	22942924.10	71.9275	A	0.5
8	☐			5925.67	0.0203	P	3.0

$$y = 0.0072 * x + 0.0050$$

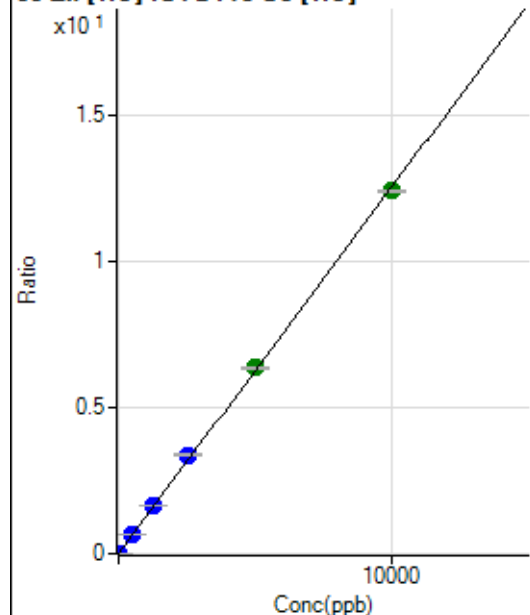
$$R = 0.9998$$

$$DL = 0.1427$$

$$BEC = 0.6944$$

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	680.02	0.0019	P	10.5
2	☐	5.000	5.393	2944.76	0.0087	P	4.1
3	☐	500.000	534.026	231931.04	0.6721	P	0.9
4	☐	1250.000	1327.857	559443.82	1.6683	P	1.1
5	☐	2500.000	2699.291	1108434.00	3.3893	P	3.3
6	☐	5000.000	5067.569	2055394.69	6.3613	A	0.8
7	☐	10000.000	9904.959	3965326.92	12.4320	A	0.8
8	☐			6582.62	0.0226	P	0.9

$$y = 0.0013 * x + 0.0019$$

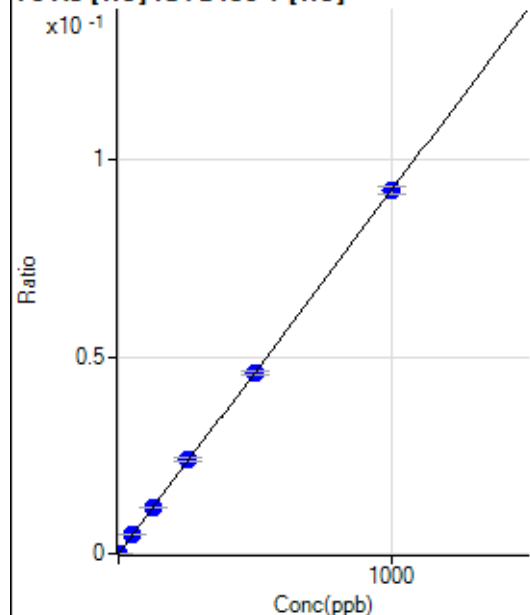
$$R = 0.9997$$

$$DL = 0.4744$$

$$BEC = 1.504$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	0.4
2	☐	1.000	1.081	303.34	0.0001	P	13.7
3	☐	50.000	51.691	14845.29	0.0048	P	0.9
4	☐	125.000	127.634	36241.98	0.0118	P	2.3
5	☐	250.000	259.851	72748.18	0.0240	P	3.4
6	☐	500.000	496.956	136596.85	0.0458	P	1.5
7	☐	1000.000	998.645	272830.39	0.0921	P	2.1
8	☐			135.56	0.0001	P	18.4

$$y = 9.2245E-005 * x + 1.0382E-006$$

$$R = 0.9999$$

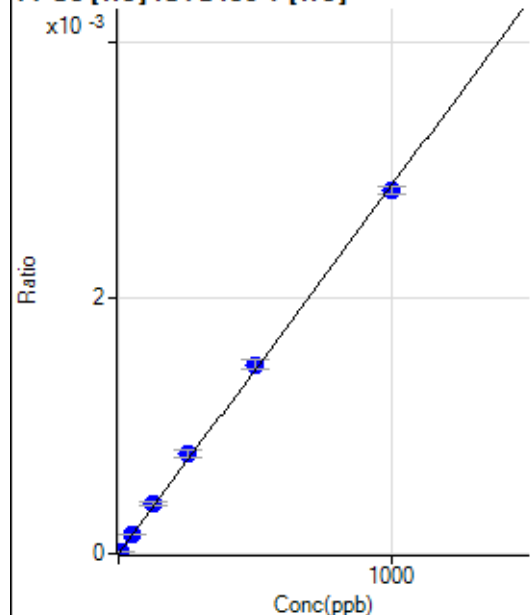
$$DL = 0.00012$$

$$BEC = 0.01126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.475	47.78	0.0000	P	5.9
3	☐	50.000	51.363	460.01	0.0001	P	4.3
4	☐	125.000	135.497	1201.17	0.0004	P	7.9
5	☐	250.000	272.386	2376.88	0.0008	P	6.7
6	☐	500.000	514.571	4411.81	0.0015	P	5.6
7	☐	1000.000	985.735	8400.23	0.0028	P	2.3
8	☐			37.78	0.0000	P	28.6

$$y = 2.8774\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

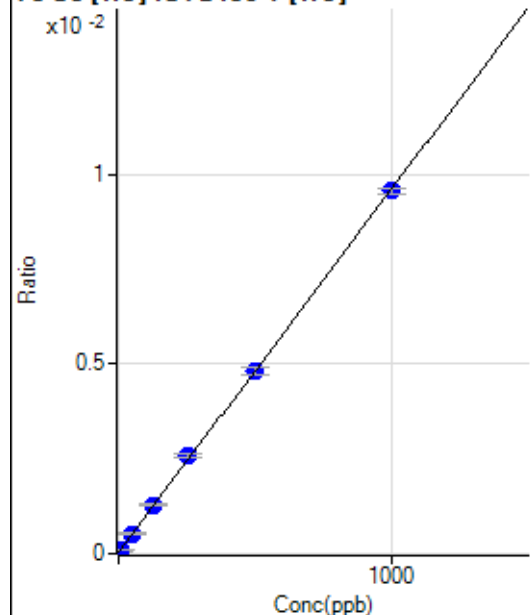
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	12.4
2	☐	5.000	6.290	284.45	0.0001	P	21.7
3	☐	50.000	51.125	1630.10	0.0005	P	5.6
4	☐	125.000	130.974	3962.79	0.0013	P	3.1
5	☐	250.000	266.308	7834.36	0.0026	P	3.9
6	☐	500.000	499.646	14344.81	0.0048	P	3.6
7	☐	1000.000	995.290	28297.06	0.0096	P	1.8
8	☐			217.78	0.0001	P	7.9

$$y = 9.5646\text{E-}006 * x + 3.4652\text{E-}005$$

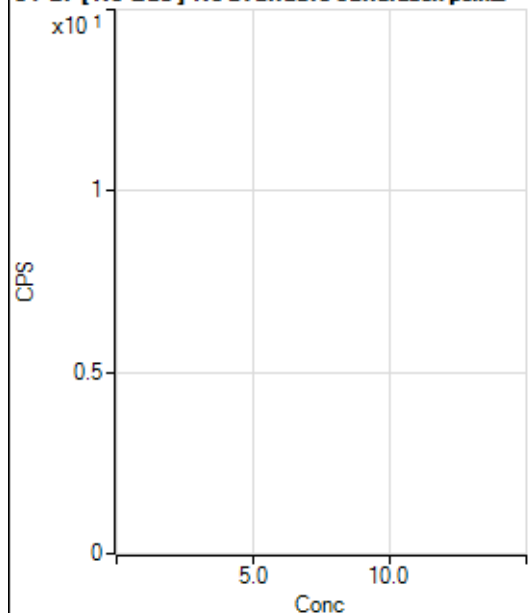
$$R = 0.9999$$

$$DL = 1.343$$

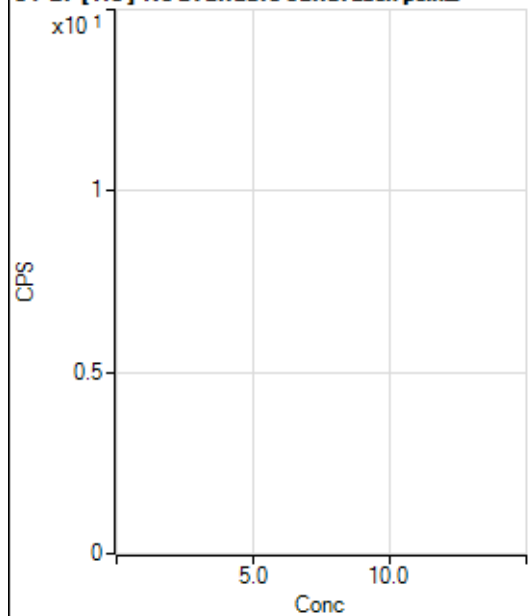
$$BEC = 3.623$$

Weight: <None>

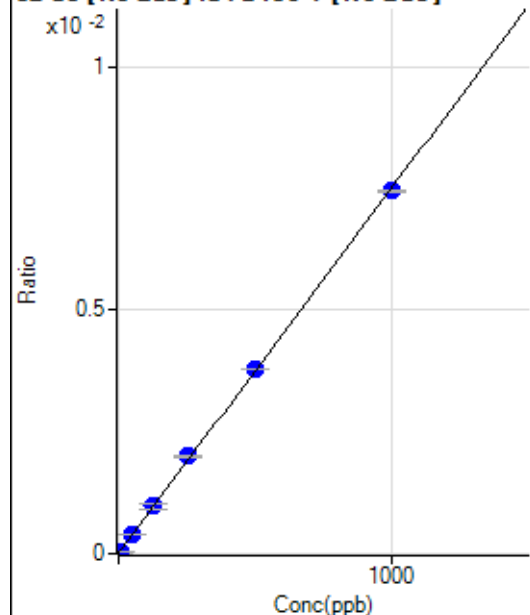
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9072.87		P	3.2
2	☐			8842.71		P	0.9
3	☐			8889.42		P	0.9
4	☐			8321.31		P	1.1
5	☐			8266.84		P	1.7
6	☐			7958.87		P	2.5
7	☐			8343.53		P	3.3
8	☐			9575.40		P	3.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.45		P	19.4
2	☐			95.56		P	17.6
3	☐			71.11		P	14.3
4	☐			41.11		P	12.4
5	☐			60.00		P	14.7
6	☐			55.56		P	9.2
7	☐			98.89		P	3.9
8	☐			373.34		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.90	0.0000	P	12.2
2	☐	5.000	5.261	698.30	0.0000	P	7.0
3	☐	50.000	51.884	5789.66	0.0004	P	5.6
4	☐	125.000	128.720	14225.84	0.0010	P	9.5
5	☐	250.000	266.422	28354.76	0.0020	P	1.2
6	☐	500.000	504.966	53176.64	0.0038	P	0.4
7	☐	1000.000	992.851	103329.46	0.0074	P	0.2
8	☐			699.61	0.0001	P	5.2

