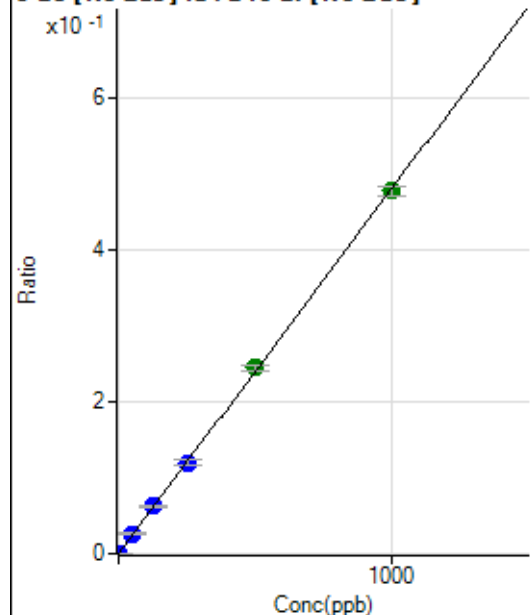


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8100221MS.b\
Analysis File: P8100221MS.batch.bin
DA Date-Time: 2021-10-03 22:21:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-10-02 16:21:32
2	005CALS.d	S02	2021-10-02 16:27:40
3	006CALS.d	S03	2021-10-02 16:30:46
4	007CALS.d	S04	2021-10-02 16:33:49
5	008CALS.d	S05	2021-10-02 16:36:55
6	009CALS.d	S06	2021-10-02 16:39:58
7	010CALS.d	S07	2021-10-02 16:43:03
8	011CALS.d	S08	2021-10-02 16:46:07

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	53.99	0.0000	P	23.0
2	☐	1.000	0.994	3515.73	0.0005	P	0.3
3	☐	50.000	54.716	175381.27	0.0262	P	7.7
4	☐	125.000	129.263	439754.65	0.0619	P	2.3
5	☐	250.000	248.794	877668.48	0.1192	P	5.7
6	☐	500.000	509.165	1751445.47	0.2440	A	2.8
7	☐	1000.000	994.950	3379253.08	0.4767	A	2.9
8	☐			429.92	0.0001	P	11.9

$$y = 4.7912\text{E-}004 * x + 7.8066\text{E-}006$$

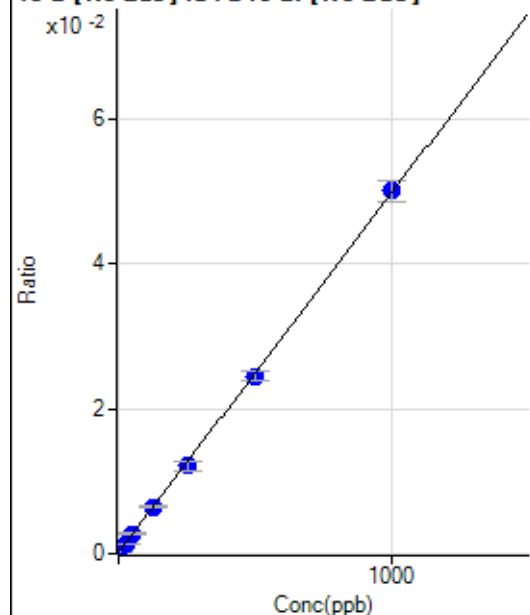
$$R = 0.9999$$

$$DL = 0.01123$$

$$BEC = 0.01629$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1062.50	0.0002	P	2.4
2	☐	25.000	24.040	9786.70	0.0013	P	3.7
3	☐	50.000	52.491	18423.35	0.0028	P	11.3
4	☐	125.000	127.303	45918.68	0.0065	P	5.9
5	☐	250.000	241.674	89272.21	0.0121	P	10.6
6	☐	500.000	490.715	175910.67	0.0245	P	4.9
7	☐	1000.000	1006.336	354934.48	0.0501	P	5.7
8	☐			35962.30	0.0053	P	9.3

$$y = 4.9628\text{E-}005 * x + 1.5368\text{E-}004$$

$$R = 0.9999$$

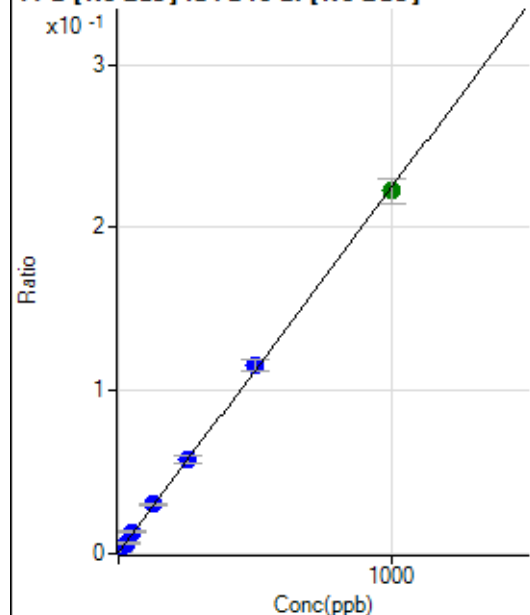
$$DL = 0.2237$$

$$BEC = 3.097$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4863.20	0.0007	P	2.5
2	☐	25.000	25.706	46931.89	0.0065	P	5.0
3	☐	50.000	56.085	88620.72	0.0133	P	9.8
4	☐	125.000	131.880	214478.62	0.0302	P	6.1
5	☐	250.000	254.214	423670.45	0.0576	P	9.0
6	☐	500.000	513.452	830089.00	0.1156	P	6.1
7	☐	1000.000	991.039	1576493.20	0.2226	A	6.6
8	☐			169478.56	0.0248	P	8.7

$$y = 2.2387E-004 * x + 7.0339E-004$$

R = 0.9998

DL = 0.2331

BEC = 3.142

Weight: <None>

Min Conc: 0

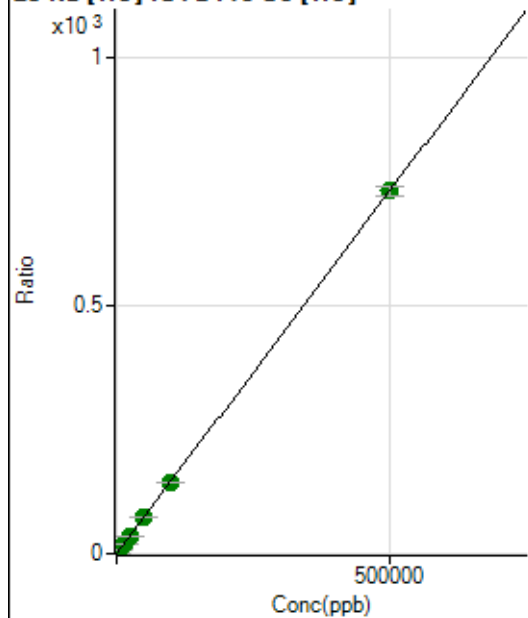
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6382073.63		A	1.0
2	☐			6320795.41		A	1.9
3	☐			6313683.43		A	1.3
4	☐			6356545.63		A	1.2
5	☐			6647923.63		A	1.7
6	☐			7284233.06		A	2.2
7	☐			8194450.70		A	3.3
8	☐			7349697.74		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			56877.46		P	1.6
2	☐			55201.56		P	1.0
3	☐			58299.39		P	2.5
4	☐			57764.42		P	0.4
5	☐			60969.24		P	1.8
6	☐			67416.17		P	0.9
7	☐			78437.26		P	1.1
8	☐			80627.19		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28277.94	0.0829	P	1.9
2	☐	500.000	478.353	267948.95	0.7812	P	0.4
3	☐	5000.000	5025.001	2498626.34	7.4189	A	1.2
4	☐	12500.000	12591.929	6143470.54	18.4658	A	0.7
5	☐	25000.000	24247.006	11899111.03	35.4810	A	1.7
6	☐	50000.000	49476.609	23409662.85	72.3135	A	1.2
7	☐	100000.00	97962.281	46870483.69	143.0975	A	0.3
8	☐	500000.00	500495.00	239897480.3	730.7530	A	2.6

$$y = 0.0015 * x + 0.0829$$

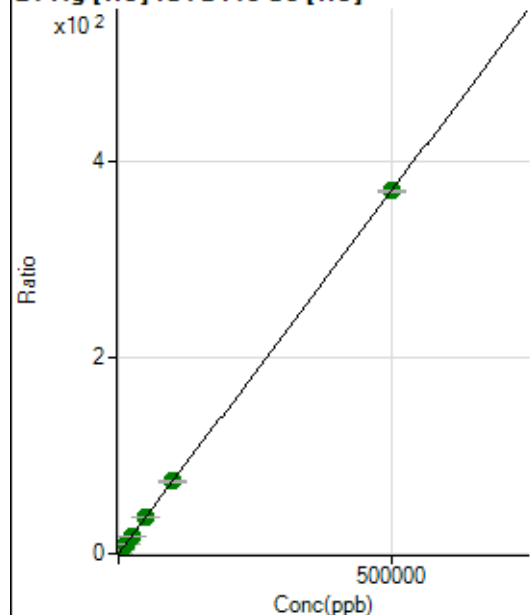
$$R = 1.0000$$

$$DL = 3.276$$

$$BEC = 56.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	811.16	0.0024	P	7.6
2	☐	500.000	493.261	125734.74	0.3666	P	1.1
3	☐	5000.000	5221.884	1299509.46	3.8581	A	0.5
4	☐	12500.000	12874.334	3163227.50	9.5085	A	1.2
5	☐	25000.000	24906.385	6168245.54	18.3927	A	0.8
6	☐	50000.000	50524.803	12077971.28	37.3088	A	1.2
7	☐	100000.00	99665.531	24105532.48	73.5932	A	0.8
8	☐	500000.00	500007.52	121232448.5	369.1969	A	0.6

$$y = 7.3838\text{E-}004 * x + 0.0024$$

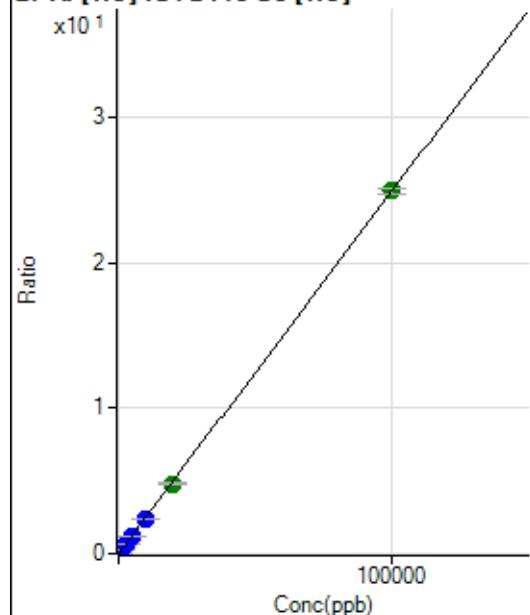
$$R = 1.0000$$

$$DL = 0.7386$$

$$BEC = 3.22$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	314.97	0.0009	P	8.5
2	☐	20.000	17.923	1848.22	0.0054	P	4.3
3	☐	1000.000	981.654	82682.97	0.2455	P	0.6
4	☐	2500.000	2419.616	200840.56	0.6037	P	1.8
5	☐	5000.000	4765.786	398494.85	1.1883	P	0.9
6	☐	10000.000	9628.555	776857.76	2.3998	P	1.5
7	☐	20000.000	19229.961	1569384.94	4.7919	A	2.7
8	☐	100000.00	100205.05	8196856.65	24.9661	A	1.3

$$y = 2.4914\text{E-}004 * x + 9.2371\text{E-}004$$

$$R = 1.0000$$

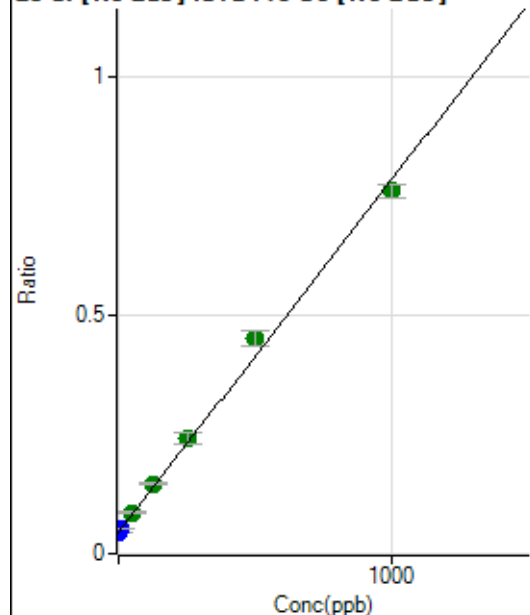
$$DL = 0.9406$$

$$BEC = 3.708$$

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	584916.47	0.0449	P	1.6
2	☐	10.000	9.579	693585.46	0.0520	P	3.4
3	☐	50.000	56.620	1077493.98	0.0867	A	5.6
4	☐	125.000	138.391	1898759.29	0.1472	A	3.0
5	☐	250.000	265.856	3292629.43	0.2415	A	11.0
6	☐	500.000	550.429	5966975.31	0.4519	A	7.3
7	☐	1000.000	968.821	10143279.65	0.7614	A	3.8
8	☐			1731330.56	0.1378	A	3.8

$$y = 7.3956E-004 * x + 0.0449$$

R = 0.9979

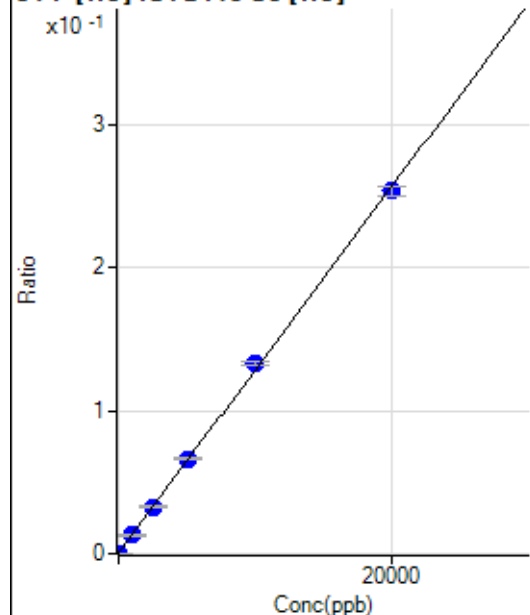
DL = 2.955

BEC = 60.67

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	-1.840	161.12	0.0005	P	24.8
2	☐	0.000	1.840	177.78	0.0005	P	43.8
3	☐	1000.000	998.604	4464.71	0.0133	P	8.7
4	☐	2500.000	2534.499	10943.28	0.0329	P	2.9
5	☐	5000.000	5126.388	22148.03	0.0660	P	2.5
6	☐	10000.000	10369.162	43073.10	0.1331	P	2.8
7	☐	20000.000	19779.579	82993.47	0.2534	P	2.4
8	☐			202.79	0.0006	P	41.4

