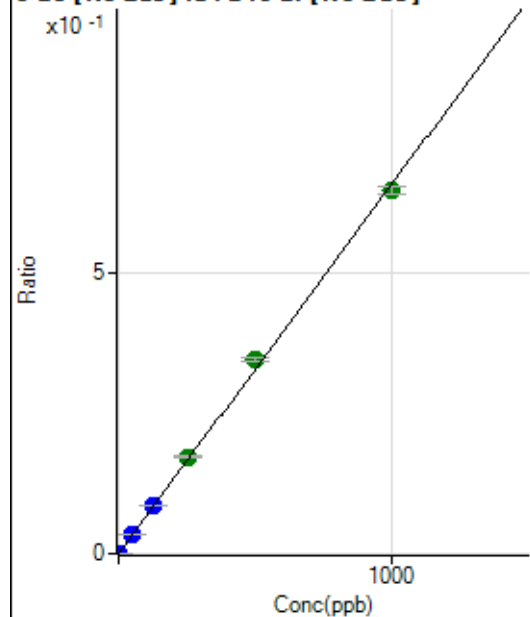


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011625MS-3.b\
 Analysis File: P8011625MS-3.batch.bin
 DA Date-Time: 2025-01-29 11:50:33
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-16 15:03:41
2	006CALS.d	S02	2025-01-16 15:10:25
3	007CALB.d	S03	2025-01-16 15:13:46
4	008CALS.d	S04	2025-01-16 15:16:53
5	009CALS.d	S05	2025-01-16 15:19:50
6	010CALS.d	S06	2025-01-16 15:22:43
7	011CALS.d	S07	2025-01-16 15:25:28
8	012CALS.d	S08	2025-01-16 15:28:15

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296.63	0.0000	P	7.1
2	☐	1.000	1.064	6572.74	0.0007	P	2.2
3	☐	50.000	51.269	303859.58	0.0338	P	2.0
4	☐	125.000	131.804	752795.06	0.0868	P	1.0
5	☐	250.000	261.499	1462567.33	0.1722	A	2.4
6	☐	500.000	525.874	2817588.66	0.3463	A	2.3
7	☐	1000.000	983.274	5249432.58	0.6474	A	2.3
8	☐			1379.90	0.0002	P	10.6

$$y = 6.5842\text{E-}004 * x + 3.3300\text{E-}005$$

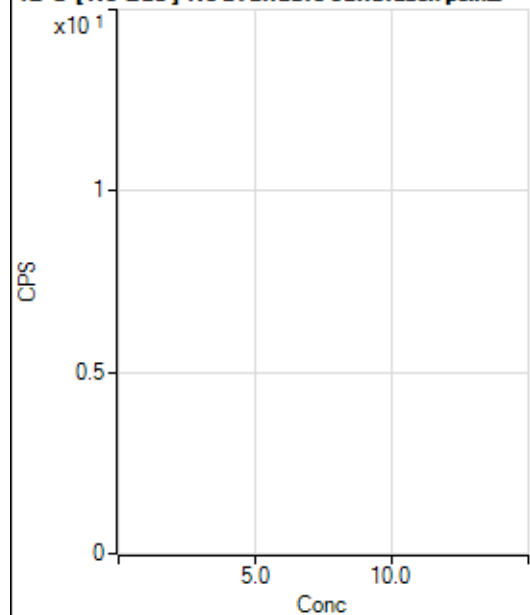
$$R = 0.9994$$

$$DL = 0.01072$$

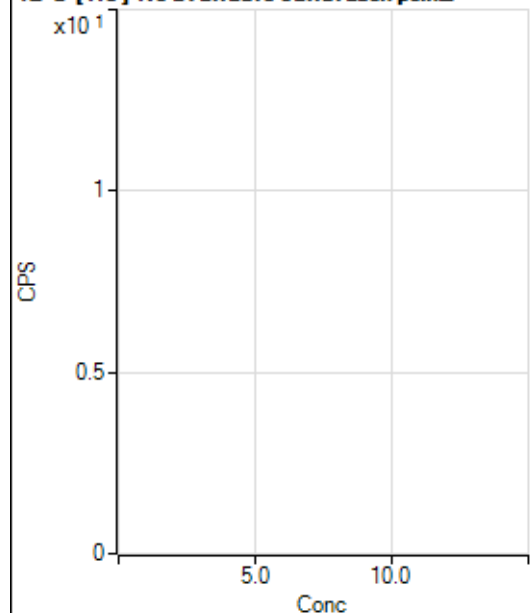
$$BEC = 0.05058$$

Weight: <None>

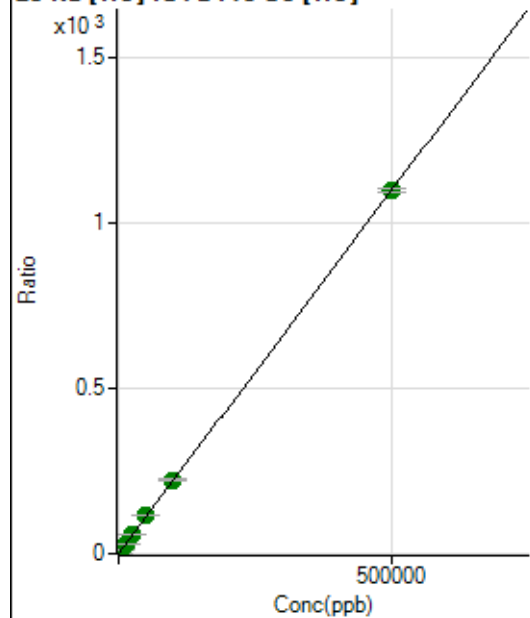
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3058788.53		A	0.3
2	☐			3173057.59		A	0.1
3	☐			3711282.76		A	2.3
4	☐			3532672.76		A	0.4
5	☐			3677526.51		A	1.5
6	☐			3789067.23		A	2.6
7	☐			4078513.17		A	1.8
8	☐			3315397.69		A	1.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21581.45		P	1.4
2	☐			22539.56		P	0.9
3	☐			27487.99		P	0.8
4	☐			25765.91		P	0.7
5	☐			27013.77		P	1.5
6	☐			29734.49		P	1.0
7	☐			32350.03		P	1.0
8	☐			31389.04		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19465.27	0.0978	P	1.7
2	☐	500.000	564.748	266574.90	1.3373	P	1.3
3	☐	5000.000	5447.010	2392480.88	12.0530	A	0.5
4	☐	12500.000	13516.873	5896569.50	29.7648	A	1.4
5	☐	25000.000	26640.368	11550957.05	58.5683	A	1.4
6	☐	50000.000	52575.960	22964948.27	115.4919	A	0.3
7	☐	100000.00	101315.07	44572308.78	222.4648	A	1.3
8	☐	500000.00	499367.41	187181441.6	1,096.112	A	1.1

$$y = 0.0022 * x + 0.0978$$

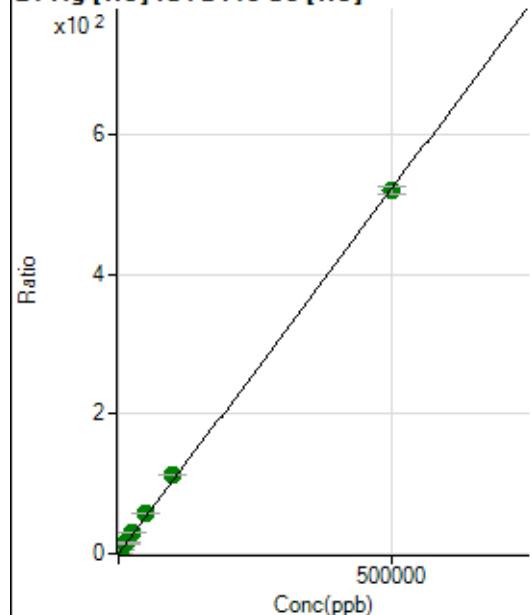
$$R = 1.0000$$

$$DL = 2.326$$

$$BEC = 44.58$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	436.68	0.0022	P	3.4
2	☐	500.000	615.153	128364.15	0.6439	P	0.6
3	☐	5000.000	5895.809	1221276.47	6.1529	A	0.5
4	☐	12500.000	14530.193	3003623.04	15.1605	A	1.1
5	☐	25000.000	28791.096	5924398.73	30.0379	A	0.6
6	☐	50000.000	56456.651	11711697.18	58.8993	A	0.5
7	☐	100000.00	108160.55	22608443.83	112.8382	A	0.6
8	☐	500000.00	497472.84	88614668.68	518.9794	A	2.0

$$y = 0.0010 * x + 0.0022$$

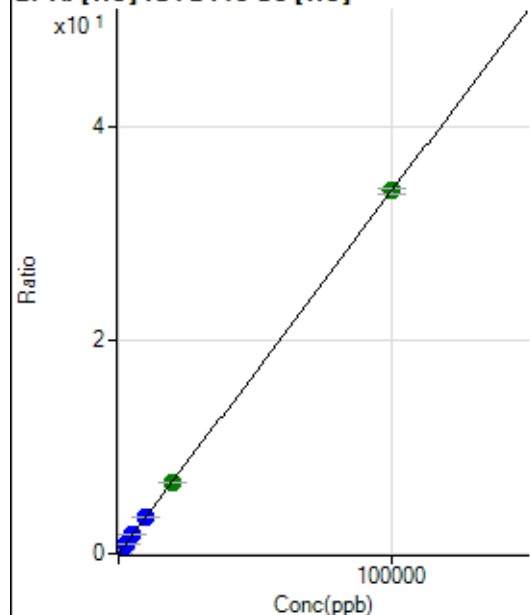
$$R = 0.9998$$

$$DL = 0.217$$

$$BEC = 2.104$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	96.67	0.0005	P	12.7
2	☐	20.000	21.997	1586.77	0.0080	P	3.5
3	☐	1000.000	1047.626	70760.89	0.3565	P	1.1
4	☐	2500.000	2610.297	175826.24	0.8876	P	1.7
5	☐	5000.000	5133.861	344189.40	1.7452	P	1.0
6	☐	10000.000	10090.547	681932.43	3.4296	P	1.1
7	☐	20000.000	19494.601	1327574.94	6.6255	A	1.2
8	☐	100000.00	100082.09	5807932.97	34.0121	A	1.5

$$y = 3.3984E-004 * x + 4.8595E-004$$

$$R = 1.0000$$

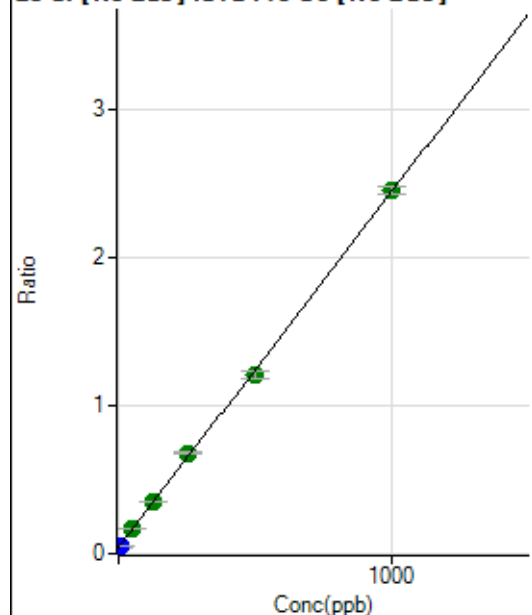
$$DL = 0.5446$$

$$BEC = 1.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	437826.39	0.0428	P	1.9
2	☐	10.000	3.356	522199.57	0.0508	P	2.9
3	☐	50.000	54.309	1769542.45	0.1732	A	0.9
4	☐	125.000	128.837	3613469.32	0.3521	A	0.9
5	☐	250.000	266.132	6930793.58	0.6817	A	0.5
6	☐	500.000	485.105	11955074.96	1.2074	A	3.8
7	☐	1000.000	1002.786	24816471.30	2.4501	A	2.0
8	☐			541820.35	0.0619	P	2.1

$$y = 0.0024 * x + 0.0428$$

R = 0.9996

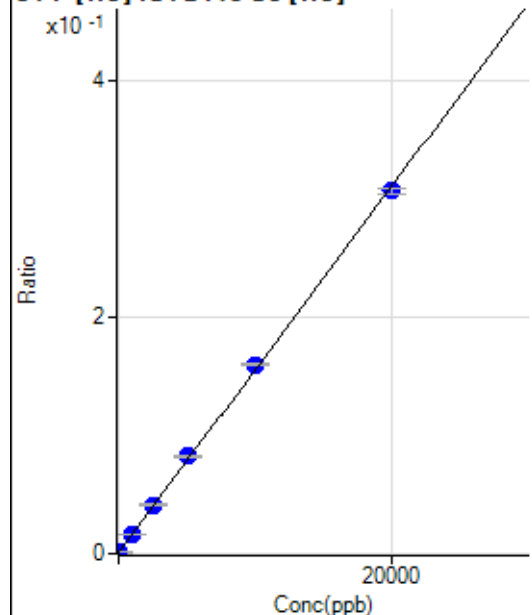
DL = 0.9996

BEC = 17.82

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-19.526	84.45	0.0004	P	20.7
2	☐	0.000	19.526	205.56	0.0010	P	17.2
3	☐	1000.000	1022.498	3290.41	0.0166	P	2.1
4	☐	2500.000	2603.978	8140.13	0.0411	P	2.8
5	☐	5000.000	5305.854	16364.89	0.0830	P	1.9
6	☐	10000.000	10285.952	31849.41	0.1602	P	1.4
7	☐	20000.000	19766.438	61538.61	0.3072	P	1.5
8	☐			76.67	0.0004	P	18.2

$$y = 1.5502E-005 * x + 7.2761E-004$$

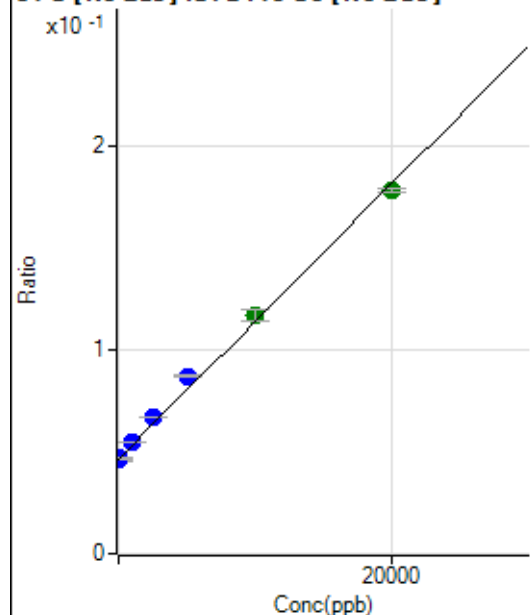
R = 0.9997

DL = 25.69

BEC = 46.94

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-69.875	471467.88	0.0461	P	1.7
2	☐	0.000	69.875	482918.71	0.0470	P	2.9
3	☐	1000.000	1244.594	561666.61	0.0550	P	0.8
4	☐	2500.000	3040.011	688698.32	0.0671	P	1.1
5	☐	5000.000	6031.432	887969.00	0.0873	P	1.1
6	☐	10000.000	10398.223	1156996.61	0.1169	A	4.7
7	☐	20000.000	19463.299	1804842.56	0.1782	A	1.2
8	☐			335785.39	0.0384	P	0.8

