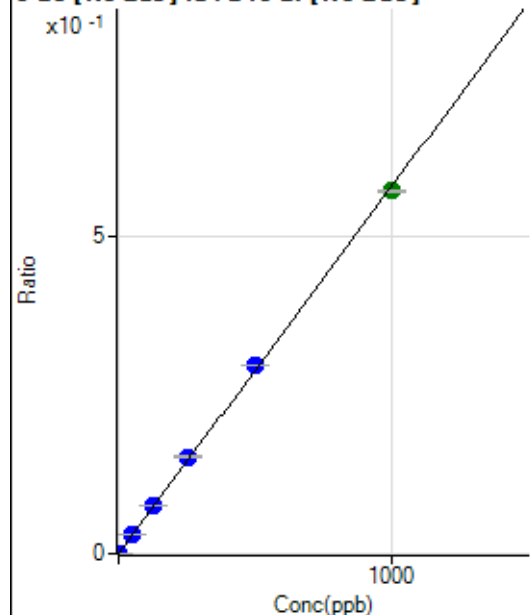


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8072023MS.b\
 Analysis File: P8072023MS.batch.bin
 DA Date-Time: 2023-07-20 19:00:26
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-07-20 13:16:19
2	005CALS.d	S02	2023-07-20 13:19:22
3	006CALS.d	S03	2023-07-20 13:22:28
4	007CALS.d	S04	2023-07-20 13:25:26
5	008CALS.d	S05	2023-07-20 13:28:22
6	009CALS.d	S06	2023-07-20 13:31:13
7	012CALS.d	S07	2023-07-20 13:51:33
8	013CALS.d	S08	2023-07-20 13:54:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.82	0.0000	P	11.0
2	☐	1.000	1.067	1594.06	0.0006	P	4.8
3	☐	50.000	53.230	77268.88	0.0308	P	1.7
4	☐	125.000	131.664	185515.77	0.0762	P	2.9
5	☐	250.000	263.773	357109.94	0.1527	P	2.7
6	☐	500.000	514.148	678359.37	0.2976	P	0.5
7	☐	1000.000	988.488	1332612.28	0.5721	A	0.5
8	☐			307.88	0.0001	P	39.7

$$y = 5.7871\text{E-}004 * x + 2.0504\text{E-}005$$

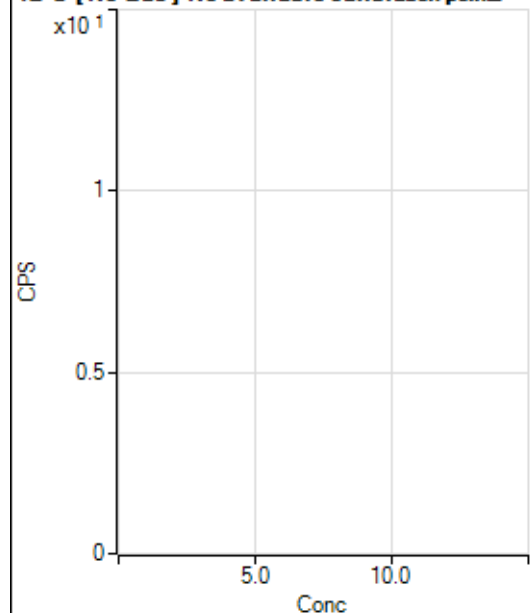
$$R = 0.9997$$

$$DL = 0.01164$$

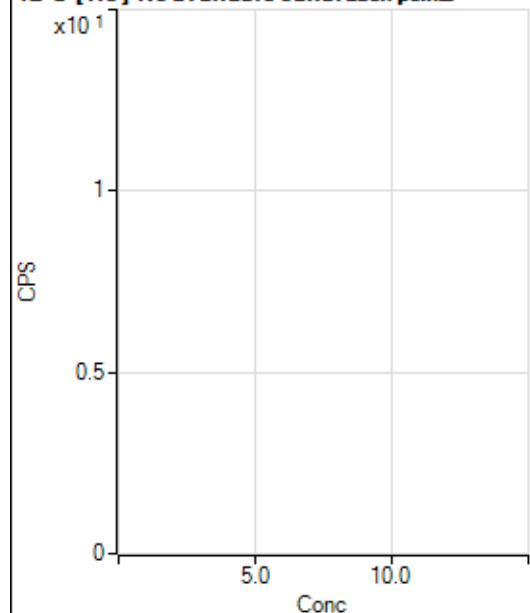
$$BEC = 0.03543$$

Weight: <None>

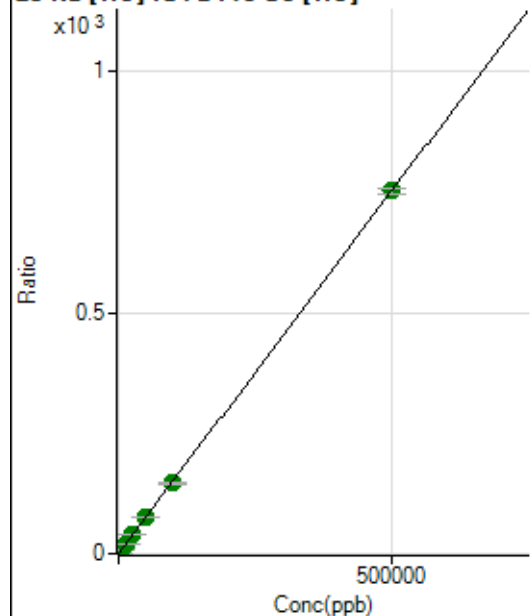
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3397303.16		A	1.6
2	☐			3333107.45		A	0.1
3	☐			3209493.54		A	1.8
4	☐			3214178.85		A	2.1
5	☐			3244251.27		A	2.1
6	☐			3078629.23		A	2.8
7	☐			3013742.08		A	2.4
8	☐			3063773.33		A	5.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44545.86		P	2.7
2	☐			42774.00		P	1.7
3	☐			42358.80		P	0.4
4	☐			43169.57		P	1.0
5	☐			44345.40		P	1.6
6	☐			43830.01		P	1.8
7	☐			42074.79		P	1.4
8	☐			49037.88		P	3.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14827.31	0.0926	P	1.3
2	☐	500.000	495.343	134665.25	0.8379	P	1.1
3	☐	5000.000	5159.748	1278631.43	7.8558	A	9.2
4	☐	12500.000	13042.452	3021937.02	19.7159	A	4.8
5	☐	25000.000	25511.010	5777766.84	38.4756	A	0.3
6	☐	50000.000	50685.803	10820956.49	76.3528	A	3.0
7	☐	100000.00	97456.926	22435276.89	146.7231	A	1.5
8	☐	500000.00	500399.33	112812756.6	752.9772	A	1.7

$$y = 0.0015 * x + 0.0926$$

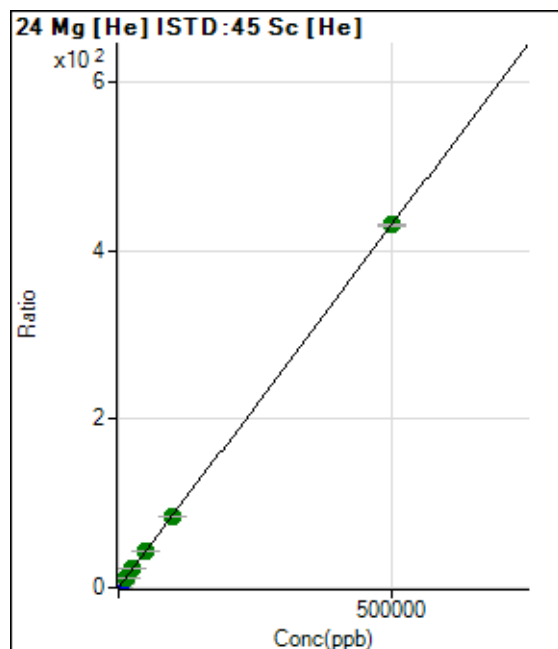
$$R = 1.0000$$

$$DL = 2.384$$

$$BEC = 61.55$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0009	P	19.7
2	☐	500.000	497.543	68952.93	0.4290	P	2.4
3	☐	5000.000	5186.323	725888.54	4.4637	P	10.6
4	☐	12500.000	13387.258	1766072.26	11.5205	A	3.7
5	☐	25000.000	25867.078	3342611.06	22.2593	A	0.4
6	☐	50000.000	50776.559	6193925.53	43.6936	A	1.4
7	☐	100000.00	97855.613	12876248.29	84.2047	A	1.2
8	☐	500000.00	500283.82	64494660.47	430.4906	A	0.6

$$y = 8.6049\text{E-}004 * x + 8.6807\text{E-}004$$

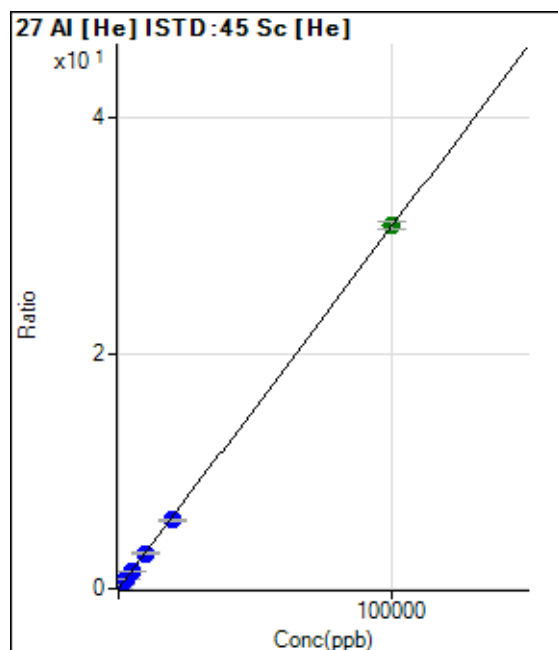
$$R = 1.0000$$

$$DL = 0.597$$

$$BEC = 1.009$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.74	0.0006	P	21.1
2	☐	20.000	20.009	1088.66	0.0068	P	1.3
3	☐	1000.000	964.953	48388.37	0.2975	P	10.3
4	☐	2500.000	2500.714	118055.15	0.7700	P	3.2
5	☐	5000.000	4880.715	225589.52	1.5023	P	0.7
6	☐	10000.000	9747.984	425153.79	2.9998	P	2.8
7	☐	20000.000	18932.282	890788.30	5.8256	P	1.5
8	☐	100000.00	100245.04	4621094.97	30.8435	A	2.2

$$y = 3.0767\text{E-}004 * x + 6.1687\text{E-}004$$

$$R = 0.9999$$

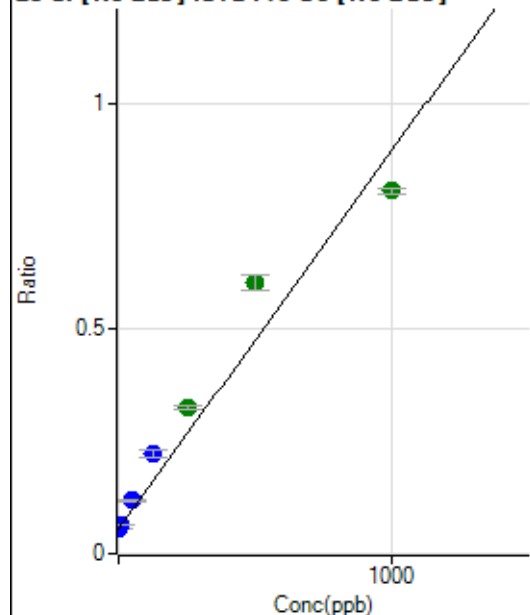
$$DL = 1.27$$

$$BEC = 2.005$$

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	236899.75	0.0542	P	1.7
2	☐	10.000	9.345	272952.77	0.0621	P	0.6
3	☐	50.000	75.270	516195.66	0.1174	P	5.7
4	☐	125.000	197.451	967204.39	0.2198	P	7.8
5	☐	250.000	321.499	1351025.29	0.3238	A	3.7
6	☐	500.000	653.680	2503701.60	0.6024	A	5.3
7	☐	1000.000	894.972	3458520.30	0.8047	A	1.8
8	☐			1087953.66	0.2875	A	6.5

$$y = 8.3853\text{E-}004 * x + 0.0542$$

$$R = 0.9757$$

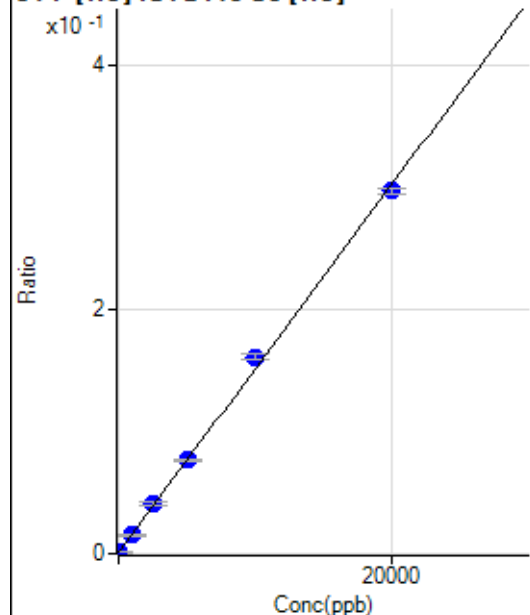
$$DL = 3.269$$

$$BEC = 64.69$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.582	127.78	0.0008	P	33.3
2	☐	0.000	1.582	136.11	0.0008	P	12.6
3	☐	1000.000	969.405	2516.95	0.0154	P	7.9
4	☐	2500.000	2641.644	6229.28	0.0406	P	6.1
5	☐	5000.000	5023.313	11496.46	0.0766	P	0.6
6	☐	10000.000	10619.847	22807.30	0.1609	P	2.9
7	☐	20000.000	19668.072	45469.03	0.2973	P	1.8
8	☐			111.12	0.0007	P	26.7

$$y = 1.5076\text{E-}005 * x + 8.2294\text{E-}004$$

$$R = 0.9993$$

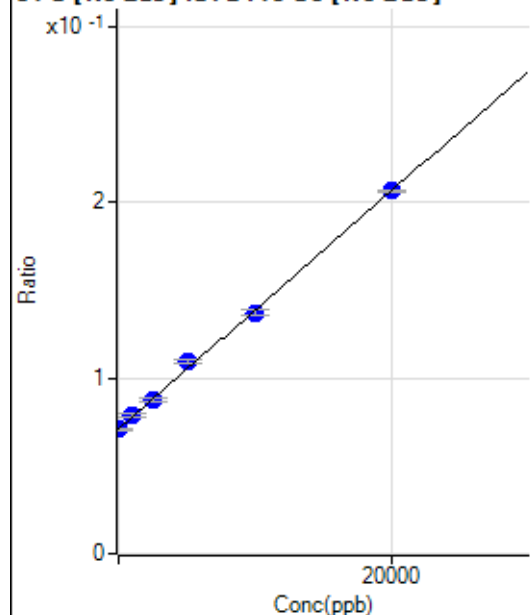
$$DL = 37.12$$

$$BEC = 54.58$$

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	7.521	310355.48	0.0711	P	0.8
2	☐	0.000	-7.521	311939.39	0.0710	P	1.5
3	☐	1000.000	1174.755	347426.01	0.0790	P	2.9
4	☐	2500.000	2443.675	385732.62	0.0876	P	2.8
5	☐	5000.000	5605.408	454544.46	0.1090	P	2.2
6	☐	10000.000	9766.400	570553.64	0.1373	P	1.8
7	☐	20000.000	19963.751	887391.39	0.2064	P	0.6
8	☐			285345.27	0.0758	P	6.2