$$y = 1.2786E-005 * x + 4.9516E-004$$

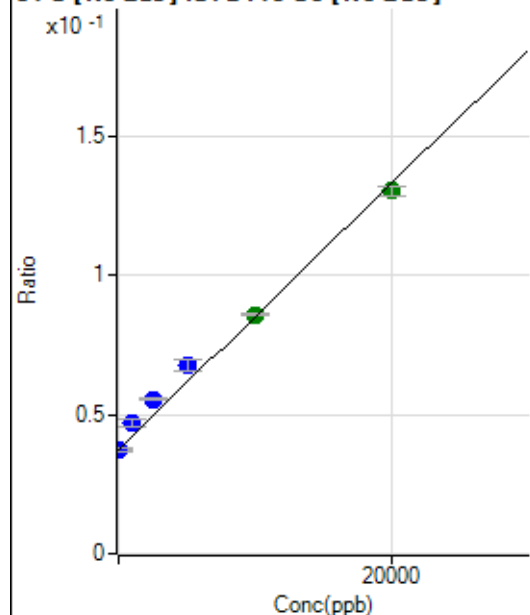
R = 0.9997

DL = 40.38

BEC = 38.73

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	37.401	491490.18	0.0377	P	2.5
2	☐	0.000	-37.401	498590.95	0.0373	P	3.3
3	☐	1000.000	1967.524	583222.40	0.0470	P	5.9
4	☐	2500.000	3764.890	716875.41	0.0556	P	1.7
5	☐	5000.000	6318.008	926420.51	0.0678	P	6.2
6	☐	10000.000	10121.388	1136889.51	0.0861	A	1.2
7	☐	20000.000	19403.317	1739306.22	0.1306	A	2.6
8	☐			432411.01	0.0344	P	0.3

$$y = 4.7947E-006 * x + 0.0375$$

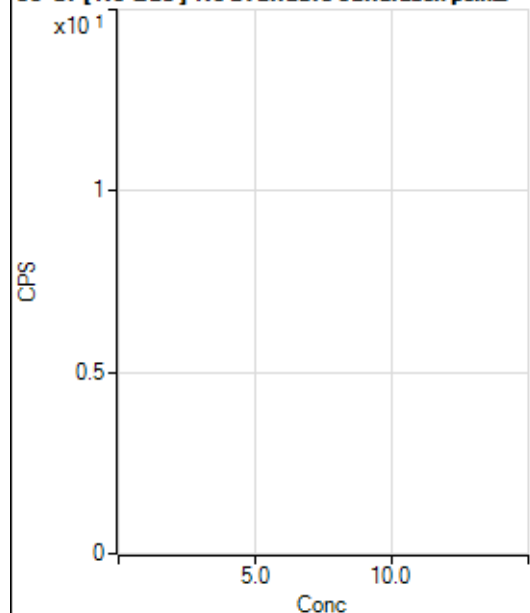
R = 0.9958

DL = 682.9

BEC = 7827

Weight: <None>

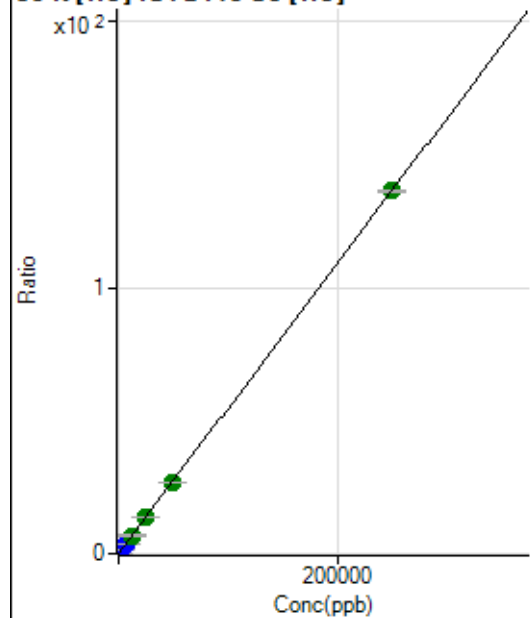
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5997643.67		A	0.6
2	☐			5765830.38		A	0.8
3	☐			5212423.55		A	2.0
4	☐			4898940.91		A	2.8
5	☐			4789757.70		A	2.4
6	☐			3633457.68		A	5.7
7	☐			3012469.73		A	4.1
8	☐			3196464.07		A	1.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			37365.72		P	2.8
2	☐			35897.80		P	1.6
3	☐			29029.64		P	2.1
4	☐			28119.51		P	1.2
5	☐			26555.41		P	1.4
6	☐			17775.18		P	3.0
7	☐			15258.32		P	2.6
8	☐			18617.97		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18356.60	0.0538	P	0.7
2	☐	500.000	475.222	107211.12	0.3126	P	1.0
3	☐	2500.000	2519.854	480275.13	1.4260	P	1.2
4	☐	6250.000	6185.784	1138472.95	3.4224	P	1.9
5	☐	12500.000	12489.458	2299076.59	6.8552	A	0.4
6	☐	25000.000	24835.942	4395488.55	13.5788	A	2.3
7	☐	50000.000	48706.025	8704982.49	26.5779	A	1.3
8	☐	250000.00	250277.18	44768793.36	136.3486	A	0.7

$$y = 5.4458\text{E-}004 * x + 0.0538$$

$$R = 1.0000$$

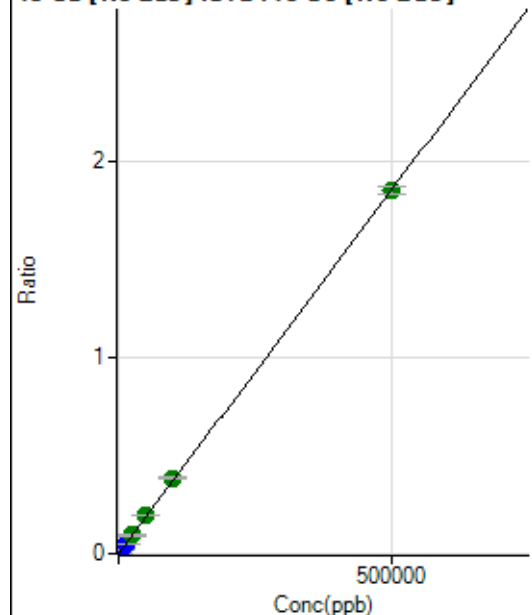
$$DL = 2.023$$

$$BEC = 98.77$$

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	554.94	0.0000	P	6.0
2	☐	500.000	457.629	23192.85	0.0017	P	3.2
3	☐	5000.000	5387.986	248283.27	0.0200	P	6.3
4	☐	12500.000	12976.054	620302.54	0.0481	P	1.7
5	☐	25000.000	25128.297	1272701.59	0.0931	A	4.3
6	☐	50000.000	52882.467	2587907.95	0.1959	A	0.6
7	☐	100000.00	103514.66	5107328.52	0.3834	A	2.3
8	☐	500000.00	498986.66	23209523.01	1.8479	A	2.1

$$y = 3.7032\text{E-}006 * x + 4.2581\text{E-}005$$

$$R = 1.0000$$

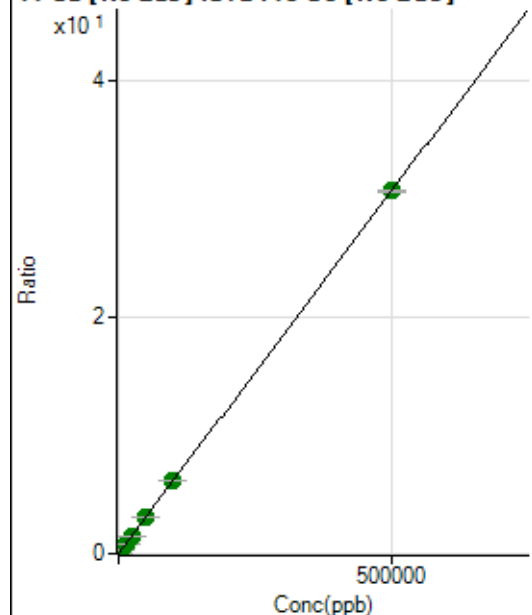
$$DL = 2.082$$

$$BEC = 11.5$$

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	48357.89	0.0037	P	2.2
2	☐	500.000	456.027	422368.36	0.0316	P	4.1
3	☐	5000.000	5361.770	4125273.38	0.3321	A	6.2
4	☐	12500.000	12829.883	10184986.37	0.7896	A	2.2
5	☐	25000.000	24162.509	20283008.82	1.4838	A	4.4
6	☐	50000.000	49825.893	40370592.49	3.0558	A	1.0
7	☐	100000.00	100189.89	81816216.44	6.1409	A	1.6
8	☐	500000.00	500009.48	384730372.6	30.6320	A	0.8

$$y = 6.1255\text{E-}005 * x + 0.0037$$

$$R = 1.0000$$

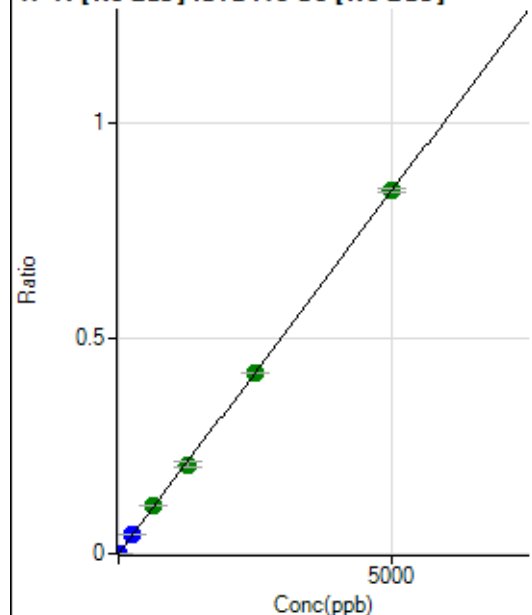
$$DL = 4.026$$

$$BEC = 60.56$$

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	352.79	0.0000	P	17.8
2	☐	5.000	4.837	11212.99	0.0008	P	4.9
3	☐	250.000	267.875	559244.61	0.0451	P	7.4
4	☐	625.000	659.704	1430804.37	0.1109	A	2.5
5	☐	1250.000	1226.965	2818131.86	0.2063	A	6.1
6	☐	2500.000	2494.464	5540615.70	0.4194	A	0.8
7	☐	5000.000	5003.295	11206104.16	0.8411	A	1.1
8	☐			2083.53	0.0002	P	6.8

$$y = 1.6810E-004 * x + 2.7083E-005$$

$$R = 1.0000$$

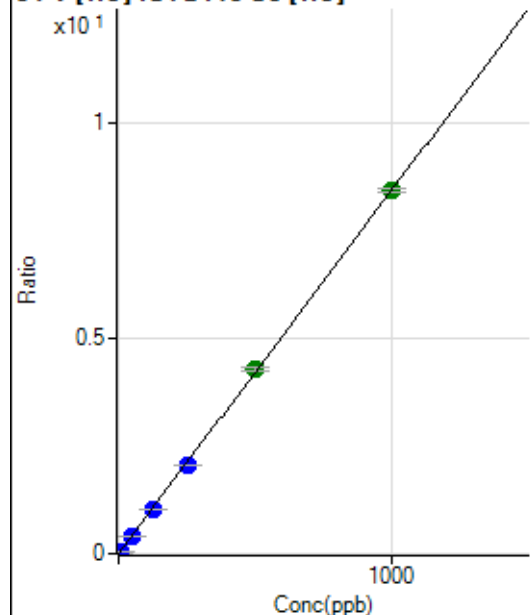
$$DL = 0.08582$$

$$BEC = 0.1611$$

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	17.78	0.0001	P	59.2
2	☐	5.000	4.870	14087.04	0.0411	P	2.7
3	☐	50.000	49.050	139170.54	0.4132	P	0.9
4	☐	125.000	122.744	343970.46	1.0340	P	1.3
5	☐	250.000	241.565	682408.73	2.0348	P	0.4
6	☐	500.000	506.702	1381895.48	4.2682	A	2.3
7	☐	1000.000	999.088	2756277.53	8.4157	A	1.2
8	☐			482.24	0.0015	P	8.1

$$y = 0.0084 * x + 5.1863E-005$$

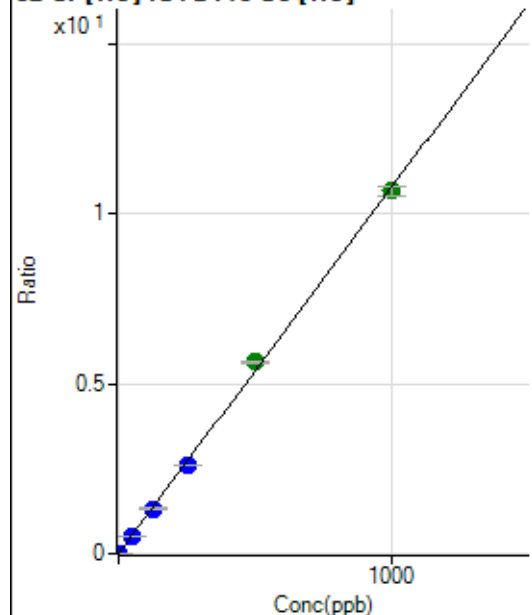
$$R = 0.9999$$

$$DL = 0.01094$$

$$BEC = 0.006157$$

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	1264.51	0.0037	P	1.1
2	☐	2.000	1.915	8346.97	0.0243	P	1.0
3	☐	50.000	49.155	179591.20	0.5332	P	0.8
4	☐	125.000	122.646	440726.74	1.3249	P	1.8
5	☐	250.000	241.248	872755.89	2.6025	P	1.6
6	☐	500.000	523.720	1827627.14	5.6454	A	0.9
7	☐	1000.000	990.665	3496188.18	10.6756	A	2.3
8	☐			9010.70	0.0274	P	3.8

$$y = 0.0108 * x + 0.0037$$

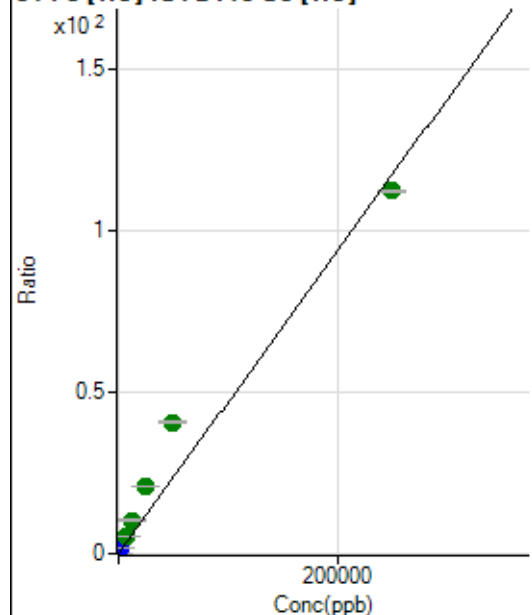
$$R = 0.9995$$

$$DL = 0.01105$$

$$BEC = 0.3439$$

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	775.96	0.0023	P	7.4
2	☐	50.000	47.985	8474.86	0.0247	P	2.7
3	☐	2500.000	4401.809	693886.60	2.0602	P	0.6
4	☐	6250.000	11439.472	1779879.52	5.3505	A	1.5
5	☐	12500.000	22228.629	3485925.51	10.3947	A	0.9
6	☐	25000.000	44689.832	6764419.02	20.8958	A	1.4
7	☐	50000.000	86812.076	13293462.10	40.5890	A	1.1
8	☐	250000.00	240033.41	36848900.36	112.2236	A	0.4