$$y = 6.7633E-006 * x + 0.0465$$

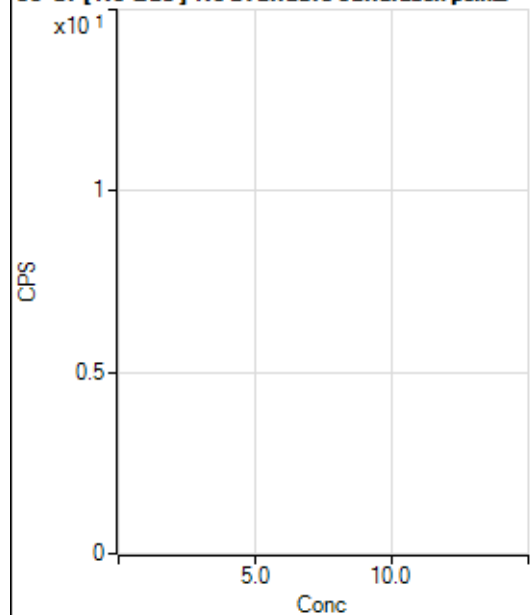
R = 0.9980

DL = 467.6

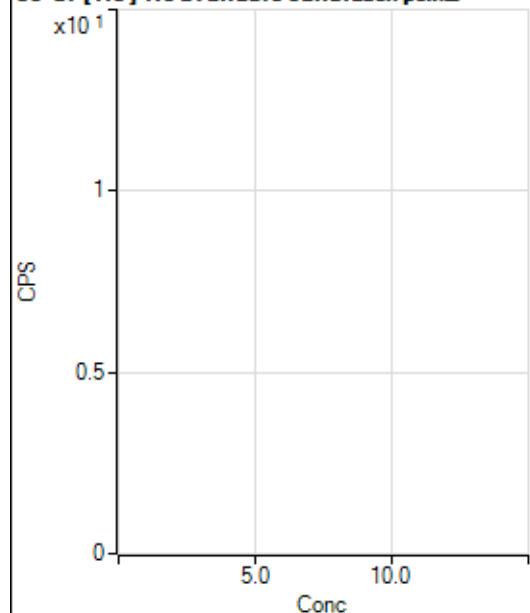
BEC = 6882

Weight: <None>

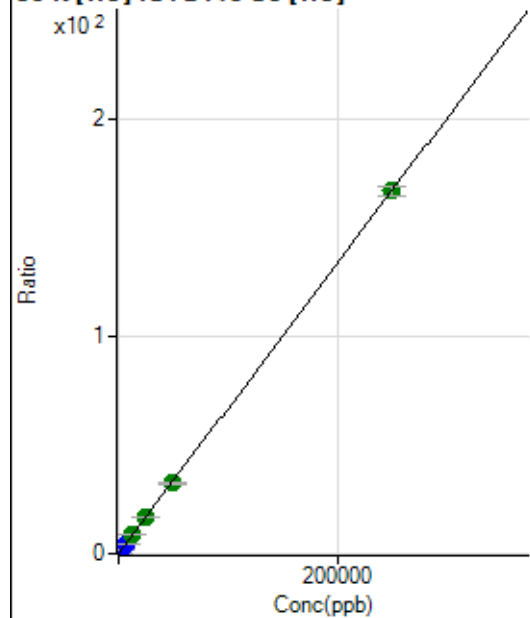
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			101476.70		P	0.7
2	☐			97752.65		P	0.8
3	☐			102875.32		P	0.7
4	☐			104543.81		P	0.5
5	☐			106636.70		P	0.5
6	☐			118465.34		P	0.9
7	☐			133468.23		P	1.6
8	☐			83703.49		P	2.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			393.35		P	8.9
2	☐			420.01		P	7.9
3	☐			425.57		P	8.7
4	☐			437.79		P	3.1
5	☐			442.24		P	9.8
6	☐			507.79		P	5.1
7	☐			678.91		P	4.0
8	☐			382.23		P	14.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7797.73	0.0392	P	3.4
2	☐	500.000	528.648	78065.02	0.3916	P	1.5
3	☐	2500.000	2562.824	346935.90	1.7479	P	0.7
4	☐	6250.000	6425.239	856458.52	4.3231	P	0.9
5	☐	12500.000	12904.217	1704578.24	8.6428	A	1.1
6	☐	25000.000	25587.232	3399982.21	17.0989	A	0.7
7	☐	50000.000	48549.156	6493444.83	32.4083	A	0.9
8	☐	250000.00	250206.16	28488880.69	166.8590	A	2.7

$$y = 6.6673E-004 * x + 0.0392$$

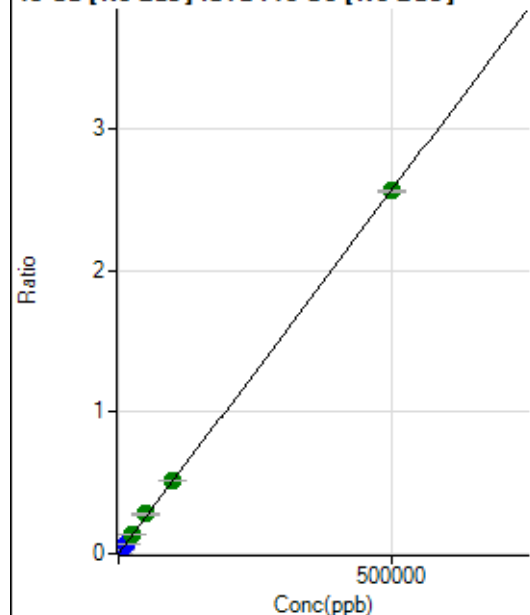
$$R = 1.0000$$

$$DL = 5.91$$

$$BEC = 58.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	563.35	0.0001	P	10.0
2	☐	500.000	540.731	29008.19	0.0028	P	5.0
3	☐	5000.000	5261.890	276000.19	0.0270	P	2.5
4	☐	12500.000	13175.349	693328.44	0.0676	P	1.5
5	☐	25000.000	26160.899	1363377.67	0.1341	A	0.2
6	☐	50000.000	54549.856	2768287.98	0.2795	A	3.4
7	☐	100000.00	100603.94	5221706.24	0.5155	A	1.2
8	☐	500000.00	499346.63	22371510.78	2.5585	A	0.4

$$y = 5.1235E-006 * x + 5.5075E-005$$

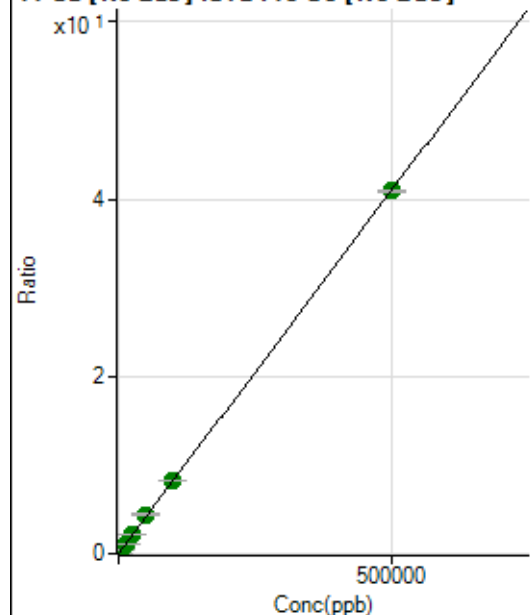
$$R = 1.0000$$

$$DL = 3.215$$

$$BEC = 10.75$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10869.75	0.0011	P	3.0
2	☐	500.000	539.049	464196.76	0.0452	P	3.8
3	☐	5000.000	5175.322	4340509.07	0.4249	A	3.1
4	☐	12500.000	12966.008	10907578.31	1.0628	A	1.2
5	☐	25000.000	26115.165	21752868.71	2.1396	A	1.4
6	☐	50000.000	53624.084	43489914.91	4.3923	A	4.0
7	☐	100000.00	100315.13	83219680.43	8.2157	A	1.1
8	☐	500000.00	499505.36	357654696.8	40.9050	A	0.6

$$y = 8.1889E-005 * x + 0.0011$$

$$R = 1.0000$$

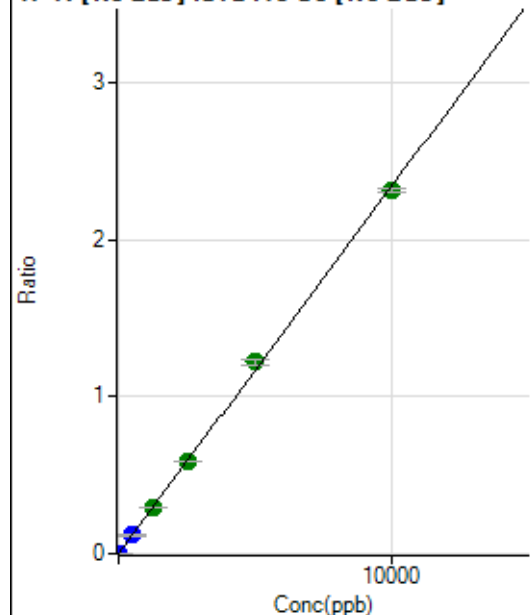
$$DL = 1.165$$

$$BEC = 12.97$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	165.56	0.0000	P	20.4
2	☐	5.000	5.292	12884.76	0.0013	P	1.5
3	☐	500.000	503.097	1202685.20	0.1177	P	2.3
4	☐	1250.000	1267.402	3043153.46	0.2965	A	0.9
5	☐	2500.000	2523.127	6001695.40	0.5903	A	0.5
6	☐	5000.000	5223.586	12102232.04	1.2221	A	3.3
7	☐	10000.000	9880.095	23413455.20	2.3114	A	1.0
8	☐			8473.70	0.0010	P	5.3

$$y = 2.3395E-004 * x + 1.6211E-005$$

$$R = 0.9996$$

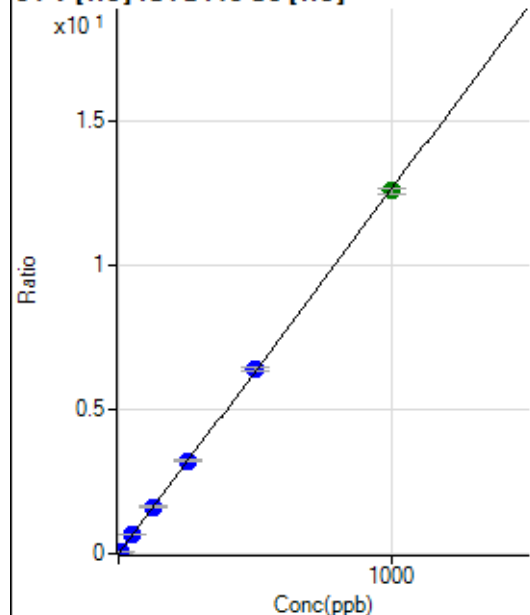
$$DL = 0.0424$$

$$BEC = 0.06929$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0001	P	34.6
2	☐	5.000	5.135	12940.40	0.0649	P	2.2
3	☐	50.000	50.934	127728.86	0.6435	P	0.5
4	☐	125.000	129.176	323305.16	1.6319	P	0.8
5	☐	250.000	255.543	636683.26	3.2282	P	1.2
6	☐	500.000	506.173	1271428.81	6.3944	P	1.1
7	☐	1000.000	994.958	2518246.04	12.5690	A	1.3
8	☐			431.12	0.0025	P	13.6

$$y = 0.0126 * x + 5.5834E-005$$

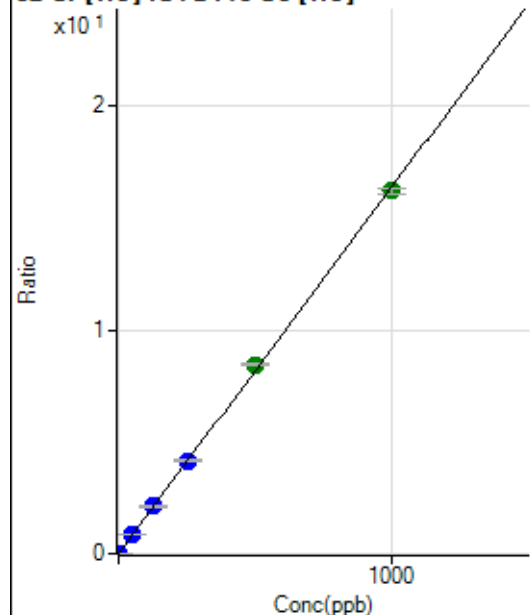
$$R = 1.0000$$

$$DL = 0.004588$$

$$BEC = 0.00442$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	481.12	0.0024	P	2.7
2	☐	2.000	2.127	7418.65	0.0372	P	1.8
3	☐	50.000	51.335	167225.19	0.8425	P	0.5
4	☐	125.000	128.545	417206.22	2.1060	P	1.4
5	☐	250.000	253.640	819067.41	4.1531	P	1.4
6	☐	500.000	515.973	1679358.29	8.4460	A	1.3
7	☐	1000.000	990.594	3248180.26	16.2129	A	1.9
8	☐			5750.89	0.0336	P	10.6

$$y = 0.0164 * x + 0.0024$$

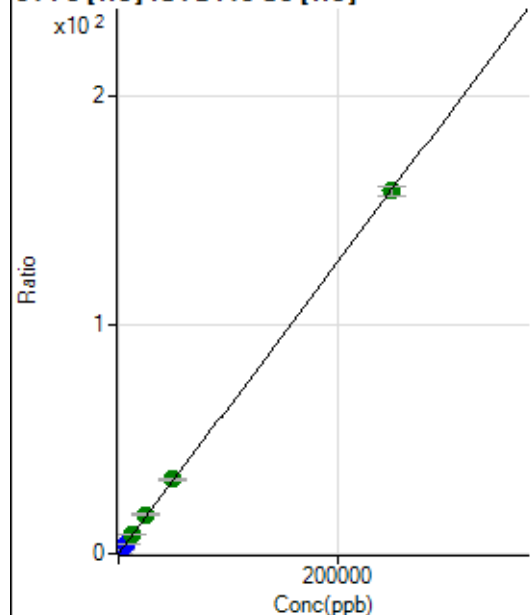
$$R = 0.9998$$

$$DL = 0.01194$$

$$BEC = 0.1477$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	334.45	0.0017	P	11.9
2	☐	50.000	59.716	7886.70	0.0396	P	2.3
3	☐	2500.000	2750.621	346628.82	1.7464	P	0.8
4	☐	6250.000	6907.067	868275.32	4.3827	P	1.0
5	☐	12500.000	13752.642	1720966.28	8.7248	A	1.2
6	☐	25000.000	26862.173	3387971.79	17.0400	A	2.4
7	☐	50000.000	51341.504	6524633.31	32.5669	A	2.1
8	☐	250000.00	249463.91	27016511.82	158.2334	A	2.7

$$y = 6.3429E-004 * x + 0.0017$$

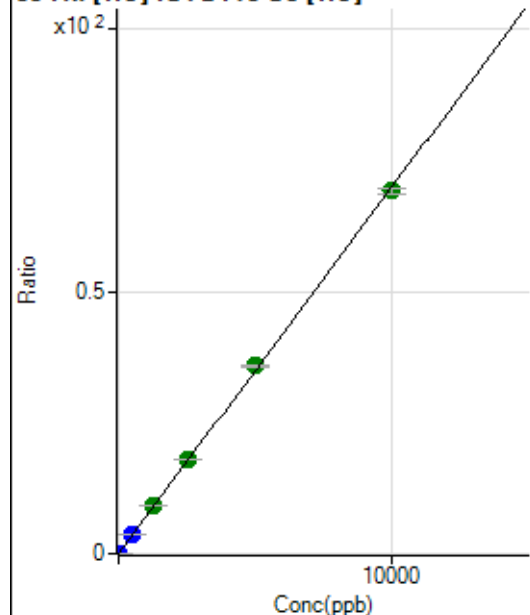
$$R = 1.0000$$

$$DL = 0.9461$$

$$BEC = 2.648$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	153.34	0.0008	P	4.9
2	☐	1.000	1.012	1562.33	0.0078	P	4.4
3	☐	500.000	518.349	718719.24	3.6210	P	1.3
4	☐	1250.000	1318.308	1824251.43	9.2082	A	1.0
5	☐	2500.000	2588.293	3565716.72	18.0781	A	0.4
6	☐	5000.000	5121.689	7112585.52	35.7719	A	1.4
7	☐	10000.000	9907.627	13863842.85	69.1981	A	1.6
8	☐			4411.83	0.0258	P	4.3

$$y = 0.0070 * x + 7.7041E-004$$

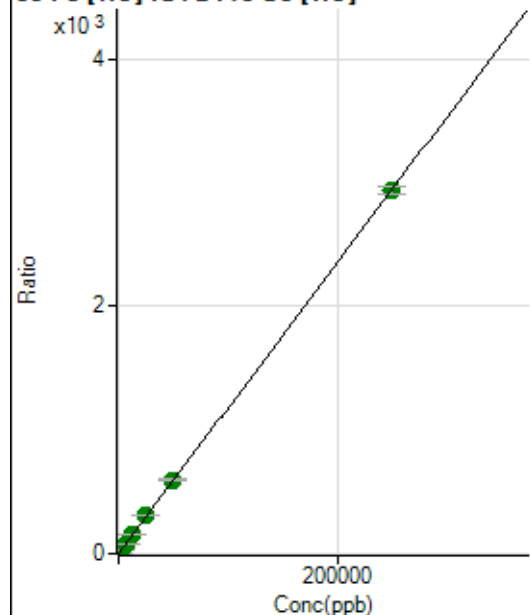
$$R = 0.9998$$

$$DL = 0.0162$$

$$BEC = 0.1103$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4634.14	0.0233	P	1.5
2	☐	50.000	56.660	137402.88	0.6893	P	1.1
3	☐	2500.000	2716.552	6342557.89	31.9560	A	1.7
4	☐	6250.000	6793.796	15825465.18	79.8834	A	1.4
5	☐	12500.000	13382.316	31029137.04	157.3306	A	1.2
6	☐	25000.000	26498.636	61941694.08	311.5111	A	0.9
7	☐	50000.000	50929.476	119950178.2	598.6922	A	1.2
8	☐	250000.00	249604.36	500985636.9	2,934.088	A	2.1

