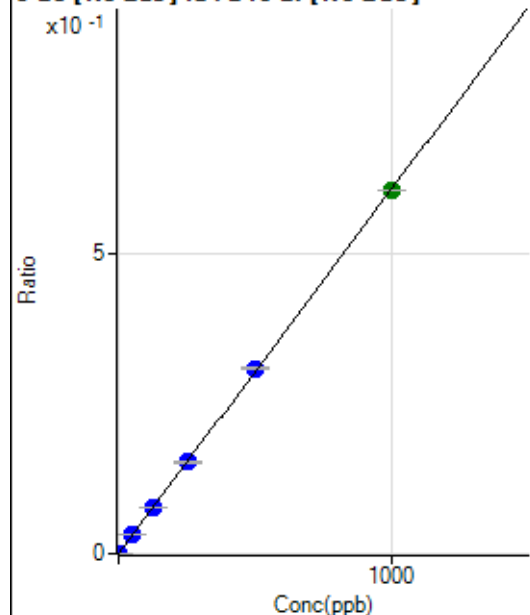


Calibration for 012CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8032024MS.b\
 Analysis File: P8032024MS.batch.bin
 DA Date-Time: 2024-03-20 17:09:19
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-03-20 11:51:01
2	006CALS.d	S02	2024-03-20 11:57:52
3	007CALS.d	S03	2024-03-20 12:01:16
4	008CALS.d	S04	2024-03-20 12:04:37
5	009CALS.d	S05	2024-03-20 12:07:46
6	010CALS.d	S06	2024-03-20 12:10:54
7	011CALS.d	S07	2024-03-20 12:13:55
8	012CALS.d	S08	2024-03-20 12:16:59

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.58	0.0000	P	14.9
2	☐	1.000	0.944	1269.07	0.0006	P	3.0
3	☐	50.000	51.628	65435.02	0.0313	P	1.4
4	☐	125.000	126.358	150112.18	0.0766	P	2.9
5	☐	250.000	251.713	281752.31	0.1526	P	1.2
6	☐	500.000	507.342	532508.97	0.3075	P	1.2
7	☐	1000.000	995.650	1022247.39	0.6035	A	0.2
8	☐			400.39	0.0003	P	86.5

$$y = 6.0610\text{E-}004 * x + 8.9802\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006614$$

$$BEC = 0.01482$$

Weight: <None>

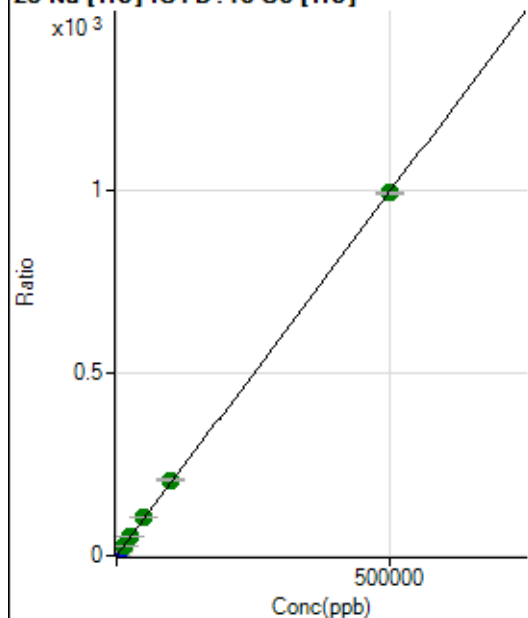
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1703835.97		A	0.1
2	☐			1661842.35		A	2.3
3	☐			1594417.91		A	1.4
4	☐			1478450.15		A	1.6
5	☐			1380000.60		A	1.9
6	☐			1426561.70		A	1.4
7	☐			1525355.39		A	3.9
8	☐			1363856.17		A	4.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20349.71		P	1.6
2	☐			20013.74		P	0.6
3	☐			18903.36		P	2.2
4	☐			18250.30		P	0.8
5	☐			17760.80		P	0.5
6	☐			18527.34		P	1.9
7	☐			20715.83		P	0.6
8	☐			20758.08		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7085.11	0.0767	P	4.4
2	☐	500.000	468.247	93960.21	1.0062	P	0.4
3	☐	5000.000	5300.001	920032.28	10.5977	P	1.4
4	☐	12500.000	13546.589	2108193.77	26.9681	A	6.0
5	☐	25000.000	25983.838	3971039.21	51.6573	A	0.2
6	☐	50000.000	52156.117	7790938.42	103.6119	A	0.8
7	☐	100000.00	103796.17	15206221.99	206.1228	A	1.7
8	☐	500000.00	498946.82	79077522.16	990.5373	A	0.6