$$y = 7.4887\text{E-}006 * x + 8.7003\text{E-}006$$

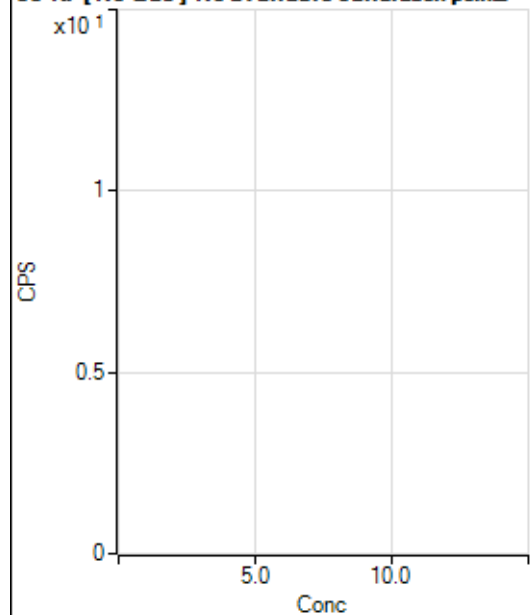
$$R = 0.9998$$

$$DL = 0.4245$$

$$BEC = 1.162$$

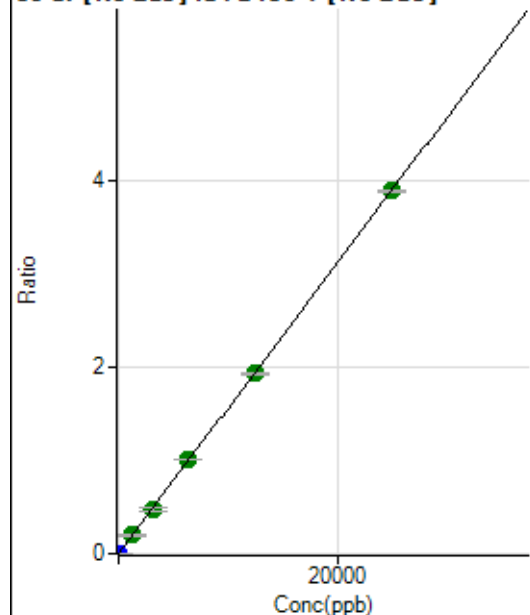
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			106.67		P	20.5
2	☐			117.78		P	16.6
3	☐			111.11		P	24.4
4	☐			114.45		P	24.3
5	☐			128.89		P	7.9
6	☐			128.89		P	10.5
7	☐			128.89		P	7.9
8	☐			144.45		P	9.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0000	P	5.6
2	☐	1.000	1.039	2526.91	0.0002	P	0.6
3	☐	1250.000	1259.800	2854590.55	0.1959	A	6.0
4	☐	3125.000	3070.525	6983829.34	0.4775	A	9.3
5	☐	6250.000	6464.066	14223197.98	1.0051	A	1.0
6	☐	12500.000	12436.167	27129960.43	1.9338	A	1.0
7	☐	25000.000	24984.720	53927087.53	3.8850	A	0.5
8	☐			5638.96	0.0005	P	16.7

$$y = 1.5549\text{E-}004 * x + 1.2545\text{E-}005$$

$$R = 0.9999$$

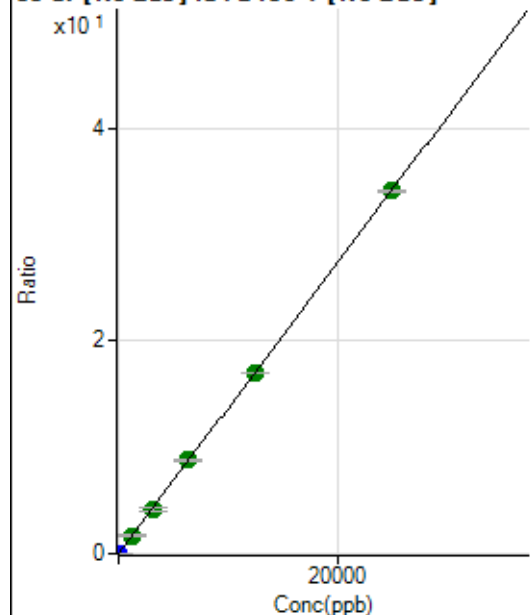
$$DL = 0.01363$$

$$BEC = 0.08068$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0000	P	15.4
2	☐	1.000	0.988	19691.06	0.0014	P	1.3
3	☐	1250.000	1239.500	24636519.35	1.6913	A	6.7
4	☐	3125.000	3066.779	61201007.42	4.1845	A	9.5
5	☐	6250.000	6436.744	124276815.9	8.7827	A	1.0
6	☐	12500.000	12449.718	238327067.5	16.9871	A	0.6
7	☐	25000.000	24986.257	473242837.3	34.0927	A	0.7
8	☐			48243.72	0.0040	P	19.9

$$y = 0.0014 * x + 8.0856\text{E-}006$$

$$R = 1.0000$$

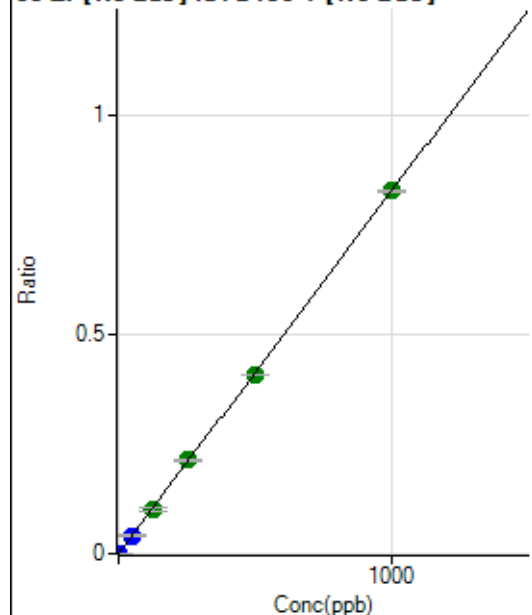
$$DL = 0.002736$$

$$BEC = 0.005926$$

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	501.13	0.0000	P	3.5
2	☐	1.000	0.965	12062.80	0.0008	P	0.9
3	☐	50.000	50.322	606002.53	0.0416	P	6.8
4	☐	125.000	123.106	1487973.60	0.1017	A	9.3
5	☐	250.000	259.260	3030872.70	0.2142	A	1.7
6	☐	500.000	494.526	5731823.80	0.4085	A	0.3
7	☐	1000.000	1000.643	11474484.83	0.8266	A	0.2
8	☐			4571.86	0.0004	P	5.5

$$y = 8.2606\text{E-}004 * x + 3.4084\text{E-}005$$

$$R = 0.9999$$

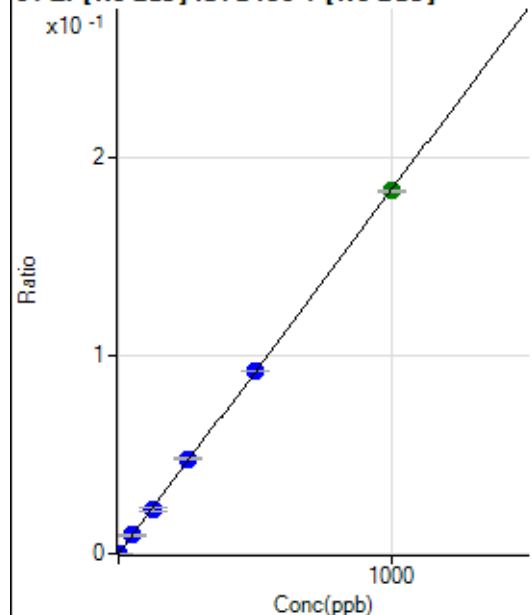
$$DL = 0.004272$$

$$BEC = 0.04126$$

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	95.56	0.0000	P	19.0
2	☐	1.000	0.948	2622.48	0.0002	P	1.2
3	☐	50.000	50.337	134828.06	0.0093	P	6.5
4	☐	125.000	123.320	331440.41	0.0227	P	9.7
5	☐	250.000	260.046	676135.72	0.0478	P	1.5
6	☐	500.000	500.960	1291406.56	0.0920	P	0.4
7	☐	1000.000	997.202	2543289.29	0.1832	A	0.4
8	☐			1015.60	0.0001	P	3.6

$$y = 1.8373\text{E-}004 * x + 6.4975\text{E-}006$$

$$R = 0.9999$$

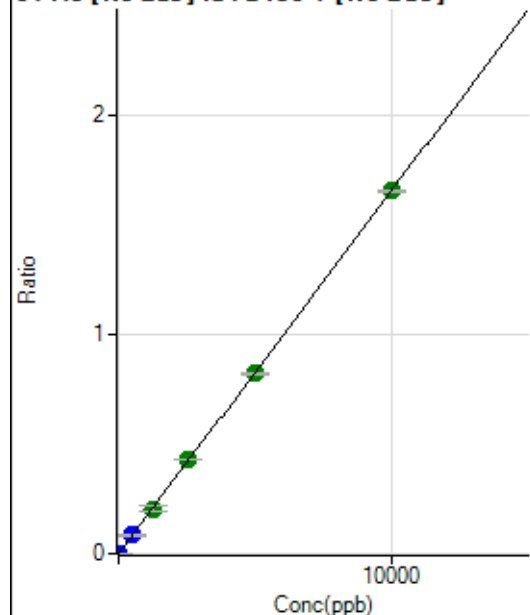
$$DL = 0.02017$$

$$BEC = 0.03536$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0000	P	23.5
2	☐	5.000	5.792	14120.25	0.0010	P	0.7
3	☐	500.000	505.506	1220882.87	0.0838	P	6.9
4	☐	1250.000	1240.654	3007228.99	0.2057	A	10.1
5	☐	2500.000	2586.662	6068158.52	0.4288	A	1.0
6	☐	5000.000	4963.991	11545883.58	0.8229	A	0.4
7	☐	10000.000	9997.231	23005983.83	1.6574	A	0.4
8	☐			4807.51	0.0004	P	13.5