$$y = 0.0118 * x + 0.0233$$

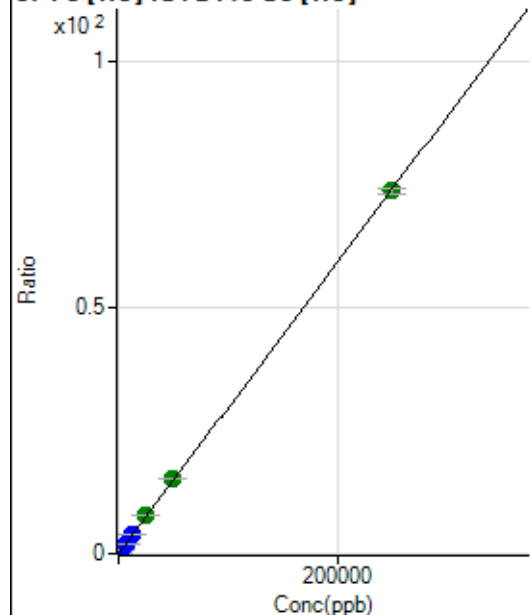
$$R = 1.0000$$

$$DL = 0.08709$$

$$BEC = 1.981$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	122.22	0.0006	P	25.2
2	☐	50.000	57.257	3499.36	0.0176	P	3.3
3	☐	2500.000	2684.672	157801.23	0.7950	P	1.1
4	☐	6250.000	6773.010	397191.75	2.0048	P	0.5
5	☐	12500.000	13317.312	777304.92	3.9413	P	1.2
6	☐	25000.000	26787.030	1576138.34	7.9270	A	1.6
7	☐	50000.000	51539.633	3055722.90	15.2514	A	1.0
8	☐	250000.00	249457.58	12604755.65	73.8162	A	1.6

$$y = 2.9590E-004 * x + 6.1460E-004$$

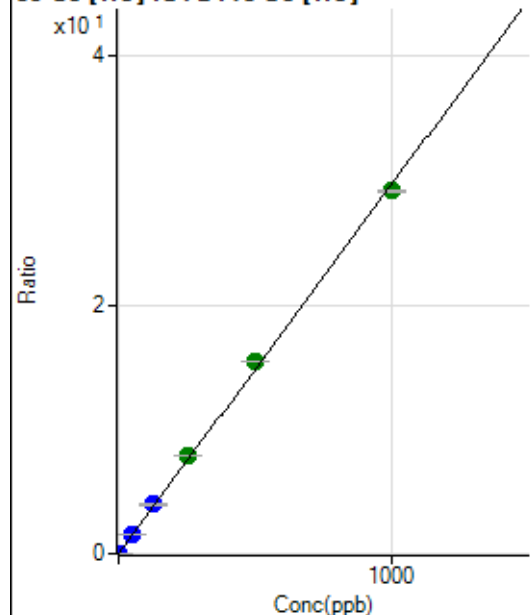
R = 1.0000

DL = 1.568

BEC = 2.077

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	103.34	0.0005	P	11.4
2	☐	1.000	1.114	6689.41	0.0336	P	2.7
3	☐	50.000	52.931	311809.36	1.5710	P	1.8
4	☐	125.000	133.175	782888.53	3.9518	P	1.5
5	☐	250.000	267.737	1566923.60	7.9443	A	0.3
6	☐	500.000	522.532	3082915.79	15.5041	A	0.3
7	☐	1000.000	983.131	5844521.93	29.1701	A	0.7
8	☐			10596.24	0.0621	P	2.5

$$y = 0.0297 * x + 5.1925E-004$$

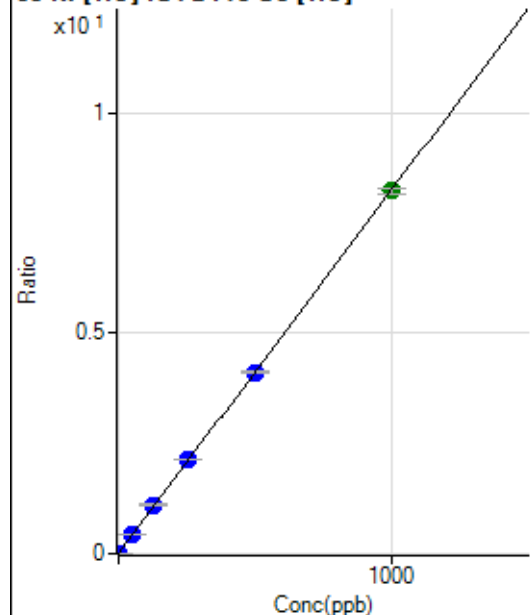
R = 0.9994

DL = 0.005968

BEC = 0.0175

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1222.29	0.0061	P	3.1
2	☐	1.000	1.120	3062.59	0.0154	P	1.5
3	☐	50.000	52.554	87099.91	0.4388	P	0.8
4	☐	125.000	133.492	218947.72	1.1052	P	1.3
5	☐	250.000	257.356	419096.39	2.1250	P	1.0
6	☐	500.000	498.370	817066.76	4.1092	P	1.2
7	☐	1000.000	997.786	1647101.17	8.2209	A	1.7
8	☐			6471.54	0.0379	P	2.4

$$y = 0.0082 * x + 0.0061$$

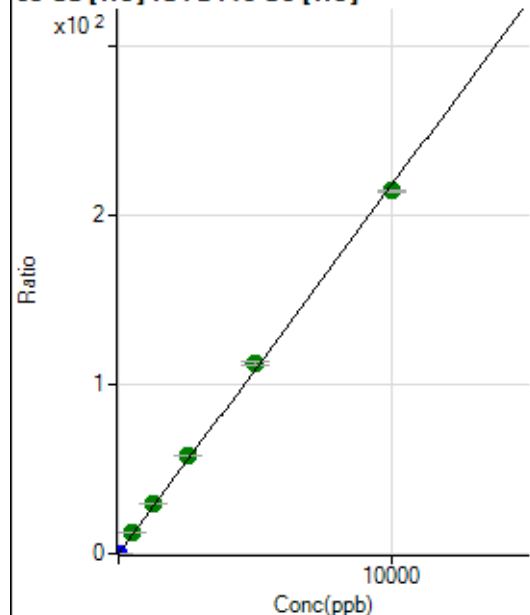
$$R = 0.9999$$

$$DL = 0.06856$$

$$BEC = 0.7462$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4365.15	0.0219	P	1.9
2	☐	2.000	2.232	14055.92	0.0705	P	2.2
3	☐	500.000	553.506	2395292.05	12.0673	A	0.2
4	☐	1250.000	1370.503	5913121.37	29.8467	A	0.8
5	☐	2500.000	2668.085	11455853.44	58.0846	A	0.8
6	☐	5000.000	5180.343	22418726.89	112.7562	A	2.1
7	☐	10000.000	9850.069	42952822.14	214.3784	A	0.7
8	☐			11481.39	0.0672	P	1.9

$$y = 0.0218 * x + 0.0219$$

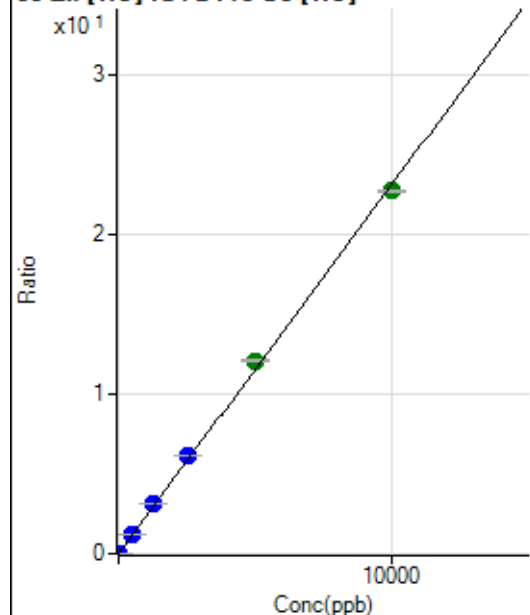
$$R = 0.9996$$

$$DL = 0.05629$$

$$BEC = 1.008$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	326.68	0.0016	P	20.3
2	☐	2.000	5.421	2826.97	0.0142	P	3.1
3	☐	500.000	533.850	245497.52	1.2368	P	0.6
4	☐	1250.000	1358.384	623004.12	3.1446	P	0.8
5	☐	2500.000	2646.497	1208030.49	6.1250	P	0.8
6	☐	5000.000	5216.851	2400401.04	12.0722	A	1.0
7	☐	10000.000	9839.709	4561873.96	22.7684	A	0.8
8	☐			5841.26	0.0342	P	3.1

$$y = 0.0023 * x + 0.0016$$

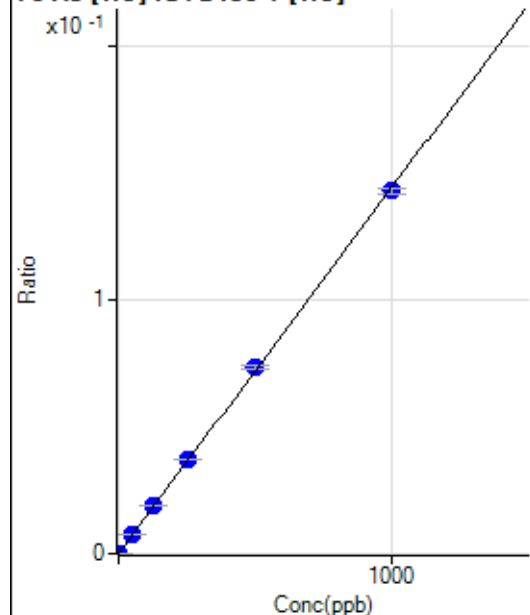
$$R = 0.9995$$

$$DL = 0.4318$$

$$BEC = 0.7091$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.8
2	☐	1.000	1.015	285.56	0.0001	P	8.9
3	☐	50.000	51.515	14213.93	0.0074	P	2.9
4	☐	125.000	131.461	36452.60	0.0190	P	1.0
5	☐	250.000	259.638	71728.04	0.0374	P	0.5
6	☐	500.000	509.416	141418.96	0.0735	P	1.9
7	☐	1000.000	991.999	275379.20	0.1431	P	1.3
8	☐			128.89	0.0001	P	39.0

$$y = 1.4422E-004 * x + 2.9211E-006$$

$$R = 0.9999$$

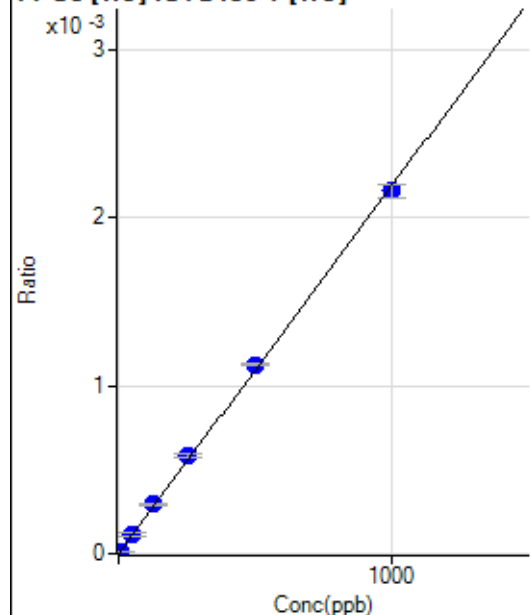
$$DL = 0.05576$$

$$BEC = 0.02025$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.298	22.22	0.0000	P	29.8
3	☐	50.000	51.865	216.67	0.0001	P	13.5
4	☐	125.000	135.345	568.91	0.0003	P	4.2
5	☐	250.000	266.333	1115.61	0.0006	P	3.2
6	☐	500.000	514.672	2166.86	0.0011	P	1.0
7	☐	1000.000	987.193	4153.99	0.0022	P	3.5
8	☐			0.00	0.0000	P	

$$y = 2.1866\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

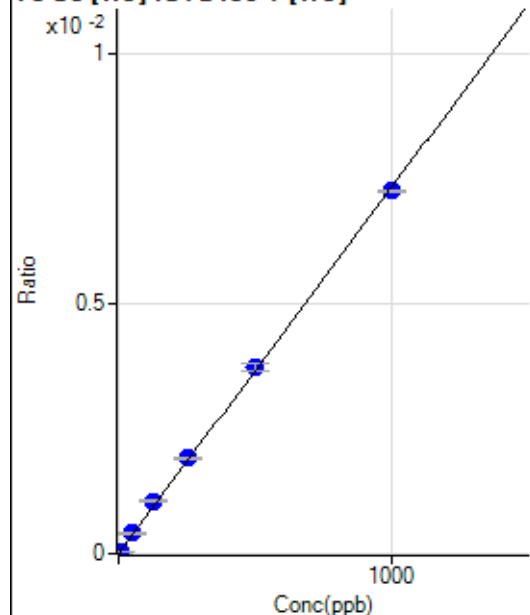
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.4
2	☐	5.000	6.578	96.67	0.0001	P	1.4
3	☐	50.000	54.987	775.59	0.0004	P	5.1
4	☐	125.000	142.837	2015.72	0.0010	P	4.7
5	☐	250.000	260.723	3663.85	0.0019	P	2.1
6	☐	500.000	508.153	7174.12	0.0037	P	3.6
7	☐	1000.000	990.756	13979.27	0.0073	P	0.8
8	☐			10.00	0.0000	P	58.6

$$y = 7.3277\text{E-}006 * x + 2.3353\text{E-}006$$

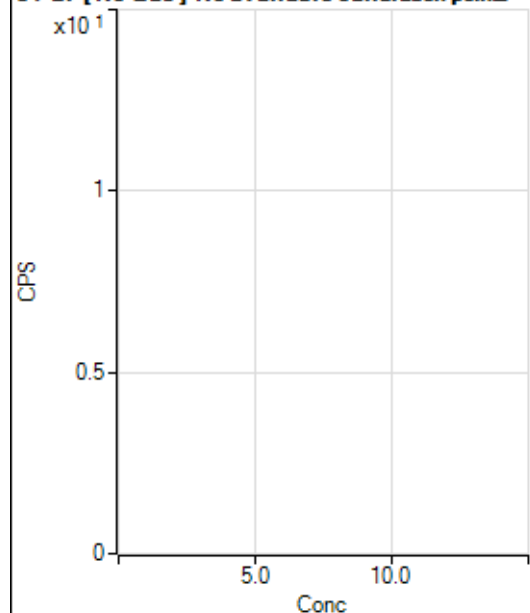
$$R = 0.9998$$

$$DL = 0.4153$$

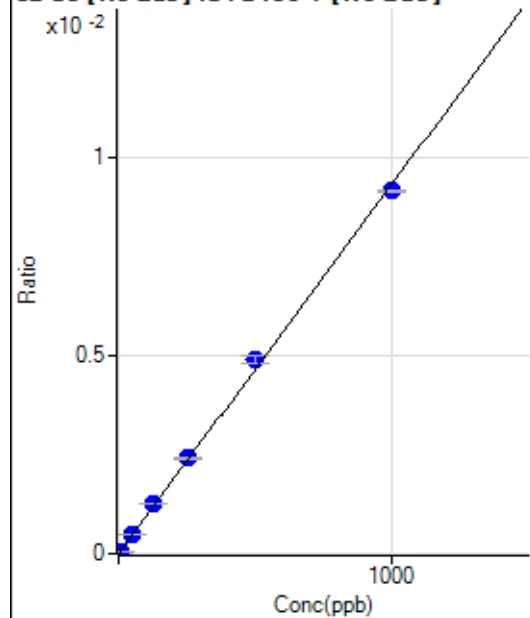
$$BEC = 0.3187$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6352.61		P	1.7
2	☐			6496.03		P	1.0
3	☐			6194.76		P	2.5
4	☐			6488.22		P	2.6
5	☐			6732.80		P	2.3
6	☐			6902.87		P	2.6
7	☐			7051.83		P	1.5
8	☐			7018.48		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0000	P	439.7
2	☐	5.000	5.117	1240.09	0.0000	P	3.5
3	☐	50.000	51.400	12524.71	0.0005	P	3.5
4	☐	125.000	133.729	32259.69	0.0012	P	1.1
5	☐	250.000	260.018	62907.75	0.0024	P	2.5
6	☐	500.000	525.469	124065.48	0.0049	P	4.1
7	☐	1000.000	983.599	238257.41	0.0092	P	0.7
8	☐			4.44	0.0000	P	1304.