$$y = 4.6752E-004 * x + 0.0023$$

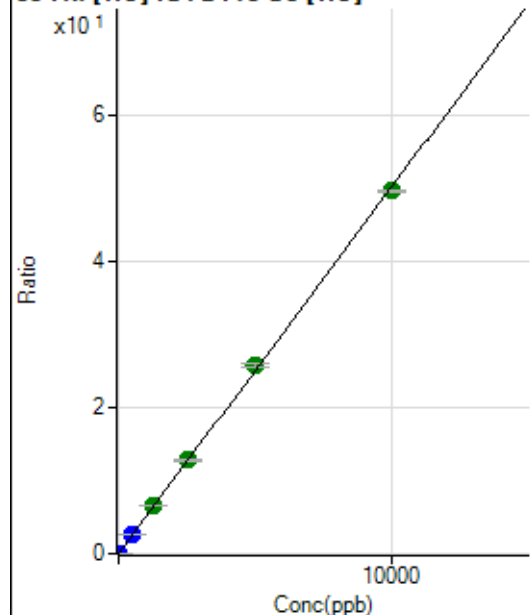
$$R = 0.9858$$

$$DL = 1.087$$

$$BEC = 4.863$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	184.45	0.0005	P	13.7
2	☐	1.000	0.944	1809.02	0.0053	P	4.4
3	☐	500.000	511.696	864171.74	2.5658	P	0.9
4	☐	1250.000	1316.327	2195500.87	6.5995	A	0.9
5	☐	2500.000	2553.854	4293607.71	12.8034	A	1.6
6	☐	5000.000	5153.124	8362304.32	25.8340	A	2.3
7	☐	10000.000	9901.099	16257033.65	49.6364	A	0.9
8	☐			17501.94	0.0533	P	0.6

$$y = 0.0050 * x + 5.4126E-004$$

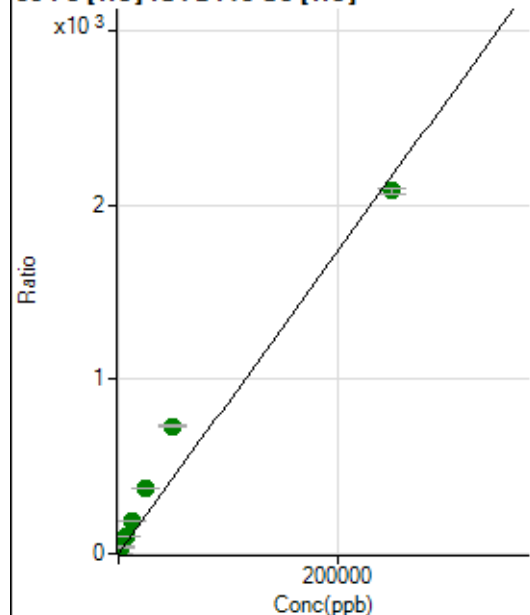
$$R = 0.9998$$

$$DL = 0.04428$$

$$BEC = 0.108$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6977.76	0.0205	P	2.2
2	☐	50.000	48.184	149872.42	0.4370	P	0.1
3	☐	2500.000	4406.906	12834770.89	38.1142	A	3.1
4	☐	6250.000	11120.822	31988120.39	96.1501	A	0.4
5	☐	12500.000	21581.547	62568105.57	186.5737	A	1.1
6	☐	25000.000	43679.287	122242064.7	377.5890	A	1.1
7	☐	50000.000	84605.917	239547118.3	731.3633	A	0.7
8	☐	250000.00	240615.97	682882689.3	2079.931	A	1.5

$$y = 0.0086 * x + 0.0205$$

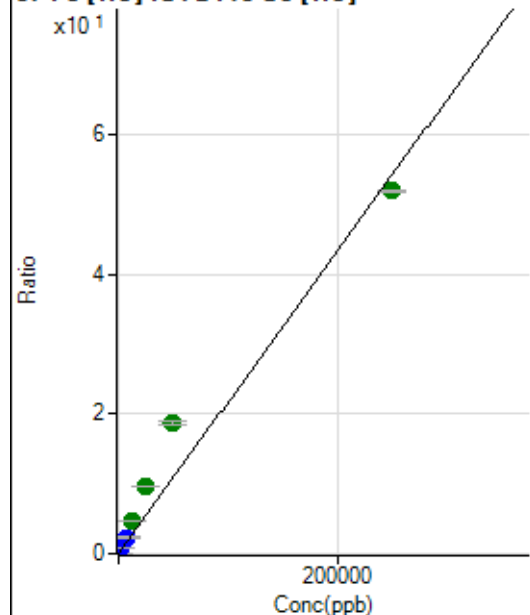
$$R = 0.9875$$

$$DL = 0.1582$$

$$BEC = 2.366$$

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	200.00	0.0006	P	11.2
2	☐	50.000	48.480	3798.72	0.0111	P	1.5
3	☐	2500.000	4290.581	312805.09	0.9288	P	1.7
4	☐	6250.000	10766.512	775058.96	2.3298	P	2.1
5	☐	12500.000	21920.699	1590648.91	4.7430	A	1.1
6	☐	25000.000	44974.097	3150276.20	9.7304	A	0.8
7	☐	50000.000	86482.904	6127490.41	18.7106	A	2.1
8	☐	250000.00	240104.15	17056585.10	51.9455	A	0.2

$$y = 2.1634\text{E-}004 * x + 5.8676\text{E-}004$$

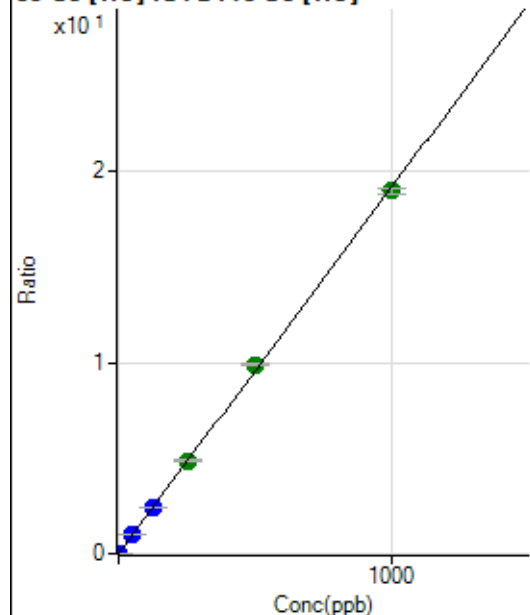
$$R = 0.9859$$

$$DL = 0.9146$$

$$BEC = 2.712$$

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	114.45	0.0003	P	6.0
2	☐	1.000	0.972	6512.66	0.0190	P	1.7
3	☐	50.000	50.705	327751.43	0.9731	P	0.7
4	☐	125.000	124.699	795908.69	2.3927	P	1.9
5	☐	250.000	254.151	1635402.74	4.8762	A	1.8
6	☐	500.000	516.942	3210850.54	9.9178	A	1.0
7	☐	1000.000	990.494	6223403.59	19.0028	A	1.9
8	☐			14783.33	0.0450	P	2.9

$$y = 0.0192 * x + 3.3558\text{E-}004$$

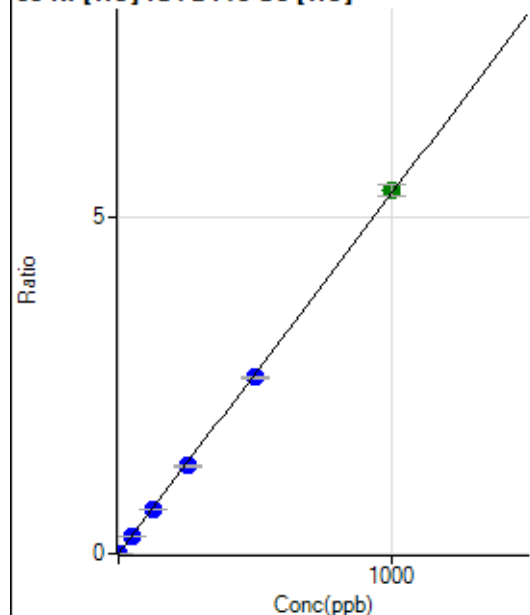
$$R = 0.9998$$

$$DL = 0.003153$$

$$BEC = 0.01749$$

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	206.67	0.0006	P	10.5
2	☐	1.000	0.985	2020.16	0.0059	P	5.1
3	☐	50.000	50.116	90730.92	0.2694	P	1.7
4	☐	125.000	124.105	221625.75	0.6663	P	2.0
5	☐	250.000	242.897	437104.09	1.3034	P	1.0
6	☐	500.000	488.857	849042.70	2.6226	P	0.8
7	☐	1000.000	1007.453	1769658.93	5.4042	A	3.3
8	☐			5176.55	0.0158	P	2.5

$$y = 0.0054 * x + 6.0627E-004$$

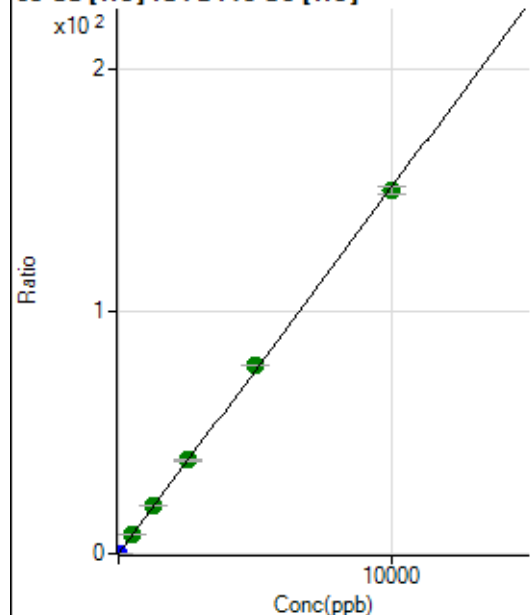
$$R = 0.9999$$

$$DL = 0.03576$$

$$BEC = 0.113$$

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	1380.09	0.0040	P	2.0
2	☐	2.000	1.771	10564.01	0.0308	P	1.7
3	☐	500.000	543.867	2767743.22	8.2185	A	2.3
4	☐	1250.000	1306.805	6567282.75	19.7417	A	1.4
5	☐	2500.000	2564.592	12990933.00	38.7390	A	1.8
6	☐	5000.000	5144.608	25156231.01	77.7069	A	1.0
7	☐	10000.000	9902.254	48981354.83	149.5651	A	2.1
8	☐			16070.33	0.0489	P	1.7

$$y = 0.0151 * x + 0.0040$$

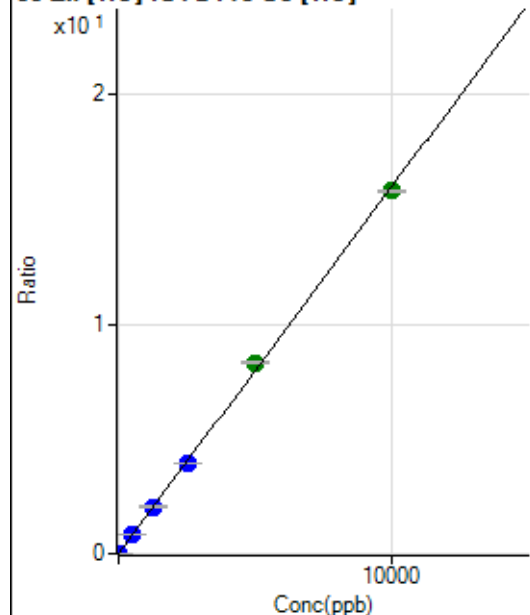
$$R = 0.9998$$

$$DL = 0.01642$$

$$BEC = 0.2678$$

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	668.91	0.0020	P	10.2
2	☐	2.000	2.117	1831.25	0.0053	P	2.9
3	☐	500.000	513.417	276533.38	0.8211	P	1.1
4	☐	1250.000	1275.096	677432.94	2.0363	P	1.4
5	☐	2500.000	2478.469	1326748.18	3.9562	P	0.9
6	☐	5000.000	5211.368	2692127.22	8.3163	A	1.5
7	☐	10000.000	9895.891	5171780.06	15.7901	A	0.7
8	☐			10848.69	0.0330	P	1.1

$$y = 0.0016 * x + 0.0020$$

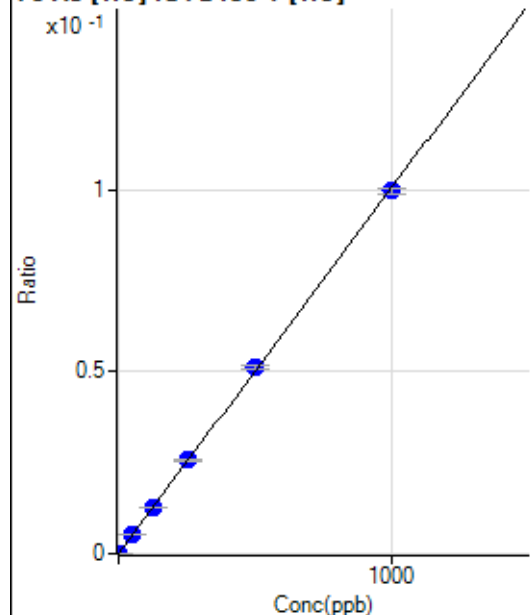
$$R = 0.9997$$

$$DL = 0.3757$$

$$BEC = 1.23$$

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	18.00	0.0000	P	13.3
2	☐	1.000	1.029	336.04	0.0001	P	2.2
3	☐	50.000	51.905	15969.62	0.0052	P	1.1
4	☐	125.000	127.541	38889.80	0.0128	P	0.9
5	☐	250.000	255.353	77764.69	0.0257	P	1.7
6	☐	500.000	512.489	152765.79	0.0515	P	2.0
7	☐	1000.000	992.004	298227.02	0.0997	P	1.5
8	☐			111.68	0.0000	P	2.9