$$y = 0.0020 * x + 0.0767$$

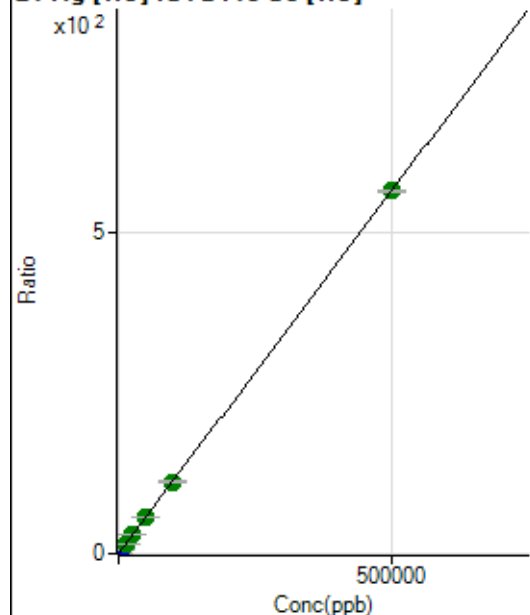
$$R = 1.0000$$

$$DL = 5.149$$

$$BEC = 38.64$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0011	P	16.2
2	☐	500.000	466.919	49280.90	0.5277	P	1.8
3	☐	5000.000	5125.960	502019.14	5.7826	P	1.0
4	☐	12500.000	13279.150	1169968.83	14.9784	A	7.7
5	☐	25000.000	25660.046	2224768.75	28.9427	A	0.8
6	☐	50000.000	50056.675	4245388.79	56.4592	A	0.3
7	☐	100000.00	99312.642	8263268.42	112.0143	A	2.1
8	☐	500000.00	500078.09	45032033.77	564.0315	A	0.2

$$y = 0.0011 * x + 0.0011$$

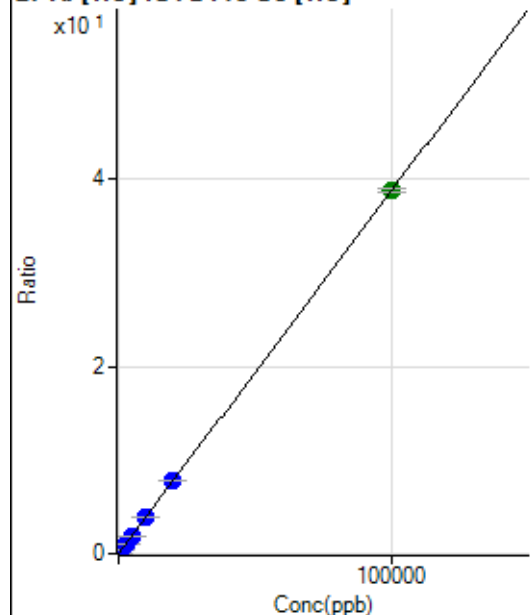
$$R = 1.0000$$

$$DL = 0.4661$$

$$BEC = 0.9609$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0004	P	24.8
2	☐	20.000	19.540	747.81	0.0080	P	11.1
3	☐	1000.000	1014.219	34128.98	0.3931	P	0.6
4	☐	2500.000	2630.370	79607.65	1.0188	P	7.0
5	☐	5000.000	4989.213	148505.14	1.9320	P	1.5
6	☐	10000.000	9950.928	289727.17	3.8530	P	1.0
7	☐	20000.000	20066.888	573230.69	7.7695	P	1.1
8	☐	100000.00	99988.668	3090422.87	38.7117	A	1.0

$$y = 3.8716E-004 * x + 4.4514E-004$$

$$R = 1.0000$$

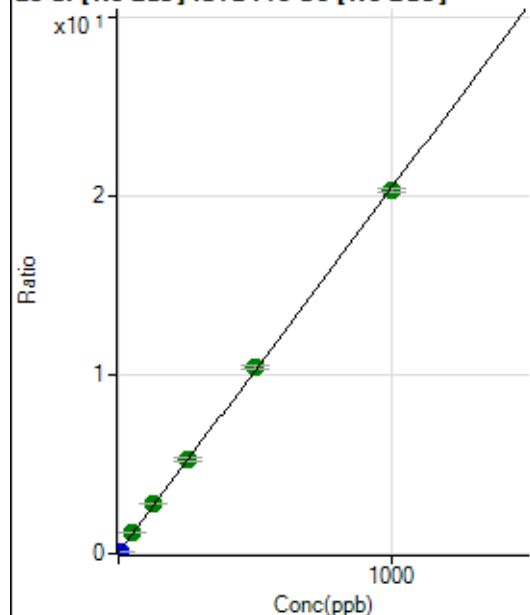
$$DL = 0.8549$$

$$BEC = 1.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176061.73	0.0603	P	1.1
2	☐	10.000	0.198	189088.03	0.0643	P	0.5
3	☐	50.000	54.822	3284313.04	1.1766	A	1.6
4	☐	125.000	133.243	7239298.85	2.7734	A	0.3
5	☐	250.000	256.130	13330141.47	5.2756	A	2.8
6	☐	500.000	509.959	25371996.57	10.4441	A	1.7
7	☐	1000.000	992.314	49007741.49	20.2657	A	1.0
8	☐			252076.38	0.1110	P	9.9