$$y = 9.3192\text{E-}006 * x + 3.7918\text{E-}007$$

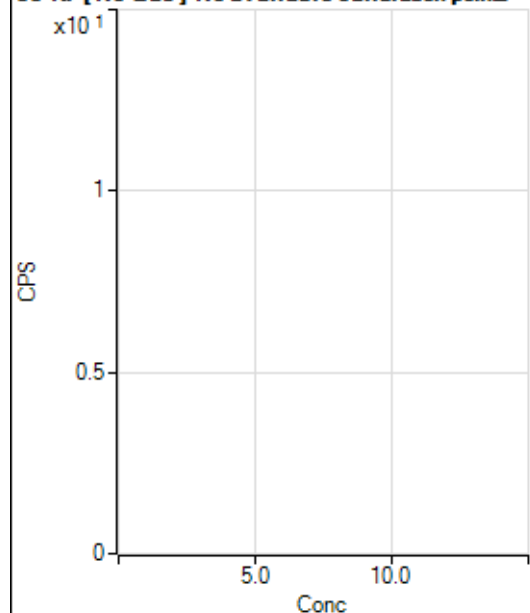
$$R = 0.9994$$

$$DL = 0.5368$$

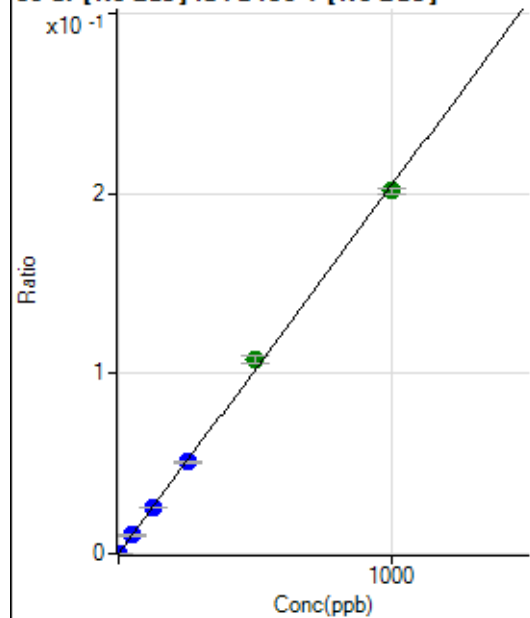
$$BEC = 0.04069$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			192.23		P	19.7
2	☐			196.67		P	9.0
3	☐			175.56		P	10.5
4	☐			153.34		P	28.3
5	☐			183.33		P	20.7
6	☐			187.78		P	2.0
7	☐			221.11		P	9.7
8	☐			353.34		P	15.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	335.56	0.0000	P	5.8
2	☐	1.000	1.024	5724.56	0.0002	P	4.7
3	☐	50.000	49.592	265072.88	0.0101	P	1.9
4	☐	125.000	126.803	670742.22	0.0259	P	0.9
5	☐	250.000	249.236	1322071.15	0.0509	P	2.5
6	☐	500.000	528.673	2736452.08	0.1080	A	4.4
7	☐	1000.000	985.649	5234412.04	0.2014	A	1.3
8	☐			13079.54	0.0006	P	1.6

$$y = 2.0431E-004 * x + 1.2966E-005$$

$$R = 0.9994$$

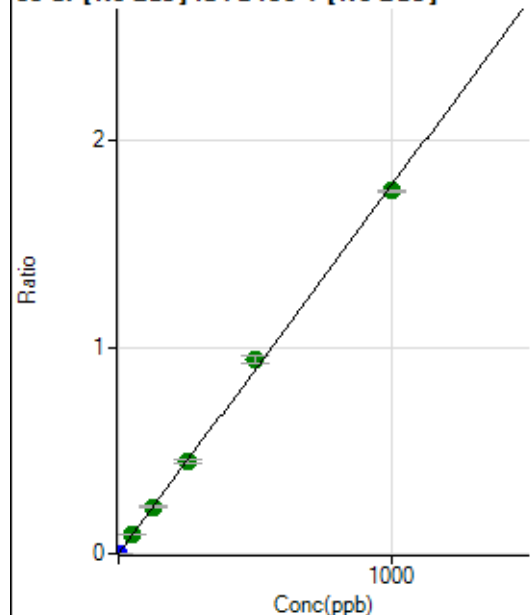
$$DL = 0.011$$

$$BEC = 0.06346$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	323.34	0.0000	P	10.8
2	☐	1.000	0.991	45849.43	0.0018	P	3.8
3	☐	50.000	50.757	2364944.15	0.0905	A	1.9
4	☐	125.000	127.817	5897872.83	0.2279	A	1.2
5	☐	250.000	250.011	11569816.91	0.4458	A	3.8
6	☐	500.000	528.293	23865524.09	0.9420	A	3.5
7	☐	1000.000	985.461	45669797.10	1.7571	A	0.5
8	☐			110254.15	0.0048	P	1.5

$$y = 0.0018 * x + 1.2485E-005$$

$$R = 0.9994$$

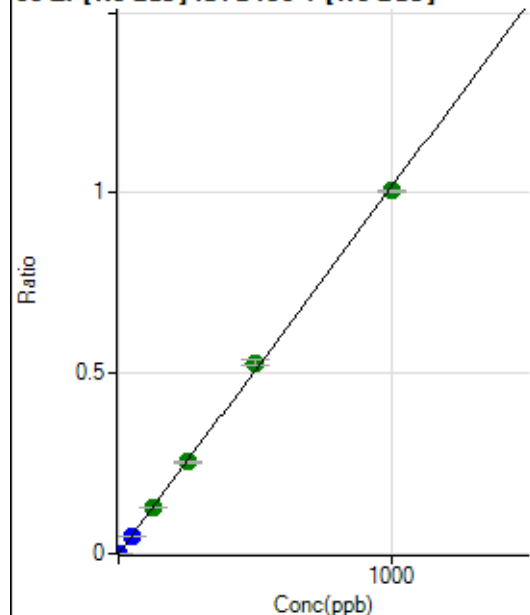
$$DL = 0.002264$$

$$BEC = 0.007002$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	852.26	0.0000	P	2.8
2	☐	1.000	1.033	27933.55	0.0011	P	3.6
3	☐	50.000	48.988	1303002.82	0.0499	P	1.9
4	☐	125.000	126.760	3337957.66	0.1290	A	0.5
5	☐	250.000	251.106	6632260.32	0.2555	A	1.7
6	☐	500.000	521.027	13430718.97	0.5301	A	3.4
7	☐	1000.000	989.040	26151739.33	1.0062	A	0.6
8	☐			14741.21	0.0006	P	4.6

$$y = 0.0010 * x + 3.2934E-005$$

$$R = 0.9997$$

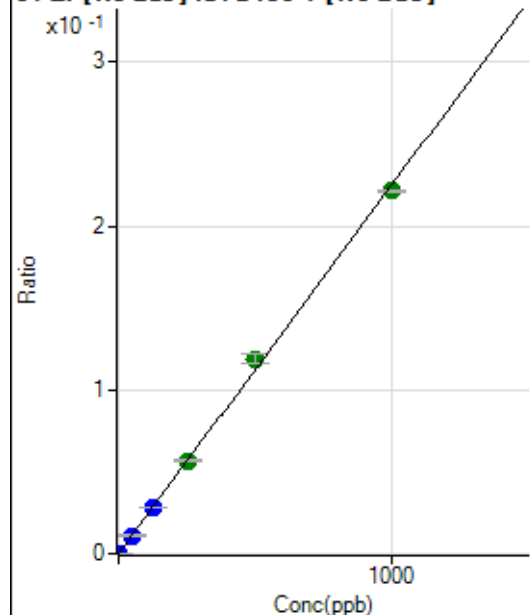
$$DL = 0.002675$$

$$BEC = 0.03237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	181.11	0.0000	P	12.6
2	☐	1.000	1.052	6278.14	0.0002	P	3.0
3	☐	50.000	49.241	289478.04	0.0111	P	2.1
4	☐	125.000	125.255	729004.53	0.0282	P	1.1
5	☐	250.000	252.648	1474791.02	0.0568	A	2.7
6	☐	500.000	528.836	3012528.95	0.1189	A	4.4
7	☐	1000.000	984.926	5756383.52	0.2215	A	0.2
8	☐			3179.29	0.0001	P	5.3

$$y = 2.2486\text{E-}004 * x + 7.0041\text{E-}006$$

$$R = 0.9994$$

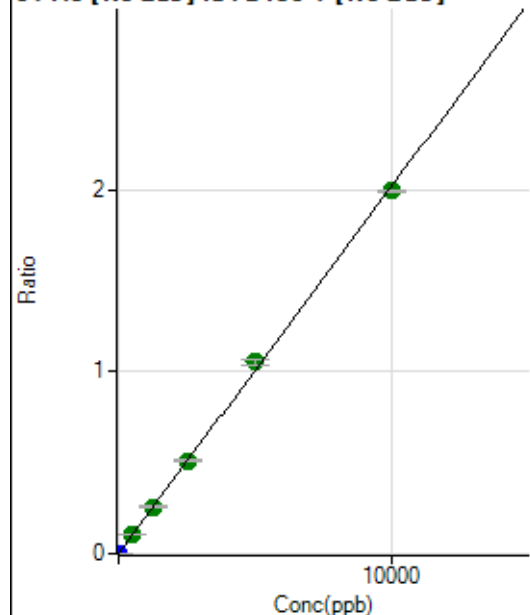
$$DL = 0.0118$$

$$BEC = 0.03115$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	337.79	0.0000	P	5.5
2	☐	5.000	6.128	32170.51	0.0012	P	4.4
3	☐	500.000	502.665	2649184.16	0.1014	A	1.4
4	☐	1250.000	1279.514	6677819.41	0.2581	A	1.2
5	☐	2500.000	2519.472	13189425.50	0.5081	A	2.4
6	☐	5000.000	5222.583	26686146.54	1.0533	A	3.3
7	☐	10000.000	9880.017	51787333.12	1.9926	A	0.7
8	☐			13250.90	0.0006	P	8.9

$$y = 2.0167\text{E-}004 * x + 1.3055\text{E-}005$$

$$R = 0.9996$$

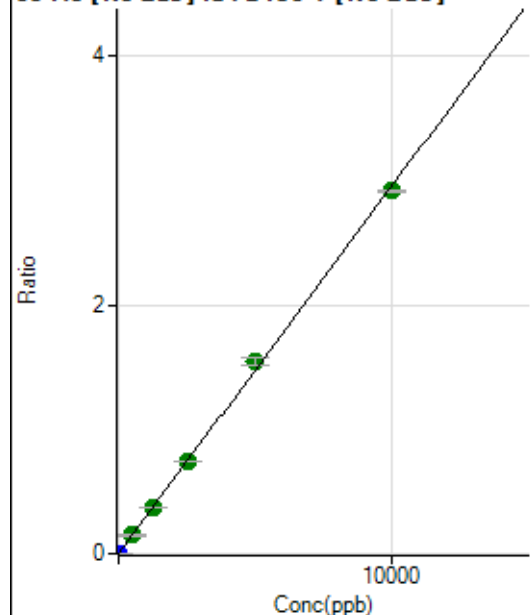
$$DL = 0.01064$$

$$BEC = 0.06473$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	177.78	0.0000	P	26.5
2	☐	5.000	5.112	39048.02	0.0015	P	4.5
3	☐	500.000	499.305	3850841.19	0.1474	A	2.5
4	☐	1250.000	1271.975	9715926.87	0.3755	A	1.1
5	☐	2500.000	2514.708	19268317.91	0.7423	A	1.9
6	☐	5000.000	5225.889	39077936.09	1.5425	A	4.0
7	☐	10000.000	9880.666	75801477.20	2.9165	A	0.8
8	☐			14037.24	0.0006	P	11.4

$$y = 2.9517\text{E-}004 * x + 6.8824\text{E-}006$$

$$R = 0.9996$$

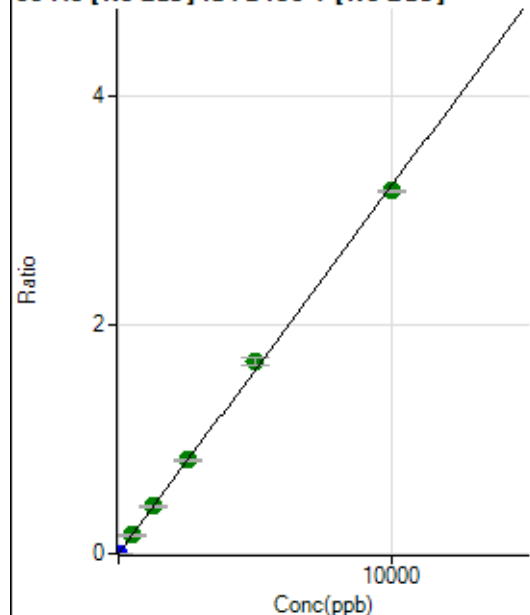
$$DL = 0.01851$$

$$BEC = 0.02332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	210.01	0.0000	P	20.7
2	☐	5.000	5.223	43482.26	0.0017	P	4.6
3	☐	500.000	500.322	4204838.79	0.1609	A	1.9
4	☐	1250.000	1282.185	10672446.51	0.4124	A	0.4
5	☐	2500.000	2558.527	21361238.29	0.8229	A	2.2
6	☐	5000.000	5230.810	42624872.42	1.6824	A	3.7
7	☐	10000.000	9865.924	82477444.88	3.1733	A	0.4
8	☐			18589.36	0.0008	P	9.8

$$y = 3.2164\text{E-}004 * x + 8.1257\text{E-}006$$

$$R = 0.9996$$

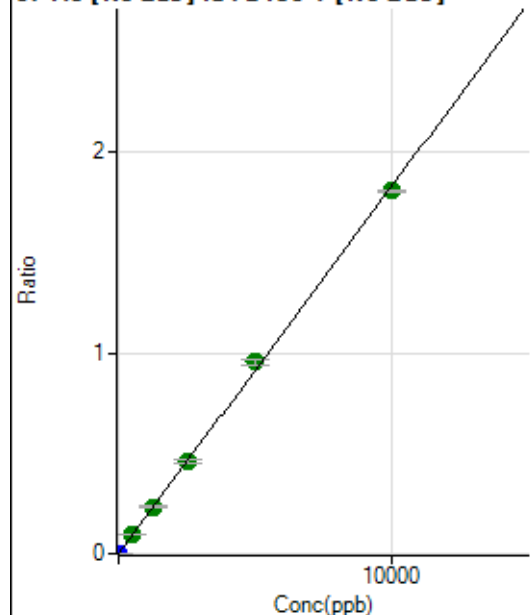
$$DL = 0.01567$$

$$BEC = 0.02526$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	114.45	0.0000	P	36.1
2	☐	5.000	5.161	24405.95	0.0009	P	4.8
3	☐	500.000	503.284	2403587.67	0.0920	A	1.2
4	☐	1250.000	1279.776	6052483.73	0.2339	A	1.9
5	☐	2500.000	2516.264	11937068.57	0.4599	A	2.6
6	☐	5000.000	5214.359	24144694.64	0.9530	A	3.5
7	☐	10000.000	9884.868	46954683.74	1.8066	A	0.5
8	☐			7513.24	0.0003	P	10.6