$$y = 1.0052E-004 * x + 5.9113E-006$$

$$R = 0.9999$$

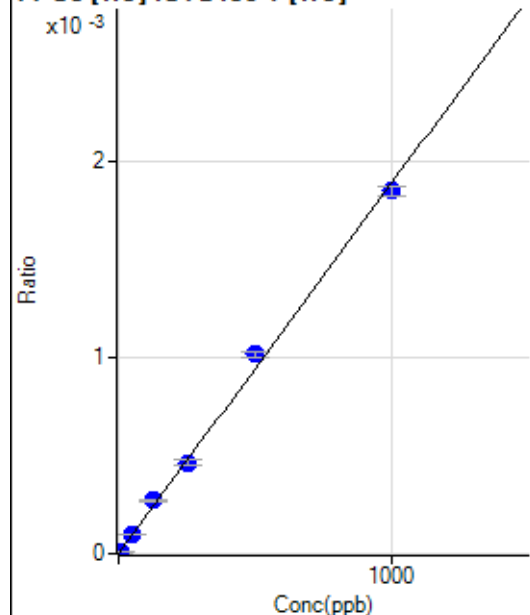
$$DL = 0.02354$$

$$BEC = 0.05881$$

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	2.22	0.0000	P	86.6
2	☐	5.000	4.979	31.11	0.0000	P	65.5
3	☐	50.000	52.136	303.34	0.0001	P	1.7
4	☐	125.000	142.759	820.03	0.0003	P	6.3
5	☐	250.000	245.896	1408.98	0.0005	P	6.4
6	☐	500.000	538.002	3017.03	0.0010	P	2.3
7	☐	1000.000	979.698	5536.70	0.0019	P	2.7
8	☐			2.22	0.0000	P	86.7

$$y = 1.8891\text{E-}006 * x + 7.3054\text{E-}007$$

$$R = 0.9988$$

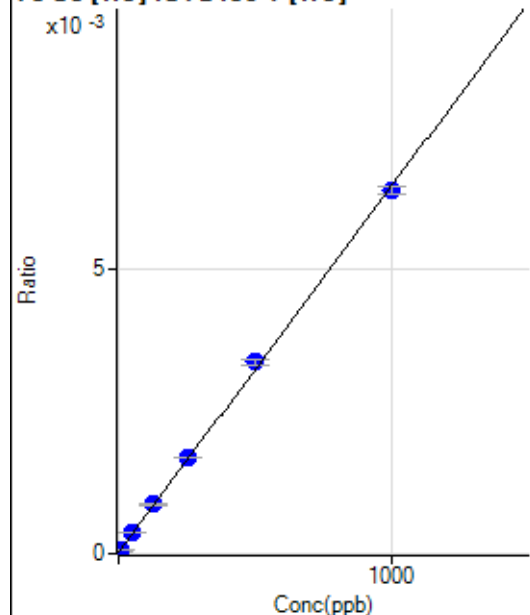
$$DL = 1.005$$

$$BEC = 0.3867$$

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	64.68	0.0000	P	15.5
2	☐	5.000	5.037	165.02	0.0001	P	7.5
3	☐	50.000	53.432	1117.83	0.0004	P	1.3
4	☐	125.000	131.346	2631.52	0.0009	P	2.0
5	☐	250.000	259.064	5122.12	0.0017	P	1.1
6	☐	500.000	519.190	9984.54	0.0034	P	2.5
7	☐	1000.000	987.174	19090.15	0.0064	P	2.0
8	☐			64.01	0.0000	P	12.3

$$y = 6.4450\text{E-}006 * x + 2.1250\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.529$$

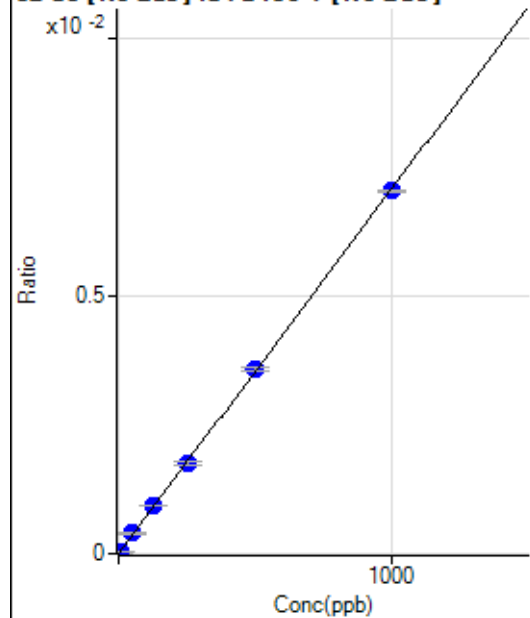
$$BEC = 3.297$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24918.04		P	5.7
2	☐			24968.06		P	4.4
3	☐			25198.64		P	1.8
4	☐			24757.64		P	5.7
5	☐			24630.30		P	3.6
6	☐			23517.44		P	0.8
7	☐			23346.77		P	2.3
8	☐			25238.86		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.88	0.0000	P	2612.
2	☐	5.000	4.962	1212.80	0.0000	P	2.0
3	☐	50.000	55.545	12467.01	0.0004	P	5.5
4	☐	125.000	132.294	30677.35	0.0009	P	1.2
5	☐	250.000	249.270	61366.75	0.0018	P	4.1
6	☐	500.000	507.509	122098.93	0.0036	P	1.8
7	☐	1000.000	995.239	238649.82	0.0070	P	0.5
8	☐			198.90	0.0000	P	20.4

$$y = 7.0697E-006 * x + 7.8224E-008$$

$$R = 0.9999$$

$$DL = 0.867$$

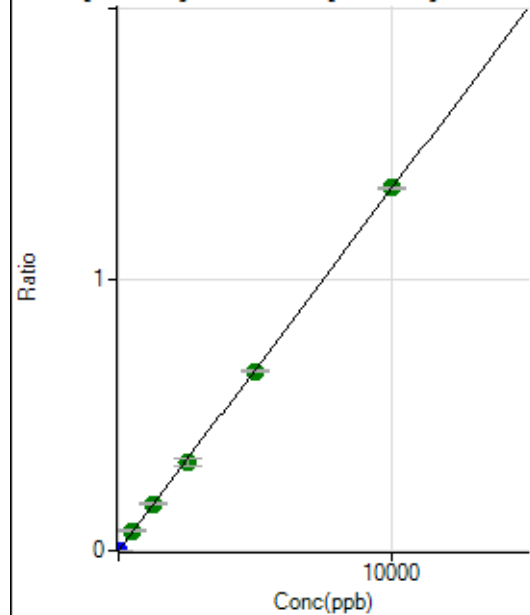
$$BEC = 0.01106$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1000.05		P	8.6
2	☐			953.37		P	3.9
3	☐			952.26		P	4.2
4	☐			960.04		P	6.6
5	☐			1004.49		P	3.3
6	☐			956.71		P	4.2
7	☐			1050.05		P	0.8
8	☐			1046.72		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1716.83	0.0001	P	13.5
2	☐	1.000	1.066	6701.81	0.0002	P	4.6
3	☐	500.000	543.345	2299451.76	0.0725	A	6.0
4	☐	1250.000	1294.322	5657959.59	0.1725	A	1.7
5	☐	2500.000	2444.989	11339537.40	0.3259	A	6.6
6	☐	5000.000	4959.339	22490827.06	0.6609	A	1.4
7	☐	10000.000	10026.376	45318807.26	1.3361	A	0.6
8	☐			21127.62	0.0007	P	1.9

$$y = 1.3325E-004 * x + 5.2196E-005$$

$$R = 0.9999$$

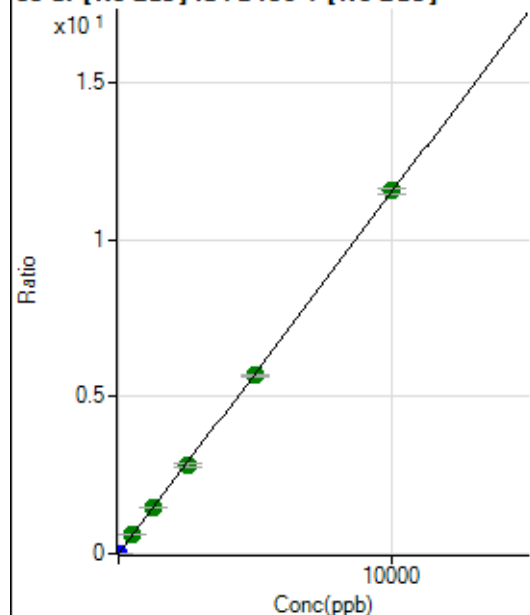
$$DL = 0.1592$$

$$BEC = 0.3917$$

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	1769.61	0.0001	P	8.2
2	☐	1.000	1.061	44003.40	0.0013	P	2.8
3	☐	500.000	534.541	19542713.46	0.6159	A	6.7
4	☐	1250.000	1272.641	48093512.88	1.4663	A	0.8
5	☐	2500.000	2448.141	98184379.97	2.8207	A	5.5
6	☐	5000.000	4932.171	193388632.1	5.6826	A	1.1
7	☐	10000.000	10042.322	392446961.5	11.5702	A	1.6
8	☐			170444.89	0.0053	P	2.3

$$y = 0.0012 * x + 5.3809E-005$$

$$R = 0.9999$$

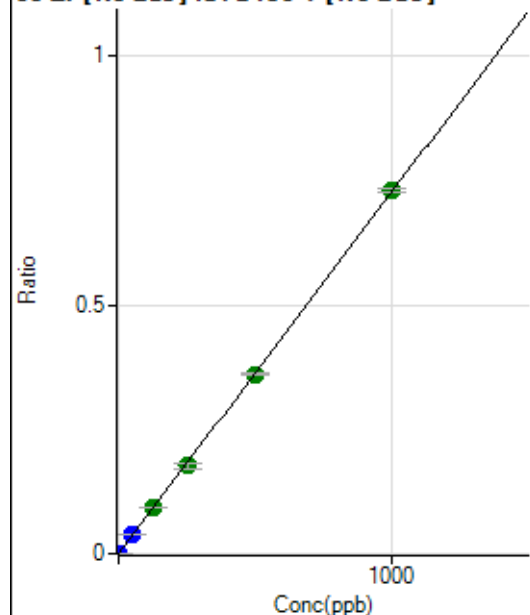
$$DL = 0.01142$$

$$BEC = 0.0467$$

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	1644.58	0.0001	P	0.8
2	☐	1.000	0.893	24085.24	0.0007	P	0.6
3	☐	50.000	51.759	1194474.83	0.0376	P	4.5
4	☐	125.000	128.205	3053531.51	0.0931	A	1.7
5	☐	250.000	242.099	6119986.42	0.1758	A	4.6
6	☐	500.000	495.023	12229382.83	0.3594	A	1.1
7	☐	1000.000	1003.975	24717460.62	0.7288	A	1.2
8	☐			8127.60	0.0003	P	3.5

$$y = 7.2583E-004 * x + 5.0026E-005$$

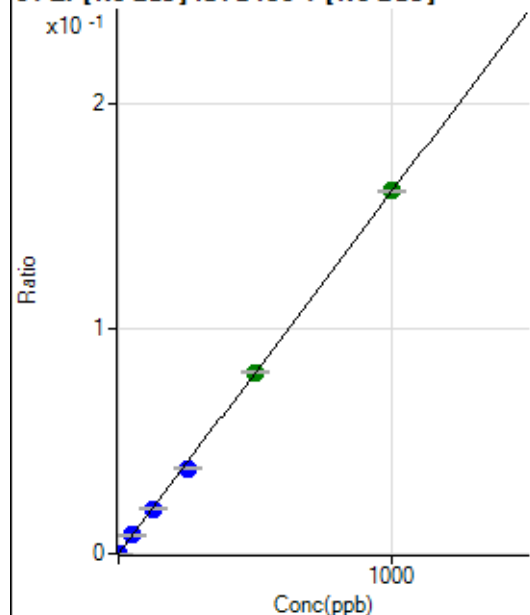
$$R = 0.9999$$

$$DL = 0.001694$$

$$BEC = 0.06892$$

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	338.90	0.0000	P	3.7
2	☐	1.000	0.859	5128.88	0.0001	P	1.6
3	☐	50.000	51.294	262498.25	0.0083	P	4.8
4	☐	125.000	124.207	656050.32	0.0200	P	2.8
5	☐	250.000	236.385	1325555.17	0.0381	P	3.9
6	☐	500.000	500.584	2742847.37	0.0806	A	1.3
7	☐	1000.000	1003.146	5478024.95	0.1615	A	0.7
8	☐			1827.95	0.0001	P	3.4

$$y = 1.6099\text{E-}004 * x + 1.0312\text{E-}005$$

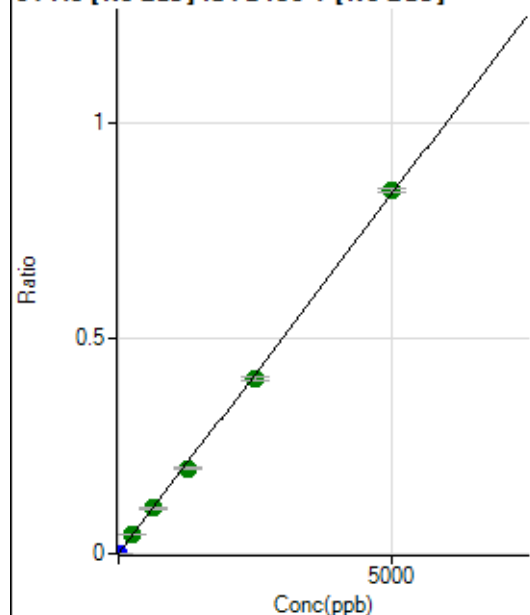
$$R = 0.9999$$

$$DL = 0.007143$$

$$BEC = 0.06405$$

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	677.82	0.0000	P	18.4
2	☐	5.000	4.684	27750.63	0.0008	P	0.5
3	☐	250.000	264.973	1407781.20	0.0444	A	6.1
4	☐	625.000	628.873	3451181.50	0.1052	A	2.6
5	☐	1250.000	1182.081	6890972.77	0.1978	A	2.3
6	☐	2500.000	2441.949	13904981.04	0.4086	A	2.1
7	☐	5000.000	5044.773	28630268.70	0.8441	A	1.0
8	☐			9642.50	0.0003	P	7.9

$$y = 1.6732\text{E-}004 * x + 2.0642\text{E-}005$$

$$R = 0.9998$$

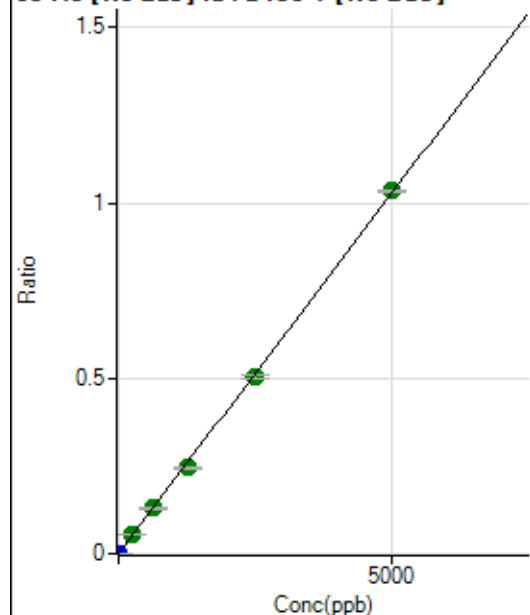
$$DL = 0.06798$$

$$BEC = 0.1234$$

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	227.79	0.0000	P	2.8
2	☐	5.000	4.747	33864.15	0.0010	P	0.6
3	☐	250.000	266.368	1735582.59	0.0547	A	6.5
4	☐	625.000	630.763	4246819.71	0.1295	A	2.8
5	☐	1250.000	1194.457	8544006.62	0.2452	A	2.0
6	☐	2500.000	2450.831	17122645.18	0.5032	A	2.2
7	☐	5000.000	5036.932	35075535.16	1.0341	A	0.6
8	☐			11174.22	0.0003	P	4.8