$$y = 0.0204 * x + 0.0603$$

$$R = 0.9998$$

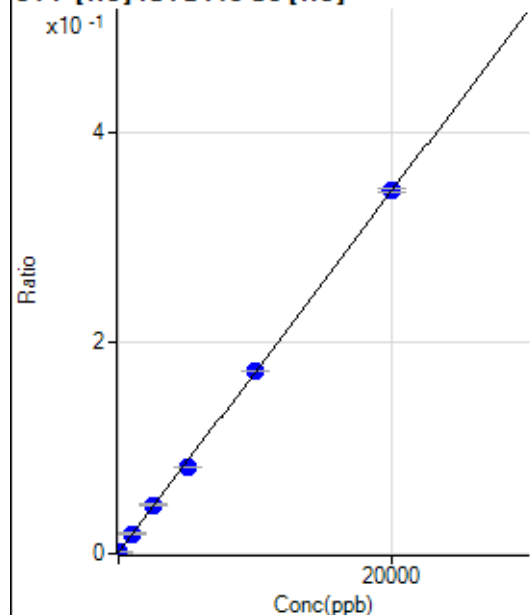
$$DL = 0.1016$$

$$BEC = 2.962$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-13.691	75.55	0.0008	P	4.0
2	☐	0.000	13.691	120.00	0.0013	P	27.7
3	☐	1000.000	1035.198	1630.11	0.0188	P	4.6
4	☐	2500.000	2626.950	3601.60	0.0460	P	4.9
5	☐	5000.000	4706.908	6276.97	0.0817	P	0.5
6	☐	10000.000	10056.128	13028.18	0.1733	P	0.7
7	☐	20000.000	20027.580	25380.07	0.3440	P	0.9
8	☐			68.89	0.0009	P	20.5

$$y = 1.7124E-005 * x + 0.0011$$

$$R = 0.9998$$

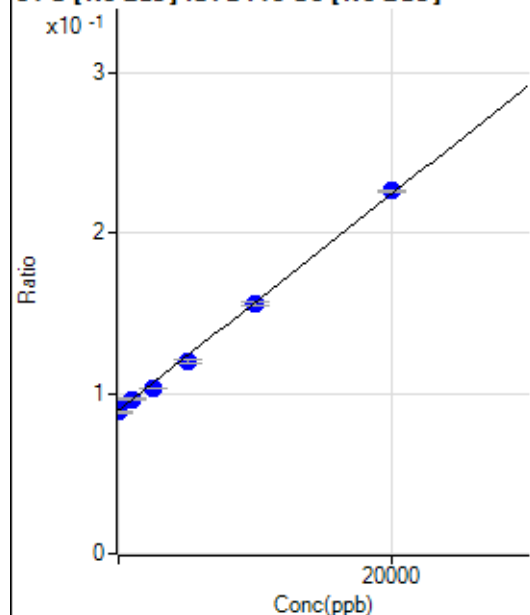
$$DL = 34.08$$

$$BEC = 61.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	184.230	265042.50	0.0908	P	0.3
2	☐	0.000	-184.230	259523.82	0.0883	P	0.2
3	☐	1000.000	966.246	268169.62	0.0961	P	1.2
4	☐	2500.000	2010.705	269200.14	0.1031	P	0.5
5	☐	5000.000	4489.816	302948.07	0.1199	P	1.4
6	☐	10000.000	9811.921	378518.32	0.1558	P	1.7
7	☐	20000.000	20284.435	547802.61	0.2265	P	0.7
8	☐			206998.51	0.0910	P	5.8

$$y = 6.7530E-006 * x + 0.0896$$

$$R = 0.9993$$

$$DL = 105.6$$

$$BEC = 1.326E+04$$

Weight: <None>

Min Conc: 0

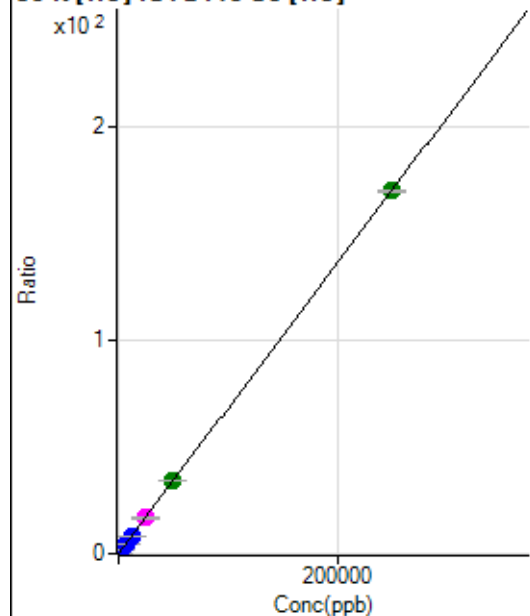
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			244886.47		P	2.7
2	☐			67683.78		P	0.3
3	☐			59486.04		P	2.3
4	☐			54915.77		P	1.2
5	☐			52846.04		P	0.9
6	☐			51888.20		P	1.4
7	☐			53692.48		P	0.5
8	☐			52366.54		P	2.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1564.54		P	5.0
2	☐			405.57		P	7.4
3	☐			363.34		P	16.8
4	☐			360.01		P	9.7
5	☐			337.79		P	7.1
6	☐			352.23		P	4.7
7	☐			344.45		P	7.5
8	☐			414.46		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5905.70	0.0640	P	7.1
2	☐	500.000	451.022	34568.02	0.3702	P	1.7
3	☐	2500.000	2480.684	151763.06	1.7481	P	0.4
4	☐	6250.000	6422.449	345556.23	4.4241	P	7.8
5	☐	12500.000	12247.738	644073.50	8.3788	P	0.5
6	☐	25000.000	24464.482	1253687.25	16.6725	M	0.5
7	☐	50000.000	50199.966	2519269.37	34.1439	A	0.5
8	☐	250000.00	250022.15	13556423.69	169.7999	A	0.7