$$y = 1.8276E-004 * x + 4.4130E-006$$

$$R = 0.9997$$

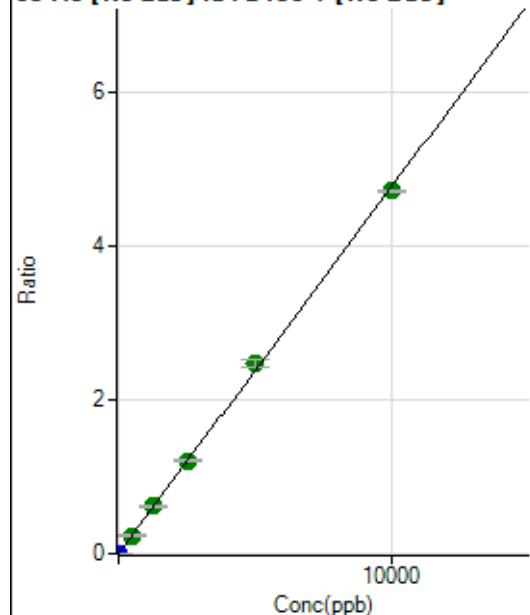
$$DL = 0.02613$$

$$BEC = 0.02415$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	192.23	0.0000	P	21.0
2	☐	5.000	5.160	63499.89	0.0025	P	4.5
3	☐	500.000	497.967	6197228.03	0.2372	A	1.8
4	☐	1250.000	1289.436	15892604.07	0.6141	A	1.1
5	☐	2500.000	2538.898	31390313.98	1.2093	A	1.8
6	☐	5000.000	5188.842	62613311.85	2.4714	A	3.6
7	☐	10000.000	9891.027	122442440.4	4.7110	A	0.8
8	☐			18434.79	0.0008	P	13.7

$$y = 4.7629E-004 * x + 7.4397E-006$$

$$R = 0.9997$$

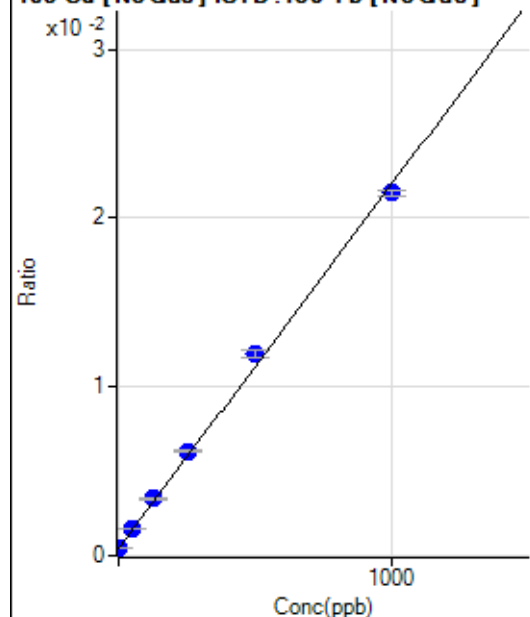
$$DL = 0.009861$$

$$BEC = 0.01562$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8111.35	0.0004	P	0.6
2	☐	1.000	0.972	8550.50	0.0004	P	0.9
3	☐	50.000	54.080	30780.99	0.0016	P	1.7
4	☐	125.000	136.052	64959.60	0.0034	P	1.0
5	☐	250.000	266.857	119052.43	0.0062	P	2.1
6	☐	500.000	535.132	225866.74	0.0120	P	3.9
7	☐	1000.000	976.634	422331.98	0.0215	P	1.6
8	☐			6846.20	0.0004	P	1.4

$$y = 2.1571\text{E-}005 * x + 4.2895\text{E-}004$$

$$R = 0.9989$$

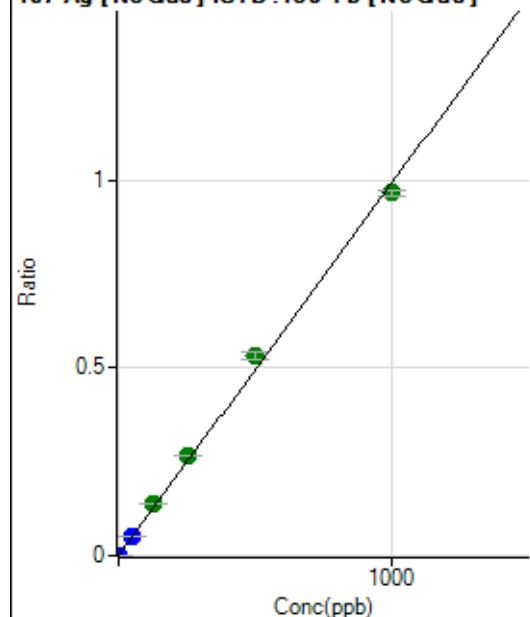
$$DL = 0.3442$$

$$BEC = 19.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	222.22	0.0000	P	8.8
2	☐	1.000	1.054	20056.92	0.0011	P	2.6
3	☐	50.000	52.656	1006397.05	0.0522	P	2.3
4	☐	125.000	137.650	2633216.98	0.1364	A	0.6
5	☐	250.000	267.741	5105192.88	0.2652	A	0.7
6	☐	500.000	537.131	10037013.11	0.5320	A	4.1
7	☐	1000.000	975.285	18979645.41	0.9660	A	1.5
8	☐			3018.15	0.0002	P	13.7

$$y = 9.9050\text{E-}004 * x + 1.1752\text{E-}005$$

$$R = 0.9987$$

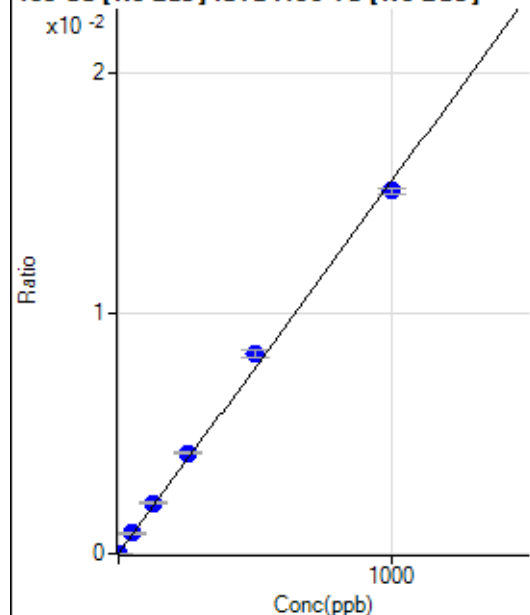
$$DL = 0.00314$$

$$BEC = 0.01186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	40.0
2	☐	1.000	1.079	333.34	0.0000	P	13.8
3	☐	50.000	54.567	16308.65	0.0008	P	4.0
4	☐	125.000	136.195	40724.50	0.0021	P	1.6
5	☐	250.000	269.178	80211.30	0.0042	P	1.9
6	☐	500.000	538.277	157216.82	0.0083	P	3.5
7	☐	1000.000	974.439	296348.65	0.0151	P	1.4
8	☐			153.34	0.0000	P	25.9

$$y = 1.5478\text{E-}005 * x + 8.8182\text{E-}007$$

$$R = 0.9987$$

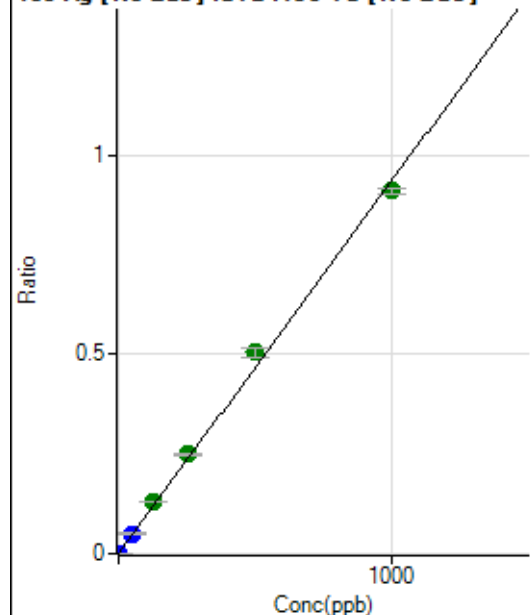
$$DL = 0.06841$$

$$BEC = 0.05697$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	27.9
2	☐	1.000	1.061	18887.46	0.0010	P	3.6
3	☐	50.000	53.781	968880.05	0.0502	P	3.0
4	☐	125.000	138.206	2492351.47	0.1291	A	1.2
5	☐	250.000	267.019	4799579.37	0.2493	A	1.6
6	☐	500.000	539.833	9507956.46	0.5041	A	5.0
7	☐	1000.000	973.989	17868857.51	0.9095	A	1.8
8	☐			2786.98	0.0002	P	9.9

$$y = 9.3380\text{E-}004 * x + 4.1145\text{E-}006$$

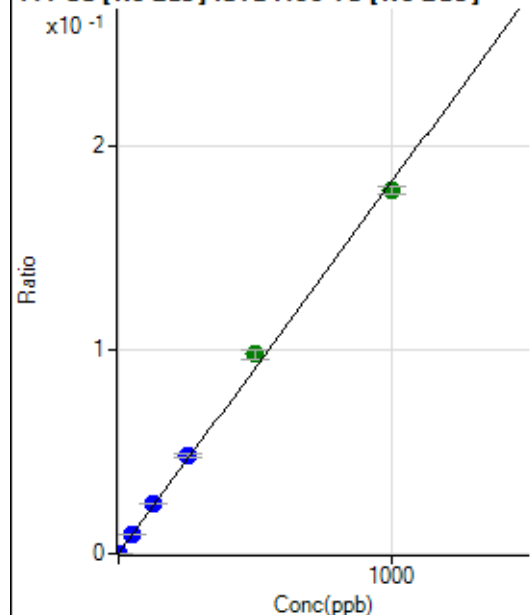
$$R = 0.9986$$

$$DL = 0.003694$$

$$BEC = 0.004406$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1627.27	0.0001	P	0.8
2	☐	1.000	1.149	5615.21	0.0003	P	0.7
3	☐	50.000	53.344	189261.01	0.0098	P	1.9
4	☐	125.000	134.686	475810.75	0.0246	P	1.3
5	☐	250.000	264.221	928699.00	0.0483	P	2.4
6	☐	500.000	537.079	1848446.51	0.0980	A	4.5
7	☐	1000.000	976.527	3498921.42	0.1781	A	2.0
8	☐			2094.16	0.0001	P	1.7

$$y = 1.8229\text{E-}004 * x + 8.6056\text{E-}005$$

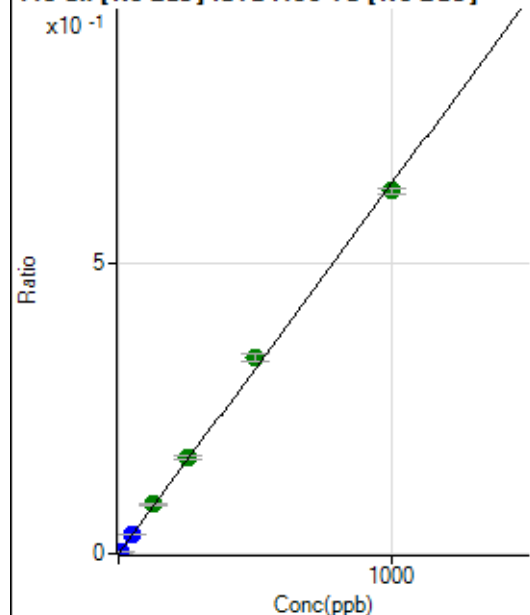
$$R = 0.9988$$

$$DL = 0.01152$$

$$BEC = 0.4721$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1215.62	0.0001	P	6.7
2	☐	5.000	5.359	66234.58	0.0035	P	2.2
3	☐	50.000	51.851	640185.67	0.0332	P	0.9
4	☐	125.000	133.031	1642053.71	0.0850	A	1.2
5	☐	250.000	260.201	3199900.40	0.1663	A	2.7
6	☐	500.000	530.720	6396375.53	0.3390	A	4.0
7	☐	1000.000	980.992	12311591.48	0.6266	A	1.5
8	☐			3772.79	0.0002	P	5.3

$$y = 6.3871\text{E-}004 * x + 6.4268\text{E-}005$$

$$R = 0.9992$$

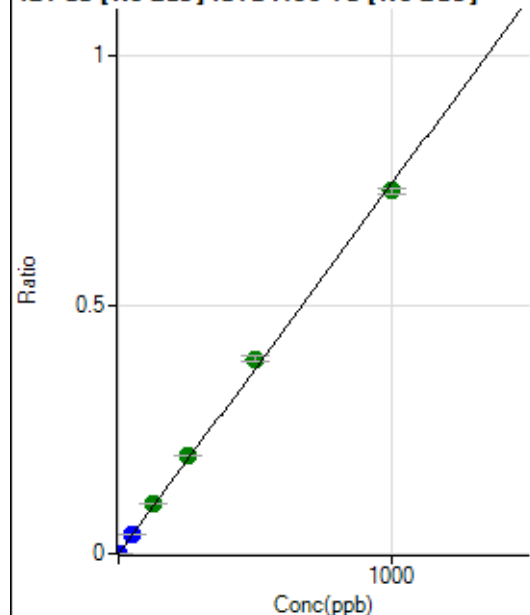
$$DL = 0.0202$$

$$BEC = 0.1006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	21.1
2	☐	2.000	2.137	30196.67	0.0016	P	2.7
3	☐	50.000	51.261	734568.35	0.0381	P	1.5
4	☐	125.000	133.517	1915150.94	0.0992	A	0.9
5	☐	250.000	265.290	3792462.65	0.1970	A	1.9
6	☐	500.000	527.447	7391507.67	0.3917	A	3.4
7	☐	1000.000	981.326	14318956.18	0.7288	A	1.9
8	☐			9456.69	0.0006	P	3.4

$$y = 7.4270\text{E-}004 * x + 3.2341\text{E-}006$$

$$R = 0.9993$$

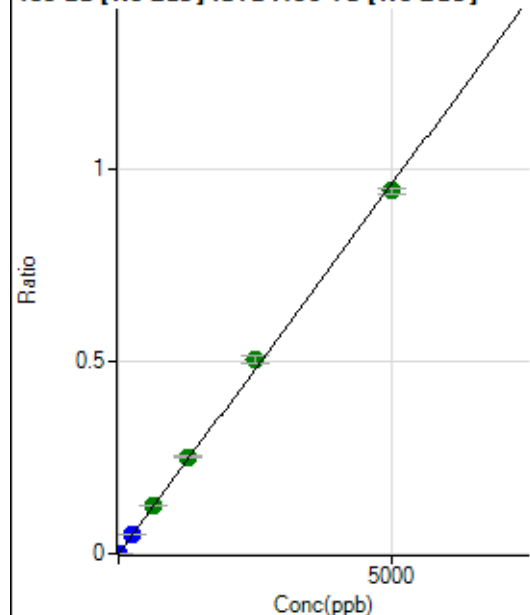
$$DL = 0.002755$$

$$BEC = 0.004354$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296.67	0.0000	P	14.5
2	☐	10.000	10.556	38765.34	0.0020	P	3.6
3	☐	250.000	252.037	933471.29	0.0484	P	1.7
4	☐	625.000	648.885	2405196.39	0.1245	A	1.7
5	☐	1250.000	1309.361	4836996.25	0.2513	A	2.1
6	☐	2500.000	2637.800	9551175.48	0.5063	A	4.0
7	☐	5000.000	4913.171	18524979.59	0.9429	A	1.9
8	☐			7353.17	0.0004	P	4.4

$$y = 1.9192\text{E-}004 * x + 1.5686\text{E-}005$$

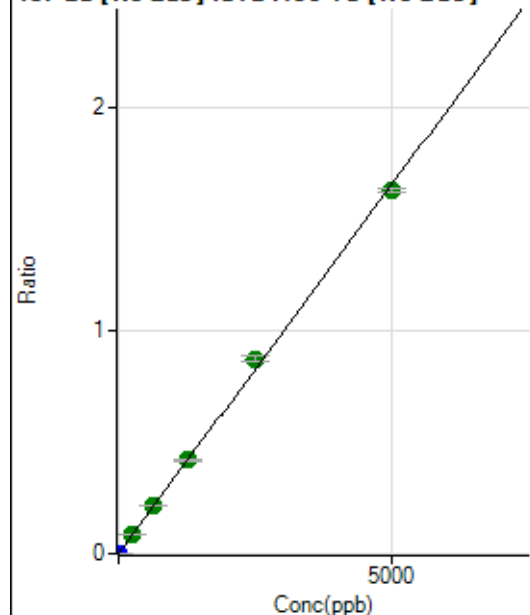
$$R = 0.9993$$

$$DL = 0.03558$$

$$BEC = 0.08173$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	427.79	0.0000	P	5.5
2	☐	10.000	10.594	66841.70	0.0035	P	3.8
3	☐	250.000	256.871	1636769.06	0.0848	A	0.5
4	☐	625.000	652.005	4157516.92	0.2153	A	1.7
5	☐	1250.000	1271.895	8083296.13	0.4200	A	2.2
6	☐	2500.000	2641.831	16458119.20	0.8723	A	3.5
7	☐	5000.000	4919.890	31917532.03	1.6244	A	1.0
8	☐			12547.05	0.0007	P	5.3