$$y = 1.6578\text{E-}004 * x + 1.2394\text{E-}005$$

$$R = 0.9999$$

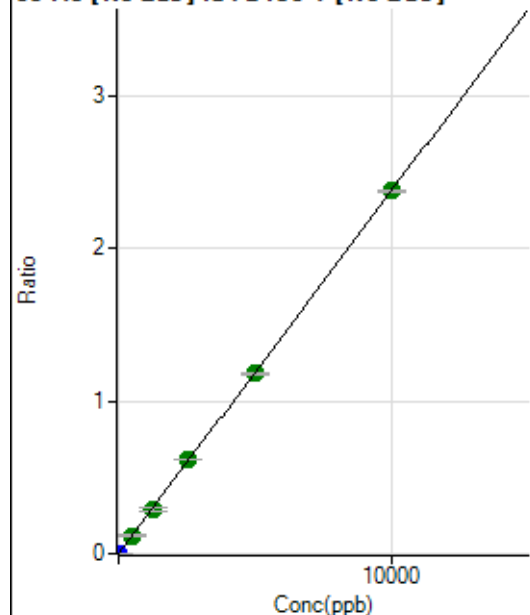
$$DL = 0.05272$$

$$BEC = 0.07476$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	27.6
2	☐	5.000	4.887	16955.47	0.0012	P	1.3
3	☐	500.000	502.509	1743103.31	0.1196	A	5.9
4	☐	1250.000	1229.573	4278866.22	0.2927	A	10.2
5	☐	2500.000	2595.217	8741808.55	0.6178	A	1.0
6	☐	5000.000	4966.433	16586439.33	1.1822	A	0.6
7	☐	10000.000	9995.407	33027548.39	2.3794	A	0.7
8	☐			5301.02	0.0004	P	14.1

$$y = 2.3804\text{E-}004 * x + 4.5324\text{E-}006$$

$$R = 0.9999$$

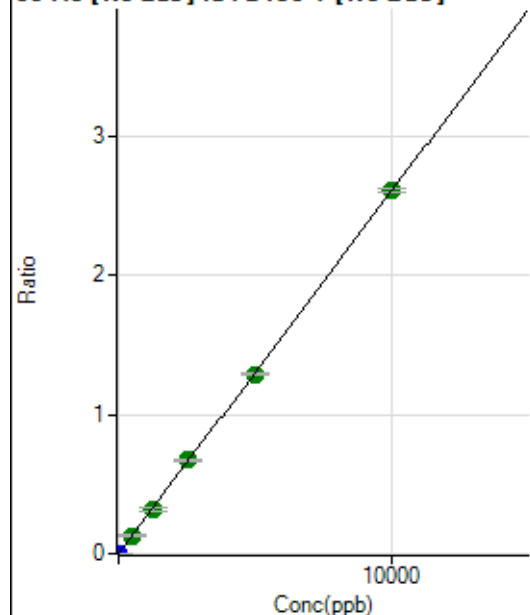
$$DL = 0.01579$$

$$BEC = 0.01904$$

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	104.44	0.0000	P	9.7
2	☐	5.000	4.968	18911.17	0.0013	P	1.6
3	☐	500.000	500.765	1901687.25	0.1306	A	7.3
4	☐	1250.000	1231.225	4694499.34	0.3210	A	9.8
5	☐	2500.000	2577.411	9509183.82	0.6720	A	1.6
6	☐	5000.000	4955.354	18127578.90	1.2921	A	0.3
7	☐	10000.000	10005.279	36211795.29	2.6088	A	1.2
8	☐			10757.38	0.0009	P	6.5

$$y = 2.6074\text{E-}004 * x + 7.1033\text{E-}006$$

$$R = 0.9999$$

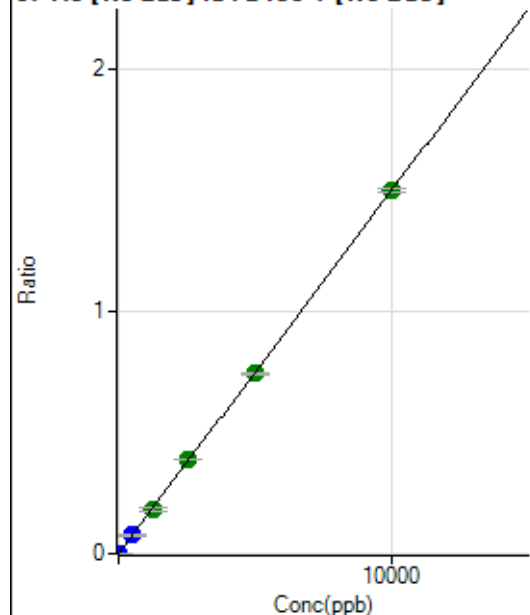
$$DL = 0.007932$$

$$BEC = 0.02724$$

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	36.67	0.0000	P	9.0
2	☐	5.000	4.809	10493.83	0.0007	P	2.8
3	☐	500.000	504.628	1101113.83	0.0756	P	6.8
4	☐	1250.000	1229.609	2694511.17	0.1842	A	9.1
5	☐	2500.000	2594.478	5499146.93	0.3886	A	1.8
6	☐	5000.000	4971.100	10447255.33	0.7446	A	0.9
7	☐	10000.000	9993.148	20778013.02	1.4969	A	1.2
8	☐			3175.94	0.0003	P	19.4

$$y = 1.4979\text{E-}004 * x + 2.4936\text{E-}006$$

$$R = 0.9999$$

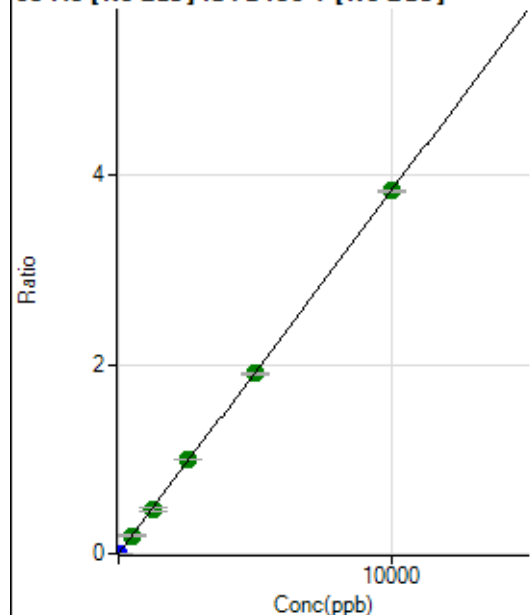
$$DL = 0.00448$$

$$BEC = 0.01665$$

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	86.67	0.0000	P	26.8
2	☐	5.000	4.911	27423.54	0.0019	P	1.0
3	☐	500.000	501.423	2800961.59	0.1922	A	6.2
4	☐	1250.000	1233.641	6916719.90	0.4730	A	9.6
5	☐	2500.000	2600.648	14108462.98	0.9970	A	0.8
6	☐	5000.000	4963.496	26698051.83	1.9029	A	0.5
7	☐	10000.000	9995.064	53190268.65	3.8319	A	0.7
8	☐			7726.61	0.0006	P	18.2

$$y = 3.8338\text{E-}004 * x + 5.8962\text{E-}006$$

$$R = 0.9999$$

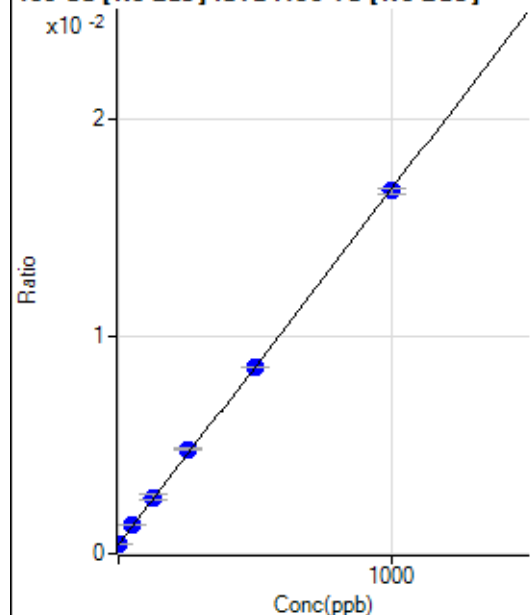
$$DL = 0.01236$$

$$BEC = 0.01538$$

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	4781.94	0.0004	P	4.7
2	☐	1.000	2.484	5249.89	0.0005	P	3.7
3	☐	50.000	55.373	15142.44	0.0013	P	4.1
4	☐	125.000	133.496	29980.96	0.0026	P	8.6
5	☐	250.000	267.439	54470.51	0.0048	P	1.2
6	☐	500.000	499.024	97154.23	0.0086	P	0.8
7	☐	1000.000	994.796	186791.59	0.0167	P	1.6
8	☐			4347.37	0.0005	P	2.9

$$y = 1.6323\text{E-}005 * x + 4.2372\text{E-}004$$

$$R = 0.9998$$

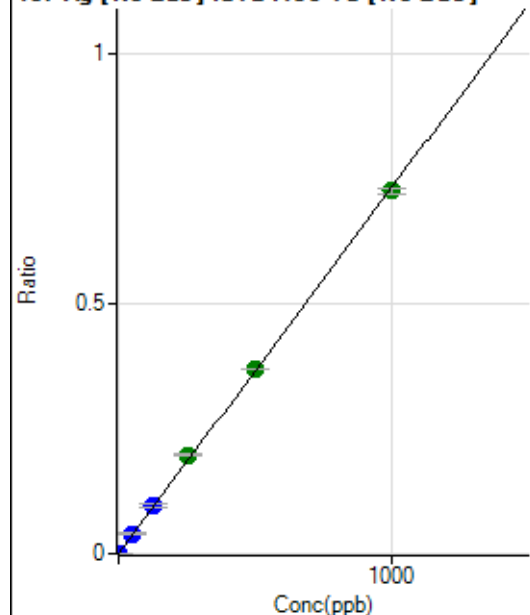
$$DL = 3.682$$

$$BEC = 25.96$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	13.8
2	☐	1.000	1.040	8701.56	0.0008	P	1.6
3	☐	50.000	54.269	453282.13	0.0398	P	6.3
4	☐	125.000	132.474	1118098.16	0.0971	P	9.2
5	☐	250.000	270.254	2253056.96	0.1981	A	1.0
6	☐	500.000	504.142	4189427.30	0.3695	A	0.6
7	☐	1000.000	991.717	8148935.09	0.7269	A	1.8
8	☐			898.93	0.0001	P	17.5

$$y = 7.3296E-004 * x + 6.8922E-006$$

$$R = 0.9998$$

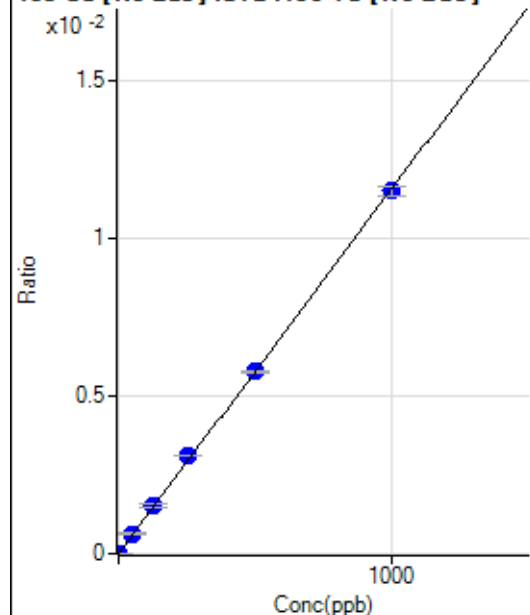
$$DL = 0.003903$$

$$BEC = 0.009403$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	72.1
2	☐	1.000	1.131	164.45	0.0000	P	4.8
3	☐	50.000	53.724	7082.90	0.0006	P	7.7
4	☐	125.000	130.556	17400.50	0.0015	P	7.2
5	☐	250.000	267.802	35193.72	0.0031	P	0.9
6	☐	500.000	498.924	65343.03	0.0058	P	0.3
7	☐	1000.000	995.207	128859.54	0.0115	P	2.5
8	☐			96.67	0.0000	P	10.1