$$y = 6.7888E-004 * x + 0.0640$$

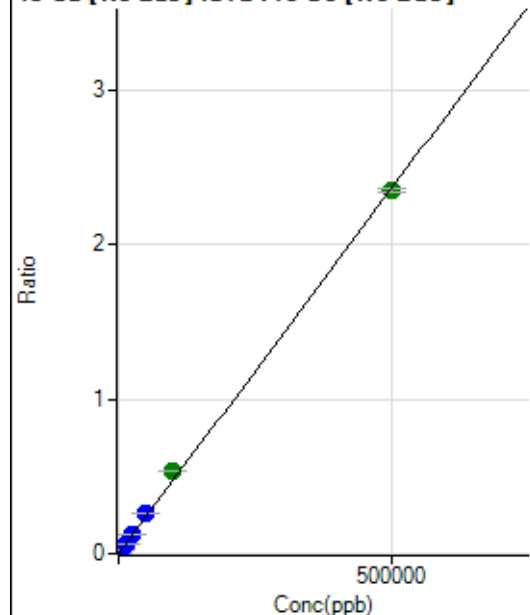
$$R = 1.0000$$

$$DL = 20.19$$

$$BEC = 94.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	17.1
2	☐	500.000	456.572	6451.51	0.0022	P	1.7
3	☐	5000.000	5782.087	76296.55	0.0273	P	0.3
4	☐	12500.000	13988.405	172486.14	0.0661	P	0.2
5	☐	25000.000	27222.707	324881.43	0.1286	P	2.0
6	☐	50000.000	54851.830	629218.08	0.2590	P	1.6
7	☐	100000.00	112924.93	1289361.55	0.5332	A	0.3
8	☐	500000.00	496773.70	5333876.76	2.3454	A	1.1

$$y = 4.7212\text{E-}006 * x + 3.9609\text{E-}005$$

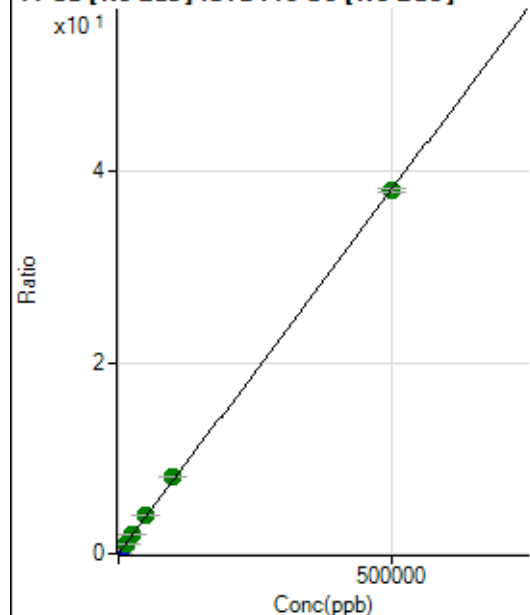
$$R = 0.9996$$

$$DL = 4.297$$

$$BEC = 8.39$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10598.48	0.0036	P	2.3
2	☐	500.000	456.889	112909.98	0.0384	P	0.3
3	☐	5000.000	5468.797	1172046.07	0.4200	P	1.2
4	☐	12500.000	13561.973	2704725.38	1.0363	A	1.3
5	☐	25000.000	26474.122	5103599.58	2.0195	A	1.6
6	☐	50000.000	53021.562	9818425.62	4.0409	A	0.7
7	☐	100000.00	105621.18	19457485.13	8.0460	A	0.0
8	☐	500000.00	498468.70	86326375.94	37.9590	A	1.1