$$y = 6.7846E-006 * x + 0.0710$$

$$R = 0.9994$$

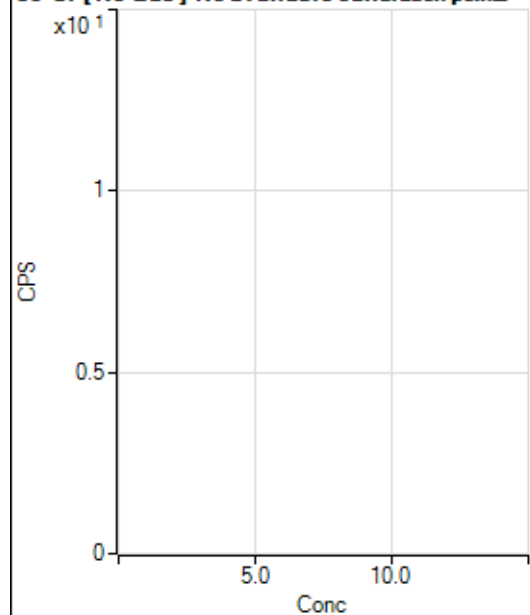
$$DL = 352.5$$

$$BEC = 1.047E+04$$

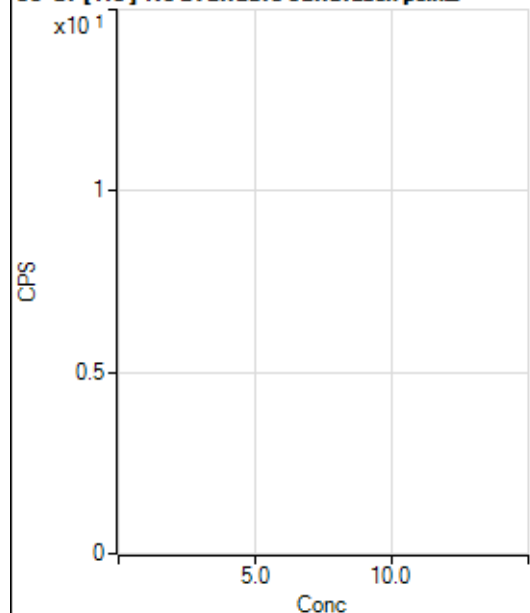
Weight: <None>

Min Conc: 0

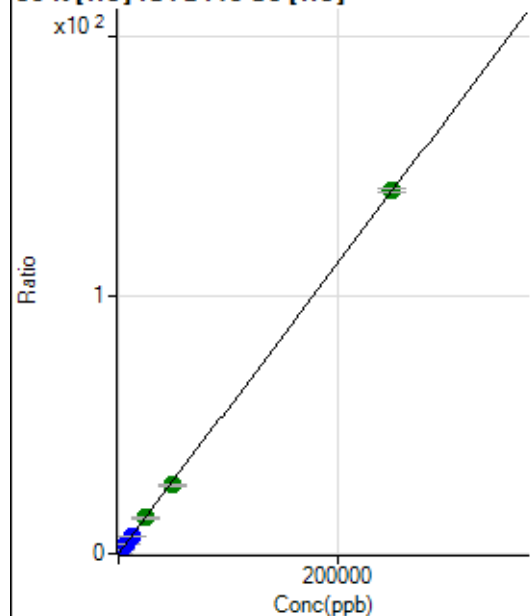
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141607.69		P	0.7
2	☐			145548.68		P	0.4
3	☐			153839.24		P	0.7
4	☐			147299.27		P	0.5
5	☐			145441.76		P	0.6
6	☐			143377.32		P	1.2
7	☐			154655.94		P	1.0
8	☐			162557.79		P	1.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1147.30		P	8.4
2	☐			1038.95		P	13.1
3	☐			1205.63		P	3.3
4	☐			1158.41		P	3.1
5	☐			1044.51		P	2.3
6	☐			1000.06		P	8.3
7	☐			1211.19		P	14.1
8	☐			1433.45		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10668.05	0.0666	P	2.8
2	☐	500.000	458.710	52025.03	0.3237	P	2.5
3	☐	2500.000	2483.748	237124.93	1.4587	P	11.2
4	☐	6250.000	6286.760	550367.49	3.5901	P	3.7
5	☐	12500.000	12359.412	1050180.41	6.9936	P	0.6
6	☐	25000.000	24860.419	1983470.49	13.9999	A	4.6
7	☐	50000.000	47451.856	4077364.94	26.6614	A	1.8
8	☐	250000.00	250529.94	21046116.97	140.4783	A	1.1

$$y = 5.6046\text{E-}004 * x + 0.0666$$

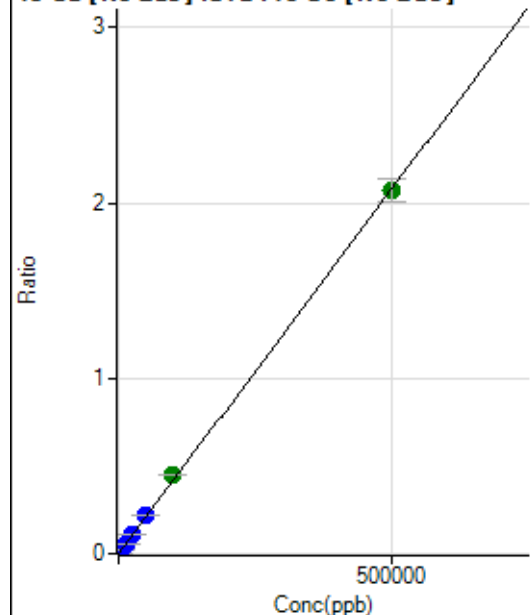
$$R = 0.9999$$

$$DL = 9.843$$

$$BEC = 118.9$$

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	274.14	0.0001	P	8.0
2	☐	500.000	439.033	8294.28	0.0019	P	1.4
3	☐	5000.000	5456.661	99991.51	0.0227	P	2.9
4	☐	12500.000	13319.975	243935.73	0.0554	P	3.3
5	☐	25000.000	27185.944	471017.27	0.1130	P	2.4
6	☐	50000.000	52252.414	902524.89	0.2171	P	0.7
7	☐	100000.00	108875.80	1944075.81	0.4523	A	1.0
8	☐	500000.00	497865.29	7786256.57	2.0681	A	6.5

$$y = 4.1538\text{E-}006 * x + 6.2732\text{E-}005$$

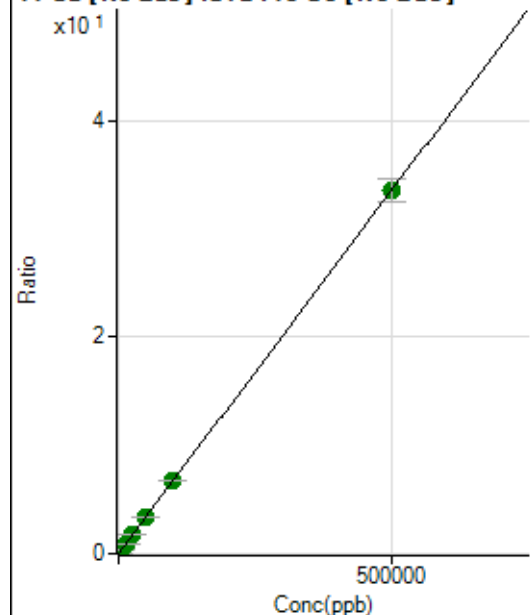
$$R = 0.9998$$

$$DL = 3.611$$

$$BEC = 15.1$$

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	37393.12	0.0086	P	0.9
2	☐	500.000	433.924	165643.04	0.0377	P	1.3
3	☐	5000.000	5311.582	1605337.12	0.3649	A	3.6
4	☐	12500.000	12868.679	3840345.90	0.8720	A	2.9
5	☐	25000.000	26118.740	7343026.45	1.7610	A	0.3
6	☐	50000.000	50388.693	14090151.05	3.3894	A	0.4
7	☐	100000.00	101457.57	29295671.42	6.8158	A	0.6
8	☐	500000.00	499601.41	126236760.6	33.5291	A	6.4

$$y = 6.7095\text{E-}005 * x + 0.0086$$

$$R = 1.0000$$

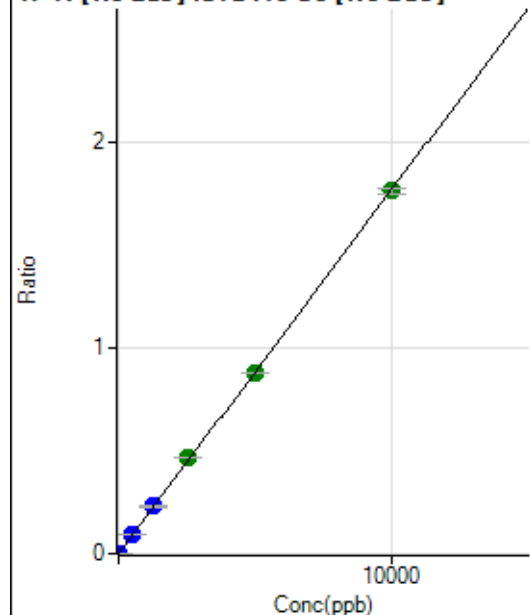
$$DL = 3.534$$

$$BEC = 127.6$$

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	100.00	0.0000	P	20.9
2	☐	5.000	5.366	4267.42	0.0010	P	9.8
3	☐	500.000	529.603	411703.95	0.0936	P	3.4
4	☐	1250.000	1299.480	1011247.72	0.2296	P	2.8
5	☐	2500.000	2627.846	1935989.41	0.4643	A	0.6
6	☐	5000.000	4977.443	3655857.55	0.8794	A	0.7
7	☐	10000.000	9971.652	7572821.35	1.7618	A	1.7
8	☐			1875.32	0.0005	P	41.0

$$y = 1.7667\text{E-}004 * x + 2.2861\text{E-}005$$

$$R = 0.9999$$

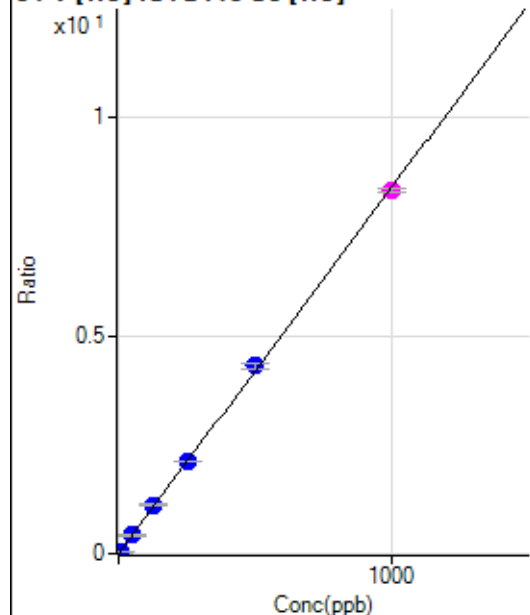
$$DL = 0.08123$$

$$BEC = 0.1294$$

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	21.11	0.0001	P	45.5
2	☐	5.000	4.926	6667.16	0.0415	P	3.6
3	☐	50.000	50.610	69024.48	0.4249	P	12.3
4	☐	125.000	131.776	169573.04	1.1061	P	3.8
5	☐	250.000	253.817	319922.33	2.1304	P	0.8
6	☐	500.000	513.597	610889.67	4.3108	P	3.2
7	☐	1000.000	991.370	1272359.97	8.3207	M	1.1
8	☐			305.56	0.0020	P	16.0

$$y = 0.0084 * x + 1.3181\text{E-}004$$

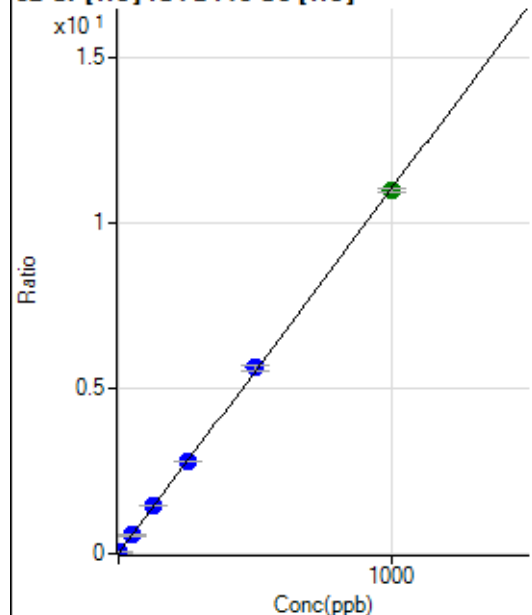
$$R = 0.9998$$

$$DL = 0.02144$$

$$BEC = 0.01571$$

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	1166.73	0.0073	P	3.6
2	☐	2.000	2.036	4780.86	0.0297	P	3.8
3	☐	50.000	50.595	91924.50	0.5654	P	10.8
4	☐	125.000	130.708	222161.85	1.4490	P	3.0
5	☐	250.000	252.179	418791.57	2.7889	P	1.1
6	☐	500.000	508.806	796350.00	5.6196	P	3.3
7	☐	1000.000	994.309	1678575.60	10.9748	A	1.0
8	☐			10330.50	0.0690	P	1.8

$$y = 0.0110 * x + 0.0073$$

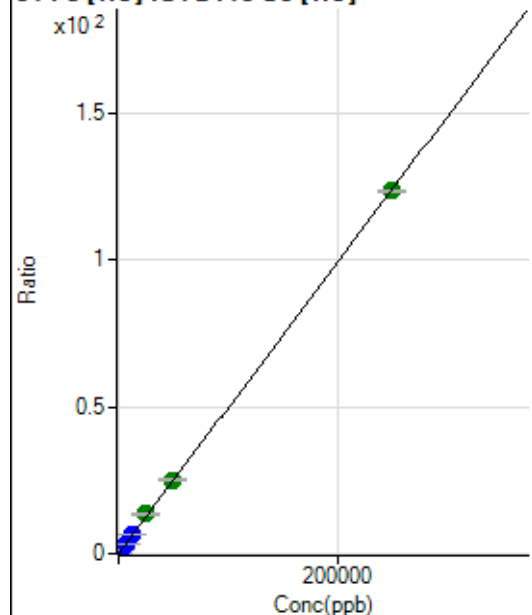
$$R = 0.9999$$

$$DL = 0.07127$$

$$BEC = 0.6606$$

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	422.24	0.0026	P	13.7
2	☐	50.000	51.483	4511.90	0.0281	P	1.9
3	☐	2500.000	2571.556	206991.56	1.2730	P	10.7
4	☐	6250.000	6666.661	505356.95	3.2959	P	2.6
5	☐	12500.000	12880.119	955847.86	6.3652	P	0.7
6	☐	25000.000	27140.279	1900106.61	13.4096	A	3.8
7	☐	50000.000	50563.813	3819775.11	24.9805	A	1.9
8	☐	250000.00	249643.07	18475592.31	123.3230	A	0.5

$$y = 4.9399E-004 * x + 0.0026$$

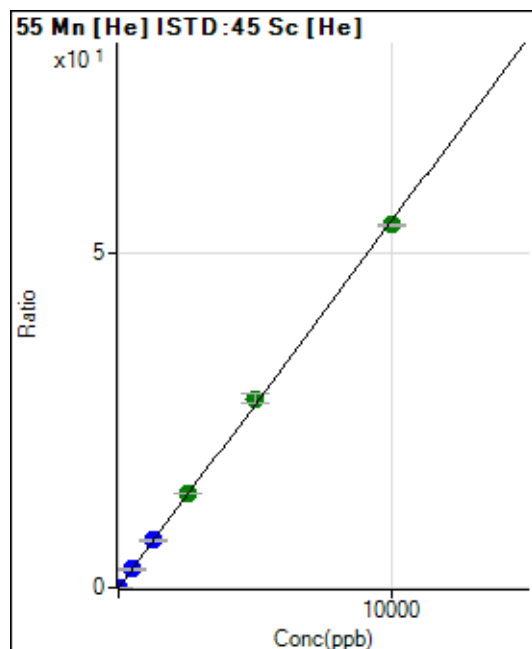
$$R = 1.0000$$

$$DL = 2.194$$

$$BEC = 5.341$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0004	P	25.9
2	☐	1.000	1.014	957.82	0.0060	P	6.2
3	☐	500.000	499.585	444382.00	2.7318	P	10.1
4	☐	1250.000	1299.399	1089178.55	7.1047	P	3.5
5	☐	2500.000	2568.554	2108806.51	14.0436	A	0.8
6	☐	5000.000	5153.255	3991287.93	28.1750	A	5.2
7	☐	10000.000	9900.080	8277533.35	54.1275	A	0.5
8	☐			6185.85	0.0413	P	1.0