$$y = 1.1549E-005 * x + 1.4760E-006$$

$$R = 0.9998$$

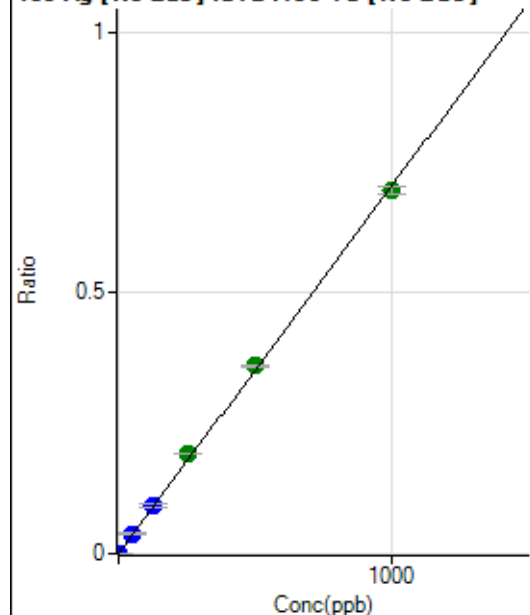
$$DL = 0.2763$$

$$BEC = 0.1278$$

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	33.33	0.0000	P	26.5
2	☐	1.000	1.023	8183.48	0.0007	P	0.6
3	☐	50.000	54.003	433251.02	0.0380	P	7.7
4	☐	125.000	131.093	1063326.81	0.0923	P	9.2
5	☐	250.000	271.000	2171172.03	0.1909	A	0.6
6	☐	500.000	511.952	4088490.50	0.3606	A	0.7
7	☐	1000.000	987.812	7800358.56	0.6958	A	2.0
8	☐			834.48	0.0001	P	16.8

$$y = 7.0439\text{E-}004 * x + 2.9537\text{E-}006$$

$$R = 0.9996$$

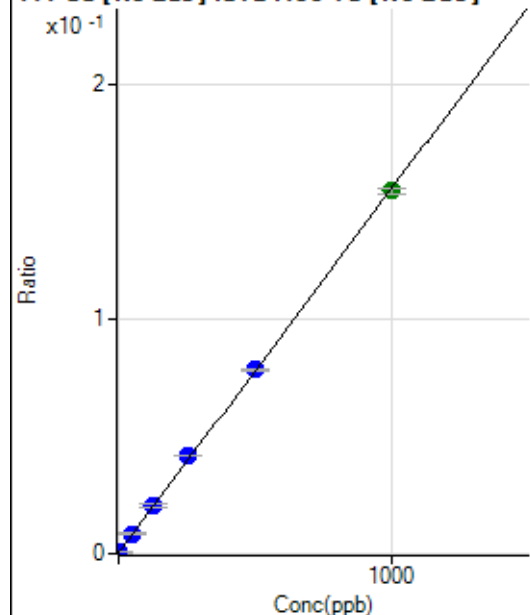
$$DL = 0.00333$$

$$BEC = 0.004193$$

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	3350.14	0.0003	P	4.4
2	☐	1.000	1.166	5405.49	0.0005	P	1.6
3	☐	50.000	53.165	97453.55	0.0086	P	6.7
4	☐	125.000	130.452	236714.70	0.0206	P	9.3
5	☐	250.000	265.338	472131.60	0.0415	P	0.4
6	☐	500.000	502.455	888180.10	0.0783	P	0.4
7	☐	1000.000	994.098	1734343.76	0.1547	A	1.9
8	☐			3917.75	0.0004	P	2.9

$$y = 1.5532\text{E-}004 * x + 2.9685\text{E-}004$$

$$R = 0.9999$$

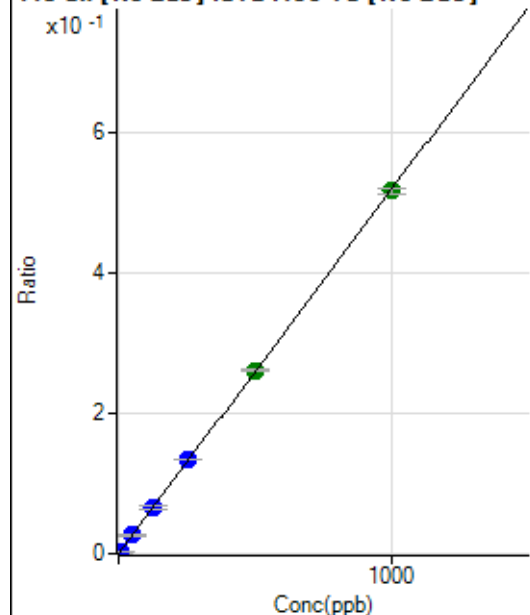
$$DL = 0.2543$$

$$BEC = 1.911$$

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	815.59	0.0001	P	8.0
2	☐	5.000	4.950	29820.88	0.0026	P	1.1
3	☐	50.000	51.179	302782.43	0.0266	P	7.5
4	☐	125.000	126.104	752953.36	0.0654	P	9.6
5	☐	250.000	258.523	1524148.40	0.1340	P	0.4
6	☐	500.000	503.276	2956835.68	0.2608	A	1.0
7	☐	1000.000	996.035	5785826.99	0.5161	A	1.5
8	☐			3846.11	0.0004	P	2.1

$$y = 5.1807\text{E-}004 * x + 7.2270\text{E-}005$$

$$R = 1.0000$$

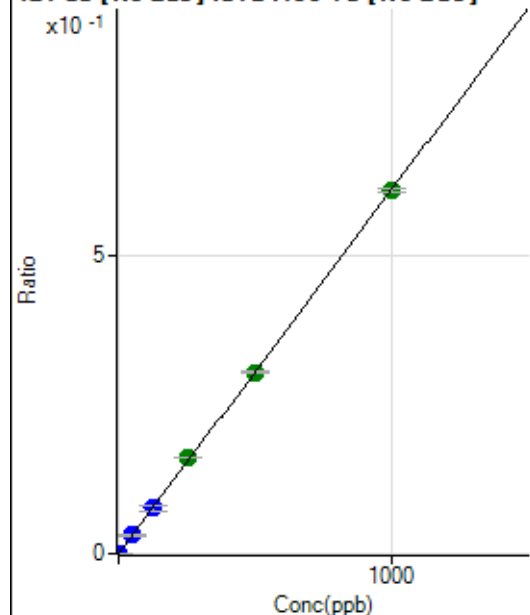
$$DL = 0.03346$$

$$BEC = 0.1395$$

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	82.22	0.0000	P	20.1
2	☐	2.000	1.925	13390.75	0.0012	P	0.3
3	☐	50.000	50.317	350466.12	0.0308	P	6.6
4	☐	125.000	124.614	876916.86	0.0762	P	9.6
5	☐	250.000	262.897	1827760.68	0.1607	A	0.7
6	☐	500.000	499.408	3460894.25	0.3053	A	1.1
7	☐	1000.000	997.105	6832991.49	0.6095	A	1.0
8	☐			4967.57	0.0005	P	4.2

$$y = 6.1124\text{E-}004 * x + 7.2868\text{E-}006$$

$$R = 0.9999$$

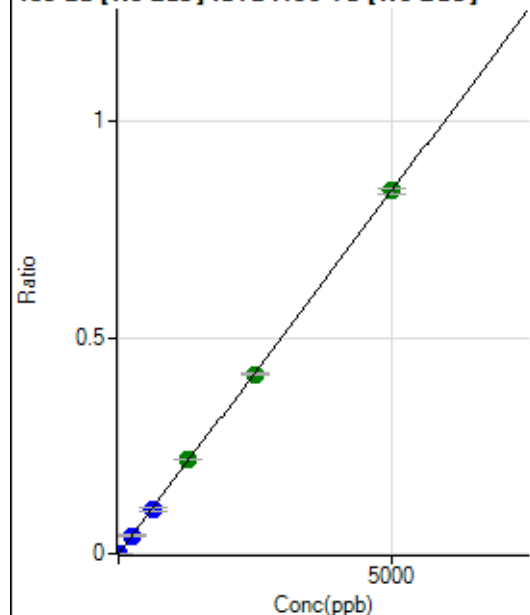
$$DL = 0.007195$$

$$BEC = 0.01192$$

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	16.66	0.0000	P	34.8
2	☐	10.000	9.327	17724.46	0.0016	P	0.1
3	☐	250.000	245.911	470308.07	0.0413	P	6.9
4	☐	625.000	609.339	1177608.67	0.1023	P	9.7
5	☐	1250.000	1302.465	2487105.80	0.2187	A	0.6
6	☐	2500.000	2475.727	4712377.92	0.4156	A	0.2
7	☐	5000.000	5001.184	9412896.39	0.8396	A	1.8
8	☐			4569.68	0.0005	P	5.2

$$y = 1.6789\text{E-}004 * x + 1.4769\text{E-}006$$

$$R = 0.9999$$

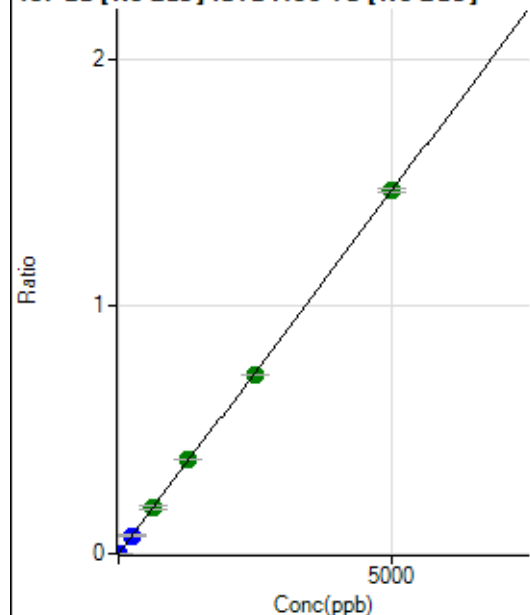
$$DL = 0.009172$$

$$BEC = 0.008797$$

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	23.34	0.0000	P	24.8
2	☐	10.000	9.495	31524.89	0.0028	P	0.3
3	☐	250.000	245.587	820884.10	0.0720	P	6.4
4	☐	625.000	629.523	2127293.89	0.1847	A	8.6
5	☐	1250.000	1300.992	4341040.42	0.3817	A	0.3
6	☐	2500.000	2473.363	8226528.98	0.7256	A	0.2
7	☐	5000.000	5000.227	16445755.45	1.4669	A	1.1
8	☐			7885.59	0.0008	P	4.7