$$y = 2.0531E-004 * x + 6.9306E-006$$

$$R = 0.9998$$

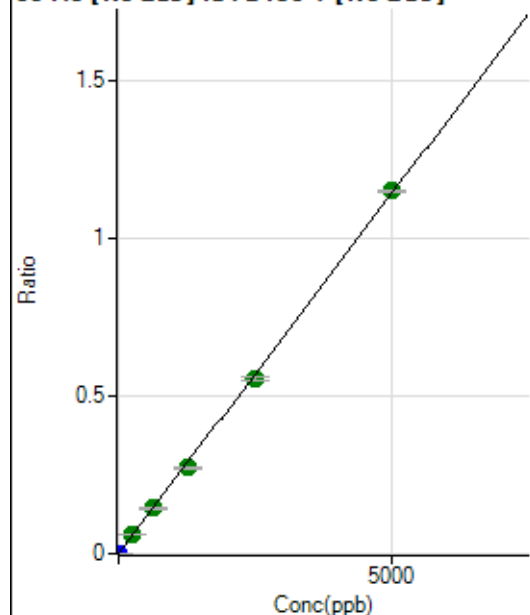
$$DL = 0.002873$$

$$BEC = 0.03376$$

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	466.69	0.0000	P	8.5
2	☐	5.000	4.683	37359.44	0.0011	P	1.8
3	☐	250.000	265.585	1923532.79	0.0606	A	7.0
4	☐	625.000	636.752	4765340.99	0.1453	A	3.1
5	☐	1250.000	1199.936	9540218.53	0.2739	A	2.3
6	☐	2500.000	2436.023	18918704.59	0.5560	A	1.9
7	☐	5000.000	5042.257	39029936.64	1.1507	A	0.8
8	☐			26078.08	0.0008	P	4.5

$$y = 2.2822E-004 * x + 1.4203E-005$$

$$R = 0.9998$$

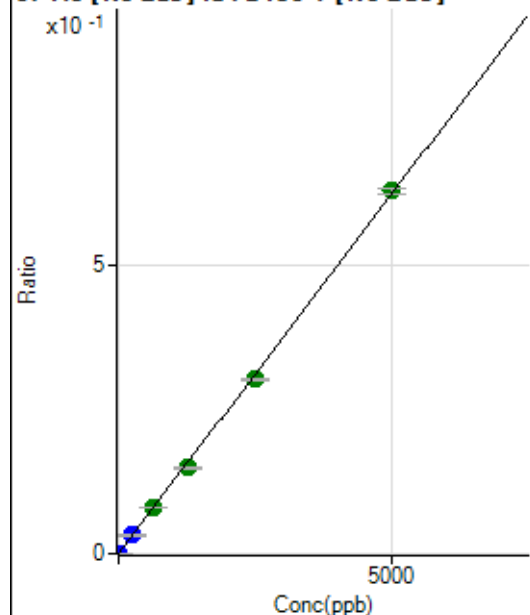
$$DL = 0.01588$$

$$BEC = 0.06223$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	155.56	0.0000	P	4.3
2	☐	5.000	4.752	20652.02	0.0006	P	4.8
3	☐	250.000	263.170	1043761.87	0.0329	P	7.1
4	☐	625.000	639.131	2619847.13	0.0799	A	2.4
5	☐	1250.000	1197.394	5213199.42	0.1497	A	3.0
6	☐	2500.000	2427.556	10327088.60	0.3034	A	0.7
7	☐	5000.000	5046.949	21396085.90	0.6308	A	1.4
8	☐			6610.11	0.0002	P	7.7

$$y = 1.2499\text{E-}004 * x + 4.7339\text{E-}006$$

R = 0.9998

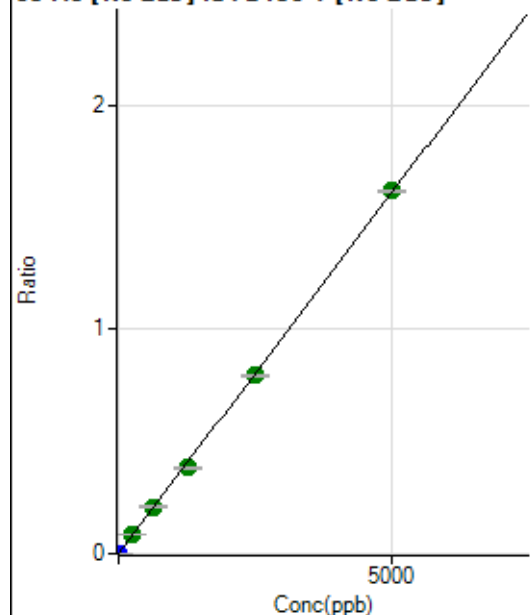
DL = 0.004888

BEC = 0.03787

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	355.57	0.0000	P	9.6
2	☐	5.000	4.819	53924.75	0.0016	P	3.0
3	☐	250.000	267.195	2731911.09	0.0861	A	6.3
4	☐	625.000	648.858	6855156.40	0.2090	A	2.2
5	☐	1250.000	1192.025	13375207.59	0.3840	A	3.2
6	☐	2500.000	2467.723	27055989.32	0.7950	A	1.5
7	☐	5000.000	5026.790	54927333.87	1.6194	A	0.7
8	☐			15687.07	0.0005	P	7.6

$$y = 3.2215\text{E-}004 * x + 1.0818\text{E-}005$$

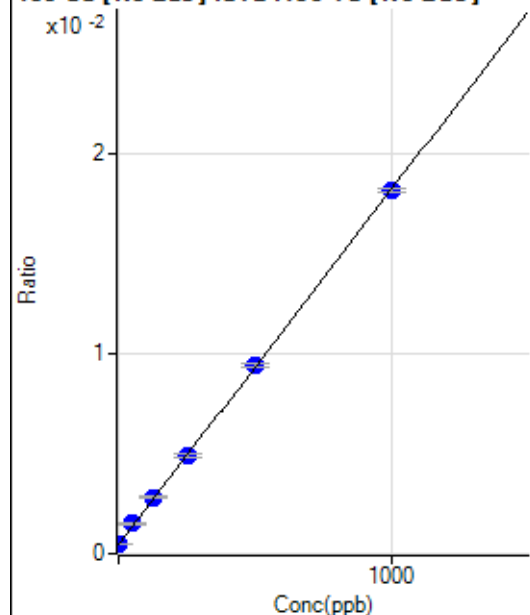
R = 0.9999

DL = 0.009716

BEC = 0.03358

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	7632.88	0.0005	P	8.1
2	☐	1.000	0.283	8066.50	0.0005	P	6.0
3	☐	50.000	58.445	24080.08	0.0015	P	4.7
4	☐	125.000	133.720	48310.50	0.0028	P	3.3
5	☐	250.000	250.850	91000.85	0.0049	P	3.9
6	☐	500.000	505.759	169247.93	0.0094	P	1.4
7	☐	1000.000	995.397	327449.27	0.0181	P	1.1
8	☐			8249.90	0.0005	P	1.3

$$y = 1.7776\text{E-}005 * x + 4.5350\text{E-}004$$

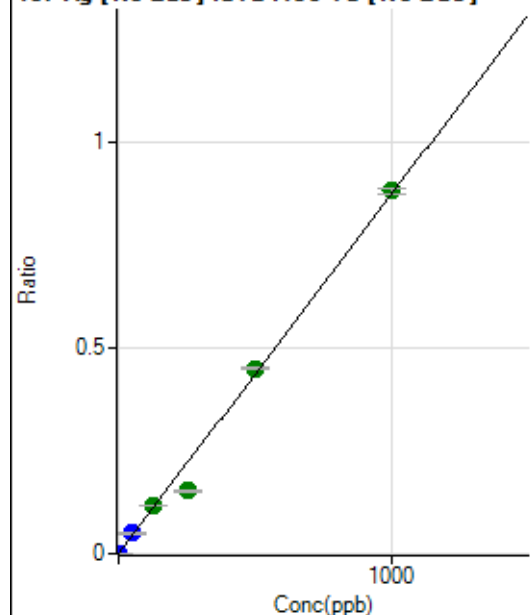
$$R = 0.9999$$

$$DL = 6.17$$

$$BEC = 25.51$$

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	311.12	0.0000	P	16.4
2	☐	1.000	0.954	14983.53	0.0009	P	2.8
3	☐	50.000	56.536	797073.49	0.0494	P	5.7
4	☐	125.000	135.120	2016484.23	0.1181	A	0.6
5	☐	250.000	174.495	2826724.56	0.1525	A	2.7
6	☐	500.000	515.866	8081913.20	0.4509	A	0.7
7	☐	1000.000	1009.351	15919354.35	0.8823	A	1.4
8	☐			4881.56	0.0003	P	5.4

$$y = 8.7411\text{E-}004 * x + 1.8503\text{E-}005$$

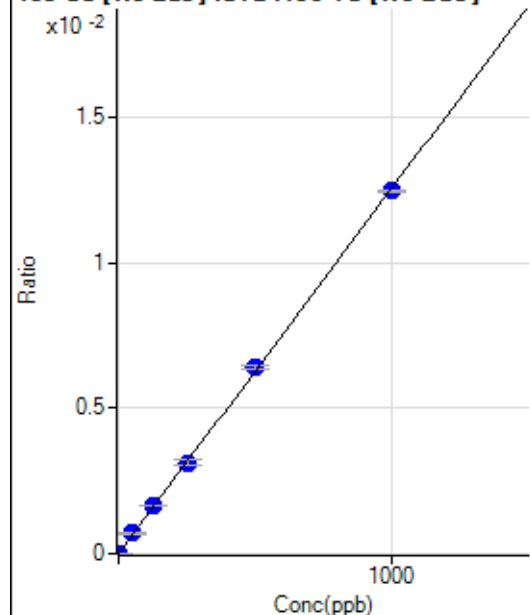
$$R = 0.9964$$

$$DL = 0.01043$$

$$BEC = 0.02117$$

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	51.39	0.0000	P	35.0
2	☐	1.000	1.057	286.12	0.0000	P	10.4
3	☐	50.000	56.757	11525.77	0.0007	P	6.9
4	☐	125.000	131.155	28133.15	0.0016	P	2.1
5	☐	250.000	248.644	57801.37	0.0031	P	5.7
6	☐	500.000	510.496	114823.20	0.0064	P	1.8
7	☐	1000.000	993.984	225037.74	0.0125	P	0.8
8	☐			125.00	0.0000	P	14.8

$$y = 1.2544\text{E-}005 * x + 3.0402\text{E-}006$$

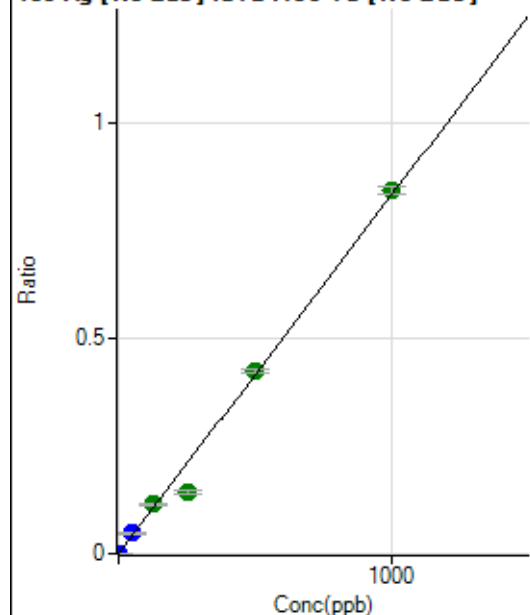
$$R = 0.9999$$

$$DL = 0.2542$$

$$BEC = 0.2424$$

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	225.01	0.0000	P	13.1
2	☐	1.000	0.981	14605.39	0.0008	P	5.3
3	☐	50.000	57.066	767082.11	0.0476	P	6.8
4	☐	125.000	137.037	1950816.30	0.1143	A	1.0
5	☐	250.000	173.204	2673765.51	0.1444	A	6.2
6	☐	500.000	510.526	7628881.07	0.4257	A	2.3
7	☐	1000.000	1012.078	15227485.41	0.8440	A	2.0
8	☐			4784.31	0.0003	P	8.2

$$y = 8.3388\text{E-}004 * x + 1.3378\text{E-}005$$

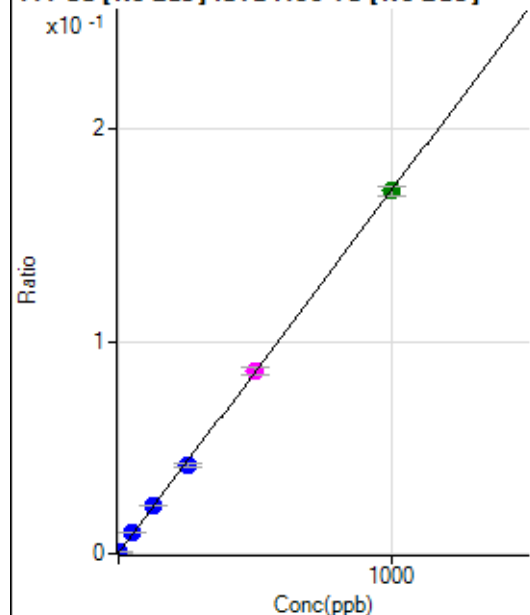
$$R = 0.9963$$

$$DL = 0.006312$$

$$BEC = 0.01604$$

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	5363.99	0.0003	P	8.4
2	☐	1.000	0.897	8299.38	0.0005	P	3.0
3	☐	50.000	56.145	159785.20	0.0099	P	6.6
4	☐	125.000	131.591	389283.73	0.0228	P	1.2
5	☐	250.000	242.724	773898.39	0.0418	P	5.4
6	☐	500.000	503.924	1548602.72	0.0864	M	4.0
7	☐	1000.000	998.726	3084806.70	0.1710	A	2.4
8	☐			6541.64	0.0004	P	1.4