$$y = 3.3017E-004 * x + 2.2618E-005$$

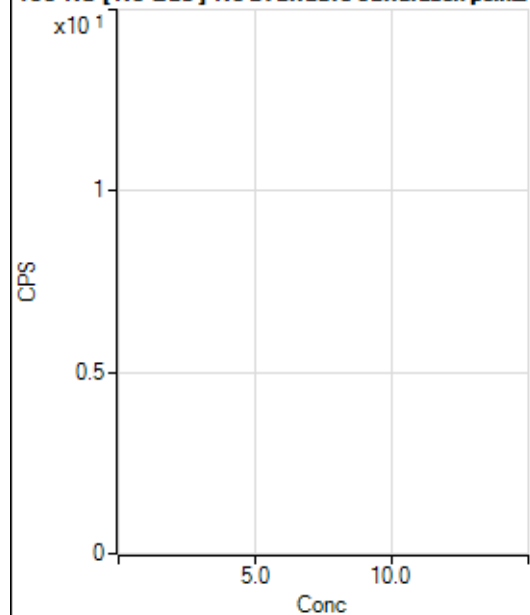
$$R = 0.9994$$

$$DL = 0.01135$$

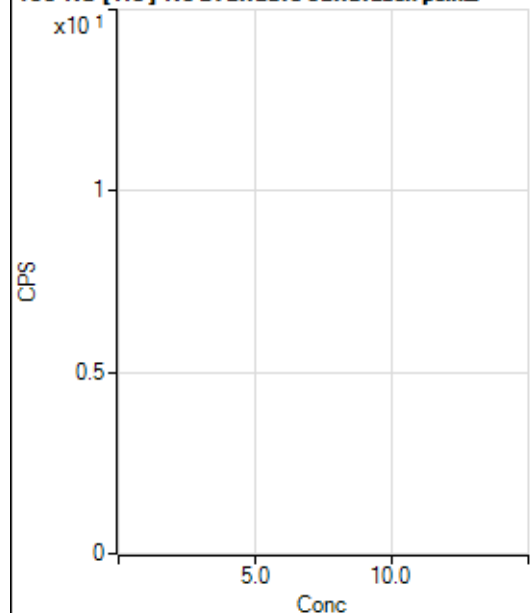
$$BEC = 0.0685$$

Weight: <None>

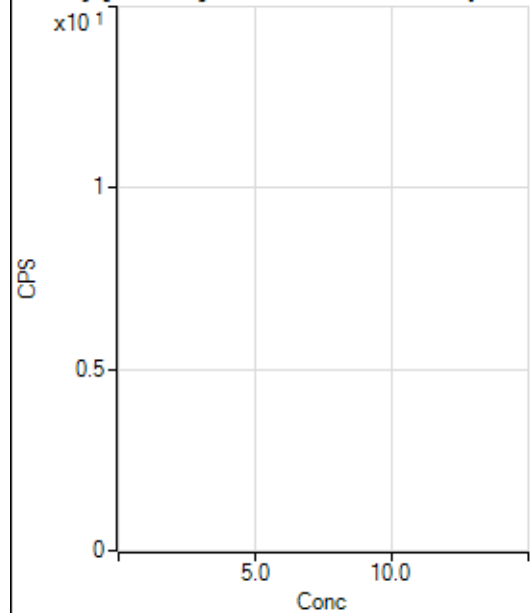
Min Conc: 0

150 Nd [No Gas] No available calibration points

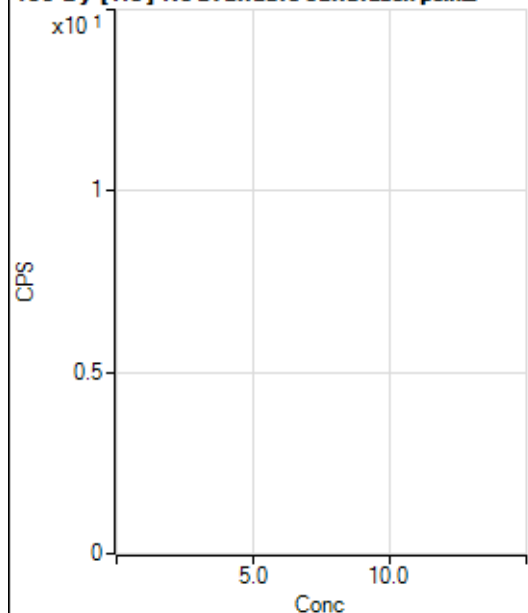
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.55		P	27.1
2	☐			18.89		P	40.7
3	☐			85.56		P	14.7
4	☐			217.78		P	17.9
5	☐			414.46		P	6.7
6	☐			745.58		P	2.1
7	☐			1450.09		P	5.5
8	☐			278.89		P	16.2

150 Nd [He] No available calibration points

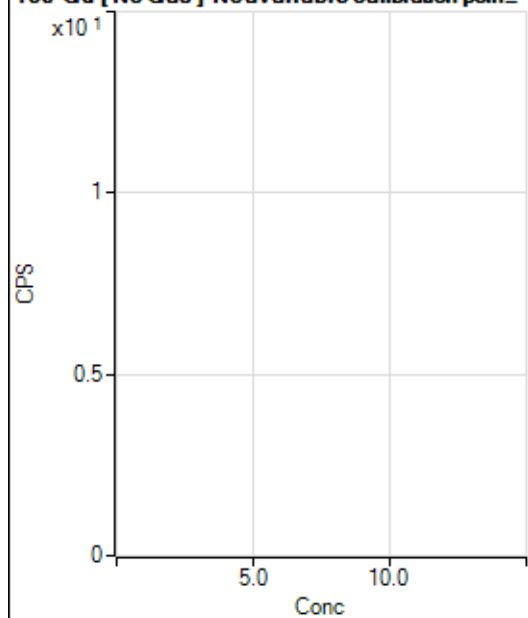
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			4.44		P	43.4
3	☐			3.33		P	0.0
4	☐			7.78		P	65.5
5	☐			14.44		P	66.6
6	☐			40.00		P	30.0
7	☐			52.22		P	47.1
8	☐			80.00		P	11.0

156 Dy [No Gas] No available calibration points

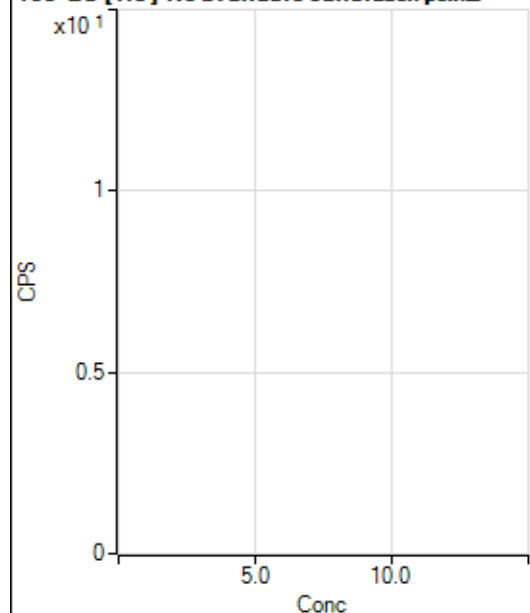
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			20.00		P	16.7
2	☐			15.56		P	12.4
3	☐			35.56		P	21.6
4	☐			80.00		P	22.0
5	☐			114.45		P	17.1
6	☐			216.67		P	8.6
7	☐			331.12		P	3.2
8	☐			586.69		P	10.8

156 Dy [He] No available calibration points

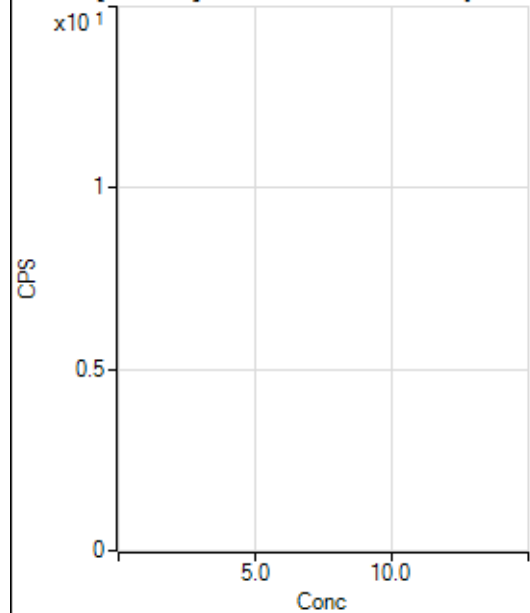
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			6.67		P	100.0
3	☐			4.44		P	173.2
4	☐			8.89		P	21.6
5	☐			16.67		P	40.0
6	☐			34.44		P	24.3
7	☐			48.89		P	7.9
8	☐			175.56		P	15.3

160 Gd [No Gas] Noavailable calibration poin_

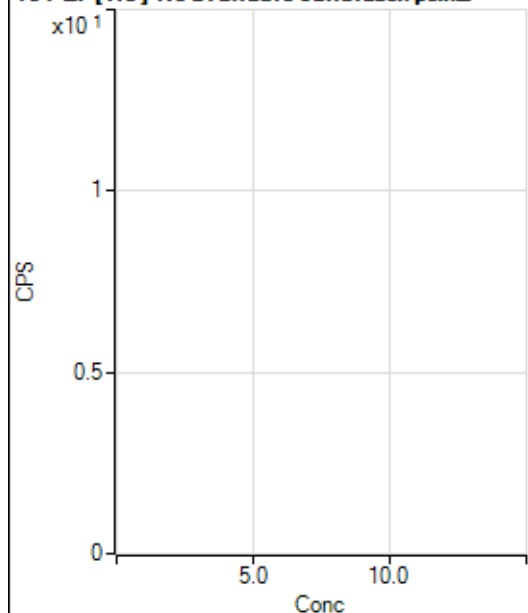
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			90.00		P	6.4
2	☐			87.78		P	15.3
3	☐			100.00		P	17.6
4	☐			100.00		P	20.3
5	☐			115.56		P	14.5
6	☐			156.67		P	14.9
7	☐			236.67		P	14.8
8	☐			532.24		P	2.0

160 Gd [He] No available calibration points

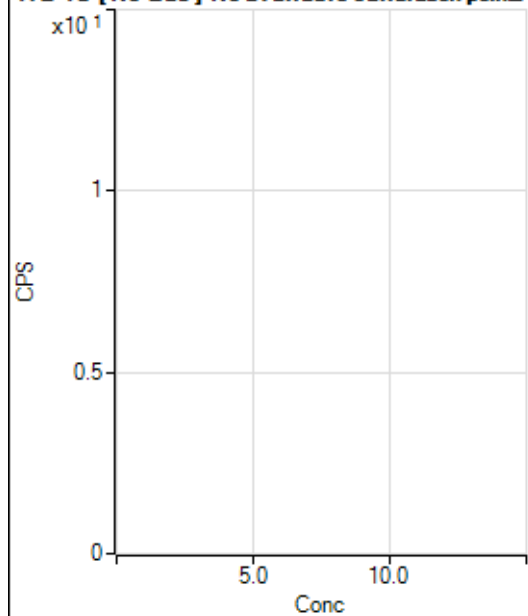
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22.22		P	45.8
2	☐			28.89		P	24.0
3	☐			18.89		P	66.8
4	☐			16.67		P	52.9
5	☐			32.22		P	23.9
6	☐			38.89		P	77.8
7	☐			66.67		P	36.1
8	☐			213.34		P	13.4

164 Er [No Gas] No available calibration points

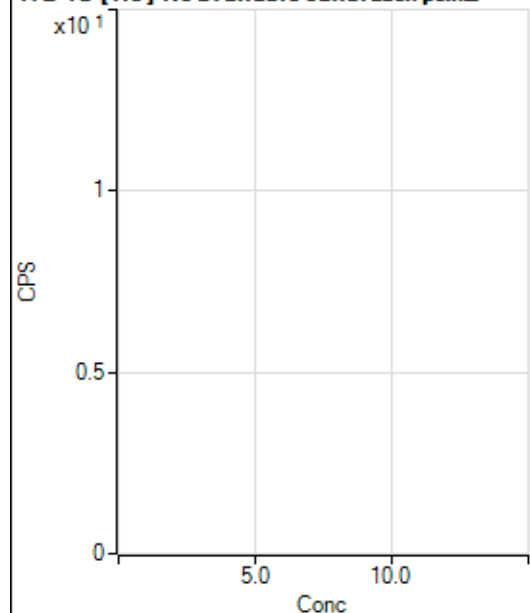
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			98.89		P	5.2
2	☐			95.56		P	17.2
3	☐			127.78		P	21.2
4	☐			110.00		P	3.0
5	☐			125.56		P	19.6
6	☐			186.67		P	10.9
7	☐			258.90		P	15.3
8	☐			613.36		P	1.1

164 Er [He] No available calibration points

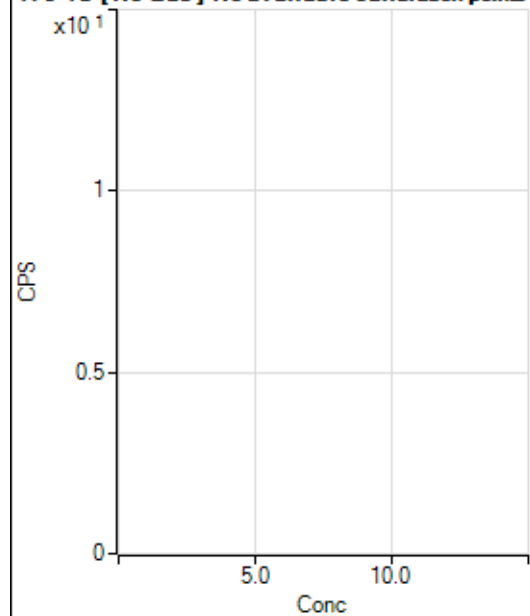
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	18.3
2	☐			28.89		P	46.6
3	☐			41.11		P	49.5
4	☐			26.67		P	12.5
5	☐			42.22		P	25.4
6	☐			63.33		P	19.0
7	☐			95.56		P	16.5
8	☐			177.78		P	20.9

172 Yb [No Gas] No available calibration points

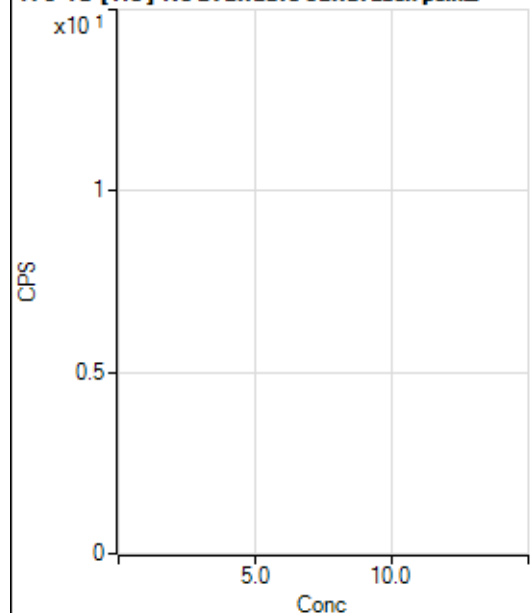
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			95.56		P	16.5
2	☐			105.56		P	20.5
3	☐			117.78		P	13.4
4	☐			128.89		P	1.5
5	☐			126.67		P	17.3
6	☐			187.78		P	10.1
7	☐			238.89		P	4.0
8	☐			666.69		P	11.3