$$y = 7.6144\text{E-}005 * x + 0.0036$$

$$R = 0.9999$$

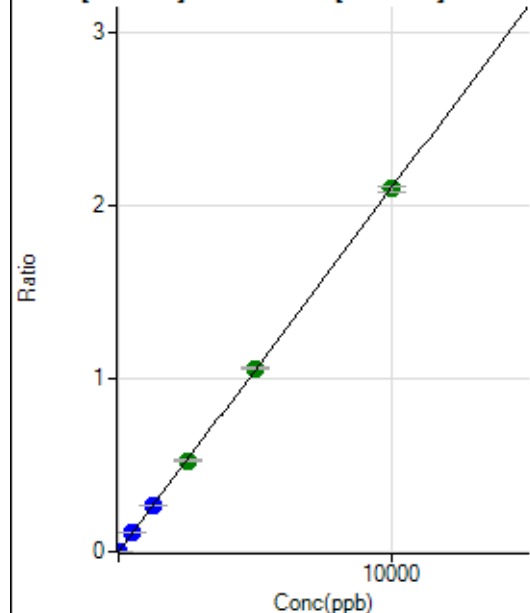
$$DL = 3.341$$

$$BEC = 47.68$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	17.8
2	☐	5.000	4.864	3047.02	0.0010	P	1.7
3	☐	500.000	522.009	306593.15	0.1099	P	0.5
4	☐	1250.000	1283.220	704872.46	0.2700	P	0.4
5	☐	2500.000	2501.304	1330241.88	0.5264	A	2.1
6	☐	5000.000	5035.714	2574847.46	1.0597	A	0.7
7	☐	10000.000	9976.564	5077410.20	2.0994	A	1.4
8	☐			2440.03	0.0011	P	86.6

$$y = 2.1044\text{E-}004 * x + 1.3322\text{E-}005$$

$$R = 1.0000$$

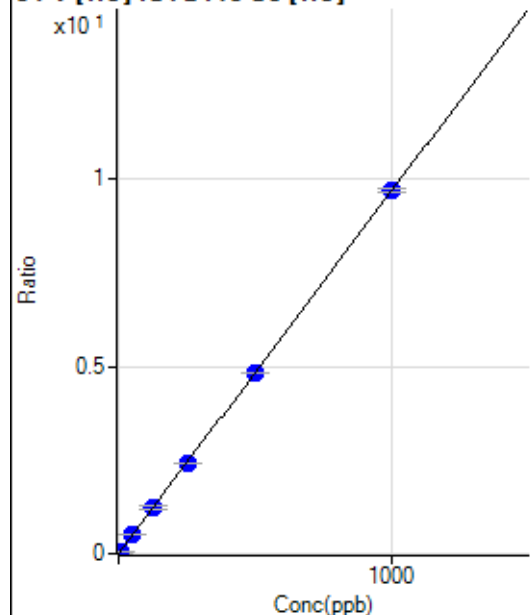
$$DL = 0.03387$$

$$BEC = 0.06331$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	4.776	4324.03	0.0463	P	4.6
3	☐	50.000	50.731	42684.53	0.4917	P	1.2
4	☐	125.000	129.709	98171.67	1.2571	P	8.1
5	☐	250.000	250.155	186373.50	2.4244	P	0.9
6	☐	500.000	497.968	362908.57	4.8260	P	0.6
7	☐	1000.000	1000.353	715279.17	9.6948	P	0.9
8	☐			337.79	0.0042	P	7.2

$$y = 0.0097 * x + 2.3219\text{E-}005$$

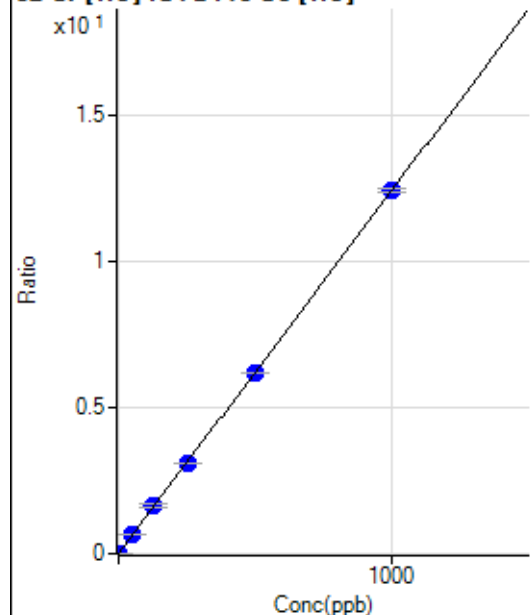
$$R = 1.0000$$

$$DL = 0.01245$$

$$BEC = 0.002396$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	521.13	0.0056	P	11.7
2	☐	2.000	1.853	2668.05	0.0286	P	1.6
3	☐	50.000	51.021	55333.09	0.6374	P	2.6
4	☐	125.000	131.866	127960.46	1.6385	P	8.1
5	☐	250.000	249.585	237994.96	3.0962	P	0.9
6	☐	500.000	498.553	464638.15	6.1791	P	0.4
7	☐	1000.000	999.918	913919.56	12.3874	P	1.0
8	☐			23434.84	0.2936	P	1.7