$$y = 1.7089\text{E-}004 * x + 3.1871\text{E-}004$$

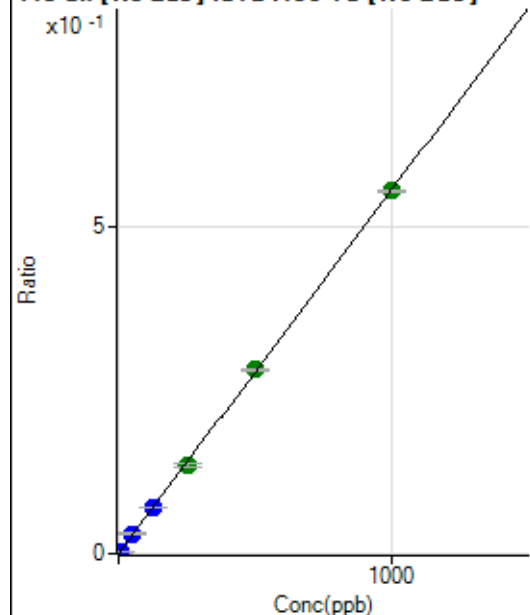
$$R = 0.9999$$

$$DL = 0.4701$$

$$BEC = 1.865$$

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	3889.53	0.0002	P	2.1
2	☐	5.000	4.879	51598.24	0.0029	P	3.9
3	☐	50.000	53.440	481014.12	0.0299	P	8.3
4	☐	125.000	127.446	1210349.18	0.0709	P	1.0
5	☐	250.000	245.427	2525178.18	0.1363	A	4.2
6	☐	500.000	505.655	5029656.41	0.2806	A	1.5
7	☐	1000.000	997.839	9988758.99	0.5536	A	0.8
8	☐			5206.70	0.0003	P	6.6

$$y = 5.5456\text{E-}004 * x + 2.3077\text{E-}004$$

$$R = 1.0000$$

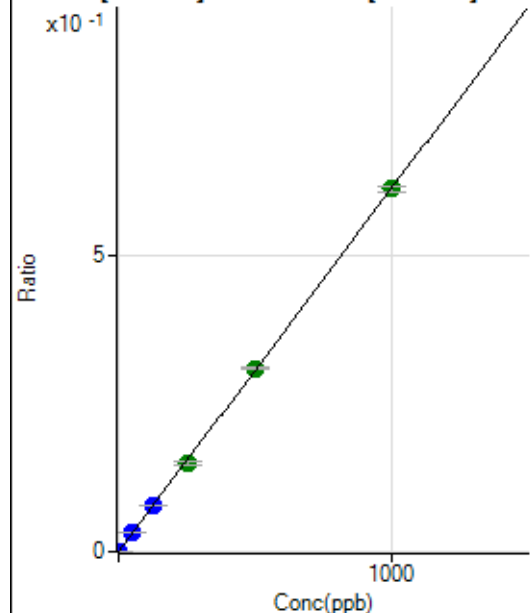
$$DL = 0.02681$$

$$BEC = 0.4161$$

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	161.12	0.0000	P	29.9
2	☐	2.000	1.952	21250.34	0.0012	P	2.2
3	☐	50.000	53.658	531740.51	0.0330	P	6.3
4	☐	125.000	127.923	1342148.48	0.0786	P	2.1
5	☐	250.000	243.925	2777442.77	0.1499	A	4.0
6	☐	500.000	504.186	5553732.29	0.3099	A	1.4
7	☐	1000.000	998.877	11077672.04	0.6139	A	1.7
8	☐			6768.51	0.0004	P	11.0

$$y = 6.1463\text{E-}004 * x + 9.5422\text{E-}006$$

$$R = 1.0000$$

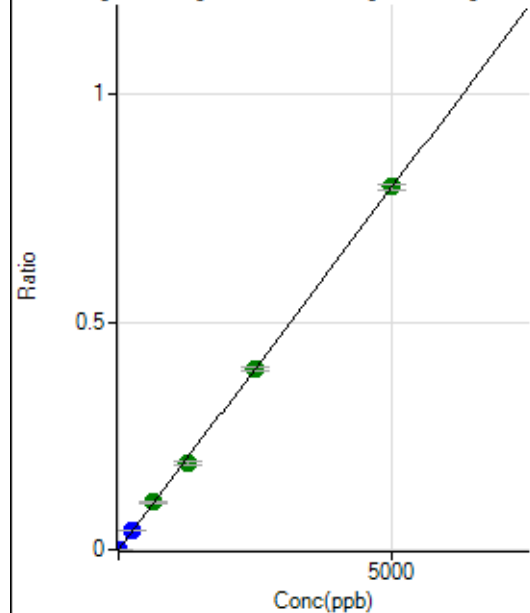
$$DL = 0.01395$$

$$BEC = 0.01553$$

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	91.67	0.0000	P	24.2
2	☐	10.000	9.497	26615.74	0.0015	P	2.1
3	☐	250.000	264.575	677744.54	0.0420	P	5.8
4	☐	625.000	651.967	1767808.22	0.1036	A	3.4
5	☐	1250.000	1200.389	3531888.84	0.1907	A	4.5
6	☐	2500.000	2492.267	7095469.08	0.3959	A	1.8
7	☐	5000.000	5012.170	14366225.14	0.7963	A	1.8
8	☐			6143.25	0.0004	P	7.7

$$y = 1.5887\text{E-}004 * x + 5.4413\text{E-}006$$

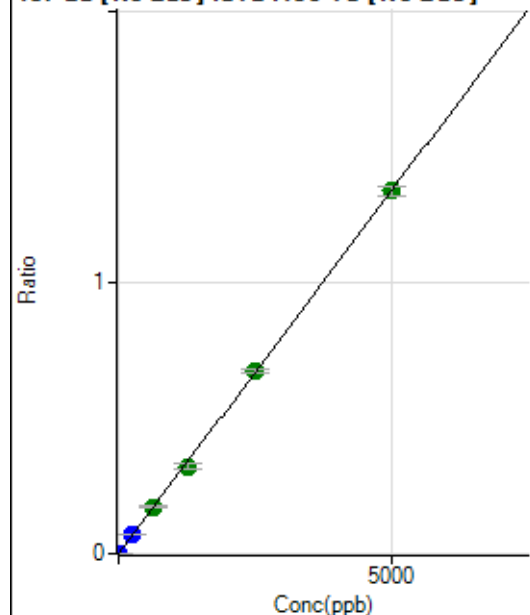
$$R = 0.9999$$

$$DL = 0.02485$$

$$BEC = 0.03425$$

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	202.79	0.0000	P	10.5
2	☐	10.000	9.513	44981.10	0.0026	P	2.1
3	☐	250.000	266.323	1149878.82	0.0713	P	6.7
4	☐	625.000	647.851	2961596.59	0.1735	A	0.7
5	☐	1250.000	1205.338	5978694.36	0.3228	A	4.9
6	☐	2500.000	2517.328	12080957.21	0.6741	A	1.9
7	☐	5000.000	4998.830	24151499.67	1.3387	A	2.3
8	☐			10507.11	0.0006	P	6.4

$$y = 2.6779E-004 * x + 1.2023E-005$$

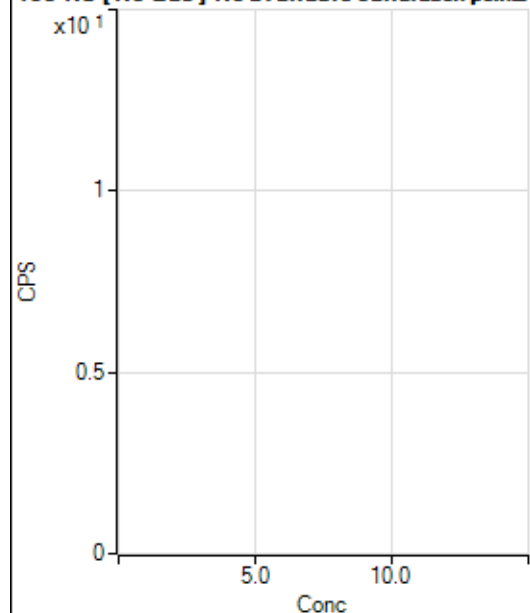
$$R = 0.9999$$

$$DL = 0.01409$$

$$BEC = 0.0449$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	124.9
2	☐			11.11		P	91.7
3	☐			40.00		P	33.3
4	☐			115.56		P	46.6
5	☐			160.01		P	7.2
6	☐			291.12		P	20.7
7	☐			680.03		P	4.5
8	☐			71.11		P	35.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			5.56		P	91.6
5	☐			12.22		P	15.7
6	☐			30.00		P	33.3
7	☐			63.33		P	13.9
8	☐			20.00		P	16.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	173.2
2	☐			22.22		P	57.3
3	☐			44.45		P	57.3
4	☐			61.11		P	34.3
5	☐			180.56		P	18.7
6	☐			250.01		P	17.6
7	☐			566.70		P	13.5
8	☐			1852.96		P	5.6

156 Dy [He] No available calibration points

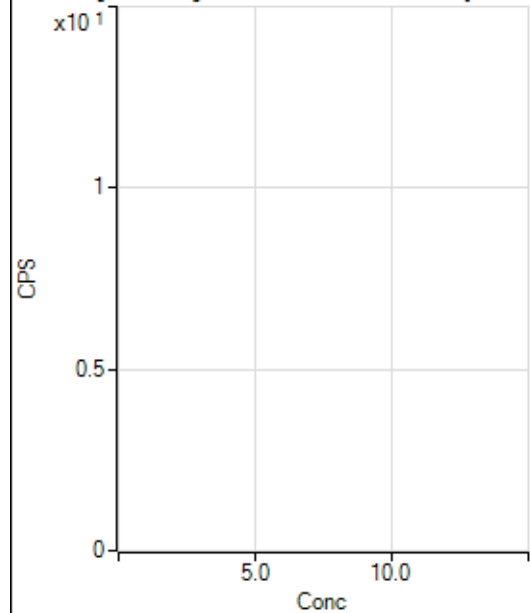
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	50.0
2	☐			7.78		P	65.5
3	☐			16.67		P	NaN
4	☐			31.11		P	30.9
5	☐			68.89		P	26.7
6	☐			100.00		P	17.6
7	☐			237.78		P	18.0
8	☐			935.60		P	3.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			130.56		P	24.2
2	☐			119.45		P	10.7
3	☐			100.00		P	30.0
4	☐			161.12		P	21.5
5	☐			258.34		P	16.1
6	☐			347.24		P	10.0
7	☐			611.14		P	4.4
8	☐			2027.99		P	2.3

160 Gd [He] No available calibration points

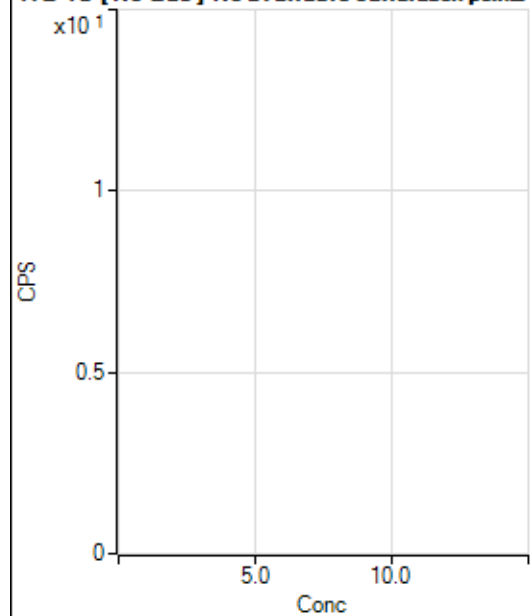
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			52.22		P	32.1
2	☐			37.78		P	13.5
3	☐			71.11		P	14.3
4	☐			82.22		P	12.4
5	☐			102.22		P	31.3
6	☐			148.89		P	4.7
7	☐			297.78		P	11.8
8	☐			1061.17		P	5.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			116.67		P	24.7
2	☐			80.56		P	6.0
3	☐			108.34		P	48.0
4	☐			133.34		P	39.0
5	☐			119.45		P	4.0
6	☐			122.23		P	14.2
7	☐			280.57		P	6.9
8	☐			405.58		P	26.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			35.56		P	14.3
2	☐			44.44		P	11.5
3	☐			50.00		P	24.0
4	☐			52.22		P	3.7
5	☐			61.11		P	15.7
6	☐			63.33		P	13.9
7	☐			123.34		P	0.0
8	☐			176.67		P	14.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			33.34		P	43.3
2	☐			30.56		P	78.7
3	☐			36.11		P	26.7
4	☐			30.56		P	31.5
5	☐			33.33		P	25.0
6	☐			52.78		P	89.8
7	☐			86.12		P	34.0
8	☐			144.45		P	14.5

172 Yb [He] No available calibration points

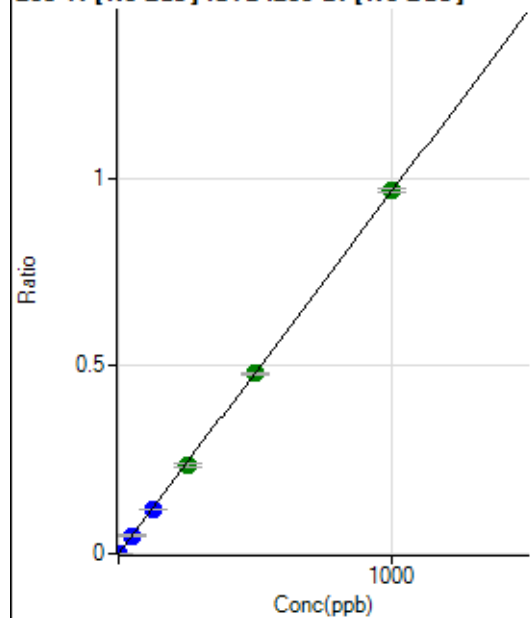
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	33.3
2	☐			29.63		P	21.7
3	☐			14.82		P	21.7
4	☐			22.22		P	25.0
5	☐			16.67		P	33.3
6	☐			24.07		P	58.1
7	☐			24.08		P	70.5
8	☐			46.30		P	38.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1752.95		P	6.5
2	☐			1933.52		P	8.5
3	☐			3392.21		P	2.1
4	☐			6398.95		P	4.5
5	☐			11435.90		P	3.0
6	☐			20507.96		P	1.5
7	☐			39521.08		P	3.0
8	☐			1950.21		P	5.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2654.02		P	5.3
2	☐			2342.85		P	5.3
3	☐			3098.56		P	4.8
4	☐			4578.66		P	6.0
5	☐			6751.86		P	1.6
6	☐			11319.86		P	0.7
7	☐			20234.32		P	1.2
8	☐			2189.11		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	816.72	0.0001	P	6.0
2	☐	1.000	0.923	8858.82	0.0010	P	3.6
3	☐	50.000	50.031	414499.77	0.0483	P	8.3
4	☐	125.000	120.261	1054681.33	0.1161	P	0.8
5	☐	250.000	246.579	2286617.19	0.2379	A	4.6
6	☐	500.000	497.273	4508843.94	0.4796	A	1.5
7	☐	1000.000	1002.810	9010250.98	0.9670	A	1.1
8	☐			2322.50	0.0003	P	9.0