$$y = 2.9337\text{E-}004 * x + 2.0683\text{E-}006$$

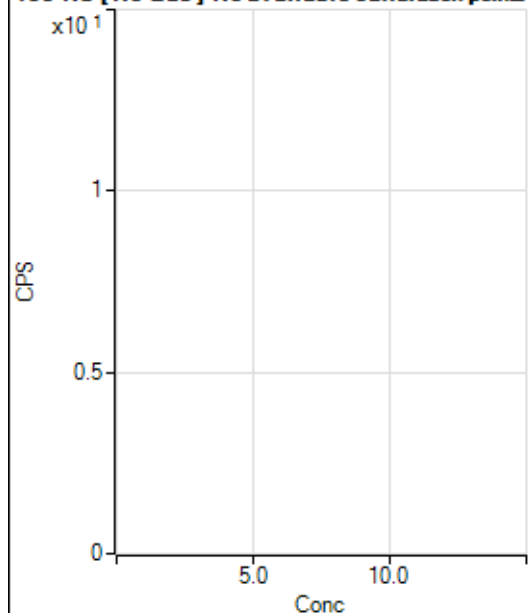
$$R = 0.9999$$

$$DL = 0.005256$$

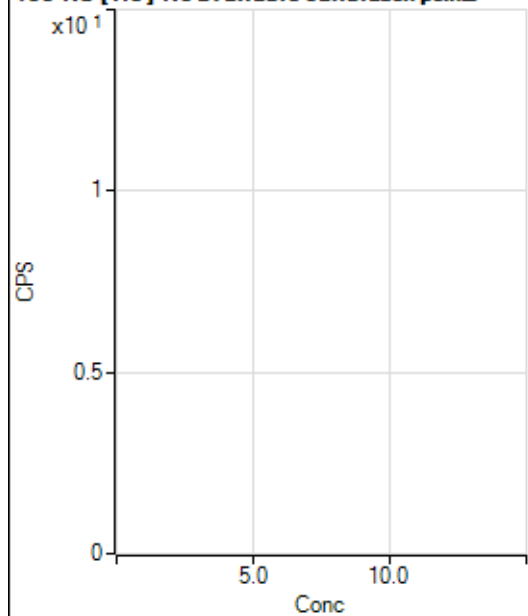
$$BEC = 0.00705$$

Weight: <None>

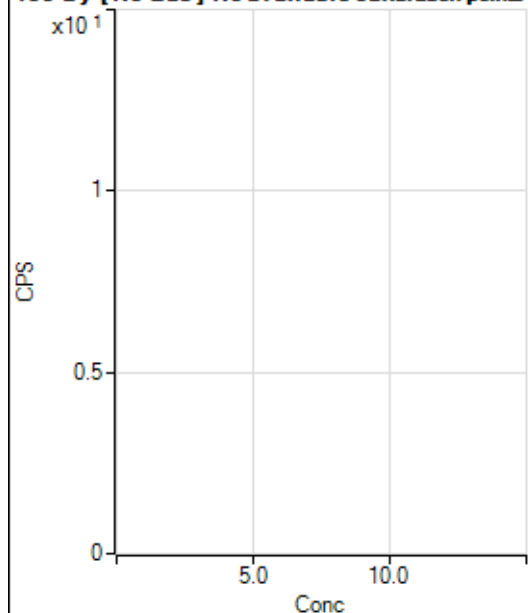
Min Conc: 0

150 Nd [No Gas] No available calibration points

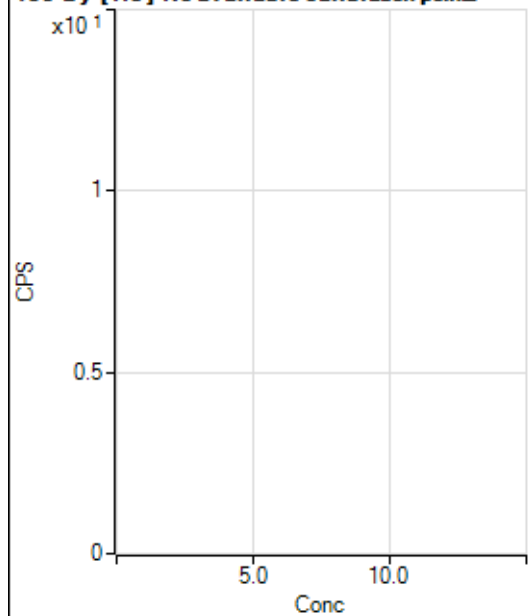
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.8
2	☐			8.89		P	21.6
3	☐			51.11		P	16.4
4	☐			87.78		P	38.2
5	☐			192.23		P	6.1
6	☐			368.90		P	5.3
7	☐			818.92		P	8.9
8	☐			216.67		P	11.1

150 Nd [He] No available calibration points

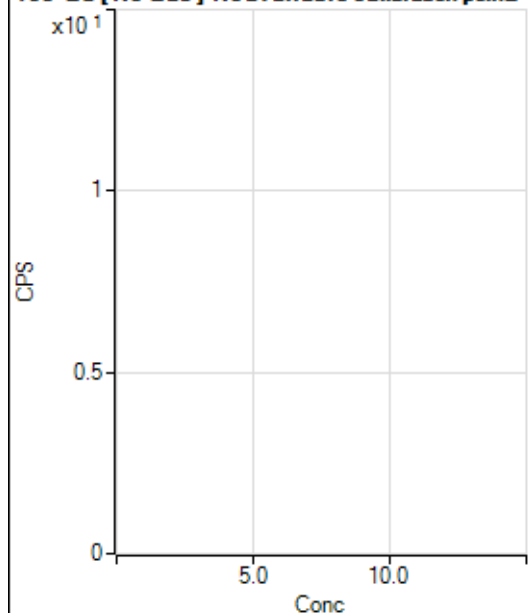
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			6.66		P	86.6
4	☐			23.33		P	14.3
5	☐			43.34		P	13.3
6	☐			56.67		P	5.9
7	☐			152.23		P	19.7
8	☐			114.45		P	17.1

156 Dy [No Gas] No available calibration points

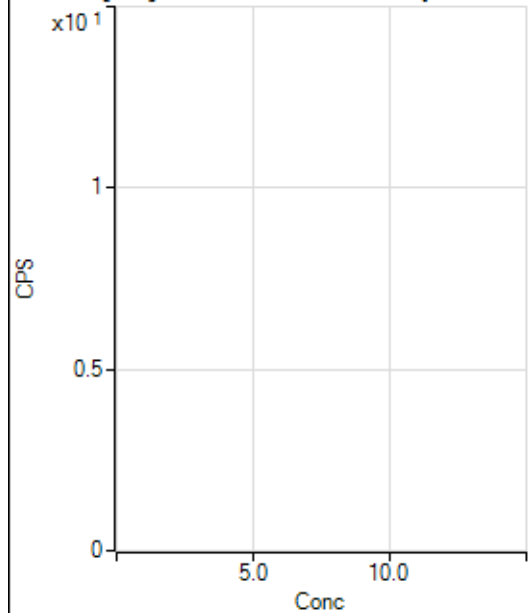
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			8.89		P	57.3
3	☐			36.67		P	36.4
4	☐			61.11		P	15.7
5	☐			141.11		P	5.5
6	☐			250.00		P	19.9
7	☐			527.79		P	6.6
8	☐			1328.97		P	5.1

156 Dy [He] No available calibration points

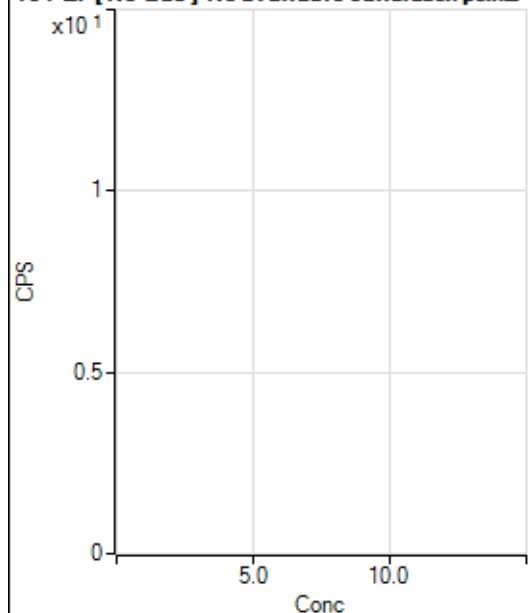
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	43.3
3	☐			35.56		P	28.6
4	☐			73.33		P	4.5
5	☐			134.45		P	5.7
6	☐			261.12		P	7.5
7	☐			507.79		P	11.3
8	☐			914.48		P	10.0

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

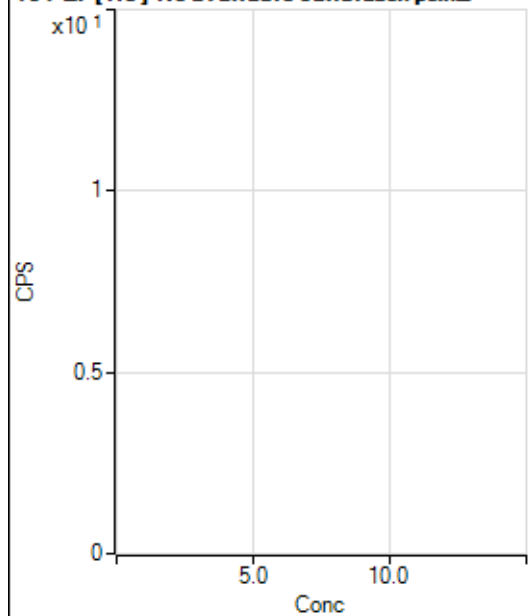
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	57.3
2	☐			55.56		P	9.2
3	☐			62.22		P	11.1
4	☐			101.11		P	6.9
5	☐			156.67		P	4.3
6	☐			230.01		P	6.6
7	☐			442.24		P	7.0
8	☐			1416.75		P	3.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			317.79		P	7.6
2	☐			322.23		P	10.4
3	☐			325.56		P	8.3
4	☐			307.78		P	7.0
5	☐			354.45		P	7.2
6	☐			461.13		P	8.1
7	☐			604.47		P	5.9
8	☐			1265.63		P	8.8