172 Yb [He] No available calibration points

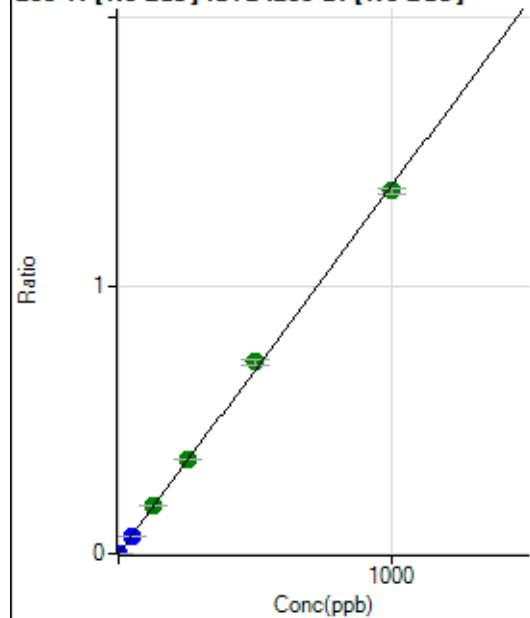
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			44.44		P	18.9
2	☐			44.44		P	18.9
3	☐			41.11		P	32.8
4	☐			38.89		P	40.5
5	☐			55.55		P	12.5
6	☐			47.78		P	46.5
7	☐			100.00		P	13.3
8	☐			266.67		P	20.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2395.80		P	9.7
2	☐			2439.14		P	7.8
3	☐			5979.19		P	4.0
4	☐			11463.96		P	2.1
5	☐			19940.74		P	2.0
6	☐			38267.55		P	1.2
7	☐			71994.69		P	0.9
8	☐			2438.03		P	2.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			442.24		P	7.3
2	☐			375.56		P	5.4
3	☐			1574.56		P	5.4
4	☐			3496.06		P	0.5
5	☐			6468.32		P	3.7
6	☐			12775.14		P	1.8
7	☐			24439.36		P	0.7
8	☐			546.68		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	302.23	0.0000	P	9.9
2	☐	1.000	0.974	16262.51	0.0014	P	3.1
3	☐	50.000	48.474	790209.11	0.0665	P	1.5
4	☐	125.000	129.220	2068474.69	0.1773	A	0.9
5	☐	250.000	255.502	4049076.22	0.3505	A	0.9
6	☐	500.000	522.611	7945752.87	0.7168	A	2.9
7	☐	1000.000	986.868	15288572.27	1.3536	A	1.4
8	☐			2026.85	0.0002	P	16.0

$$y = 0.0014 * x + 2.5644E-005$$

$$R = 0.9996$$

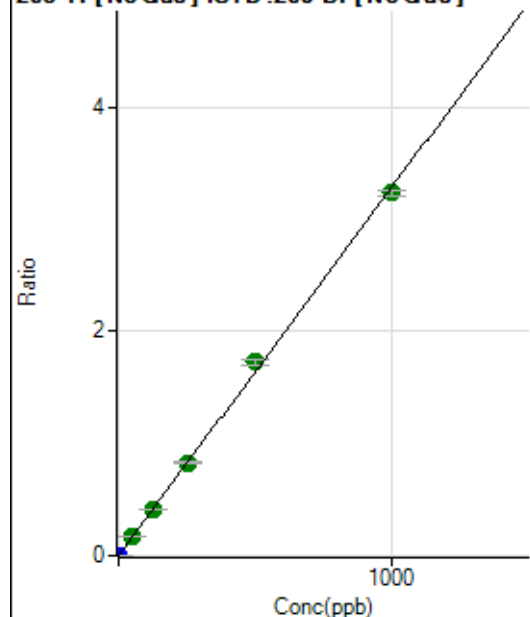
$$DL = 0.005578$$

$$BEC = 0.0187$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	681.14	0.0001	P	4.2
2	☐	1.000	0.970	38685.24	0.0032	P	2.2
3	☐	50.000	49.807	1940668.69	0.1633	A	0.2
4	☐	125.000	127.366	4873106.52	0.4176	A	0.3
5	☐	250.000	252.069	9548029.86	0.8264	A	1.2
6	☐	500.000	526.586	19136634.02	1.7263	A	2.8
7	☐	1000.000	985.903	36504656.40	3.2320	A	1.5
8	☐			4778.73	0.0005	P	17.8

$$y = 0.0033 * x + 5.7783E-005$$

$$R = 0.9995$$

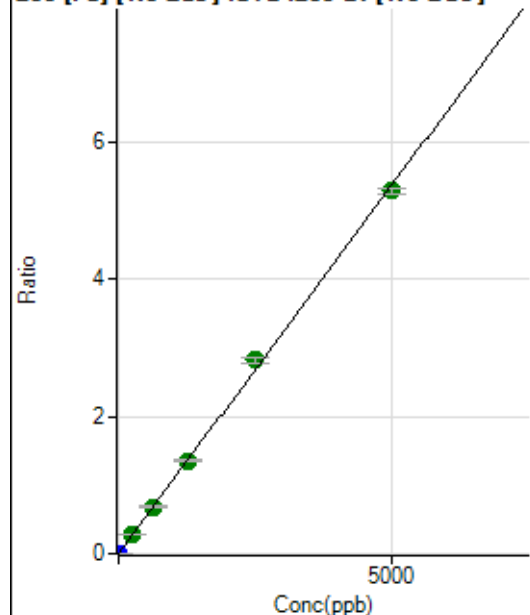
$$DL = 0.002218$$

$$BEC = 0.01763$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1403.42	0.0001	P	4.6
2	☐	1.000	0.990	14088.85	0.0012	P	2.9
3	☐	250.000	251.722	3206435.09	0.2699	A	1.3
4	☐	625.000	637.526	7973987.94	0.6833	A	0.9
5	☐	1250.000	1263.435	15644268.38	1.3541	A	1.3
6	☐	2500.000	2634.439	31296661.76	2.8233	A	2.8
7	☐	5000.000	4927.770	59646174.11	5.2810	A	1.6
8	☐			18947.30	0.0021	P	7.1

$$y = 0.0011 * x + 1.1907E-004$$

$$R = 0.9995$$

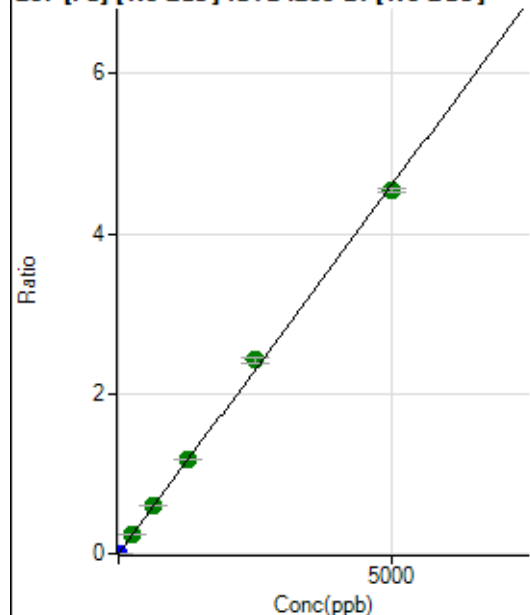
$$DL = 0.01538$$

$$BEC = 0.1111$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1214.51	0.0001	P	4.3
2	☐	1.000	1.007	12297.04	0.0010	P	1.2
3	☐	250.000	254.451	2783207.08	0.2343	A	1.0
4	☐	625.000	647.334	6952473.99	0.5958	A	1.1
5	☐	1250.000	1275.289	13559966.60	1.1736	A	0.7
6	☐	2500.000	2626.702	26793378.21	2.4172	A	3.1
7	☐	5000.000	4927.313	51215061.46	4.5343	A	0.9
8	☐			16430.57	0.0018	P	5.6

$$y = 9.2021E-004 * x + 1.0303E-004$$

$$R = 0.9995$$

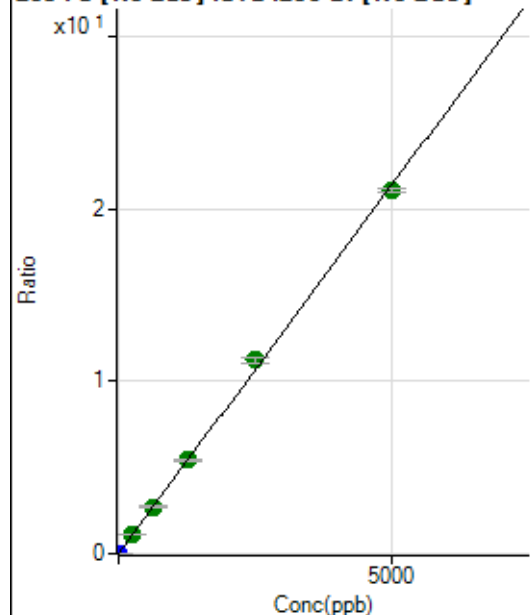
$$DL = 0.01432$$

$$BEC = 0.112$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5710.56	0.0005	P	4.1
2	☐	1.000	1.001	56847.30	0.0048	P	1.7
3	☐	250.000	250.390	12710849.71	1.0698	A	0.7
4	☐	625.000	638.906	31845108.07	2.7290	A	1.0
5	☐	1250.000	1269.657	62652444.76	5.4228	A	1.2
6	☐	2500.000	2634.923	124739292.3	11.2534	A	3.0
7	☐	5000.000	4925.866	237617147.0	21.0372	A	1.0
8	☐			75318.46	0.0082	P	7.0

$$y = 0.0043 * x + 4.8448E-004$$

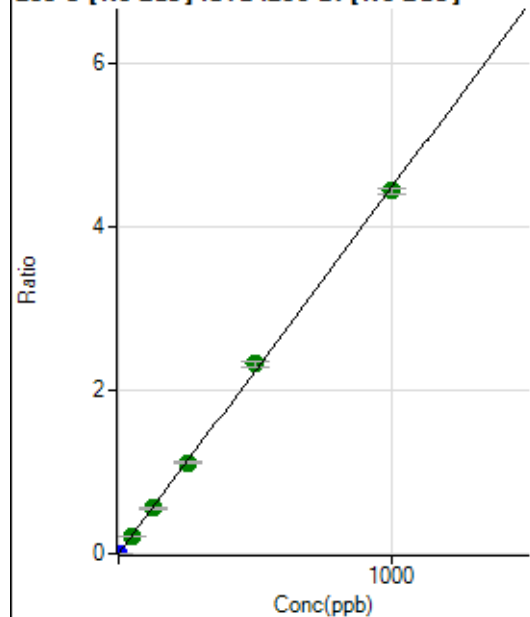
$$R = 0.9994$$

$$DL = 0.01389$$

$$BEC = 0.1134$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	158.89	0.0000	P	20.4
2	☐	1.000	0.977	52436.49	0.0044	P	2.7
3	☐	50.000	48.628	2589806.66	0.2180	A	0.5
4	☐	125.000	123.875	6478774.77	0.5552	A	1.4
5	☐	250.000	248.174	12851678.56	1.1124	A	1.4
6	☐	500.000	518.994	25783907.95	2.3262	A	3.3
7	☐	1000.000	991.169	50179219.81	4.4426	A	1.3
8	☐			4969.95	0.0005	P	21.6

$$y = 0.0045 * x + 1.3487E-005$$

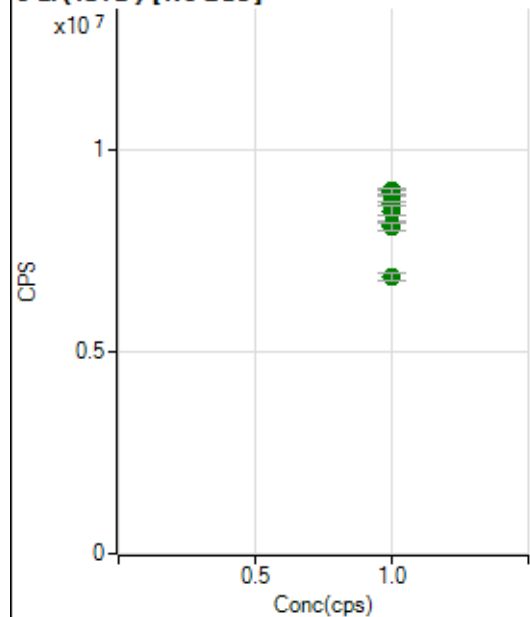
$$R = 0.9997$$

$$DL = 0.001844$$

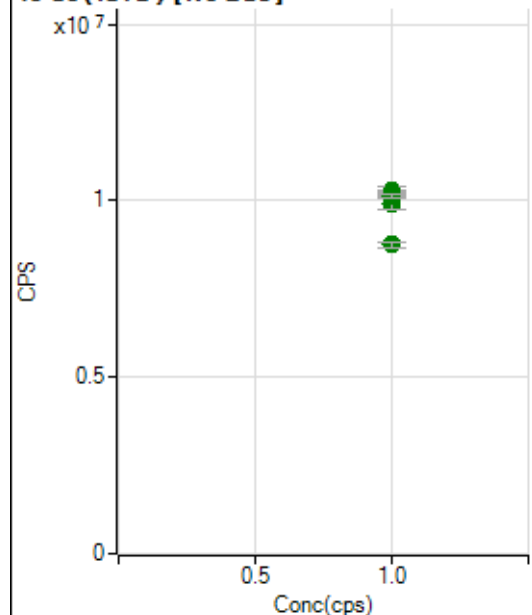
$$BEC = 0.003009$$

Weight: <None>

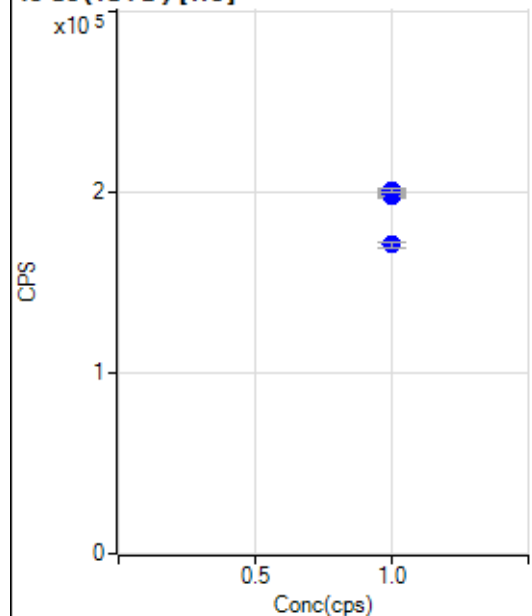
Min Conc: 0

6 Li (ISTD) [No Gas]

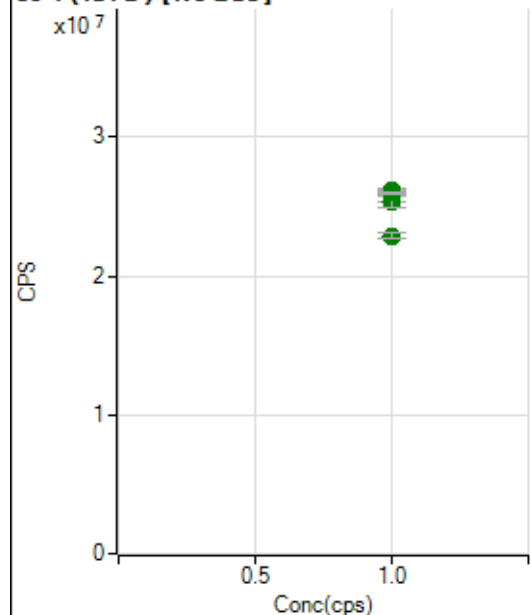
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8907534.38		A	0.5
2	☐	1.000		8956960.92		A	1.4
3	☐	1.000		8994726.61		A	1.7
4	☐	1.000		8671901.55		A	1.2
5	☐	1.000		8496403.80		A	2.6
6	☐	1.000		8140748.30		A	3.1
7	☐	1.000		8110466.93		A	2.0
8	☐	1.000		6864629.02		A	2.7

45 Sc (ISTD) [No Gas]

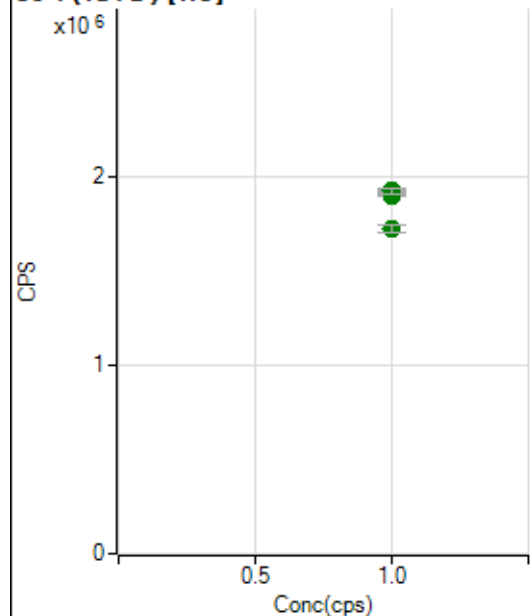
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10234714.71		A	1.6
2	☐	1.000		10276374.36		A	2.9
3	☐	1.000		10219744.29		A	1.8
4	☐	1.000		10263205.33		A	0.6
5	☐	1.000		10167567.83		A	0.8
6	☐	1.000		9911004.09		A	3.6
7	☐	1.000		10130062.56		A	1.1
8	☐	1.000		8744293.83		A	2.4