$$y = 0.0055 * x + 4.1602E-004$$

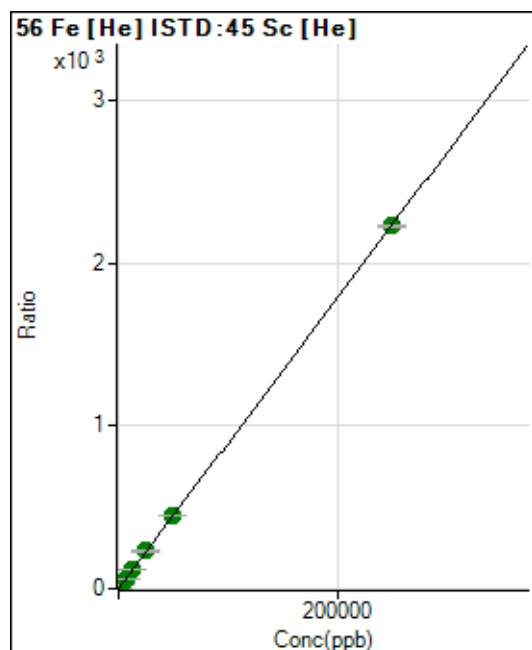
$$R = 0.9998$$

$$DL = 0.05911$$

$$BEC = 0.07609$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2900.34	0.0181	P	1.9
2	☐	50.000	50.078	74654.15	0.4645	P	1.5
3	☐	2500.000	2591.344	3762088.40	23.1150	A	9.3
4	☐	6250.000	6640.500	9076507.27	59.2054	A	3.5
5	☐	12500.000	12899.377	17268052.01	114.9912	A	1.2
6	☐	25000.000	26040.323	32897153.51	232.1175	A	2.6
7	☐	50000.000	49927.240	68060139.48	445.0234	A	0.2
8	☐	250000.00	249879.87	333668014.8	2,227.216	A	0.3

$$y = 0.0089 * x + 0.0181$$

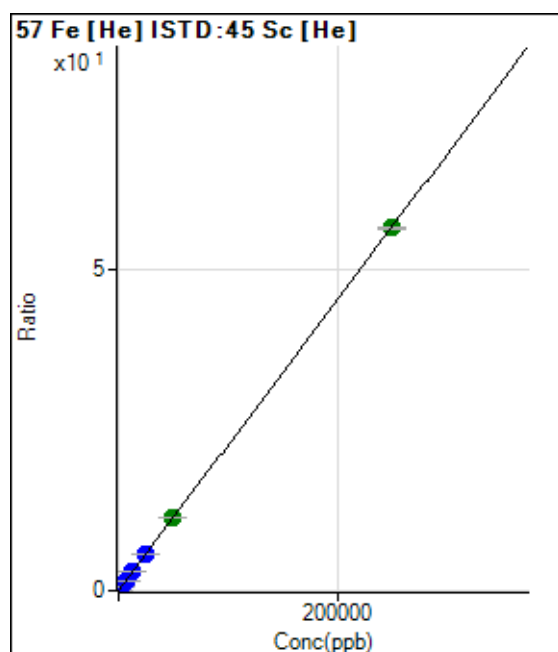
$$R = 1.0000$$

$$DL = 0.1139$$

$$BEC = 2.032$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0007	P	9.1
2	☐	50.000	50.983	1961.28	0.0122	P	6.3
3	☐	2500.000	2536.080	93214.26	0.5730	P	10.1
4	☐	6250.000	6409.467	221900.96	1.4472	P	2.4
5	☐	12500.000	12666.968	429374.62	2.8594	P	0.7
6	☐	25000.000	25408.925	812860.25	5.7350	P	2.3
7	☐	50000.000	50670.536	1748796.69	11.4361	A	0.9
8	☐	250000.00	249812.30	8446191.10	56.3786	A	0.8

$$y = 2.2568\text{E-}004 * x + 6.9418\text{E-}004$$

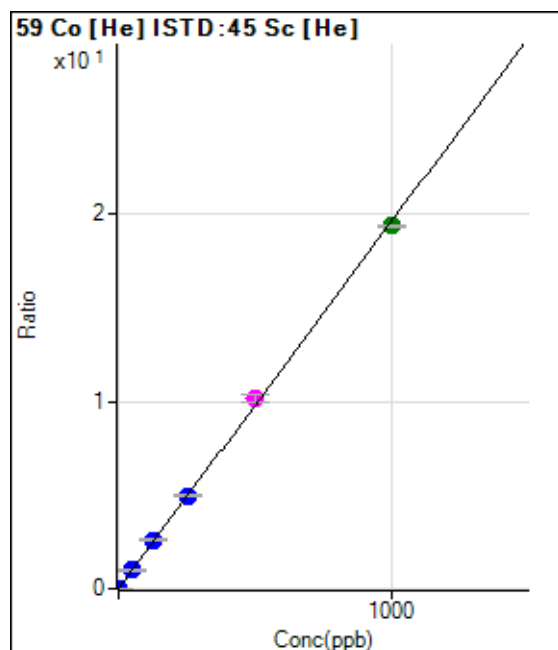
$$R = 1.0000$$

$$DL = 0.8392$$

$$BEC = 3.076$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0004	P	19.5
2	☐	1.000	0.997	3205.95	0.0199	P	3.0
3	☐	50.000	51.517	164176.56	1.0095	P	10.4
4	☐	125.000	132.072	396647.71	2.5872	P	3.5
5	☐	250.000	253.807	746561.20	4.9716	P	0.4
6	☐	500.000	519.824	1442704.32	10.1819	M	4.0
7	☐	1000.000	988.176	2959826.42	19.3553	A	0.7
8	☐			7256.35	0.0484	P	3.8

$$y = 0.0196 * x + 4.1608\text{E-}004$$

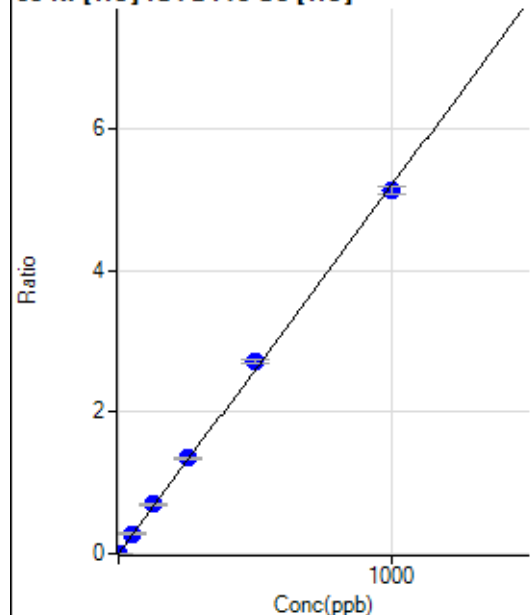
$$R = 0.9997$$

$$DL = 0.0124$$

$$BEC = 0.02124$$

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	67.78	0.0004	P	20.0
2	☐	1.000	1.120	1002.27	0.0062	P	1.6
3	☐	50.000	53.277	45040.07	0.2770	P	10.8
4	☐	125.000	134.204	106870.19	0.6971	P	3.7
5	☐	250.000	259.586	202422.31	1.3480	P	1.5
6	☐	500.000	521.279	383590.69	2.7065	P	2.5
7	☐	1000.000	985.650	782417.70	5.1171	P	2.0
8	☐			4082.85	0.0273	P	3.5

$$y = 0.0052 * x + 4.2340E-004$$

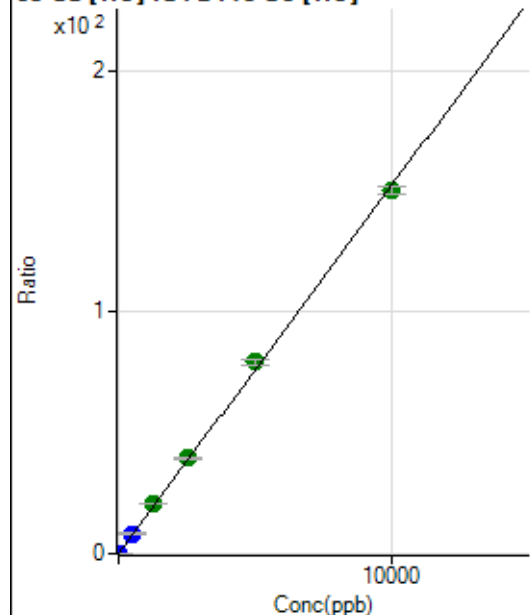
$$R = 0.9996$$

$$DL = 0.04901$$

$$BEC = 0.08156$$

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	747.81	0.0047	P	10.7
2	☐	2.000	2.000	5651.18	0.0352	P	1.8
3	☐	500.000	524.103	1299948.47	7.9918	P	10.2
4	☐	1250.000	1360.124	3178536.48	20.7325	A	3.2
5	☐	2500.000	2593.320	5935576.37	39.5260	A	1.0
6	☐	5000.000	5205.229	11241537.33	79.3307	A	3.5
7	☐	10000.000	9859.085	22974195.49	150.2539	A	2.1
8	☐			11034.40	0.0737	P	2.1

$$y = 0.0152 * x + 0.0047$$

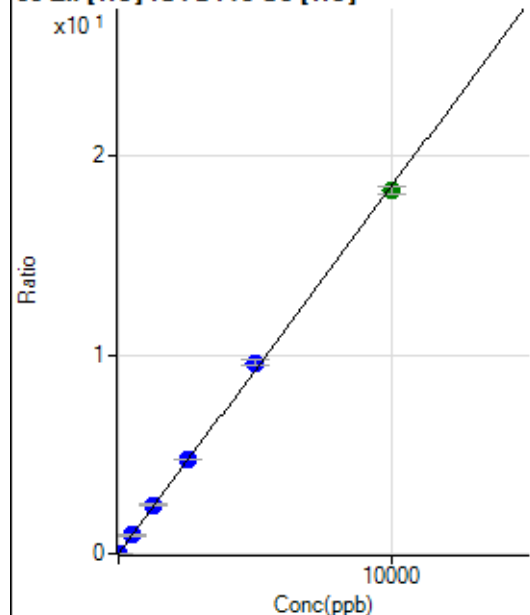
$$R = 0.9996$$

$$DL = 0.09847$$

$$BEC = 0.3066$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.34	0.0010	P	11.0
2	☐	2.000	2.234	826.70	0.0051	P	2.8
3	☐	500.000	512.721	154150.96	0.9475	P	9.8
4	☐	1250.000	1328.663	376198.80	2.4536	P	2.9
5	☐	2500.000	2559.449	709634.65	4.7256	P	1.3
6	☐	5000.000	5196.053	1359334.74	9.5926	P	3.4
7	☐	10000.000	9876.642	2787742.18	18.2327	A	2.3
8	☐			7945.63	0.0530	P	0.6

$$y = 0.0018 * x + 0.0010$$

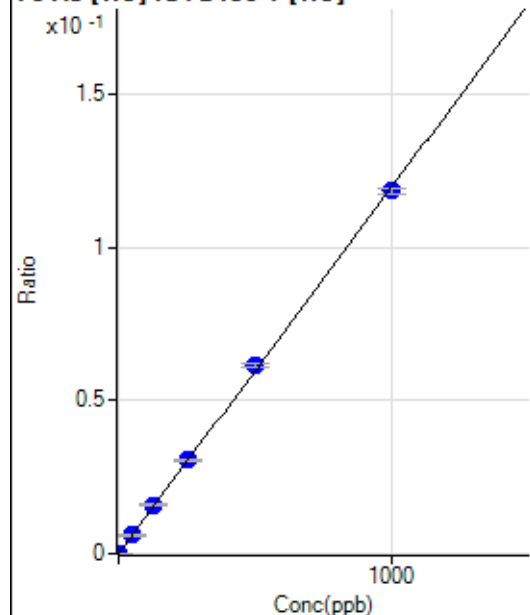
$$R = 0.9997$$

$$DL = 0.1831$$

$$BEC = 0.5528$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.67	0.0000	P	108.8
2	☐	1.000	1.138	180.69	0.0001	P	5.7
3	☐	50.000	51.501	8096.81	0.0062	P	10.4
4	☐	125.000	131.484	19678.64	0.0157	P	3.7
5	☐	250.000	255.338	37706.46	0.0305	P	1.7
6	☐	500.000	514.530	71624.86	0.0615	P	2.7
7	☐	1000.000	990.515	148592.27	0.1184	P	1.3
8	☐			59.34	0.0000	P	12.5

$$y = 1.1950E-004 * x + 2.0666E-006$$

$$R = 0.9998$$

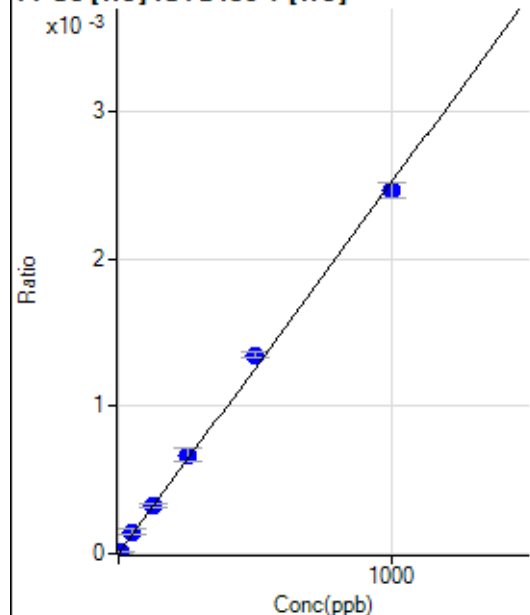
$$DL = 0.05644$$

$$BEC = 0.01729$$

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
2	☐	5.000	4.370	15.56	0.0000	P	54.3
3	☐	50.000	57.501	190.00	0.0001	P	26.9
4	☐	125.000	127.841	404.45	0.0003	P	9.0
5	☐	250.000	266.272	831.14	0.0007	P	13.1
6	☐	500.000	535.273	1573.44	0.0014	P	3.1
7	☐	1000.000	977.569	3094.82	0.0025	P	4.2
8	☐			13.33	0.0000	P	66.7

$$y = 2.5218\text{E-}006 * x + 8.6261\text{E-}007$$

$$R = 0.9989$$

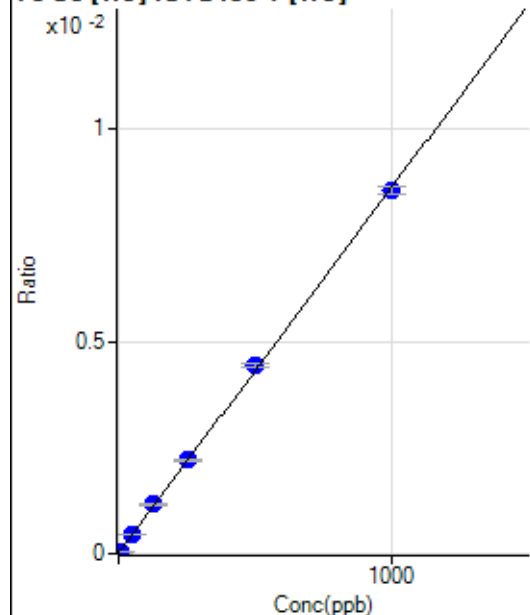
$$DL = 1.777$$

$$BEC = 0.3421$$

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	14.00	0.0000	P	32.3
2	☐	5.000	5.854	80.01	0.0001	P	8.8
3	☐	50.000	51.337	595.40	0.0005	P	9.9
4	☐	125.000	134.406	1462.23	0.0012	P	2.5
5	☐	250.000	254.682	2720.87	0.0022	P	3.4
6	☐	500.000	512.825	5153.14	0.0044	P	2.2
7	☐	1000.000	991.170	10719.49	0.0085	P	2.0
8	☐			75.34	0.0001	P	16.3