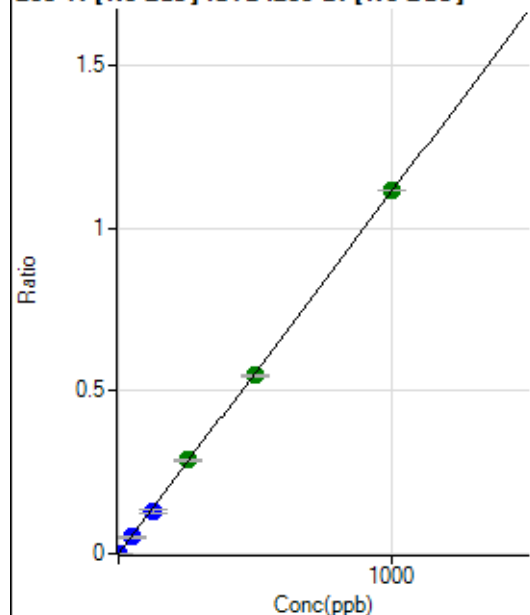
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	14.4
2	☐			86.67		P	25.2
3	☐			75.56		P	18.4
4	☐			95.56		P	42.6
5	☐			112.22		P	4.5
6	☐			110.00		P	18.9
7	☐			196.67		P	15.5
8	☐			287.79		P	2.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	16.9
2	☐			37.78		P	63.8
3	☐			65.55		P	16.3
4	☐			58.89		P	17.3
5	☐			61.11		P	24.6
6	☐			62.22		P	8.2
7	☐			113.34		P	28.1
8	☐			148.89		P	28.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.23	0.0000	P	14.1
2	☐	1.000	0.844	6410.46	0.0010	P	2.5
3	☐	50.000	45.757	341826.31	0.0508	P	6.2
4	☐	125.000	114.458	861165.79	0.1271	P	9.3
5	☐	250.000	257.953	1923157.56	0.2864	A	2.1
6	☐	500.000	493.421	3652034.88	0.5479	A	0.8
7	☐	1000.000	1002.831	7204646.77	1.1134	A	0.2
8	☐			2088.00	0.0004	P	7.0

$$y = 0.0011 * x + 2.2898E-005$$

$$R = 0.9999$$

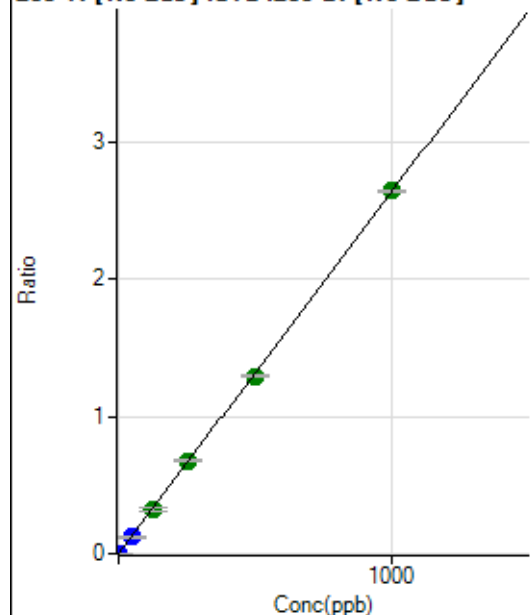
$$DL = 0.008709$$

$$BEC = 0.02062$$

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	338.90	0.0001	P	11.7
2	☐	1.000	0.875	15744.76	0.0024	P	2.8
3	☐	50.000	45.698	809763.57	0.1204	P	7.0
4	☐	125.000	122.968	2195612.82	0.3240	A	9.1
5	☐	250.000	256.343	4534885.42	0.6754	A	1.9
6	☐	500.000	491.154	8625776.33	1.2940	A	1.1
7	☐	1000.000	1003.307	17103470.58	2.6433	A	0.7
8	☐			4898.89	0.0010	P	10.1

$$y = 0.0026 * x + 5.0986E-005$$

$$R = 0.9999$$

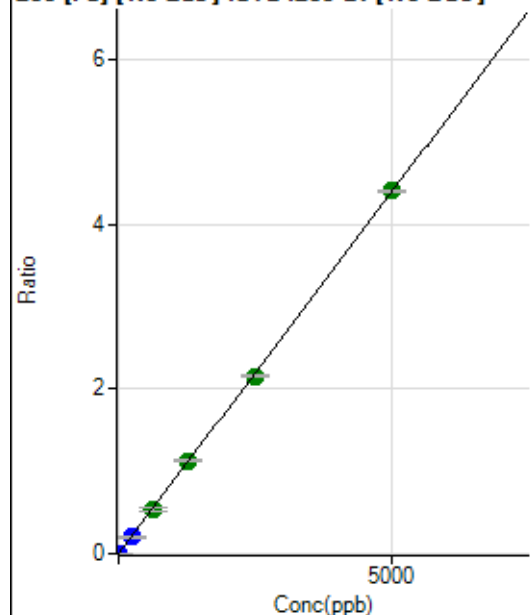
$$DL = 0.006819$$

$$BEC = 0.01935$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.56	0.0000	P	25.6
2	☐	1.000	0.889	5394.45	0.0008	P	3.8
3	☐	250.000	229.914	1359127.03	0.2022	P	7.2
4	☐	625.000	617.535	3676554.49	0.5430	A	10.3
5	☐	1250.000	1281.393	7564874.61	1.1266	A	1.8
6	☐	2500.000	2452.461	14373477.01	2.1563	A	0.9
7	☐	5000.000	5017.859	28546169.02	4.4118	A	0.7
8	☐			12394.97	0.0025	P	5.3

$$y = 8.7921\text{E-}004 * x + 2.6444\text{E-}005$$

$$R = 0.9999$$

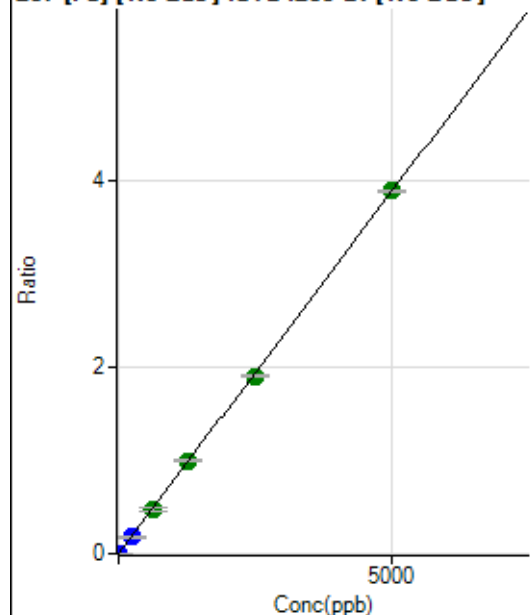
$$DL = 0.02312$$

$$BEC = 0.03008$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0000	P	10.6
2	☐	1.000	0.880	4683.08	0.0007	P	1.8
3	☐	250.000	230.312	1198498.65	0.1783	P	7.2
4	☐	625.000	619.852	3249208.18	0.4798	A	10.1
5	☐	1250.000	1287.744	6692653.30	0.9967	A	1.4
6	☐	2500.000	2456.094	12672141.34	1.9010	A	0.8
7	☐	5000.000	5014.145	25112071.57	3.8809	A	0.4
8	☐			10634.50	0.0022	P	6.6

$$y = 7.7399\text{E-}004 * x + 2.0226\text{E-}005$$

$$R = 0.9999$$

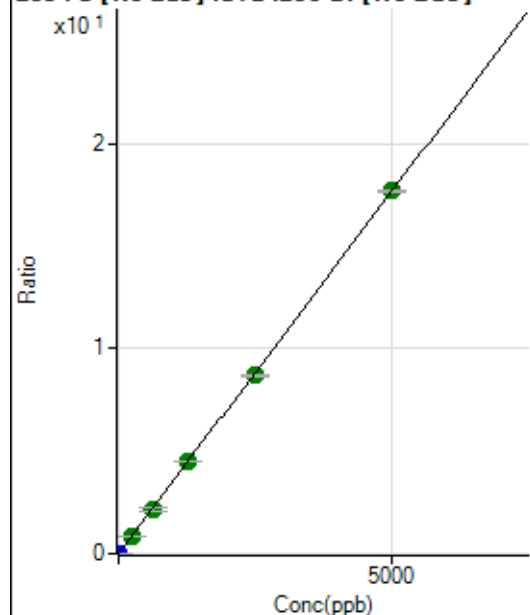
$$DL = 0.008318$$

$$BEC = 0.02613$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	873.36	0.0001	P	5.3
2	☐	1.000	0.888	21800.46	0.0033	P	0.9
3	☐	250.000	239.284	5674076.44	0.8439	A	6.7
4	☐	625.000	616.516	14723786.45	2.1740	A	10.0
5	☐	1250.000	1281.245	30335909.47	4.5178	A	1.1
6	☐	2500.000	2462.700	57885253.16	8.6836	A	0.7
7	☐	5000.000	5012.435	114361776.9	17.6741	A	0.3
8	☐			49372.06	0.0100	P	5.8

$$y = 0.0035 * x + 1.3141E-004$$

$$R = 0.9999$$

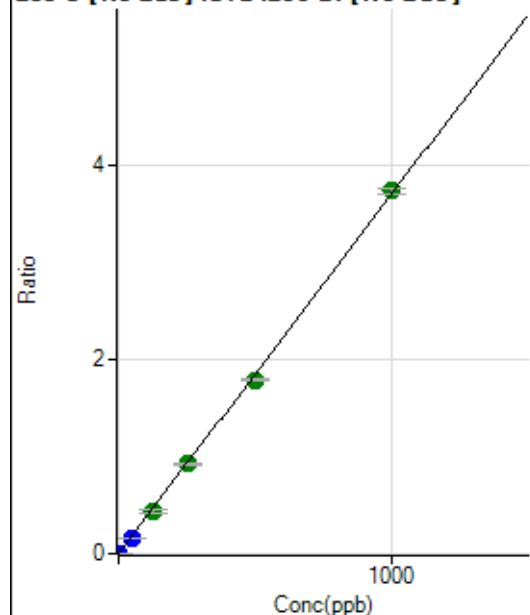
$$DL = 0.005969$$

$$BEC = 0.03727$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	36.3
2	☐	1.000	0.816	20223.24	0.0030	P	1.1
3	☐	50.000	43.574	1085502.43	0.1614	P	6.8
4	☐	125.000	119.173	2991279.61	0.4415	A	9.6
5	☐	250.000	250.157	6223380.46	0.9268	A	1.3
6	☐	500.000	483.036	11929928.15	1.7896	A	0.6
7	☐	1000.000	1009.492	24199751.86	3.7401	A	1.4
8	☐			2839.29	0.0006	P	16.3