$$y = 9.6425E-004 * x + 9.2184E-005$$

$$R = 1.0000$$

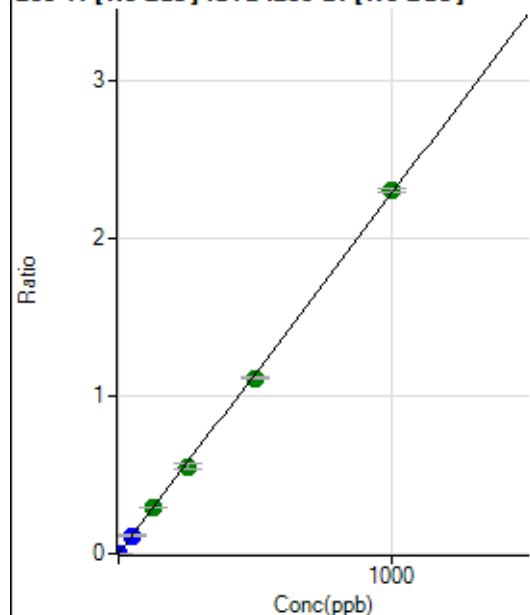
$$DL = 0.01723$$

$$BEC = 0.0956$$

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	1705.72	0.0002	P	6.9
2	☐	1.000	0.908	20405.48	0.0023	P	3.3
3	☐	50.000	50.506	988461.03	0.1153	P	8.3
4	☐	125.000	127.650	2645185.65	0.2911	A	1.5
5	☐	250.000	242.969	5323024.86	0.5539	A	5.4
6	☐	500.000	487.304	10441979.31	1.1106	A	0.9
7	☐	1000.000	1007.749	21397621.14	2.2966	A	1.0
8	☐			5479.09	0.0007	P	5.7

$$y = 0.0023 * x + 1.9253E-004$$

R = 0.9998

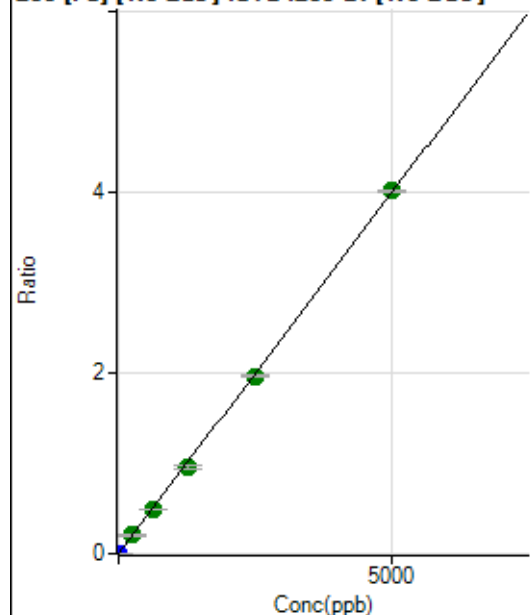
DL = 0.01758

BEC = 0.08449

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	1474.19	0.0002	P	9.5
2	☐	1.000	0.911	8050.80	0.0009	P	3.3
3	☐	250.000	258.351	1766930.19	0.2060	A	7.9
4	☐	625.000	621.863	4504840.96	0.4957	A	1.1
5	☐	1250.000	1194.323	9149113.51	0.9519	A	5.0
6	☐	2500.000	2463.935	18461047.17	1.9636	A	0.9
7	☐	5000.000	5031.926	37362486.02	4.0099	A	0.5
8	☐			15485.37	0.0020	P	3.4

$$y = 7.9685E-004 * x + 1.6654E-004$$

R = 0.9999

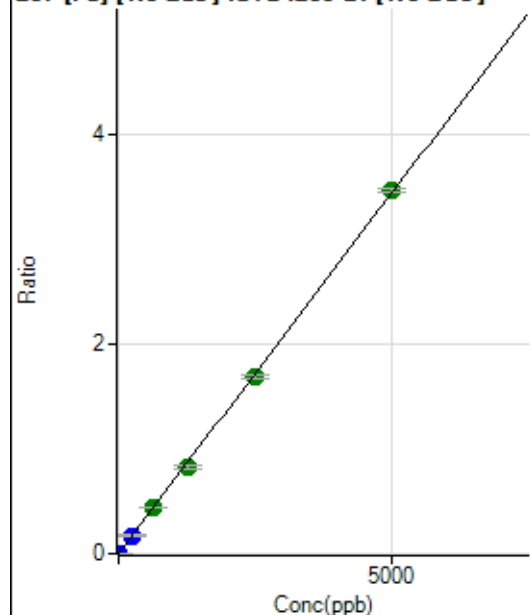
DL = 0.05944

BEC = 0.209

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	1203.78	0.0001	P	10.8
2	☐	1.000	0.932	6998.32	0.0008	P	4.4
3	☐	250.000	246.590	1454418.96	0.1695	P	6.7
4	☐	625.000	632.071	3946641.87	0.4343	A	1.1
5	☐	1250.000	1194.898	7888686.17	0.8208	A	5.5
6	☐	2500.000	2457.469	15870379.99	1.6880	A	1.4
7	☐	5000.000	5034.327	32219997.71	3.4579	A	1.0
8	☐			13570.31	0.0017	P	2.2

$$y = 6.8684E-004 * x + 1.3607E-004$$

R = 0.9999

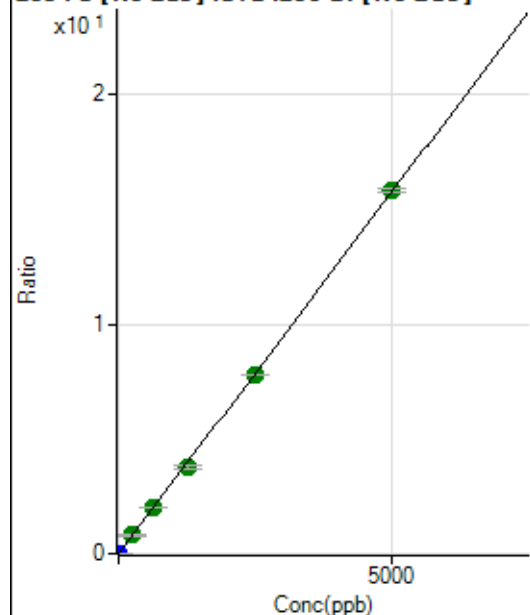
DL = 0.06396

BEC = 0.1981

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	5683.93	0.0006	P	3.4
2	☐	1.000	0.914	31693.39	0.0035	P	2.5
3	☐	250.000	259.246	6998158.87	0.8156	A	6.5
4	☐	625.000	628.675	17965300.40	1.9768	A	0.9
5	☐	1250.000	1205.768	36436851.04	3.7909	A	5.1
6	☐	2500.000	2473.274	73102580.34	7.7752	A	0.6
7	☐	5000.000	5023.499	147143872.5	15.7916	A	0.9
8	☐			61958.83	0.0079	P	3.2

$$y = 0.0031 * x + 6.4195E-004$$

R = 0.9999

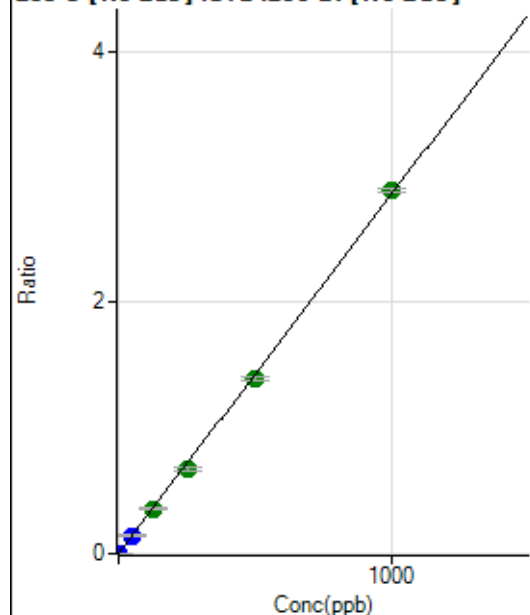
DL = 0.02058

BEC = 0.2042

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	111.11	0.0000	P	31.6
2	☐	1.000	0.897	23252.53	0.0026	P	4.3
3	☐	50.000	48.722	1194856.97	0.1394	P	9.0
4	☐	125.000	124.946	3248503.61	0.3574	A	3.2
5	☐	250.000	236.141	6495560.52	0.6755	A	3.7
6	☐	500.000	487.918	13122600.55	1.3958	A	1.6
7	☐	1000.000	1009.576	26913474.56	2.8881	A	1.1
8	☐			3867.38	0.0005	P	10.8

$$y = 0.0029 * x + 1.2573E-005$$

$$R = 0.9998$$

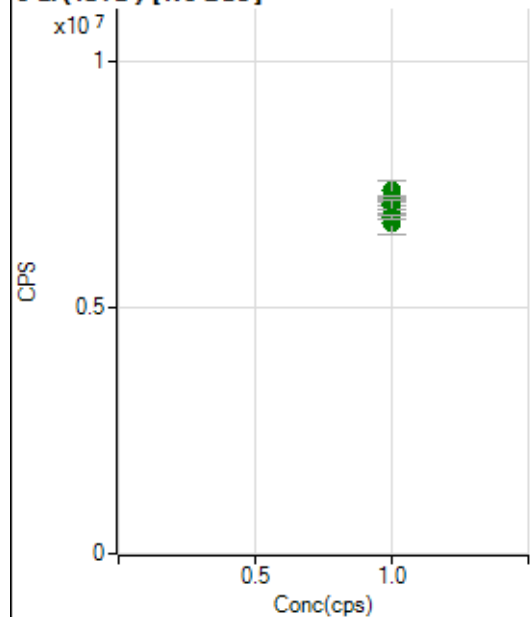
$$DL = 0.004166$$

$$BEC = 0.004395$$

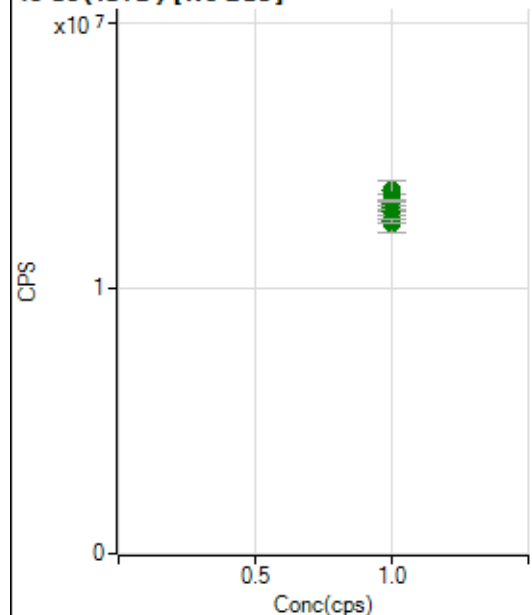
Weight: <None>

Min Conc: 0

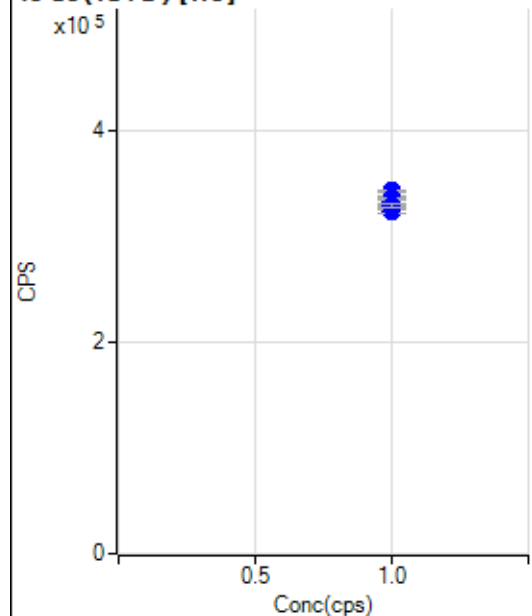
6 Li (ISTD) [No Gas]



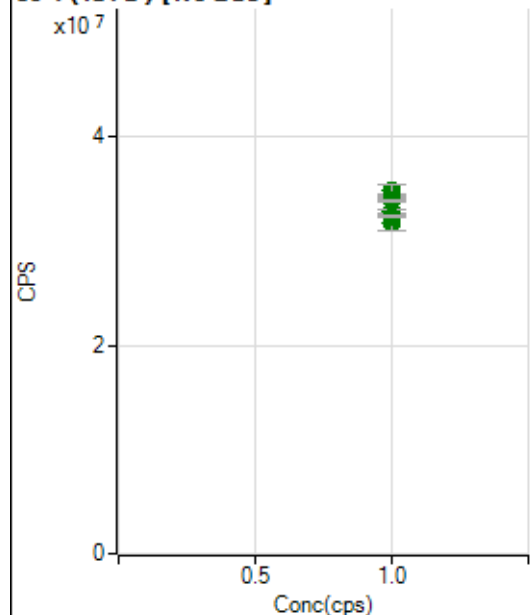
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6914044.71		A	0.2
2	☐	1.000		7266265.67		A	0.5
3	☐	1.000		6708722.78		A	6.2
4	☐	1.000		7102138.92		A	2.6
5	☐	1.000		7377769.95		A	5.5
6	☐	1.000		7181757.58		A	2.4
7	☐	1.000		7092206.99		A	3.0
8	☐	1.000		6840765.70		A	1.6

45 Sc (ISTD) [No Gas]

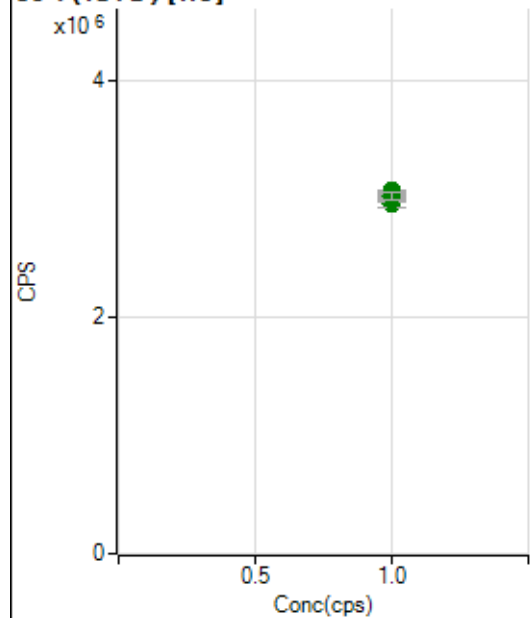
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13037783.28		A	1.7
2	☐	1.000		13359968.55		A	3.4
3	☐	1.000		12447380.65		A	5.8
4	☐	1.000		12899695.50		A	1.7
5	☐	1.000		13692217.16		A	5.7
6	☐	1.000		13212571.47		A	1.7
7	☐	1.000		13323375.22		A	0.8
8	☐	1.000		12560327.17		A	1.1

45 Sc (ISTD) [He]

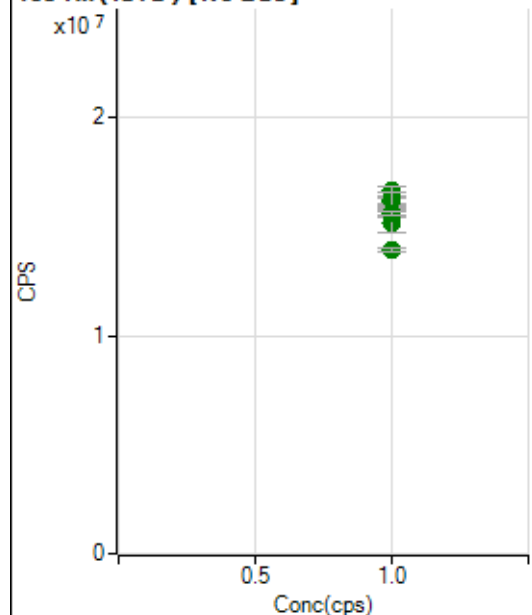
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		341251.69		P	1.5
2	☐	1.000		342987.62		P	0.3
3	☐	1.000		336815.59		P	1.0
4	☐	1.000		332702.00		P	1.4
5	☐	1.000		335368.94		P	0.6
6	☐	1.000		323759.91		P	1.4
7	☐	1.000		327543.36		P	1.3
8	☐	1.000		328354.37		P	1.2