$$y = 8.6052\text{E-}006 * x + 1.0793\text{E-}005$$

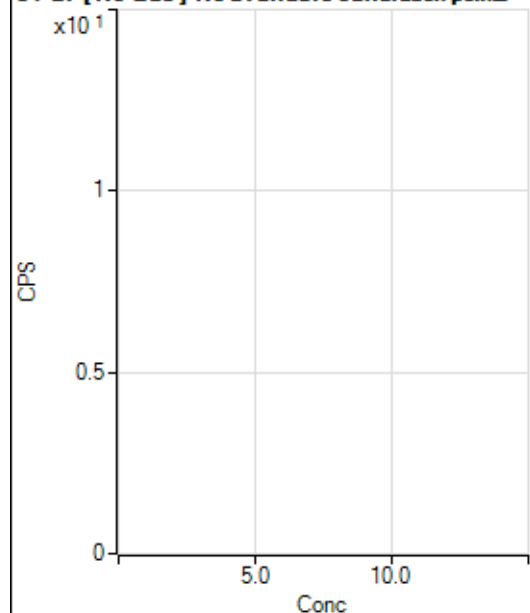
$$R = 0.9998$$

$$DL = 1.216$$

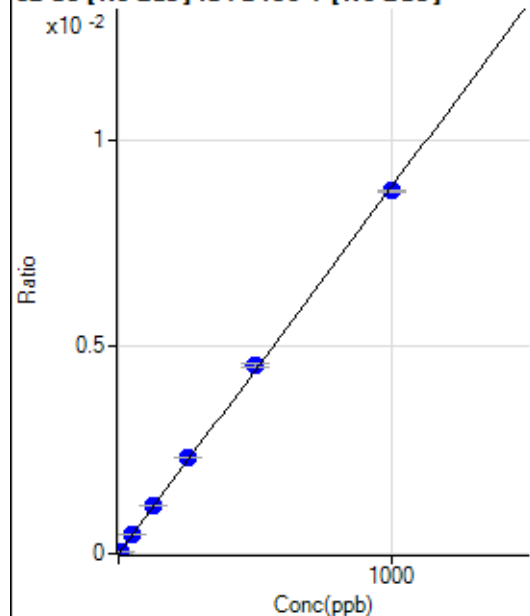
$$BEC = 1.254$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4475.85		P	6.0
2	☐			4411.91		P	0.4
3	☐			4298.01		P	4.1
4	☐			4295.21		P	8.0
5	☐			4092.38		P	7.7
6	☐			3789.51		P	9.1
7	☐			3781.15		P	4.5
8	☐			5034.37		P	5.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-6.25	0.0000	P	-140.
2	☐	5.000	4.809	477.46	0.0000	P	13.6
3	☐	50.000	53.247	5422.14	0.0005	P	2.6
4	☐	125.000	132.096	13350.37	0.0012	P	2.0
5	☐	250.000	261.477	25719.01	0.0023	P	0.6
6	☐	500.000	513.203	49526.41	0.0045	P	2.6
7	☐	1000.000	989.481	99738.80	0.0088	P	0.3
8	☐			510.79	0.0001	P	14.6

$$y = 8.8611\text{E-}006 * x - 5.6433\text{E-}007$$

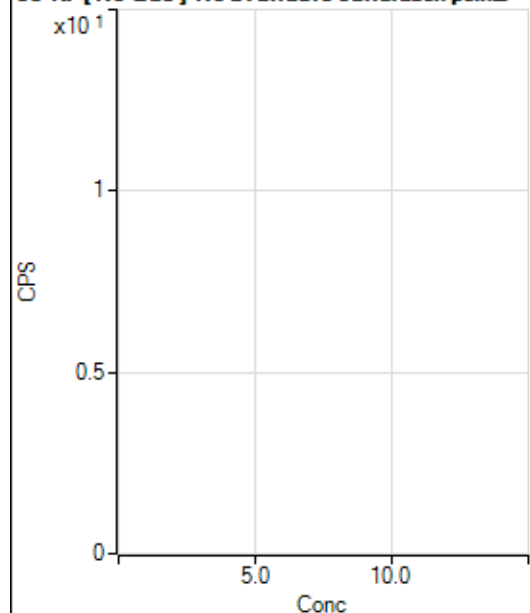
$$R = 0.9998$$

$$DL = 0.2687$$

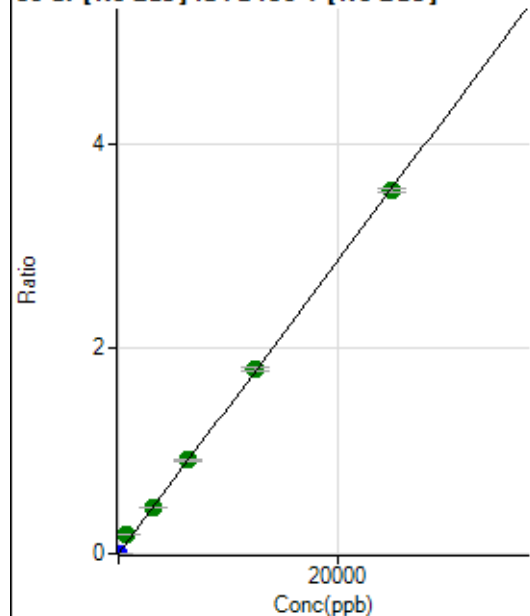
$$BEC = -0.06369$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			244.14		P	1.3
2	☐			270.80		P	8.7
3	☐			242.06		P	7.8
4	☐			258.30		P	5.4
5	☐			236.22		P	5.4
6	☐			254.97		P	5.6
7	☐			233.31		P	10.4
8	☐			229.55		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	491.69	0.0000	P	11.2
2	☐	1.000	0.996	2111.33	0.0002	P	3.3
3	☐	625.000	1300.574	2129263.42	0.1851	A	3.0
4	☐	3125.000	3198.153	5193212.53	0.4551	A	1.7
5	☐	6250.000	6393.987	10101720.36	0.9098	A	0.9
6	☐	12500.000	12672.409	19641729.43	1.8031	A	1.6
7	☐	25000.000	24851.765	40226953.68	3.5360	A	0.9
8	☐			9141.33	0.0009	P	39.3

$$y = 1.4228\text{E-}004 * x + 4.3970\text{E-}005$$

$$R = 0.9997$$

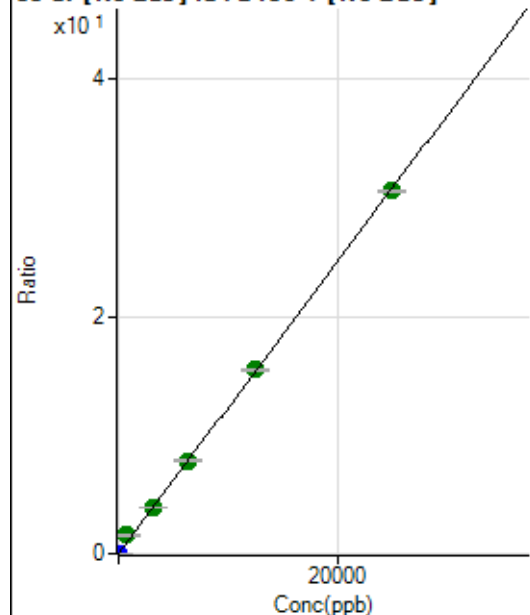
$$DL = 0.1038$$

$$BEC = 0.309$$

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	711.15	0.0001	P	21.1
2	☐	1.000	0.985	14480.04	0.0013	P	2.0
3	☐	625.000	1263.107	17853134.25	1.5517	A	3.1
4	☐	3125.000	3178.699	44563390.58	3.9048	A	1.4
5	☐	6250.000	6379.178	87011021.39	7.8363	A	1.1
6	☐	12500.000	12610.062	168782366.2	15.4905	A	0.5
7	☐	25000.000	24890.010	347823616.1	30.5753	A	0.4
8	☐			66179.83	0.0066	P	35.8

$$y = 0.0012 * x + 6.3565E-005$$

$$R = 0.9997$$

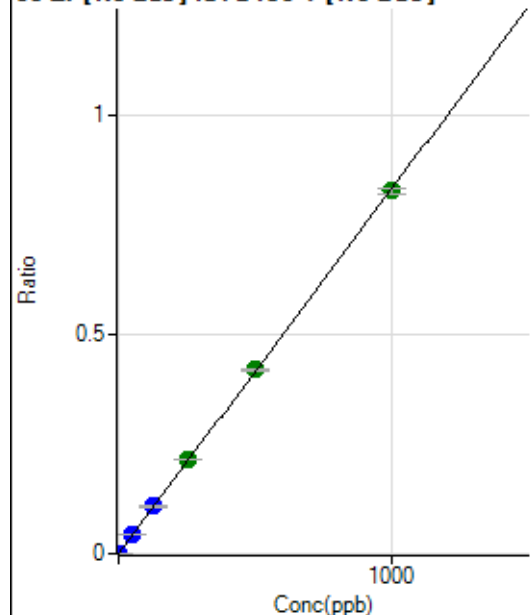
$$DL = 0.03272$$

$$BEC = 0.05175$$

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	505.58	0.0000	P	3.6
2	☐	1.000	0.939	9372.83	0.0008	P	1.2
3	☐	50.000	51.036	487745.70	0.0424	P	3.2
4	☐	125.000	129.534	1227323.58	0.1075	P	1.2
5	☐	250.000	259.029	2387433.10	0.2150	A	1.3
6	☐	500.000	504.251	4559196.50	0.4185	A	1.6
7	☐	1000.000	994.999	9394836.41	0.8258	A	1.3
8	☐			5109.56	0.0005	P	23.2

$$y = 8.2990E-004 * x + 4.5184E-005$$

$$R = 0.9999$$

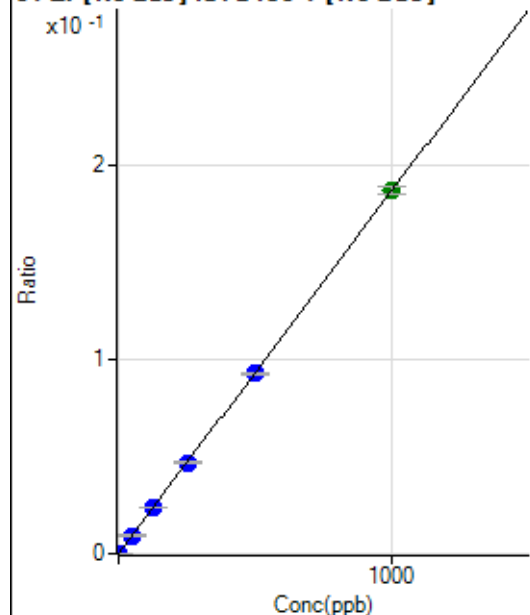
$$DL = 0.005842$$

$$BEC = 0.05445$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	31.9
2	☐	1.000	0.991	2158.56	0.0002	P	3.5
3	☐	50.000	50.218	107925.68	0.0094	P	3.1
4	☐	125.000	126.798	270264.92	0.0237	P	0.3
5	☐	250.000	251.940	522400.43	0.0470	P	0.5
6	☐	500.000	496.774	1010586.96	0.0928	P	1.3
7	☐	1000.000	1000.892	2126238.20	0.1869	A	2.2
8	☐			1083.41	0.0001	P	7.4

$$y = 1.8673\text{E-}004 * x + 4.7044\text{E-}006$$

$$R = 1.0000$$

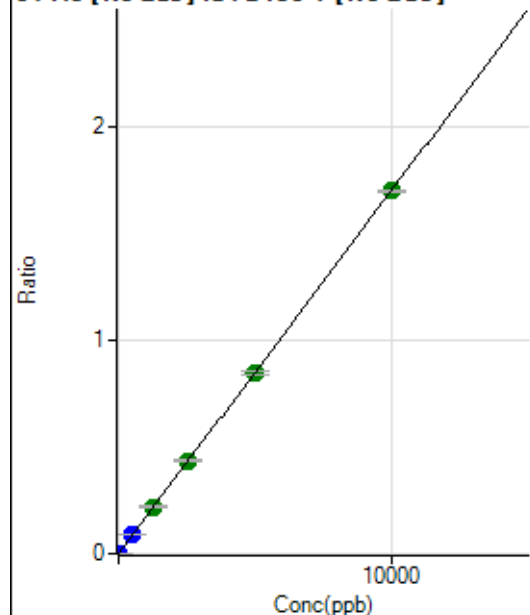
$$DL = 0.02414$$

$$BEC = 0.02519$$

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	133.34	0.0000	P	21.9
2	☐	5.000	5.784	11313.18	0.0010	P	2.0
3	☐	500.000	515.024	1007320.25	0.0876	P	2.1
4	☐	1250.000	1295.610	2513298.43	0.2202	A	1.5
5	☐	2500.000	2555.861	4823633.75	0.4345	A	1.2
6	☐	5000.000	4976.676	9215810.01	0.8459	A	1.2
7	☐	10000.000	9991.244	19320182.73	1.6983	A	0.6
8	☐			8000.62	0.0008	P	28.9

$$y = 1.6998\text{E-}004 * x + 1.1907\text{E-}005$$

$$R = 1.0000$$

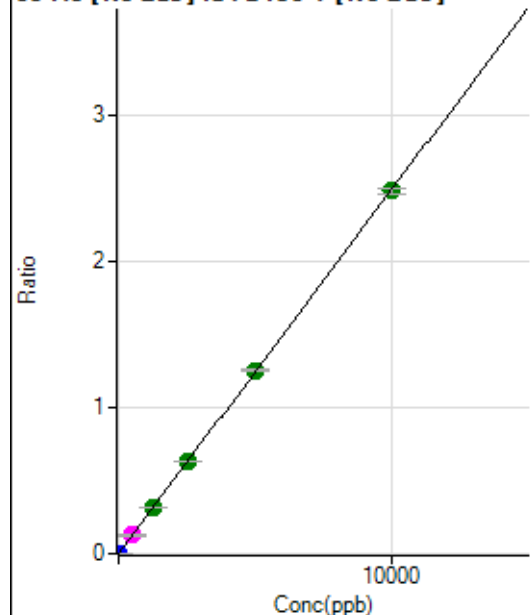
$$DL = 0.04594$$

$$BEC = 0.07005$$

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	33.33	0.0000	P	26.0
2	☐	5.000	4.923	13954.56	0.0012	P	3.2
3	☐	500.000	510.360	1459898.74	0.1269	M	4.5
4	☐	1250.000	1273.519	3614929.55	0.3167	A	1.1
5	☐	2500.000	2545.303	7028680.80	0.6330	A	1.2
6	☐	5000.000	5030.838	13631262.63	1.2512	A	1.3
7	☐	10000.000	9969.797	28209866.60	2.4796	A	1.4
8	☐			10452.56	0.0010	P	33.3

$$y = 2.4871\text{E-}004 * x + 2.9833\text{E-}006$$

$$R = 1.0000$$

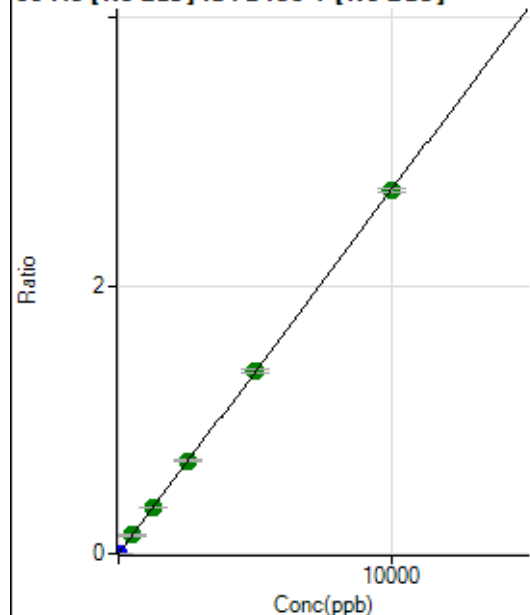
$$DL = 0.009342$$

$$BEC = 0.012$$

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	100.00	0.0000	P	15.7
2	☐	5.000	5.025	15614.71	0.0014	P	4.1
3	☐	500.000	510.078	1593520.85	0.1385	A	3.2
4	☐	1250.000	1278.082	3960928.43	0.3471	A	1.3
5	☐	2500.000	2562.221	7725320.92	0.6958	A	1.3
6	☐	5000.000	5017.902	14843024.29	1.3627	A	2.3
7	☐	10000.000	9971.479	30806257.98	2.7079	A	1.1
8	☐			11644.93	0.0012	P	29.4

$$y = 2.7156\text{E-}004 * x + 8.9475\text{E-}006$$

$$R = 1.0000$$

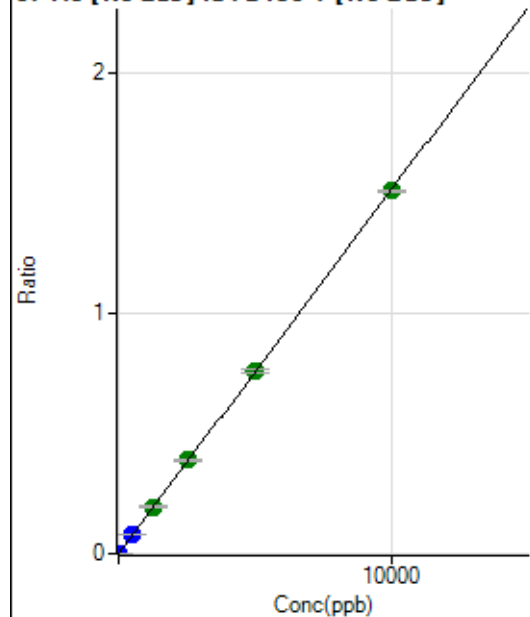
$$DL = 0.01549$$

$$BEC = 0.03295$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	86.6
2	☐	5.000	5.134	8864.16	0.0008	P	2.2
3	☐	500.000	518.980	904272.34	0.0786	P	2.7
4	☐	1250.000	1290.244	2229904.50	0.1954	A	1.6
5	☐	2500.000	2574.994	4329810.25	0.3900	A	1.7
6	☐	5000.000	5022.277	8285662.34	0.7606	A	1.8
7	☐	10000.000	9964.133	17167362.71	1.5091	A	0.5
8	☐			6493.83	0.0006	P	31.6