$$y = 0.0037 * x + 4.1760E-006$$

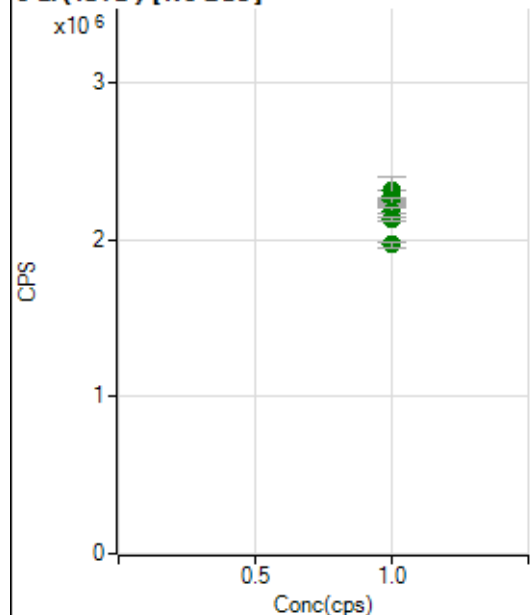
$$R = 0.9998$$

$$DL = 0.001228$$

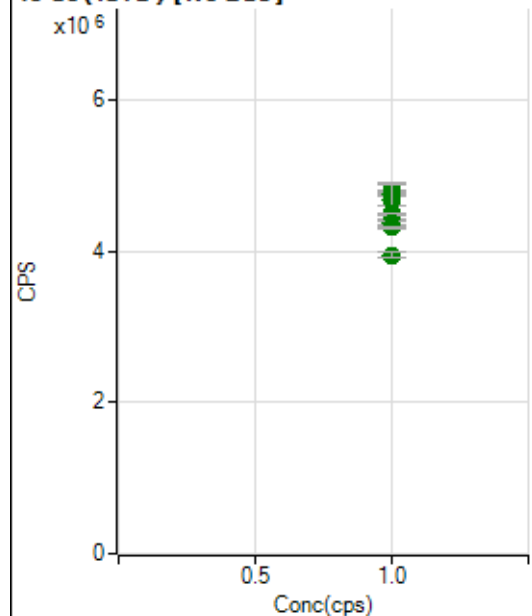
$$BEC = 0.001127$$

Weight: <None>

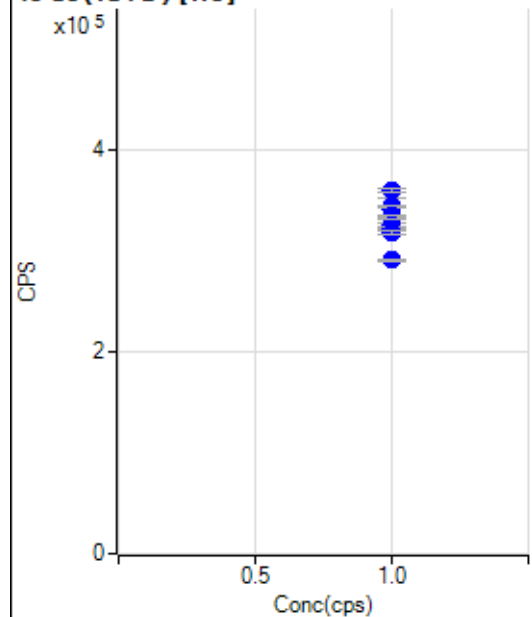
Min Conc: 0

6 Li (ISTD) [No Gas]

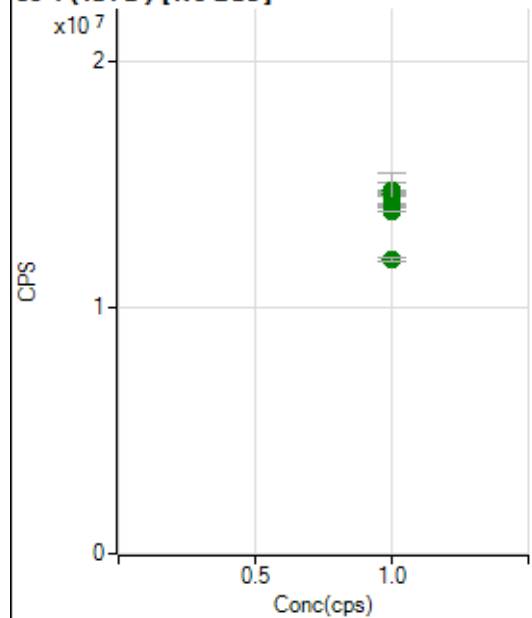
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2253136.32		A	1.6
2	☐	1.000		2243508.01		A	0.7
3	☐	1.000		2275225.00		A	3.5
4	☐	1.000		2310249.06		A	8.3
5	☐	1.000		2247386.46		A	1.4
6	☐	1.000		2185080.99		A	1.3
7	☐	1.000		2135439.43		A	1.2
8	☐	1.000		1969286.76		A	1.8

45 Sc (ISTD) [No Gas]

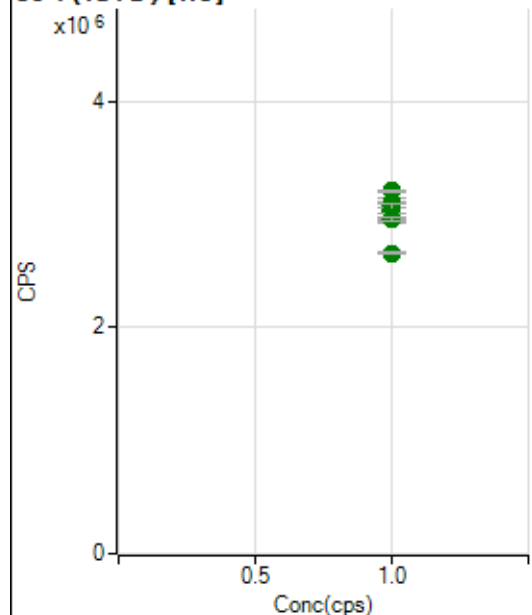
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4796735.24		A	0.6
2	☐	1.000		4734541.08		A	0.3
3	☐	1.000		4744290.14		A	6.1
4	☐	1.000		4667157.12		A	10.3
5	☐	1.000		4492808.93		A	0.7
6	☐	1.000		4370331.26		A	1.1
7	☐	1.000		4313513.79		A	0.6
8	☐	1.000		3952900.91		A	1.6

45 Sc (ISTD) [He]

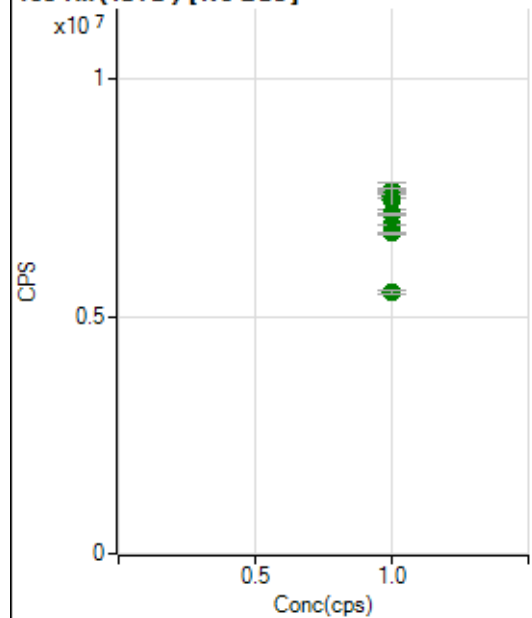
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		360132.91		P	0.9
2	☐	1.000		340909.69		P	7.5
3	☐	1.000		345121.28		P	0.6
4	☐	1.000		335360.42		P	0.6
5	☐	1.000		327257.44		P	3.1
6	☐	1.000		323121.66		P	1.0
7	☐	1.000		318983.54		P	1.3
8	☐	1.000		291335.71		P	0.5

89 Y (ISTD) [No Gas]

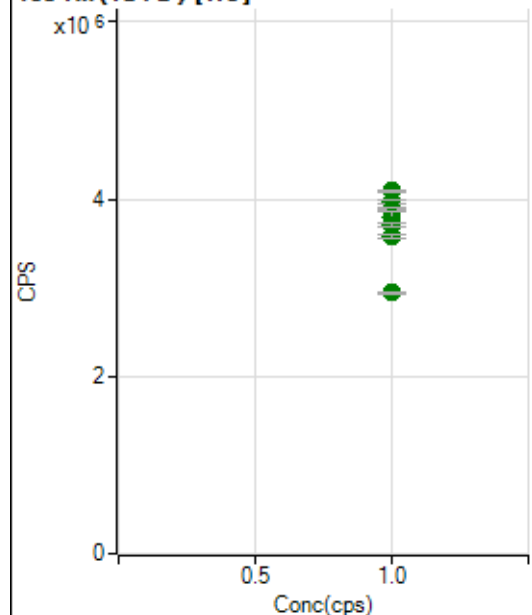
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14703230.06		A	0.2
2	☐	1.000		14518517.70		A	0.5
3	☐	1.000		14606243.95		A	6.0
4	☐	1.000		14713060.20		A	9.4
5	☐	1.000		14151048.68		A	0.9
6	☐	1.000		14029973.82		A	0.4
7	☐	1.000		13881092.85		A	0.4
8	☐	1.000		11947534.68		A	1.5

89 Y(ISTD) [He]

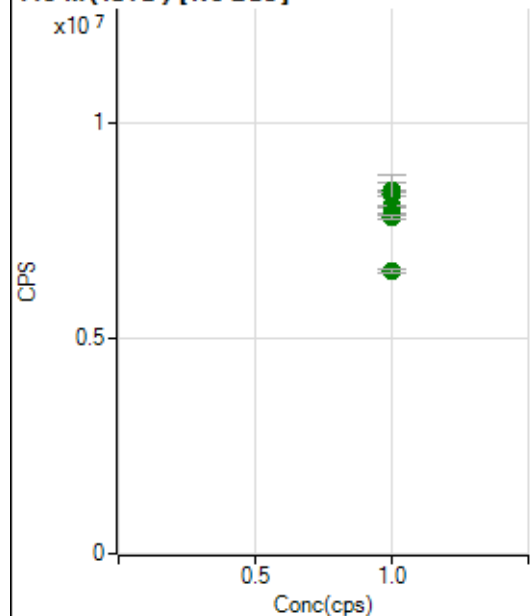
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3207347.80		A	0.4
2	☐	1.000		3030123.29		A	7.2
3	☐	1.000		3112736.45		A	0.3
4	☐	1.000		3078583.78		A	1.4
5	☐	1.000		3037524.54		A	3.9
6	☐	1.000		2980125.09		A	1.5
7	☐	1.000		2962241.80		A	1.4
8	☐	1.000		2656785.79		A	0.8