45 Sc (ISTD) [He]

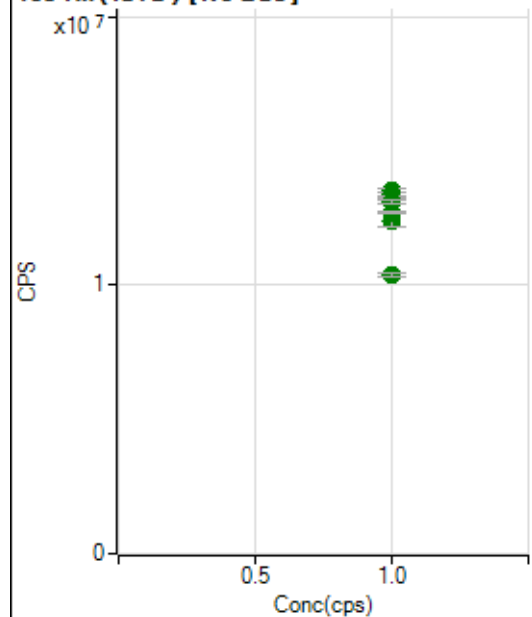
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		198979.39		P	0.9
2	☐	1.000		199349.91		P	1.2
3	☐	1.000		198493.72		P	0.7
4	☐	1.000		198129.61		P	1.3
5	☐	1.000		197236.31		P	0.9
6	☐	1.000		198848.43		P	0.9
7	☐	1.000		200369.28		P	1.0
8	☐	1.000		170794.47		P	2.0

89 Y (ISTD) [No Gas]

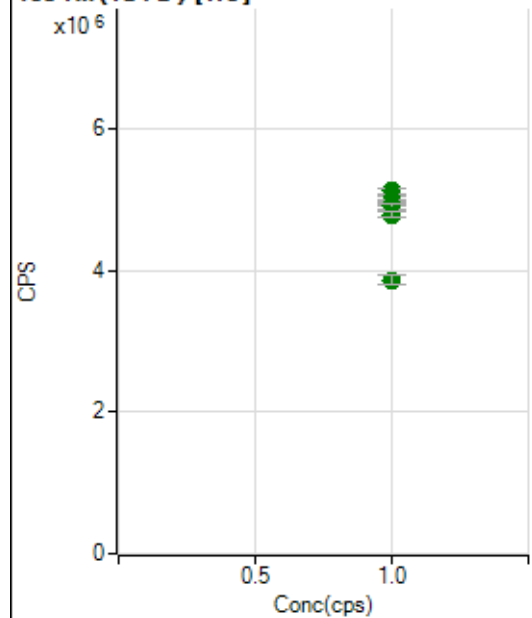
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		25876726.56		A	1.2
2	☐	1.000		25787017.95		A	3.7
3	☐	1.000		26130964.33		A	0.9
4	☐	1.000		25878322.39		A	0.5
5	☐	1.000		25962848.50		A	1.4
6	☐	1.000		25352488.79		A	2.8
7	☐	1.000		25991131.00		A	0.8
8	☐	1.000		22861516.88		A	1.8

89 Y (ISTD) [He]

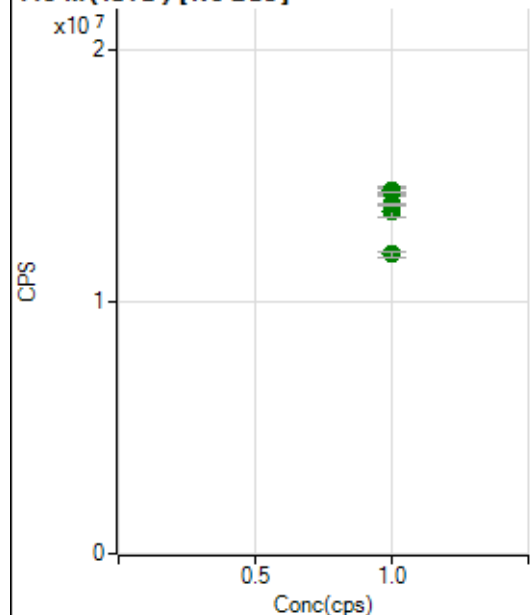
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1902863.51		A	0.3
2	☐	1.000		1913168.81		A	1.4
3	☐	1.000		1912862.59		A	1.4
4	☐	1.000		1922600.54		A	1.7
5	☐	1.000		1915395.04		A	0.6
6	☐	1.000		1925291.90		A	1.8
7	☐	1.000		1925055.49		A	1.5
8	☐	1.000		1726567.77		A	2.4

103 Rh (ISTD) [No Gas]

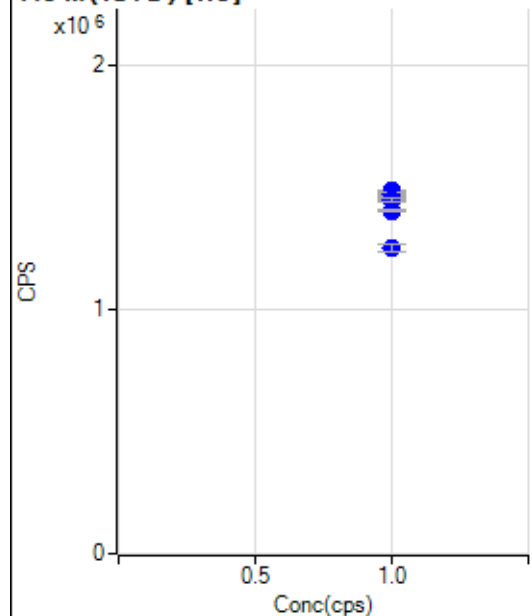
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13510207.16		A	1.1
2	☐	1.000		13413631.88		A	2.9
3	☐	1.000		13379174.80		A	1.3
4	☐	1.000		13291288.97		A	0.8
5	☐	1.000		13106329.53		A	0.7
6	☐	1.000		12411323.43		A	4.2
7	☐	1.000		12692528.42		A	0.5
8	☐	1.000		10379926.09		A	1.8

103 Rh (ISTD) [He]

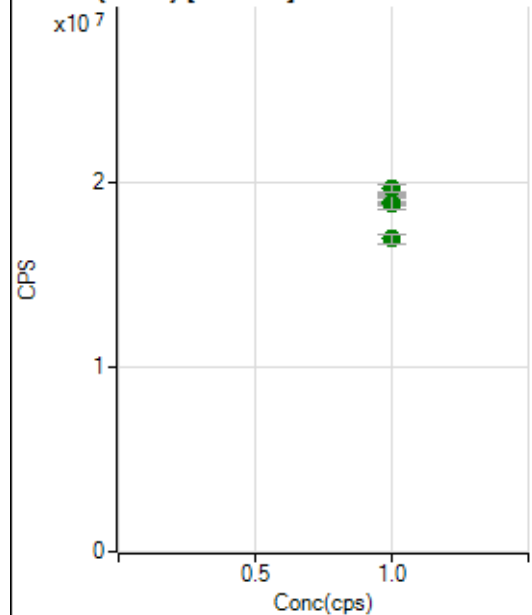
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5074588.26		A	0.1
2	☐	1.000		5123531.87		A	1.7
3	☐	1.000		5066227.70		A	0.3
4	☐	1.000		4985965.76		A	0.9
5	☐	1.000		4922062.95		A	0.6
6	☐	1.000		4904320.97		A	1.6
7	☐	1.000		4783452.43		A	1.6
8	☐	1.000		3864555.15		A	3.7

115 In (ISTD) [No Gas]

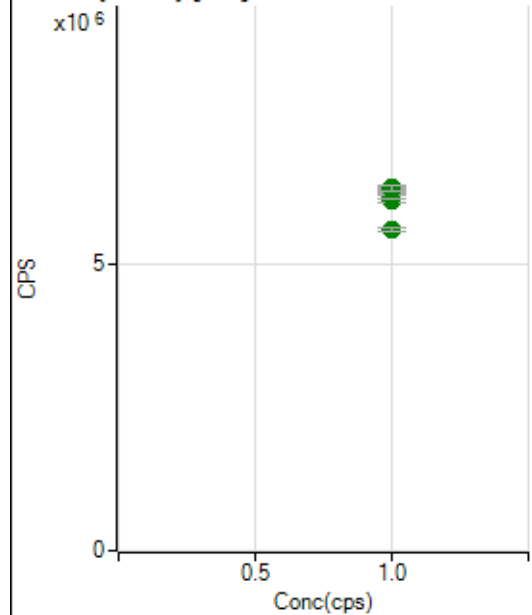
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14318725.81		A	0.3
2	☐	1.000		14369092.67		A	2.6
3	☐	1.000		14388670.56		A	1.2
4	☐	1.000		14377162.60		A	1.2
5	☐	1.000		14340756.50		A	0.4
6	☐	1.000		13562264.55		A	3.3
7	☐	1.000		13852142.76		A	0.2
8	☐	1.000		11867775.86		A	2.3

115 In (ISTD) [He]

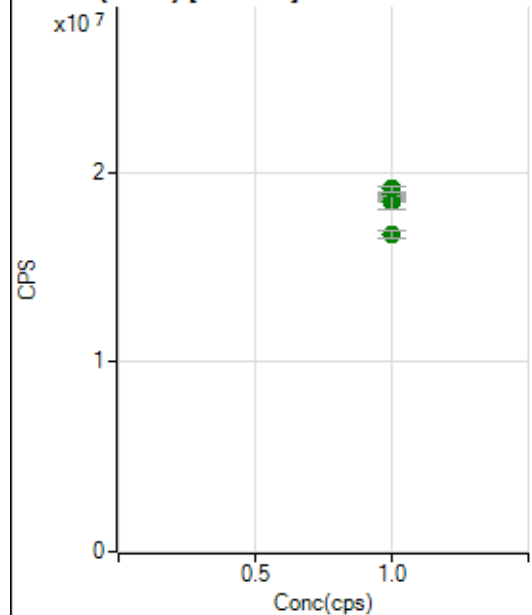
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1474958.22		P	0.5
2	☐	1.000		1487756.17		P	0.8
3	☐	1.000		1483660.18		P	0.6
4	☐	1.000		1475597.06		P	0.7
5	☐	1.000		1451441.13		P	0.4
6	☐	1.000		1451598.40		P	0.8
7	☐	1.000		1406404.08		P	0.6
8	☐	1.000		1255470.69		P	2.6

159 Tb (ISTD) [No Gas]

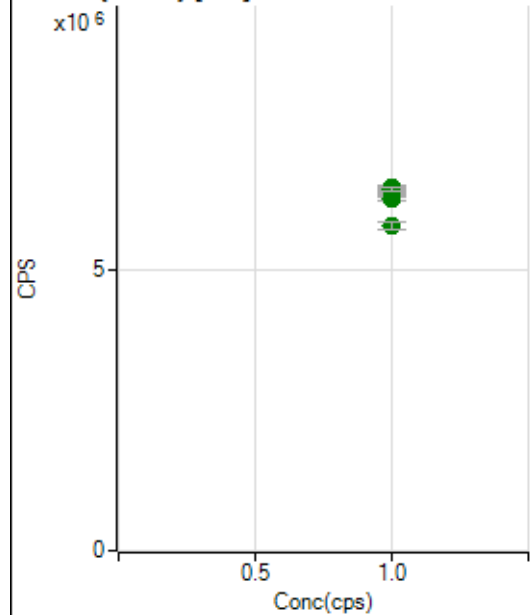
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		18909920.13		A	0.6
2	☐	1.000		19001356.52		A	3.0
3	☐	1.000		19294280.27		A	1.0
4	☐	1.000		19311923.32		A	0.7
5	☐	1.000		19250714.16		A	1.2
6	☐	1.000		18884220.55		A	3.7
7	☐	1.000		19650939.98		A	2.0
8	☐	1.000		16931583.77		A	2.8

159 Tb (ISTD) [He]

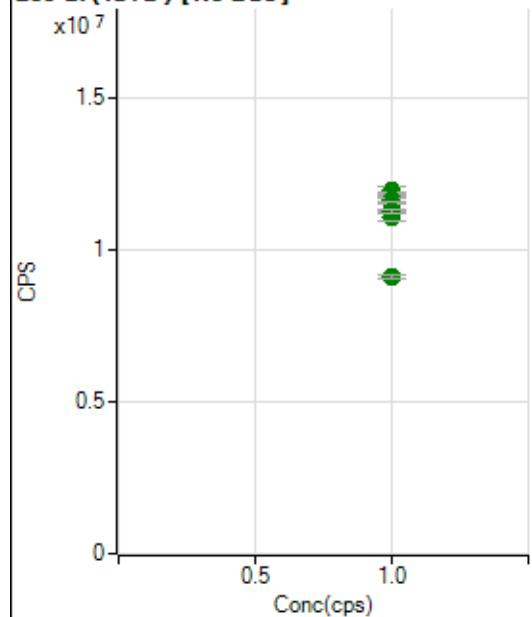
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6112988.73		A	1.2
2	☐	1.000		6249366.30		A	0.9
3	☐	1.000		6261282.62		A	0.8
4	☐	1.000		6274299.98		A	0.6
5	☐	1.000		6173275.88		A	1.0
6	☐	1.000		6311429.77		A	1.3
7	☐	1.000		6332683.24		A	1.4
8	☐	1.000		5605423.18		A	0.9

165 Ho (ISTD) [No Gas]

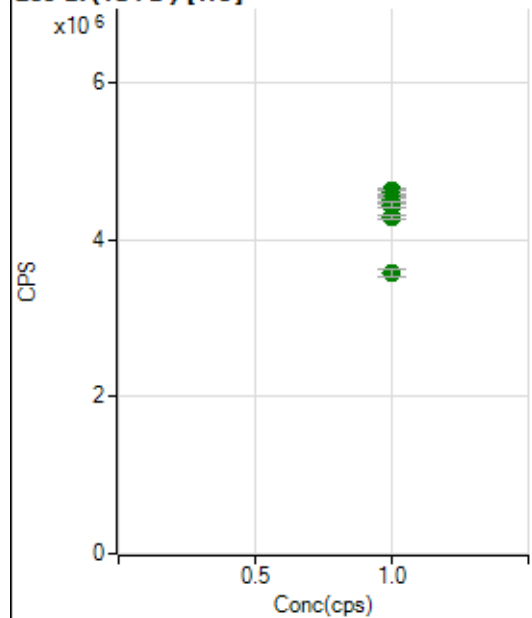
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		18640327.64		A	0.7
2	☐	1.000		18660156.81		A	2.5
3	☐	1.000		18722809.72		A	0.9
4	☐	1.000		18877880.55		A	1.0
5	☐	1.000		18829216.53		A	1.2
6	☐	1.000		18397919.45		A	4.2
7	☐	1.000		19111294.99		A	1.3
8	☐	1.000		16688624.89		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6270403.10		A	1.9
2	☐	1.000		6336198.86		A	1.3
3	☐	1.000		6307007.55		A	0.9
4	☐	1.000		6409629.70		A	0.8
5	☐	1.000		6364663.59		A	0.5
6	☐	1.000		6451375.53		A	1.4
7	☐	1.000		6419450.46		A	1.1
8	☐	1.000		5768024.50		A	2.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11788677.19		A	0.5
2	☐	1.000		11946558.15		A	2.3
3	☐	1.000		11881435.93		A	0.6
4	☐	1.000		11669722.19		A	1.2
5	☐	1.000		11554395.94		A	1.1
6	☐	1.000		11091130.11		A	2.9
7	☐	1.000		11295944.69		A	1.2
8	☐	1.000		9133320.21		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4626223.20		A	1.2
2	☐	1.000		4601518.23		A	1.0
3	☐	1.000		4567956.35		A	0.4
4	☐	1.000		4511759.24		A	1.0
5	☐	1.000		4463203.44		A	0.4
6	☐	1.000		4450299.10		A	1.2
7	☐	1.000		4291300.45		A	0.6
8	☐	1.000		3571565.40		A	2.6