$$y = 1.5145\text{E-}004 * x + 1.9954\text{E-}006$$

$$R = 1.0000$$

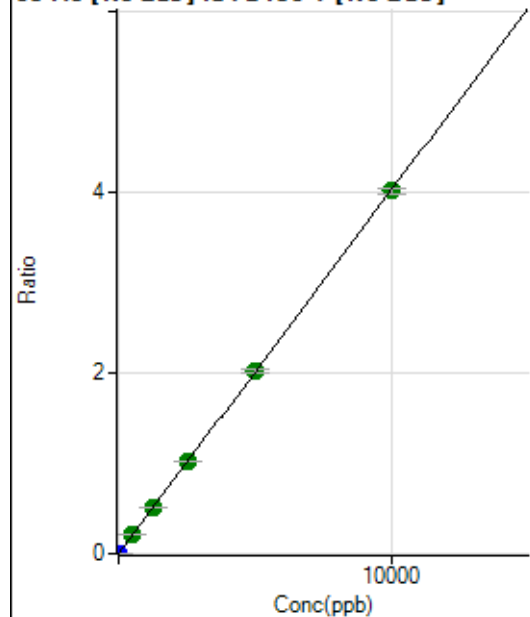
$$DL = 0.03423$$

$$BEC = 0.01318$$

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	44.44	0.0000	P	29.9
2	☐	5.000	5.035	23052.91	0.0020	P	1.1
3	☐	500.000	515.450	2382993.22	0.2071	A	2.5
4	☐	1250.000	1279.729	5868879.60	0.5143	A	1.1
5	☐	2500.000	2543.818	11349492.87	1.0222	A	1.6
6	☐	5000.000	5020.870	21979870.11	2.0177	A	1.6
7	☐	10000.000	9974.122	45599376.02	4.0081	A	1.4
8	☐			17281.23	0.0017	P	32.3

$$y = 4.0185\text{E-}004 * x + 3.9810\text{E-}006$$

$$R = 1.0000$$

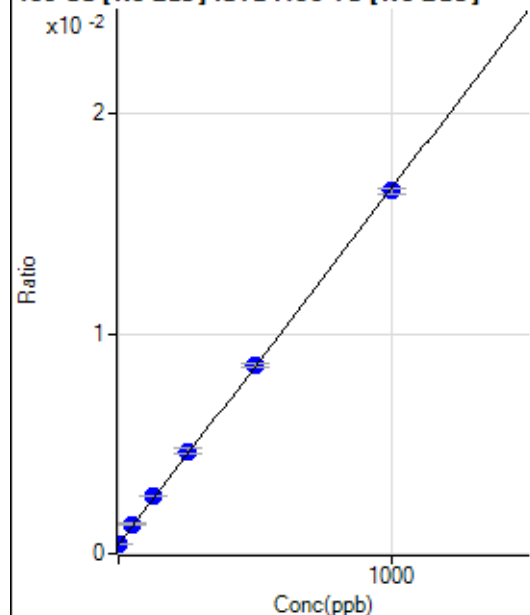
$$DL = 0.008881$$

$$BEC = 0.009907$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3703.39	0.0004	P	5.9
2	☐	1.000	1.180	3984.02	0.0004	P	5.5
3	☐	50.000	57.689	12194.56	0.0014	P	4.9
4	☐	125.000	136.522	23876.67	0.0026	P	2.6
5	☐	250.000	261.275	41463.15	0.0047	P	5.8
6	☐	500.000	505.742	77397.89	0.0086	P	2.0
7	☐	1000.000	992.485	154137.22	0.0165	P	1.7
8	☐			3147.67	0.0004	P	5.0

$$y = 1.6216\text{E-}005 * x + 4.1833\text{E-}004$$

$$R = 0.9999$$

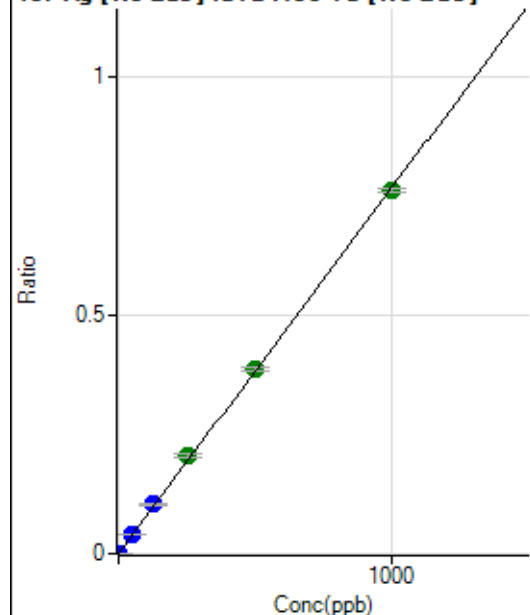
$$DL = 4.535$$

$$BEC = 25.8$$

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	102.78	0.0000	P	25.4
2	☐	1.000	1.005	7104.79	0.0008	P	4.8
3	☐	50.000	53.876	371881.42	0.0413	P	1.2
4	☐	125.000	134.819	936968.58	0.1033	P	1.8
5	☐	250.000	266.947	1821960.59	0.2045	A	3.6
6	☐	500.000	503.724	3464176.77	0.3859	A	1.7
7	☐	1000.000	992.480	7096723.16	0.7602	A	1.0
8	☐			1469.60	0.0002	P	16.8

$$y = 7.6599\text{E-}004 * x + 1.1622\text{E-}005$$

$$R = 0.9998$$

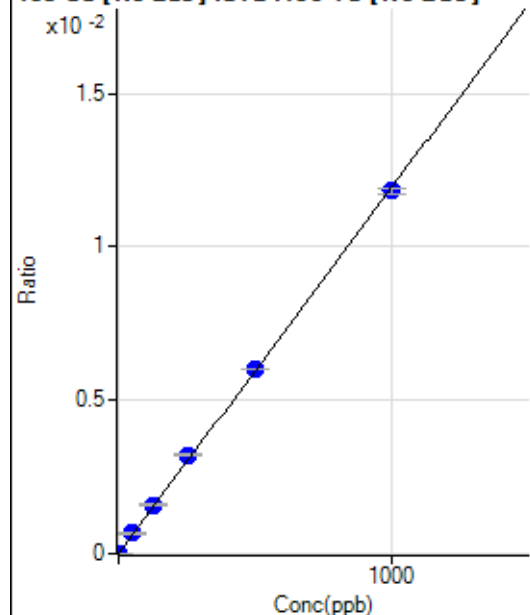
$$DL = 0.01158$$

$$BEC = 0.01517$$

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	29.17	0.0000	P	58.0
2	☐	1.000	0.654	101.39	0.0000	P	16.7
3	☐	50.000	55.301	5970.80	0.0007	P	1.4
4	☐	125.000	132.798	14392.38	0.0016	P	3.9
5	☐	250.000	268.725	28581.13	0.0032	P	2.5
6	☐	500.000	504.922	54086.20	0.0060	P	0.5
7	☐	1000.000	991.618	110403.19	0.0118	P	1.6
8	☐			123.61	0.0000	P	27.4

$$y = 1.1924\text{E-}005 * x + 3.3016\text{E-}006$$

$$R = 0.9998$$

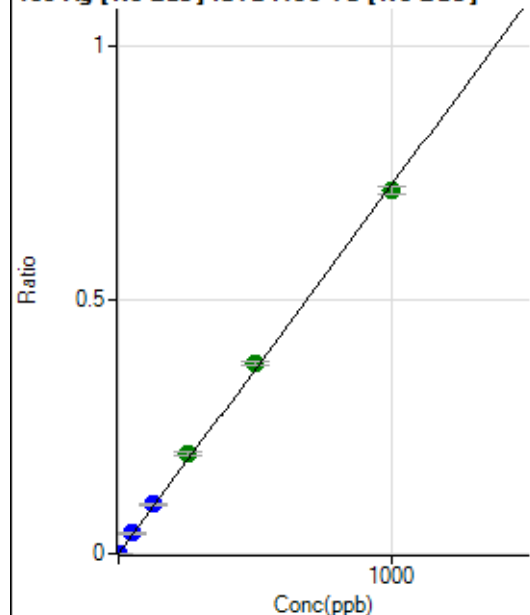
$$DL = 0.4821$$

$$BEC = 0.2769$$

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	88.89	0.0000	P	48.5
2	☐	1.000	1.080	7224.34	0.0008	P	2.3
3	☐	50.000	54.967	359571.54	0.0399	P	1.3
4	☐	125.000	134.165	883645.19	0.0974	P	1.9
5	☐	250.000	271.871	1758603.71	0.1974	A	3.3
6	☐	500.000	517.197	3371203.03	0.3755	A	1.3
7	☐	1000.000	984.540	6671690.34	0.7147	A	2.0
8	☐			1528.08	0.0002	P	32.7

$$y = 7.2594\text{E-}004 * x + 1.0067\text{E-}005$$

$$R = 0.9995$$

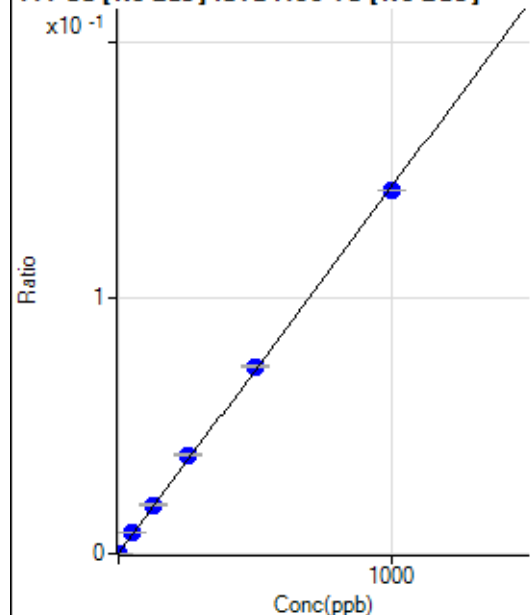
$$DL = 0.02018$$

$$BEC = 0.01387$$

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	739.71	0.0001	P	4.4
2	☐	1.000	1.078	2166.21	0.0002	P	4.5
3	☐	50.000	54.703	71483.34	0.0079	P	0.4
4	☐	125.000	132.791	173654.08	0.0191	P	1.3
5	☐	250.000	269.388	345272.34	0.0387	P	2.2
6	☐	500.000	509.776	657620.55	0.0732	P	1.0
7	☐	1000.000	989.056	1325880.17	0.1420	P	0.1
8	☐			1323.61	0.0002	P	12.4

$$y = 1.4352\text{E-}004 * x + 8.3550\text{E-}005$$

$$R = 0.9997$$

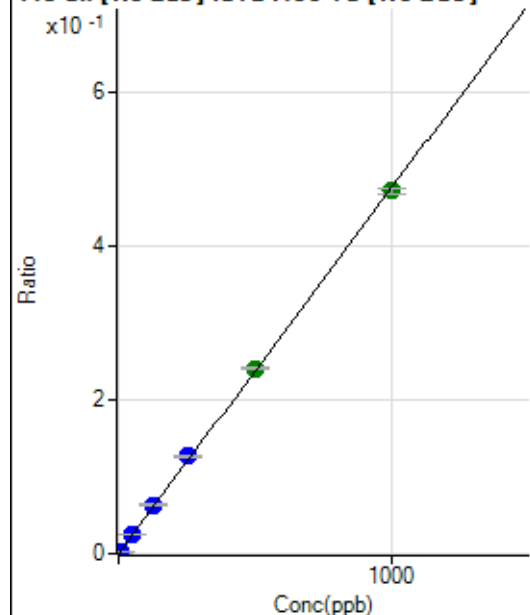
$$DL = 0.07751$$

$$BEC = 0.5822$$

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	913.97	0.0001	P	12.6
2	☐	5.000	5.049	22759.17	0.0025	P	1.3
3	☐	50.000	53.784	231153.02	0.0257	P	1.6
4	☐	125.000	133.080	574615.99	0.0633	P	1.6
5	☐	250.000	265.717	1125995.35	0.1264	P	2.6
6	☐	500.000	505.534	2157630.41	0.2403	A	1.2
7	☐	1000.000	992.104	4401593.80	0.4715	A	1.3
8	☐			3831.53	0.0005	P	12.2

$$y = 4.7518\text{E-}004 * x + 1.0310\text{E-}004$$

$$R = 0.9998$$

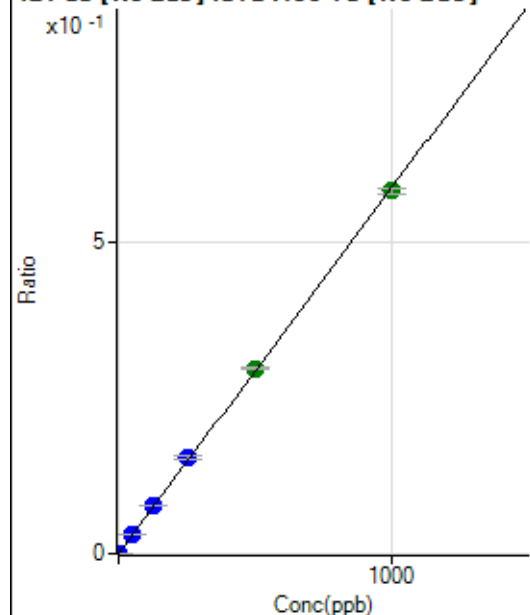
$$DL = 0.08173$$

$$BEC = 0.217$$

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	38.89	0.0000	P	33.8
2	☐	2.000	2.023	10840.68	0.0012	P	2.3
3	☐	50.000	53.119	281001.88	0.0312	P	0.6
4	☐	125.000	131.261	699172.26	0.0771	P	1.4
5	☐	250.000	262.623	1373832.84	0.1542	P	3.2
6	☐	500.000	507.185	2673650.88	0.2978	A	0.6
7	☐	1000.000	992.313	5438382.93	0.5826	A	1.5
8	☐			3451.06	0.0004	P	29.0

$$y = 5.8710\text{E-}004 * x + 4.4038\text{E-}006$$

$$R = 0.9999$$

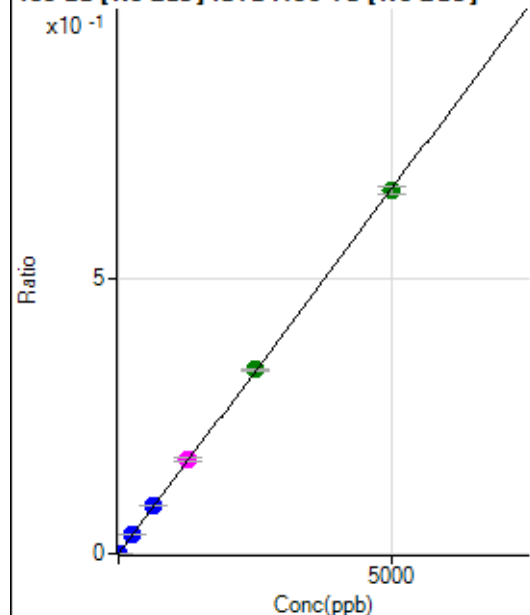
$$DL = 0.007615$$

$$BEC = 0.007501$$

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	72.22	0.0000	P	41.6
2	☐	10.000	9.604	11660.91	0.0013	P	8.1
3	☐	250.000	260.526	311802.51	0.0346	P	1.9
4	☐	625.000	650.700	784222.47	0.0864	P	1.2
5	☐	1250.000	1294.070	1531360.91	0.1719	M	4.3
6	☐	2500.000	2520.622	3006026.84	0.3348	A	1.6
7	☐	5000.000	4974.934	6168385.21	0.6608	A	2.0
8	☐			4809.67	0.0006	P	19.2