103 Rh(ISTD) [No Gas]

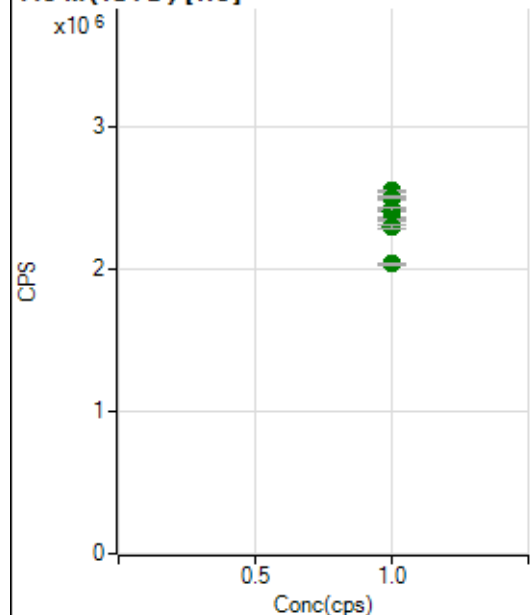
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7646280.51		A	0.4
2	☐	1.000		7538138.99		A	1.0
3	☐	1.000		7472783.91		A	6.3
4	☐	1.000		7468526.28		A	9.0
5	☐	1.000		7166828.36		A	0.7
6	☐	1.000		6929660.73		A	0.4
7	☐	1.000		6753544.13		A	0.4
8	☐	1.000		5520323.74		A	1.3

103 Rh (ISTD) [He]

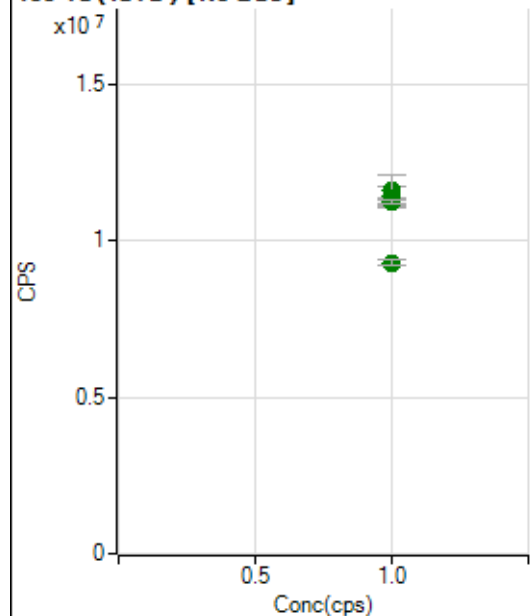
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4092909.28		A	0.8
2	☐	1.000		3864385.63		A	6.8
3	☐	1.000		3960116.96		A	1.1
4	☐	1.000		3886919.25		A	0.4
5	☐	1.000		3802095.01		A	3.4
6	☐	1.000		3711931.19		A	0.8
7	☐	1.000		3574109.43		A	1.0
8	☐	1.000		2946191.42		A	0.9

115 In (ISTD) [No Gas]

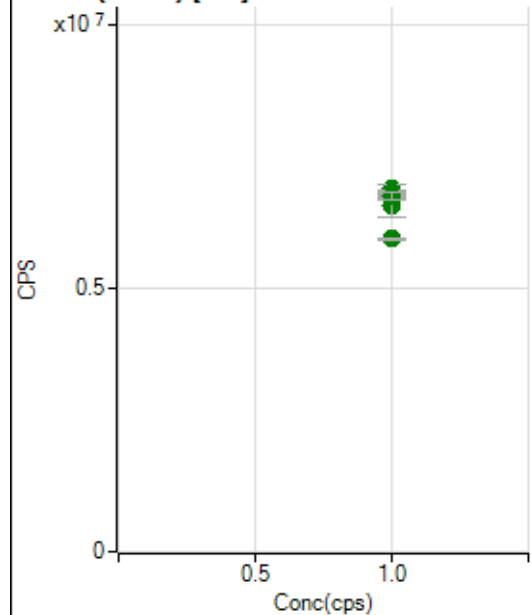
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8404258.89		A	0.5
2	☐	1.000		8333790.89		A	1.1
3	☐	1.000		8345431.50		A	6.0
4	☐	1.000		8420042.15		A	9.3
5	☐	1.000		8080746.11		A	0.3
6	☐	1.000		7890724.29		A	0.7
7	☐	1.000		7791370.85		A	1.1
8	☐	1.000		6556838.90		A	1.3

115 In (ISTD) [He]

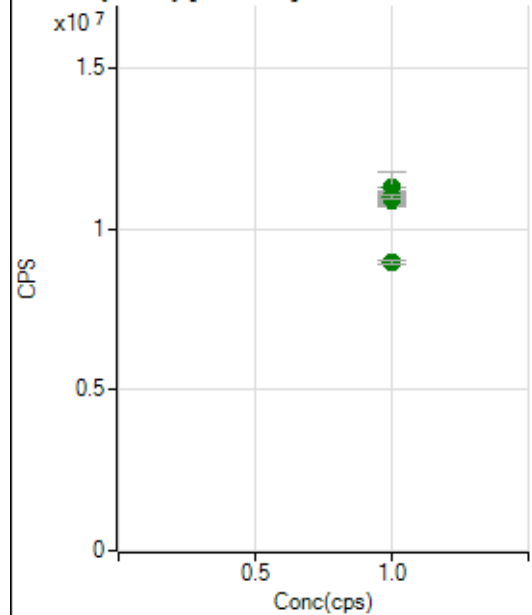
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2547923.89		A	0.6
2	☐	1.000		2399860.18		A	7.5
3	☐	1.000		2500147.98		A	0.5
4	☐	1.000		2413303.91		A	0.8
5	☐	1.000		2399817.84		A	2.8
6	☐	1.000		2346332.15		A	0.6
7	☐	1.000		2293400.81		A	1.4
8	☐	1.000		2035535.18		A	0.7

159 Tb (ISTD) [No Gas]

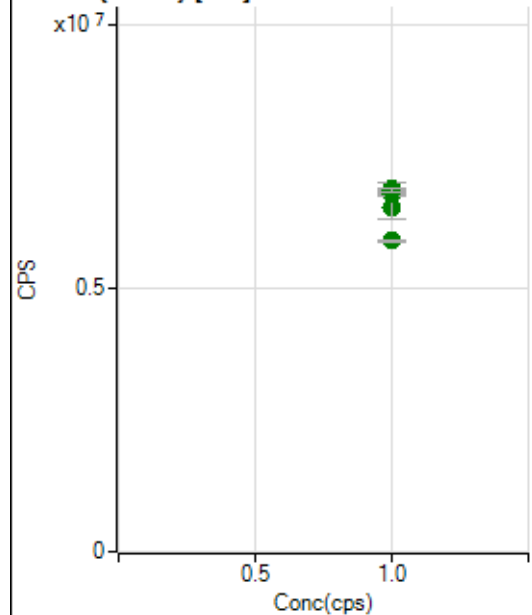
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11285389.83		A	0.1
2	☐	1.000		11308786.08		A	0.3
3	☐	1.000		11421379.21		A	5.8
4	☐	1.000		11579963.16		A	9.2
5	☐	1.000		11373779.41		A	0.0
6	☐	1.000		11337458.58		A	0.1
7	☐	1.000		11212115.94		A	1.1
8	☐	1.000		9284656.74		A	2.3

159 Tb (ISTD) [He]

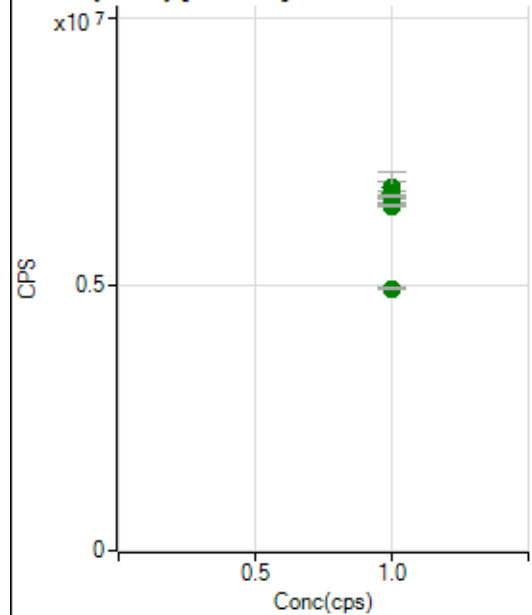
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6831391.70		A	0.8
2	☐	1.000		6563669.35		A	7.3
3	☐	1.000		6821258.30		A	0.8
4	☐	1.000		6726891.50		A	0.5
5	☐	1.000		6875010.80		A	2.8
6	☐	1.000		6826997.88		A	0.6
7	☐	1.000		6729150.94		A	2.3
8	☐	1.000		5925188.59		A	0.9

165 Ho (ISTD) [No Gas]

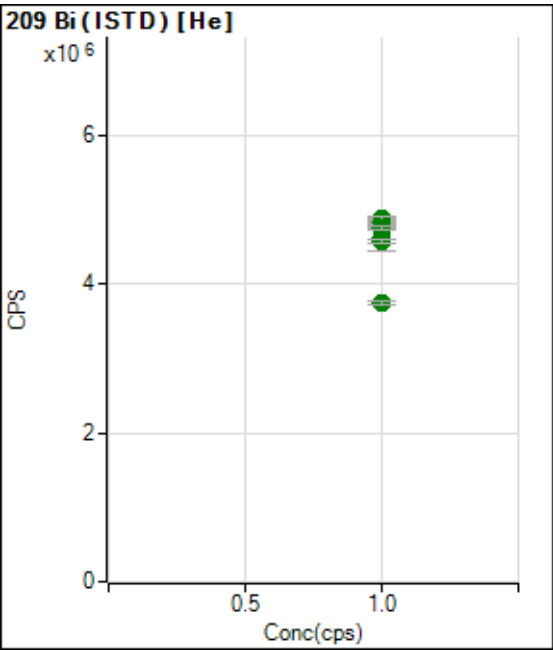
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10888353.31		A	0.7
2	☐	1.000		10920563.58		A	0.4
3	☐	1.000		11031185.95		A	5.7
4	☐	1.000		11295056.08		A	8.9
5	☐	1.000		11147838.86		A	0.6
6	☐	1.000		10965711.09		A	0.8
7	☐	1.000		10989908.31		A	1.0
8	☐	1.000		8973608.55		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6819127.33		A	0.5
2	☐	1.000		6547485.88		A	6.6
3	☐	1.000		6885441.22		A	0.2
4	☐	1.000		6811959.69		A	1.6
5	☐	1.000		6896122.75		A	3.5
6	☐	1.000		6864941.98		A	0.5
7	☐	1.000		6864942.05		A	0.8
8	☐	1.000		5918851.71		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6644487.61		A	0.6
2	☐	1.000		6679514.21		A	0.3
3	☐	1.000		6742609.14		A	6.2
4	☐	1.000		6815062.75		A	9.4
5	☐	1.000		6715047.12		A	0.7
6	☐	1.000		6666236.15		A	0.7
7	☐	1.000		6470672.75		A	0.7
8	☐	1.000		4921482.95		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4826025.21		A	0.5
2	☐	1.000		4629032.71		A	7.5
3	☐	1.000		4884215.55		A	0.5
4	☐	1.000		4812844.30		A	0.5
5	☐	1.000		4840551.98		A	2.8
6	☐	1.000		4764345.45		A	0.8
7	☐	1.000		4593562.12		A	1.1
8	☐	1.000		3747332.34		A	1.2