89 Y (ISTD) [No Gas]

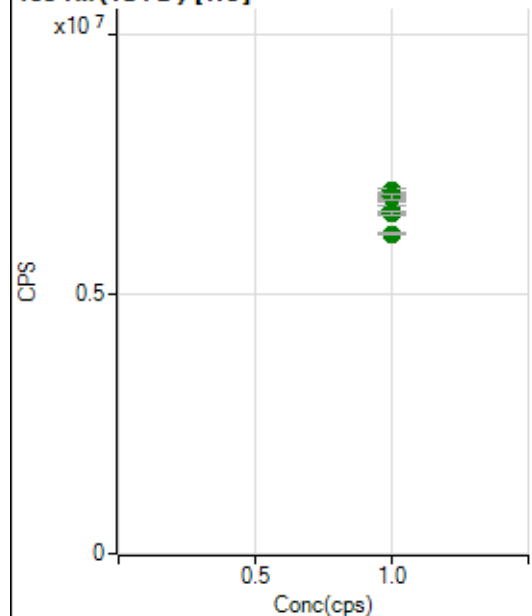
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		32872574.51		A	1.2
2	☐	1.000		34497955.04		A	0.7
3	☐	1.000		31796944.53		A	4.8
4	☐	1.000		32801138.40		A	1.7
5	☐	1.000		34855635.04		A	3.7
6	☐	1.000		34034391.71		A	1.2
7	☐	1.000		33918284.77		A	0.5
8	☐	1.000		32416771.74		A	0.5

89 Y (ISTD) [He]

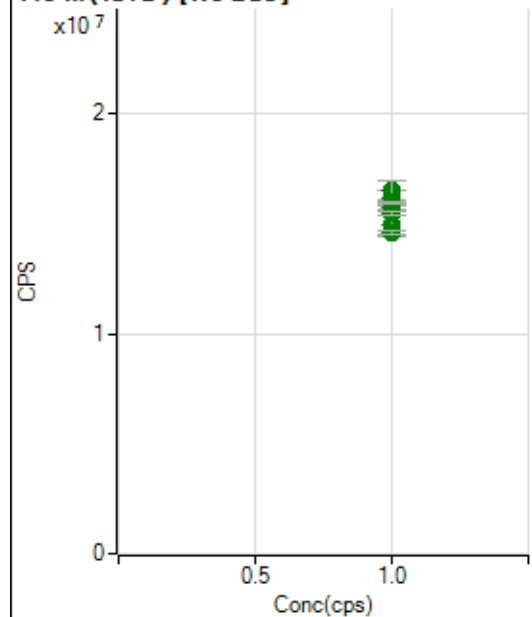
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3041873.29		A	1.8
2	☐	1.000		3071803.42		A	0.5
3	☐	1.000		3057482.07		A	0.8
4	☐	1.000		3032223.91		A	0.7
5	☐	1.000		3029499.50		A	1.4
6	☐	1.000		2966015.86		A	2.1
7	☐	1.000		2991024.26		A	1.3
8	☐	1.000		3026098.11		A	2.2

103 Rh (ISTD) [No Gas]

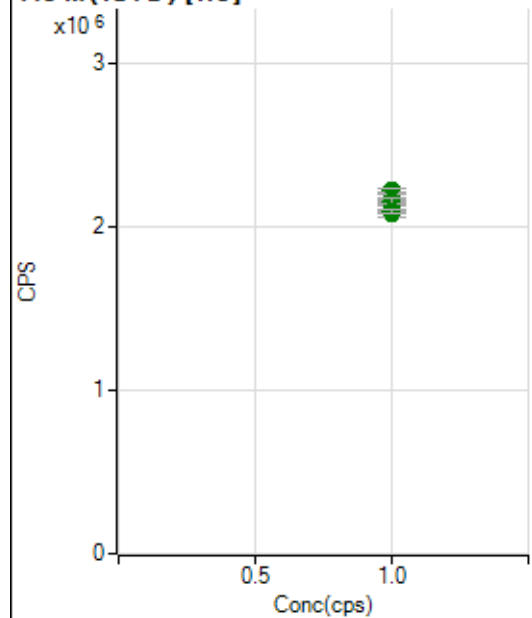
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16180626.58		A	1.2
2	☐	1.000		16645335.79		A	3.0
3	☐	1.000		15158639.92		A	5.2
4	☐	1.000		15913381.61		A	0.4
5	☐	1.000		16234712.34		A	4.5
6	☐	1.000		15623988.20		A	1.8
7	☐	1.000		15627223.27		A	0.9
8	☐	1.000		13965062.47		A	1.1

103 Rh (ISTD) [He]

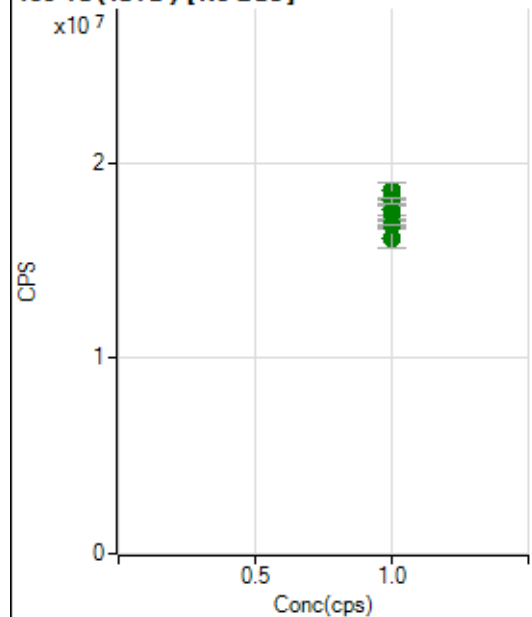
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6872423.79		A	1.0
2	☐	1.000		6997271.36		A	1.4
3	☐	1.000		6903572.95		A	1.4
4	☐	1.000		6894372.33		A	2.7
5	☐	1.000		6886093.65		A	1.6
6	☐	1.000		6635879.28		A	2.2
7	☐	1.000		6561877.47		A	1.1
8	☐	1.000		6163210.19		A	0.8

115 In (ISTD) [No Gas]

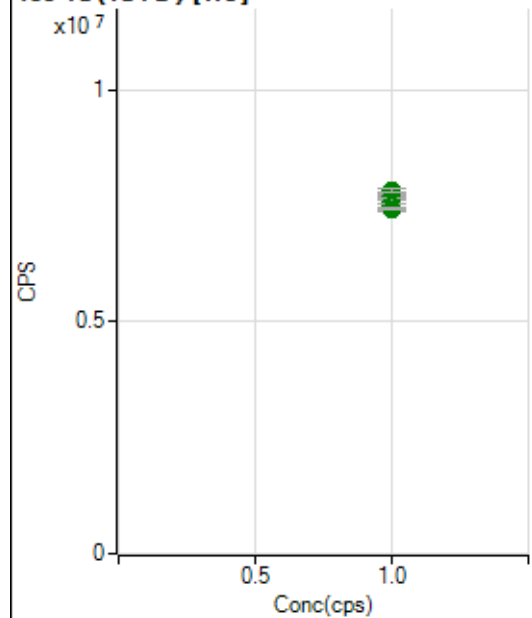
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		15749617.71		A	1.1
2	☐	1.000		16148917.37		A	4.3
3	☐	1.000		14922777.63		A	6.6
4	☐	1.000		15474386.53		A	1.0
5	☐	1.000		16479148.44		A	5.5
6	☐	1.000		16017201.10		A	0.4
7	☐	1.000		15949607.32		A	0.7
8	☐	1.000		14601769.62		A	1.2

115 In (ISTD) [He]

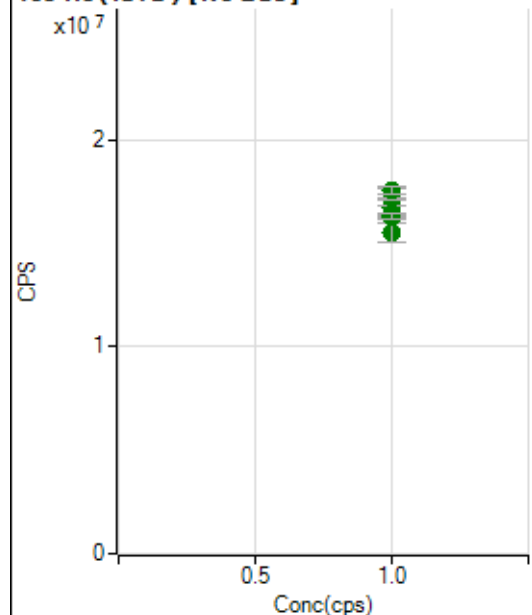
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2182104.27		A	1.4
2	☐	1.000		2220352.01		A	1.2
3	☐	1.000		2174415.25		A	2.4
4	☐	1.000		2154900.29		A	2.5
5	☐	1.000		2156912.07		A	1.6
6	☐	1.000		2079353.92		A	1.6
7	☐	1.000		2090296.52		A	0.7
8	☐	1.000		2095389.75		A	1.0

159 Tb (ISTD) [No Gas]

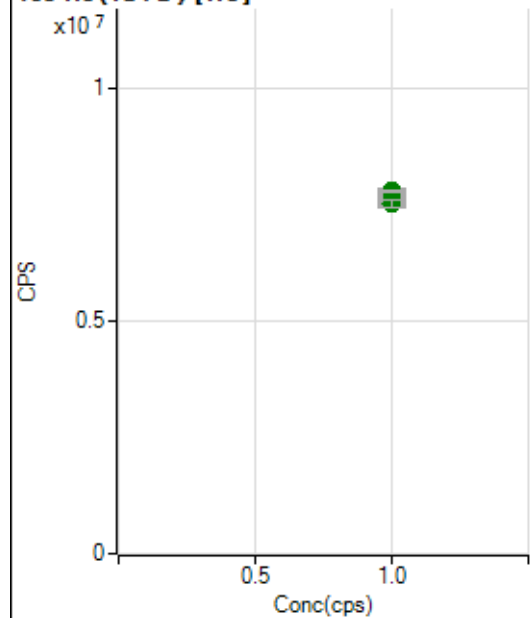
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16849782.11		A	2.1
2	☐	1.000		17581517.66		A	2.8
3	☐	1.000		16160095.45		A	6.2
4	☐	1.000		17070260.85		A	0.9
5	☐	1.000		18545572.78		A	4.6
6	☐	1.000		17923598.90		A	1.5
7	☐	1.000		18045092.51		A	1.5
8	☐	1.000		16807557.67		A	0.3

159 Tb (ISTD) [He]

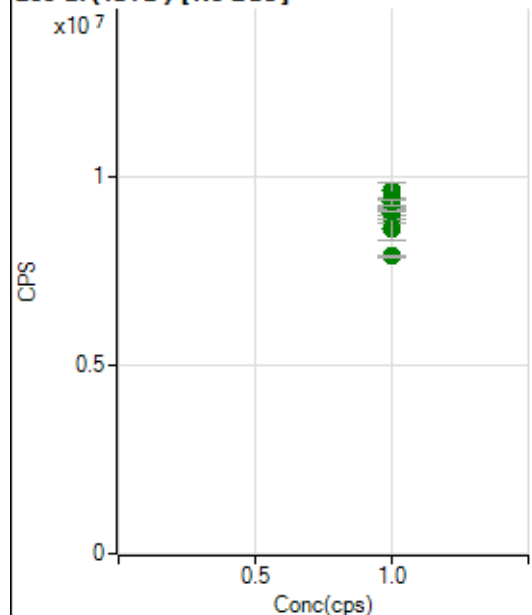
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7428545.86		A	0.8
2	☐	1.000		7471113.71		A	2.3
3	☐	1.000		7500086.42		A	1.3
4	☐	1.000		7564205.72		A	3.3
5	☐	1.000		7690625.72		A	1.3
6	☐	1.000		7600745.51		A	1.9
7	☐	1.000		7815014.05		A	1.0
8	☐	1.000		7433625.10		A	0.8

165 Ho (ISTD) [No Gas]

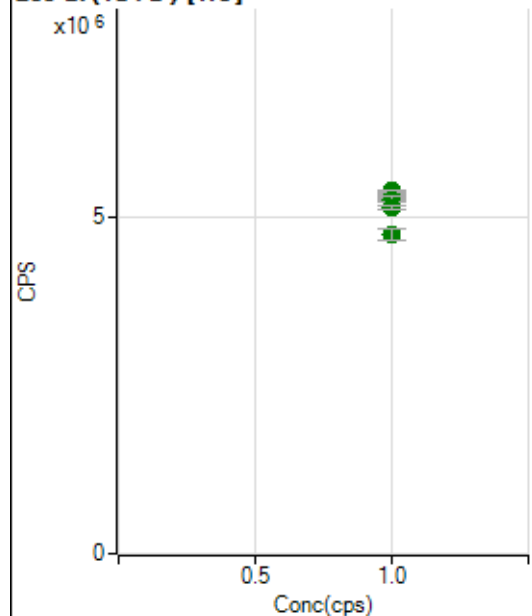
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16348873.46		A	0.4
2	☐	1.000		16673887.35		A	5.7
3	☐	1.000		15506898.44		A	5.7
4	☐	1.000		16336122.07		A	0.7
5	☐	1.000		17215931.29		A	5.0
6	☐	1.000		17138852.81		A	0.9
7	☐	1.000		17521410.11		A	2.2
8	☐	1.000		16287827.28		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7561402.18		A	0.8
2	☐	1.000		7533171.48		A	1.4
3	☐	1.000		7647978.64		A	0.9
4	☐	1.000		7628060.09		A	0.9
5	☐	1.000		7803928.36		A	1.3
6	☐	1.000		7579270.51		A	0.4
7	☐	1.000		7808872.59		A	0.3
8	☐	1.000		7527248.36		A	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8858425.28		A	2.2
2	☐	1.000		9024385.15		A	3.2
3	☐	1.000		8604547.31		A	6.4
4	☐	1.000		9087989.73		A	0.5
5	☐	1.000		9625212.50		A	4.2
6	☐	1.000		9402306.32		A	0.8
7	☐	1.000		9317990.77		A	1.6
8	☐	1.000		7886888.84		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5261278.11		A	0.8
2	☐	1.000		5296771.76		A	1.3
3	☐	1.000		5269333.50		A	1.1
4	☐	1.000		5318099.43		A	1.8
5	☐	1.000		5391714.92		A	0.7
6	☐	1.000		5262506.83		A	1.6
7	☐	1.000		5133988.64		A	1.0
8	☐	1.000		4744149.82		A	3.0