$$y = 0.0124 * x + 0.0056$$

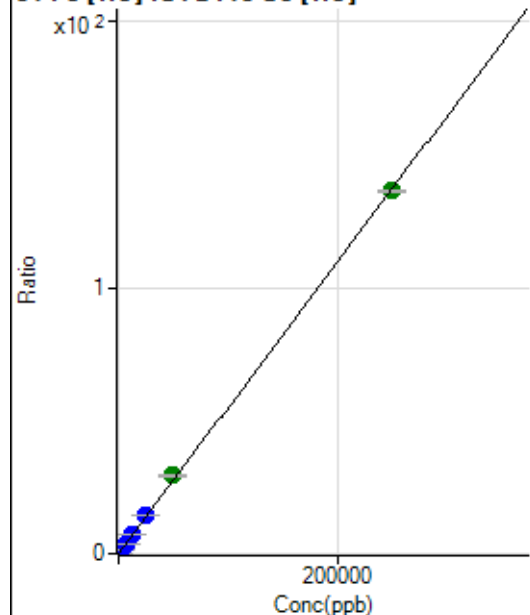
$$R = 1.0000$$

$$DL = 0.16$$

$$BEC = 0.4544$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	255.56	0.0028	P	4.5
2	☐	50.000	49.217	2773.63	0.0297	P	0.9
3	☐	2500.000	2668.715	127066.69	1.4637	P	1.4
4	☐	6250.000	6867.113	293790.49	3.7620	P	8.1
5	☐	12500.000	13149.313	553559.01	7.2011	P	0.2
6	☐	25000.000	26068.669	1073284.11	14.2735	P	1.4
7	☐	50000.000	53491.308	2160575.92	29.2854	A	1.4
8	☐	250000.00	249145.29	10889209.70	136.3917	A	0.4

$$y = 5.4743E-004 * x + 0.0028$$

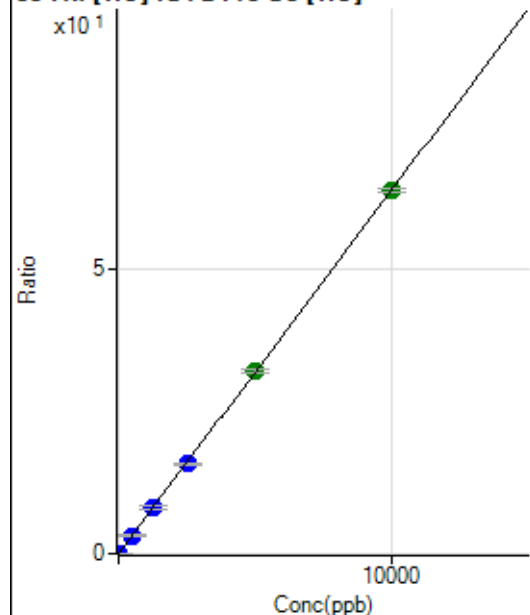
$$R = 0.9999$$

$$DL = 0.6799$$

$$BEC = 5.041$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.45	0.0003	P	28.8
2	☐	1.000	1.015	631.13	0.0068	P	5.5
3	☐	500.000	500.722	278065.61	3.2030	P	1.3
4	☐	1250.000	1289.546	643990.50	8.2486	P	8.7
5	☐	2500.000	2469.723	1214407.46	15.7974	P	0.9
6	☐	5000.000	5036.581	2422539.58	32.2158	A	1.6
7	☐	10000.000	9984.300	4711711.28	63.8629	A	1.1
8	☐			4050.62	0.0507	P	2.1

$$y = 0.0064 * x + 2.6493E-004$$

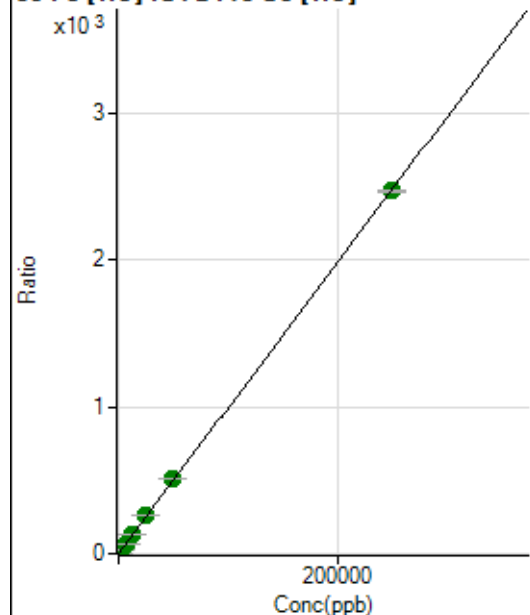
$$R = 1.0000$$

$$DL = 0.03573$$

$$BEC = 0.04142$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1884.59	0.0204	P	4.2
2	☐	50.000	48.449	46716.22	0.5003	P	1.1
3	☐	2500.000	2681.702	2307682.95	26.5819	A	1.0
4	☐	6250.000	6796.631	5256133.74	67.3391	A	9.2
5	☐	12500.000	12935.295	9850421.31	128.1408	A	0.4
6	☐	25000.000	25853.873	19257145.82	256.0957	A	0.2
7	☐	50000.000	51203.444	37421205.56	507.1760	A	0.6
8	☐	250000.00	249636.67	197404819.2	2.472.601	A	0.7