$$y = 1.3283\text{E-}004 * x + 8.1843\text{E-}006$$

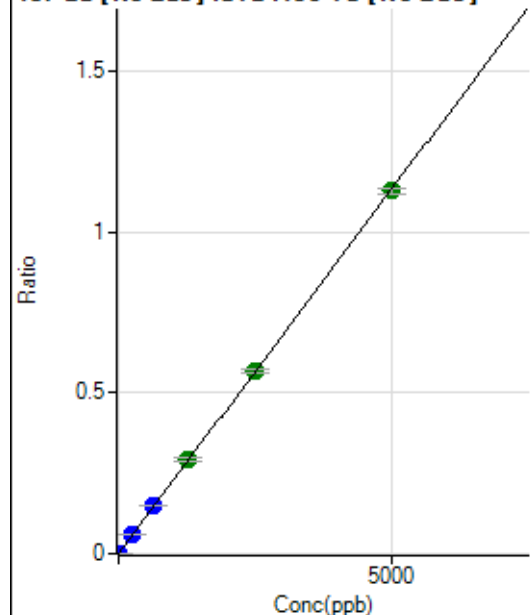
$$R = 0.9999$$

$$DL = 0.07696$$

$$BEC = 0.06162$$

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	61.11	0.0000	P	33.0
2	☐	10.000	9.932	20527.14	0.0023	P	6.7
3	☐	250.000	266.415	544346.14	0.0604	P	1.6
4	☐	625.000	660.218	1358369.93	0.1497	P	1.8
5	☐	1250.000	1296.029	2618956.64	0.2939	A	3.1
6	☐	2500.000	2508.282	5107289.04	0.5689	A	1.2
7	☐	5000.000	4979.129	10541077.23	1.1292	A	1.3
8	☐			8004.11	0.0010	P	18.9

$$y = 2.2679\text{E-}004 * x + 6.8801\text{E-}006$$

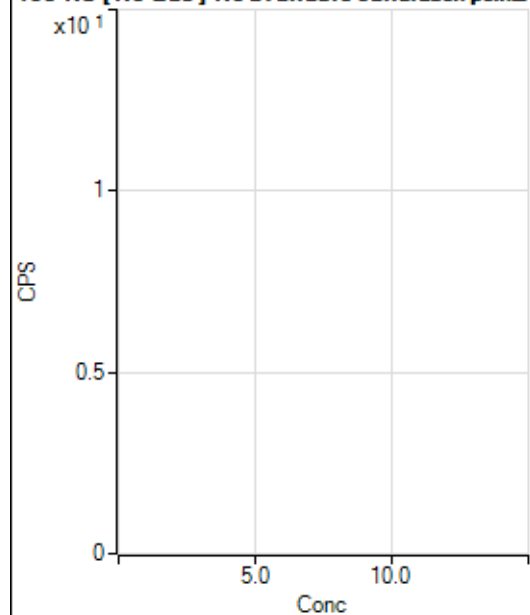
$$R = 0.9999$$

$$DL = 0.03008$$

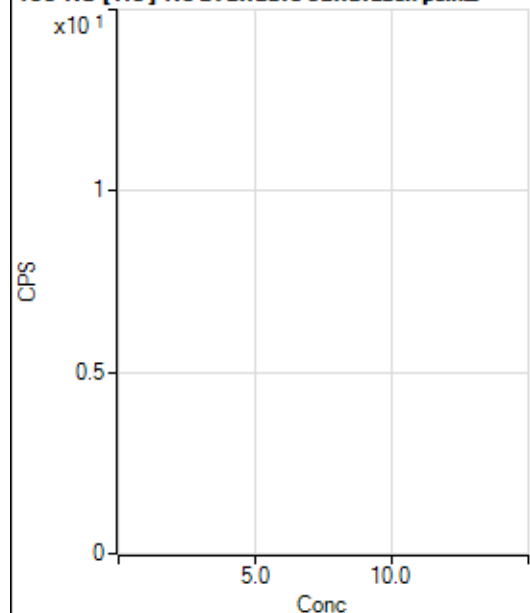
$$BEC = 0.03034$$

Weight: <None>

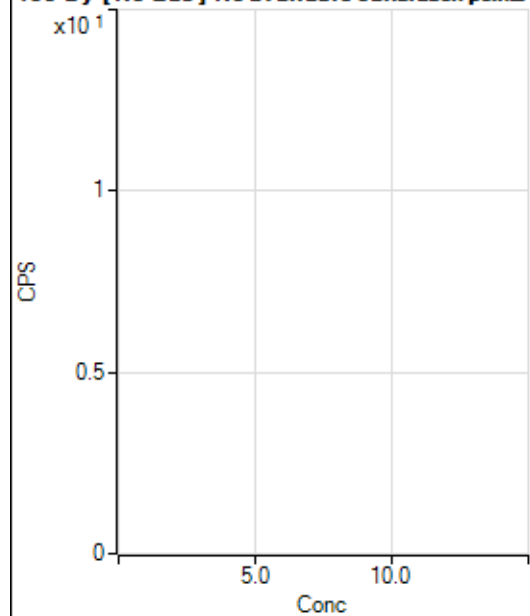
Min Conc: 0

150 Nd [No Gas] No available calibration points

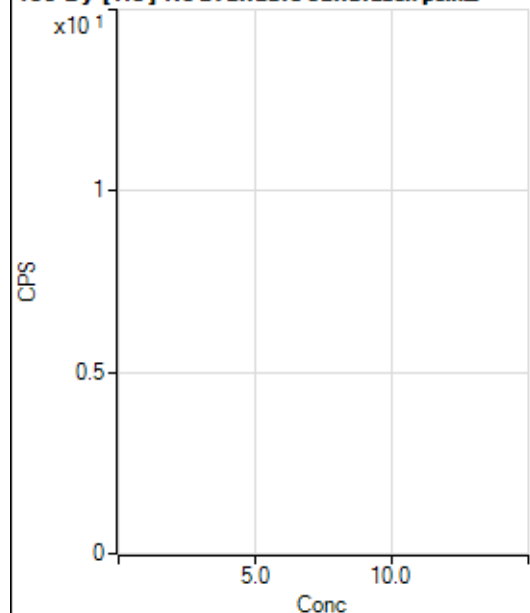
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			0.00		P	
3	☐			24.44		P	41.7
4	☐			77.78		P	17.8
5	☐			88.89		P	30.3
6	☐			137.78		P	32.2
7	☐			271.12		P	20.9
8	☐			224.45		P	15.2

150 Nd [He] No available calibration points

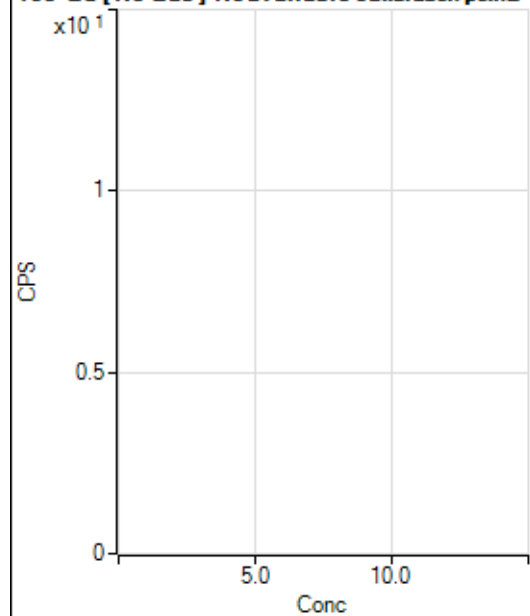
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			3.33		P	100.1
4	☐			1.11		P	173.2
5	☐			15.56		P	32.7
6	☐			12.22		P	56.8
7	☐			26.67		P	12.5
8	☐			70.00		P	17.2

156 Dy [No Gas] No available calibration points

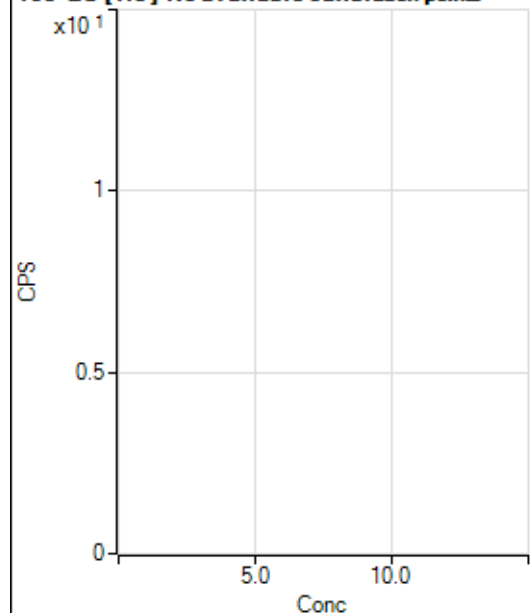
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐			8.33		P	100.0
3	☐			11.11		P	173.2
4	☐			69.45		P	6.9
5	☐			108.34		P	27.7
6	☐			205.56		P	41.0
7	☐			316.68		P	20.6
8	☐			1225.09		P	6.6

156 Dy [He] No available calibration points

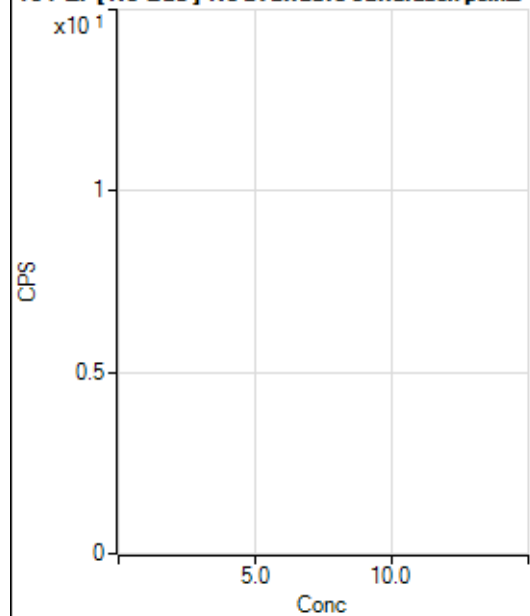
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			5.55		P	69.3
3	☐			14.44		P	58.1
4	☐			25.56		P	32.8
5	☐			70.00		P	41.2
6	☐			90.00		P	12.8
7	☐			178.89		P	20.6
8	☐			677.80		P	11.7

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

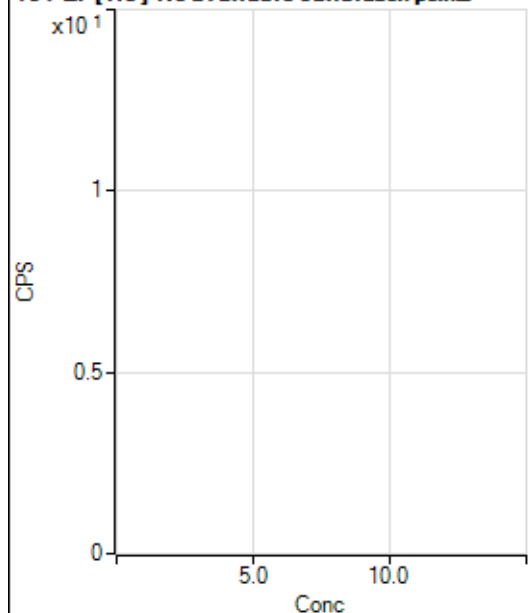
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	60.8
2	☐			83.33		P	34.6
3	☐			105.56		P	39.7
4	☐			100.00		P	33.3
5	☐			197.23		P	14.8
6	☐			200.01		P	14.4
7	☐			400.02		P	13.0
8	☐			1408.45		P	13.9

160 Gd [He] No available calibration points

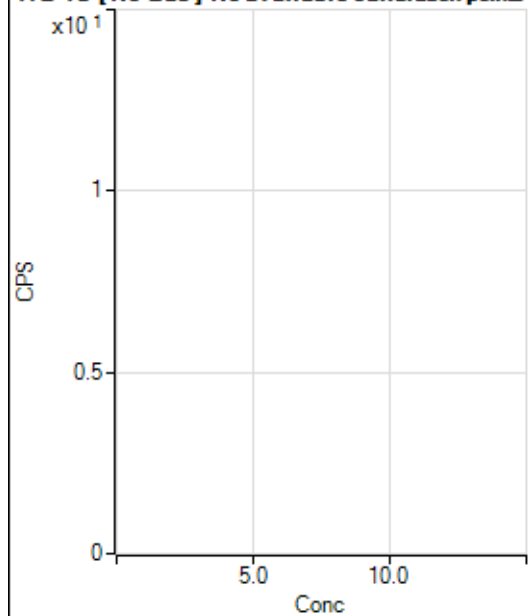
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			142.22		P	11.8
2	☐			138.89		P	22.3
3	☐			142.23		P	8.9
4	☐			126.67		P	32.0
5	☐			160.00		P	15.0
6	☐			184.45		P	13.1
7	☐			268.89		P	9.3
8	☐			852.26		P	5.6

164 Er [No Gas] No available calibration points

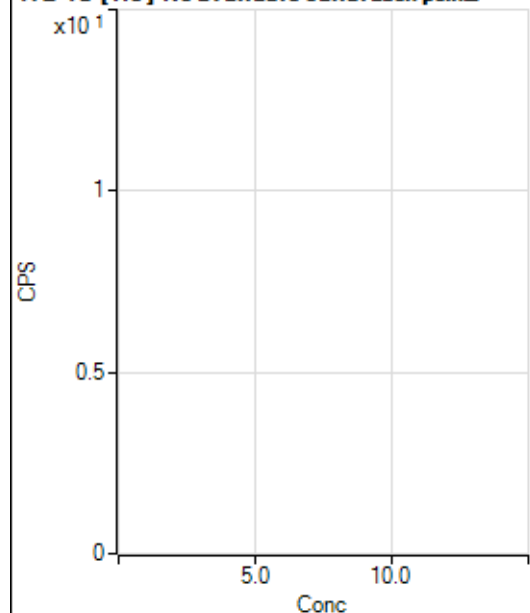
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	41.7
2	☐			58.34		P	57.1
3	☐			75.00		P	29.4
4	☐			69.45		P	45.4
5	☐			58.34		P	0.0
6	☐			122.23		P	3.9
7	☐			127.78		P	3.8
8	☐			225.01		P	19.6

164 Er [He] No available calibration points

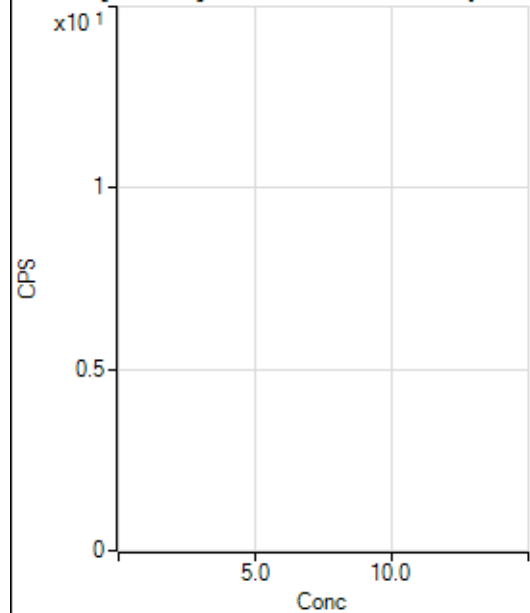
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			30.00		P	33.3
3	☐			25.56		P	30.1
4	☐			32.22		P	15.8
5	☐			28.89		P	52.0
6	☐			30.00		P	44.4
7	☐			44.45		P	43.9
8	☐			101.11		P	12.5

172 Yb [No Gas] No available calibration points

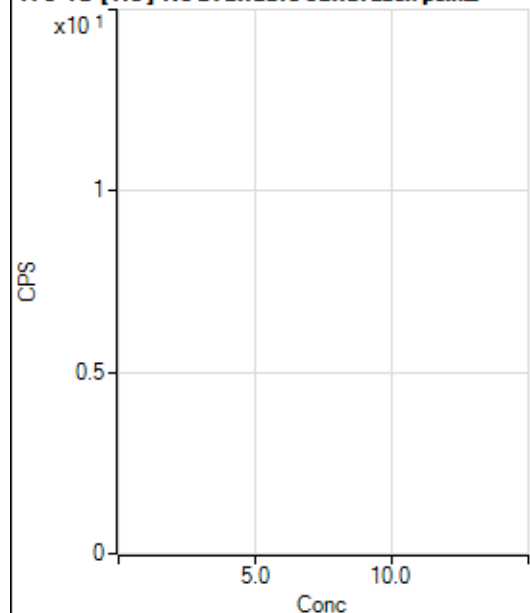
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	66.2
2	☐			66.67		P	45.1
3	☐			50.00		P	28.9
4	☐			50.00		P	16.7
5	☐			102.78		P	30.7
6	☐			127.78		P	26.4
7	☐			163.89		P	28.9
8	☐			158.34		P	19.0

172 Yb [He] No available calibration points

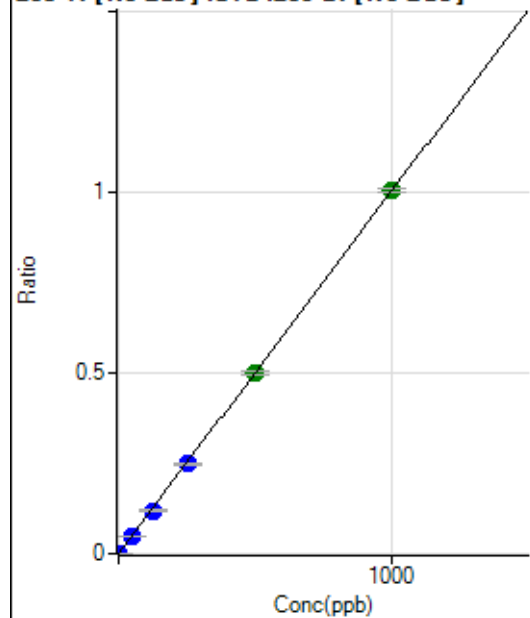
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.59		P	30.1
2	☐			31.48		P	36.7
3	☐			22.22		P	50.0
4	☐			38.89		P	14.3
5	☐			62.97		P	10.2
6	☐			42.59		P	19.9
7	☐			85.19		P	22.9
8	☐			83.34		P	0.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1352.88		P	3.2
2	☐			1458.46		P	5.2
3	☐			2525.31		P	8.9
4	☐			4539.82		P	1.3
5	☐			7399.47		P	1.5
6	☐			13404.39		P	2.4
7	☐			26195.88		P	2.7
8	☐			1252.87		P	5.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10380.15		P	1.1
2	☐			9935.37		P	2.4
3	☐			10591.54		P	9.5
4	☐			10747.14		P	5.0
5	☐			12153.92		P	1.1
6	☐			14621.25		P	0.8
7	☐			21631.01		P	1.7
8	☐			10148.51		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	297.24	0.0000	P	9.8
2	☐	1.000	0.918	5901.51	0.0010	P	5.7
3	☐	50.000	49.189	298141.98	0.0494	P	0.8
4	☐	125.000	119.192	741484.52	0.1196	P	2.5
5	☐	250.000	249.008	1481292.10	0.2497	P	1.9
6	☐	500.000	500.124	2988714.45	0.5015	A	2.3
7	☐	1000.000	1000.952	5999155.43	1.0037	A	1.2
8	☐			1816.98	0.0004	P	32.5

$$y = 0.0010 * x + 4.9481E-005$$

$$R = 1.0000$$

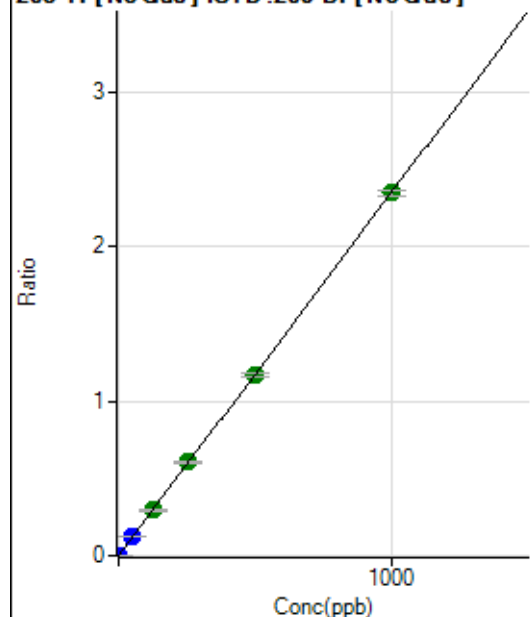
$$DL = 0.01458$$

$$BEC = 0.04935$$

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	588.92	0.0001	P	9.8
2	☐	1.000	0.971	14458.50	0.0024	P	1.3
3	☐	50.000	50.790	720215.98	0.1193	P	1.2
4	☐	125.000	125.805	1831287.74	0.2953	A	2.4
5	☐	250.000	258.017	3591799.69	0.6055	A	1.0
6	☐	500.000	497.769	6960485.14	1.1681	A	3.0
7	☐	1000.000	998.971	14010034.69	2.3441	A	1.3
8	☐			4573.77	0.0009	P	31.0

$$y = 0.0023 * x + 9.8059E-005$$

$$R = 1.0000$$

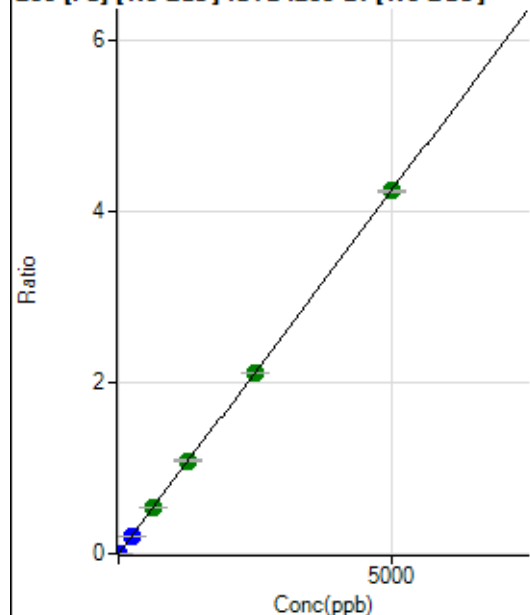
$$DL = 0.01229$$

$$BEC = 0.04179$$

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	807.45	0.0001	P	7.5
2	☐	1.000	0.891	5419.73	0.0009	P	8.7
3	☐	250.000	243.268	1247102.28	0.2065	P	1.7
4	☐	625.000	634.073	3337352.79	0.5381	A	1.8
5	☐	1250.000	1276.768	6426219.47	1.0834	A	2.2
6	☐	2500.000	2487.733	12581505.03	2.1108	A	0.8
7	☐	5000.000	4998.644	25352609.59	4.2412	A	0.5
8	☐			13651.35	0.0027	P	20.0

$$y = 8.4844E-004 * x + 1.3435E-004$$

$$R = 1.0000$$

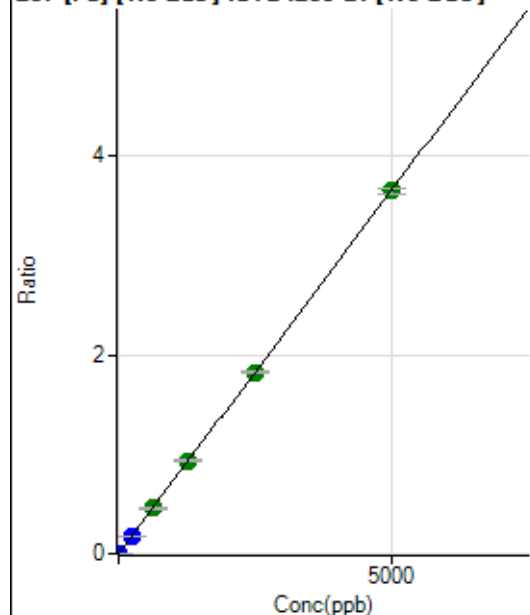
$$DL = 0.03543$$

$$BEC = 0.1584$$

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	748.18	0.0001	P	6.0
2	☐	1.000	0.920	4850.99	0.0008	P	1.3
3	☐	250.000	243.358	1074962.99	0.1780	P	1.6
4	☐	625.000	624.163	2830863.72	0.4564	A	1.4
5	☐	1250.000	1281.719	5558699.20	0.9371	A	1.0
6	☐	2500.000	2500.035	10894673.62	1.8277	A	0.4
7	☐	5000.000	4992.489	21815223.87	3.6498	A	1.9
8	☐			11476.60	0.0023	P	17.3

$$y = 7.3103\text{E-}004 * x + 1.2449\text{E-}004$$

$$R = 1.0000$$

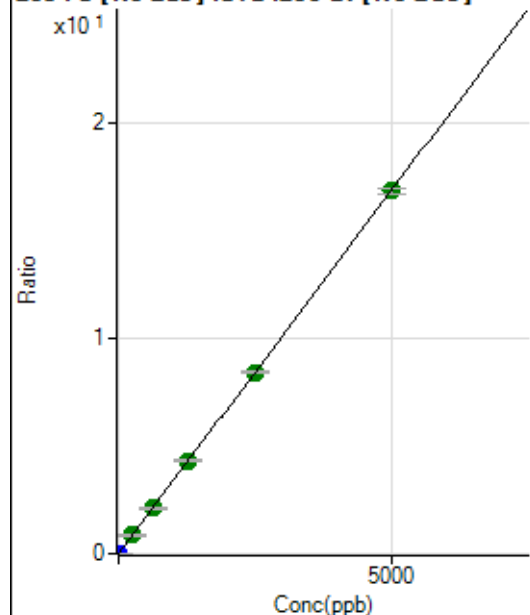
$$DL = 0.0304$$

$$BEC = 0.1703$$

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	3228.00	0.0005	P	3.8
2	☐	1.000	0.898	21724.09	0.0036	P	1.8
3	☐	250.000	251.494	5130374.86	0.8496	A	1.2
4	☐	625.000	626.673	13125581.25	2.1163	A	1.8
5	☐	1250.000	1277.390	25585445.36	4.3132	A	1.1
6	☐	2500.000	2499.972	50314205.63	8.4409	A	0.8
7	☐	5000.000	4992.883	100760272.6	16.8573	A	1.3
8	☐			53621.20	0.0106	P	18.8

$$y = 0.0034 * x + 5.3720\text{E-}004$$

$$R = 1.0000$$

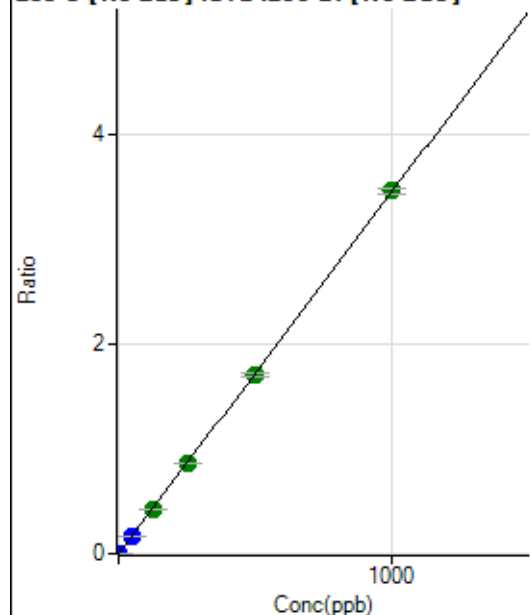
$$DL = 0.01805$$

$$BEC = 0.1591$$

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	63.89	0.0000	P	41.3
2	☐	1.000	0.913	19240.07	0.0032	P	2.8
3	☐	50.000	48.220	1005293.88	0.1665	P	1.3
4	☐	125.000	121.244	2596599.17	0.4186	A	1.3
5	☐	250.000	248.042	5079852.20	0.8563	A	0.2
6	☐	500.000	493.658	10156087.81	1.7043	A	2.5
7	☐	1000.000	1004.219	20720694.21	3.4669	A	1.5
8	☐			4901.81	0.0010	P	43.8

$$y = 0.0035 * x + 1.0606E-005$$

$$R = 1.0000$$

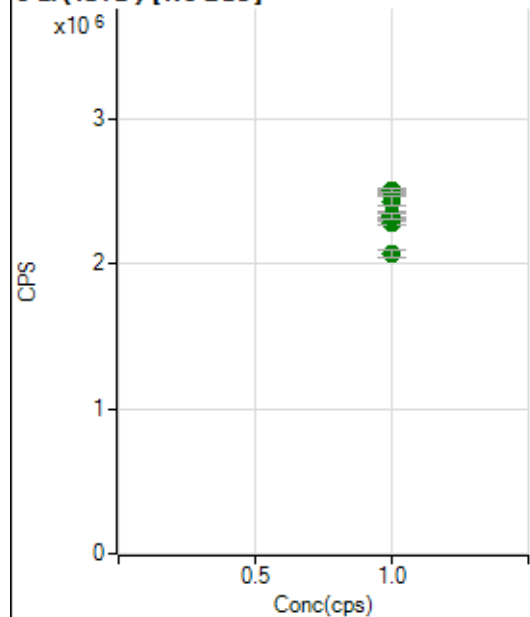
$$DL = 0.003803$$

$$BEC = 0.003072$$

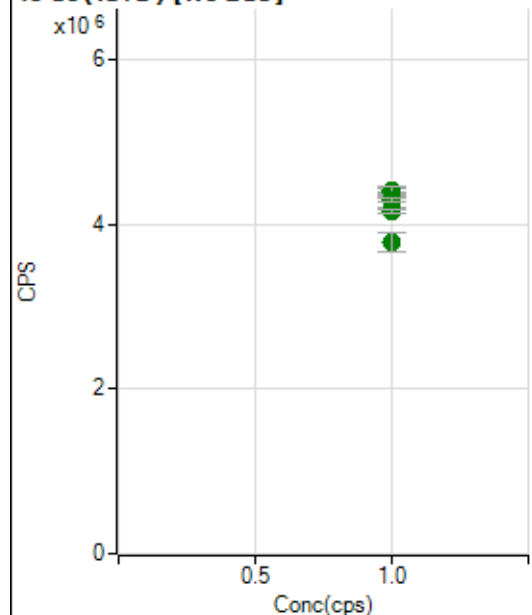
Weight: <None>

Min Conc: 0

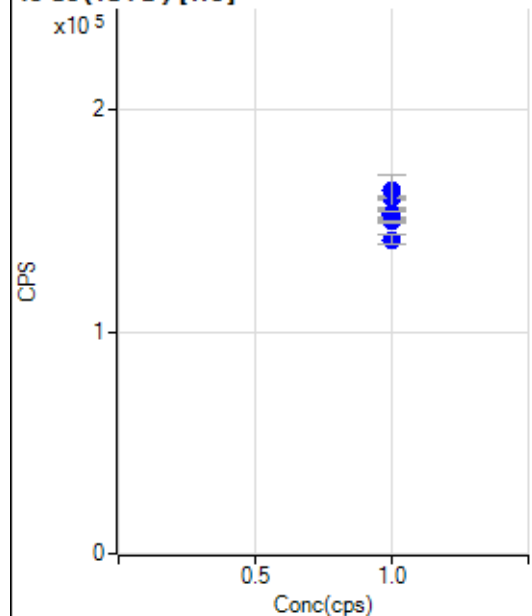
6 Li (ISTD) [No Gas]



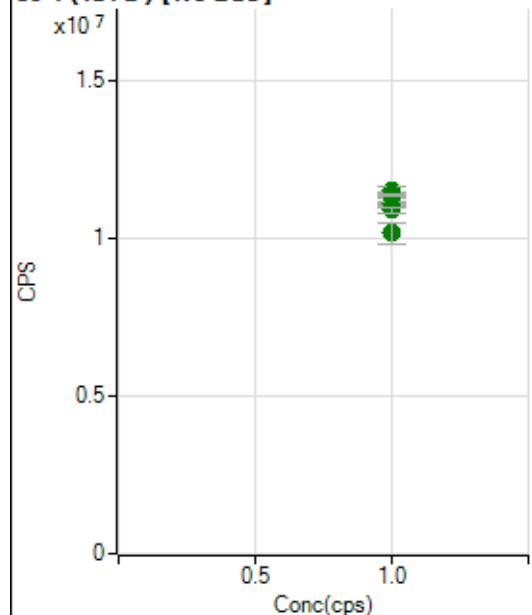
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2477962.86		A	0.4
2	☐	1.000		2500106.19		A	1.2
3	☐	1.000		2506960.91		A	1.1
4	☐	1.000		2435463.98		A	3.0
5	☐	1.000		2339789.17		A	1.6
6	☐	1.000		2279779.41		A	1.2
7	☐	1.000		2329428.75		A	1.4
8	☐	1.000		2073593.51		A	2.8

45 Sc (ISTD) [No Gas]

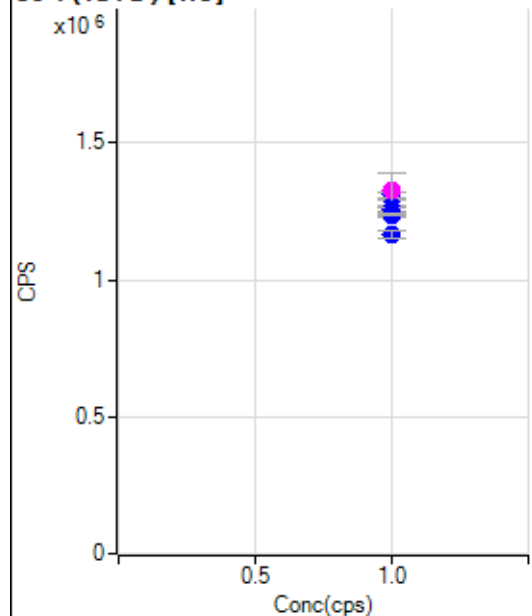
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4367957.57		A	1.1
2	☐	1.000		4397102.96		A	1.3
3	☐	1.000		4401182.33		A	2.2
4	☐	1.000		4406595.11		A	2.9
5	☐	1.000		4170016.64		A	1.9
6	☐	1.000		4157291.92		A	1.6
7	☐	1.000		4298368.79		A	1.0
8	☐	1.000		3775028.45		A	6.2