$$y = 0.0099 * x + 0.0204$$

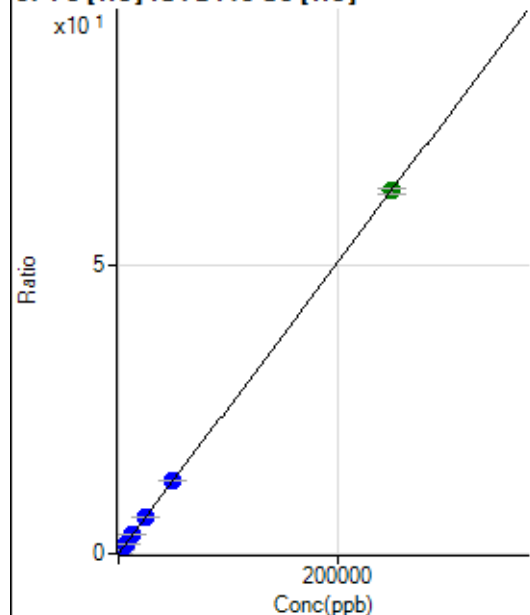
$$R = 1.0000$$

$$DL = 0.2623$$

$$BEC = 2.059$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0010	P	5.0
2	☐	50.000	50.248	1275.63	0.0137	P	2.1
3	☐	2500.000	2575.872	56347.45	0.6490	P	0.2
4	☐	6250.000	6677.851	131265.73	1.6810	P	8.3
5	☐	12500.000	12754.573	246720.92	3.2097	P	1.3
6	☐	25000.000	25346.233	479519.99	6.3774	P	1.2
7	☐	50000.000	50519.593	937765.61	12.7104	P	1.0
8	☐	250000.00	249837.27	5018524.20	62.8533	A	1.4

$$y = 2.5157\text{E-}004 * x + 0.0010$$

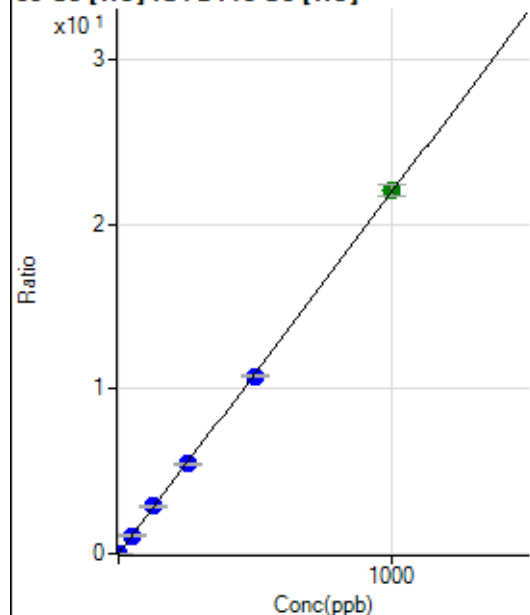
$$R = 1.0000$$

$$DL = 0.6113$$

$$BEC = 4.054$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0003	P	13.3
2	☐	1.000	0.994	2063.51	0.0221	P	1.9
3	☐	50.000	50.150	95452.86	1.0995	P	1.6
4	☐	125.000	130.371	223241.15	2.8579	P	7.6
5	☐	250.000	247.835	417597.50	5.4326	P	0.7
6	☐	500.000	491.652	810332.52	10.7767	P	0.6
7	☐	1000.000	1004.036	1623385.90	22.0075	A	3.2
8	☐			4476.30	0.0561	P	2.8

$$y = 0.0219 * x + 3.1103\text{E-}004$$

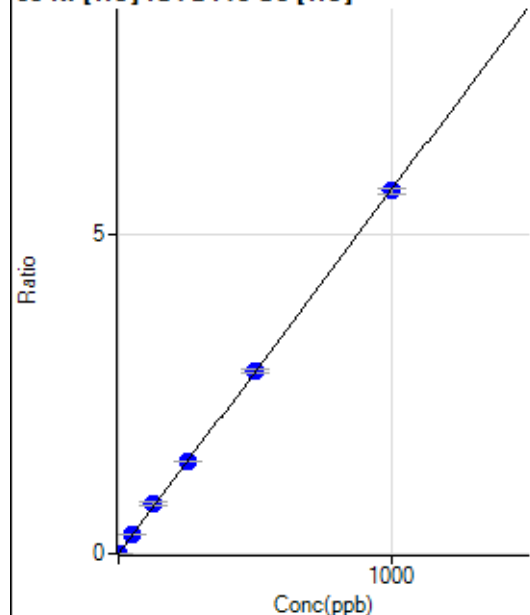
$$R = 0.9999$$

$$DL = 0.005675$$

$$BEC = 0.01419$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	121.11	0.0013	P	13.4
2	☐	1.000	0.804	551.13	0.0059	P	6.8
3	☐	50.000	52.314	26076.18	0.3004	P	1.4
4	☐	125.000	134.976	60351.82	0.7729	P	8.4
5	☐	250.000	253.874	111659.66	1.4526	P	1.1
6	☐	500.000	501.728	215752.19	2.8694	P	1.1
7	☐	1000.000	996.805	420490.68	5.6995	P	1.3
8	☐			7128.51	0.0893	P	1.5