45 Sc (ISTD) [He]

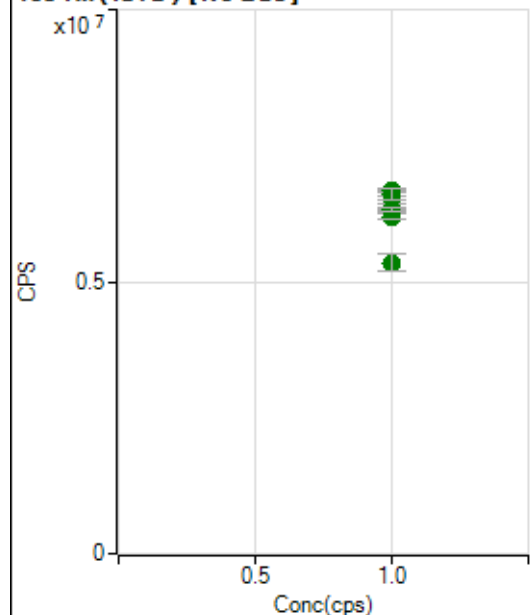
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		160110.81		P	0.6
2	☐	1.000		160723.52		P	0.6
3	☐	1.000		163676.74		P	9.2
4	☐	1.000		153388.85		P	2.4
5	☐	1.000		150166.14		P	0.5
6	☐	1.000		141793.29		P	2.7
7	☐	1.000		152932.44		P	1.6
8	☐	1.000		149815.15		P	0.4

89 Y (ISTD) [No Gas]

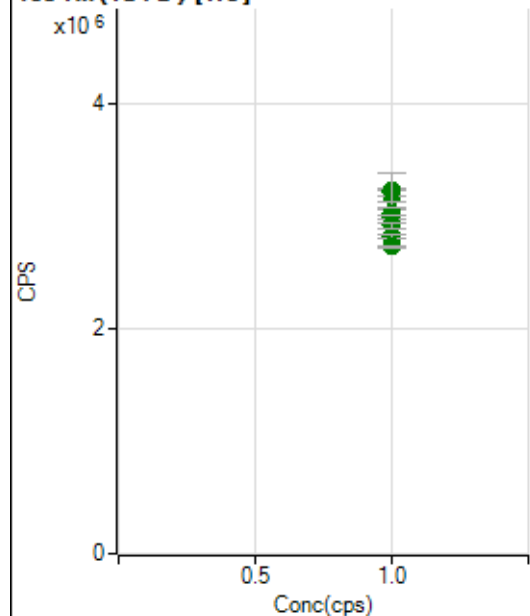
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11190193.31		A	1.2
2	☐	1.000		11372514.00		A	1.7
3	☐	1.000		11508487.05		A	2.2
4	☐	1.000		11412699.56		A	1.1
5	☐	1.000		11103128.44		A	0.6
6	☐	1.000		10895567.06		A	1.8
7	☐	1.000		11376077.61		A	0.7
8	☐	1.000		10177956.24		A	6.7

89 Y (ISTD) [He]

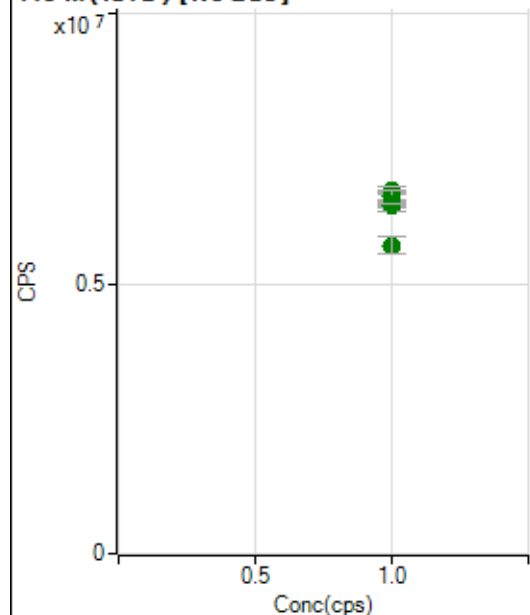
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1296333.89		P	0.7
2	☐	1.000		1308877.71		P	1.5
3	☐	1.000		1324072.17		M	9.7
4	☐	1.000		1253197.23		P	3.2
5	☐	1.000		1235804.25		P	1.4
6	☐	1.000		1165244.71		P	2.1
7	☐	1.000		1255419.67		P	1.3
8	☐	1.000		1240737.74		P	0.7

103 Rh (ISTD) [No Gas]

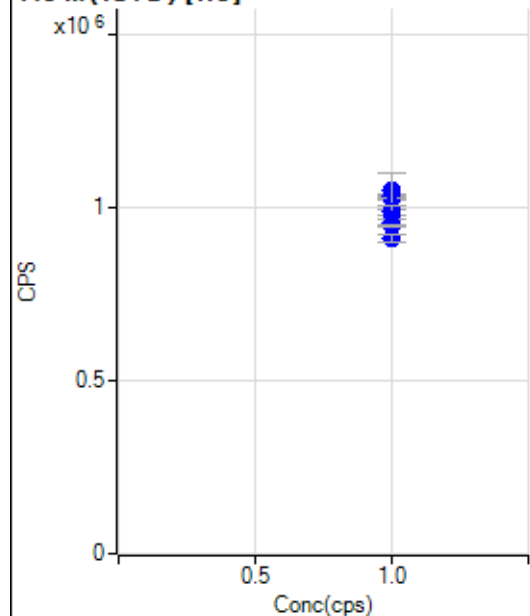
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6661959.13		A	0.7
2	☐	1.000		6669815.39		A	1.2
3	☐	1.000		6503758.39		A	2.3
4	☐	1.000		6613333.35		A	2.9
5	☐	1.000		6308085.60		A	1.1
6	☐	1.000		6198059.90		A	1.4
7	☐	1.000		6332926.23		A	0.9
8	☐	1.000		5355714.49		A	5.4

103 Rh (ISTD) [He]

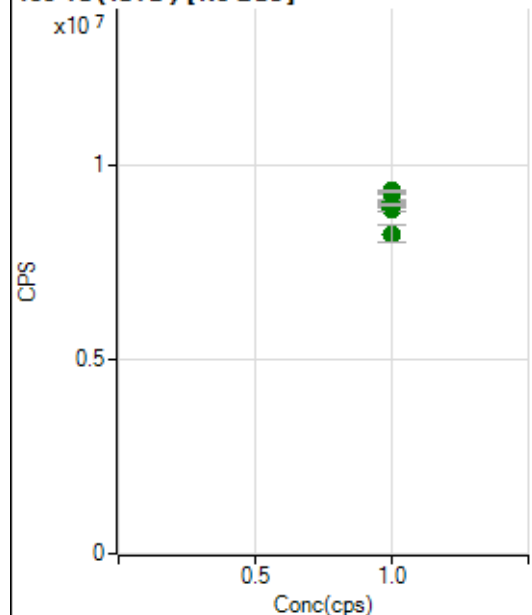
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3173386.90		A	3.3
2	☐	1.000		3211408.84		A	2.4
3	☐	1.000		3221262.87		A	9.7
4	☐	1.000		3022606.07		A	3.1
5	☐	1.000		2987262.11		A	0.9
6	☐	1.000		2812683.22		A	1.3
7	☐	1.000		2912315.06		A	1.9
8	☐	1.000		2723973.26		A	1.0

115 In (ISTD) [No Gas]

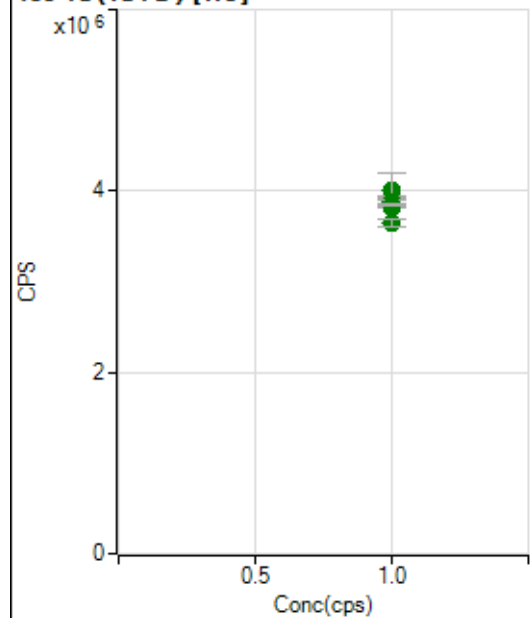
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6619089.88		A	2.0
2	☐	1.000		6718172.01		A	2.2
3	☐	1.000		6617801.78		A	2.2
4	☐	1.000		6620585.48		A	3.7
5	☐	1.000		6433093.46		A	0.8
6	☐	1.000		6427667.43		A	2.7
7	☐	1.000		6489801.62		A	0.2
8	☐	1.000		5712205.74		A	5.3

115 In (ISTD) [He]

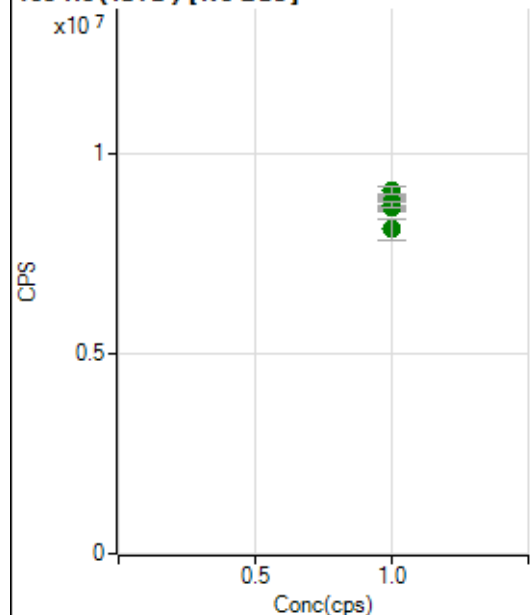
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1028896.55		P	1.4
2	☐	1.000		1035491.77		P	1.3
3	☐	1.000		1048896.13		P	10.3
4	☐	1.000		991184.97		P	2.7
5	☐	1.000		967657.18		P	0.4
6	☐	1.000		913826.05		P	2.5
7	☐	1.000		956811.12		P	2.1
8	☐	1.000		950237.28		P	0.7

159 Tb (ISTD) [No Gas]

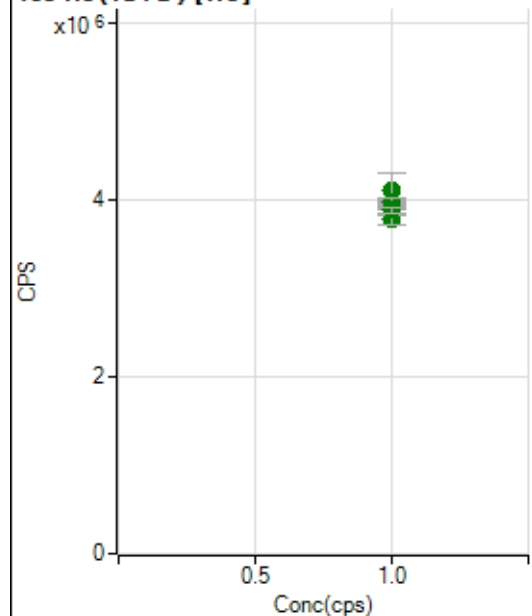
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8856966.60		A	1.3
2	☐	1.000		9098527.23		A	3.3
3	☐	1.000		9009164.52		A	0.8
4	☐	1.000		9073015.00		A	1.2
5	☐	1.000		8913503.62		A	1.9
6	☐	1.000		8978738.13		A	0.9
7	☐	1.000		9335077.43		A	0.4
8	☐	1.000		8231106.27		A	5.5

159 Tb (ISTD) [He]

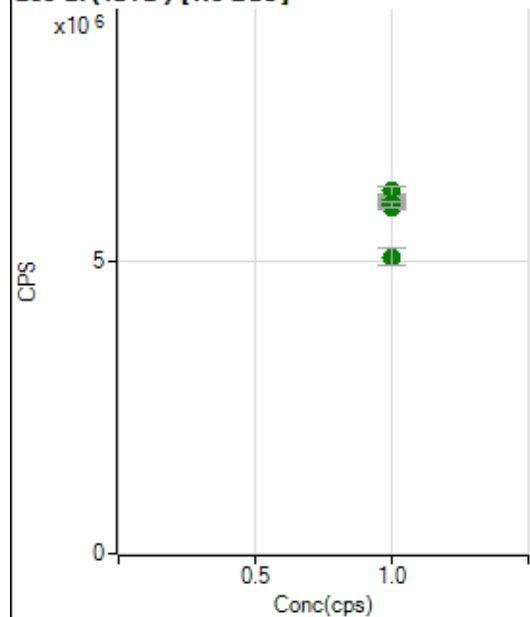
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3891688.52		A	1.4
2	☐	1.000		3938204.11		A	0.9
3	☐	1.000		4003497.44		A	9.5
4	☐	1.000		3874109.07		A	1.3
5	☐	1.000		3826376.92		A	0.3
6	☐	1.000		3654402.48		A	2.1
7	☐	1.000		3856529.59		A	2.2
8	☐	1.000		3846085.36		A	0.6

165 Ho (ISTD) [No Gas]

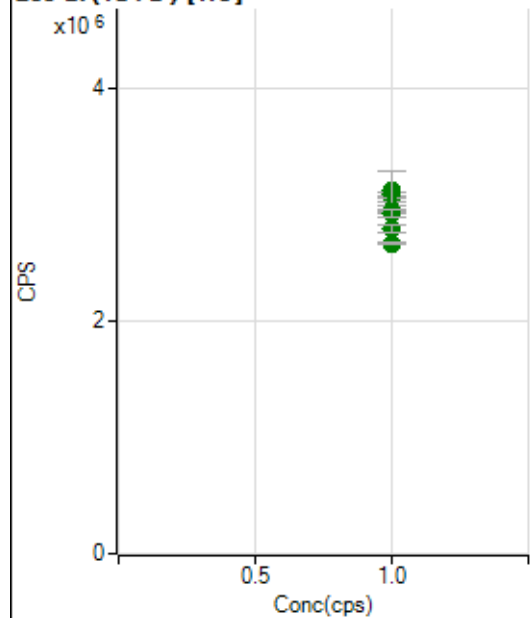
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8655590.82		A	1.9
2	☐	1.000		8829667.82		A	2.1
3	☐	1.000		8839266.52		A	0.5
4	☐	1.000		8818465.65		A	3.2
5	☐	1.000		8664694.90		A	0.9
6	☐	1.000		8729093.60		A	1.8
7	☐	1.000		9090693.09		A	2.0
8	☐	1.000		8121469.63		A	6.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3979166.26		A	1.5
2	☐	1.000		3973821.78		A	0.6
3	☐	1.000		4094410.60		A	9.6
4	☐	1.000		3908844.87		A	3.1
5	☐	1.000		3907687.23		A	1.2
6	☐	1.000		3767284.56		A	2.8
7	☐	1.000		3967892.37		A	2.3
8	☐	1.000		3881180.54		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6007518.18		A	1.0
2	☐	1.000		6085214.49		A	1.7
3	☐	1.000		6038926.30		A	1.2
4	☐	1.000		6203954.49		A	2.6
5	☐	1.000		5932043.31		A	0.8
6	☐	1.000		5961080.12		A	2.0
7	☐	1.000		5977751.65		A	1.9
8	☐	1.000		5076881.91		A	5.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3052426.62		A	1.5
2	☐	1.000		3086087.14		A	1.6
3	☐	1.000		3119984.12		A	10.7
4	☐	1.000		2943744.61		A	3.0
5	☐	1.000		2941172.53		A	0.7
6	☐	1.000		2801093.29		A	2.4
7	☐	1.000		2924098.88		A	2.0
8	☐	1.000		2669975.31		A	1.0