$$y = 0.0057 * x + 0.0013$$

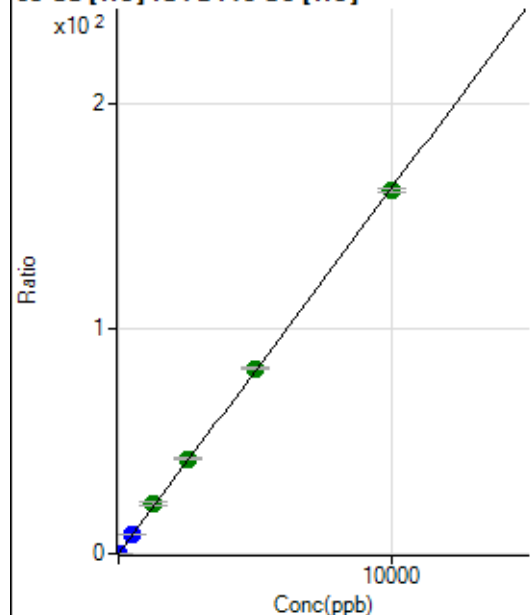
$$R = 0.9999$$

$$DL = 0.09203$$

$$BEC = 0.2281$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	625.58	0.0068	P	2.3
2	☐	2.000	2.022	3701.63	0.0396	P	5.4
3	☐	500.000	513.889	726064.59	8.3633	P	0.4
4	☐	1250.000	1346.296	1710214.85	21.8994	A	8.1
5	☐	2500.000	2592.555	3241256.51	42.1653	A	1.3
6	☐	5000.000	5070.597	6201069.21	82.4617	A	0.9
7	☐	10000.000	9928.832	11912593.85	161.4633	A	1.1
8	☐			4631.91	0.0580	P	3.7

$$y = 0.0163 * x + 0.0068$$

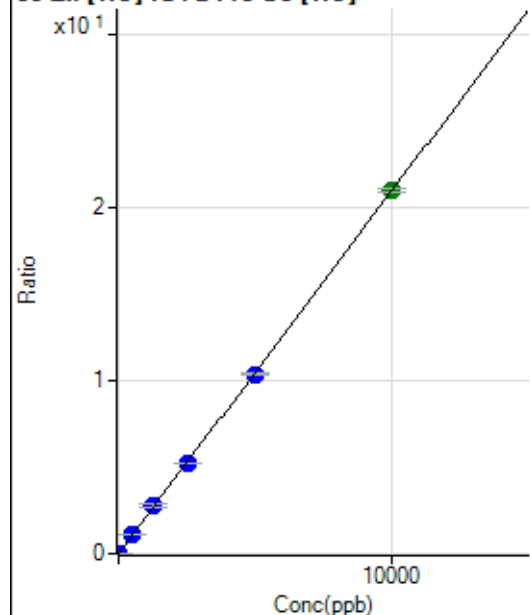
$$R = 0.9999$$

$$DL = 0.02904$$

$$BEC = 0.4158$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	295.56	0.0032	P	14.5
2	☐	2.000	4.619	1203.40	0.0129	P	7.2
3	☐	500.000	510.147	93121.16	1.0726	P	1.1
4	☐	1250.000	1325.853	217309.29	2.7826	P	8.1
5	☐	2500.000	2507.584	404332.83	5.2599	P	0.7
6	☐	5000.000	4957.285	781678.76	10.3954	P	0.4
7	☐	10000.000	10009.472	1548648.47	20.9864	A	1.0
8	☐			2012.39	0.0252	P	6.2

$$y = 0.0021 * x + 0.0032$$

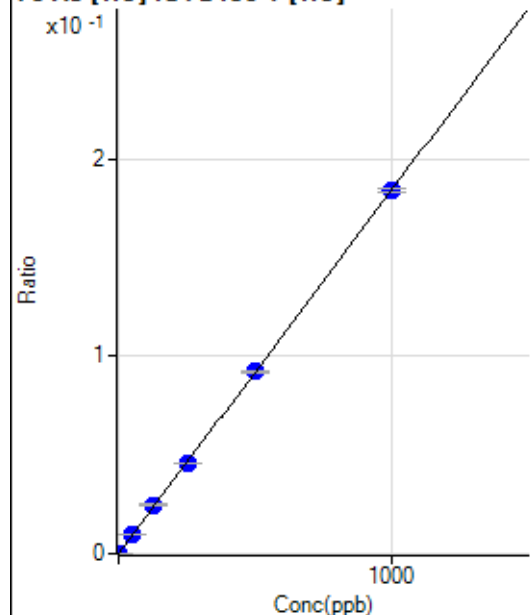
$$R = 1.0000$$

$$DL = 0.6665$$

$$BEC = 1.527$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	1.088	107.78	0.0002	P	21.0
3	☐	50.000	52.308	4825.31	0.0096	P	2.1
4	☐	125.000	134.874	11361.34	0.0248	P	6.2
5	☐	250.000	249.299	20693.07	0.0459	P	1.6
6	☐	500.000	500.882	40536.02	0.0922	P	0.7
7	☐	1000.000	998.385	80372.00	0.1837	P	1.2
8	☐			68.89	0.0001	P	8.5

$$y = 1.8402E-004 * x + 0.0000E+000$$

$$R = 1.0000$$

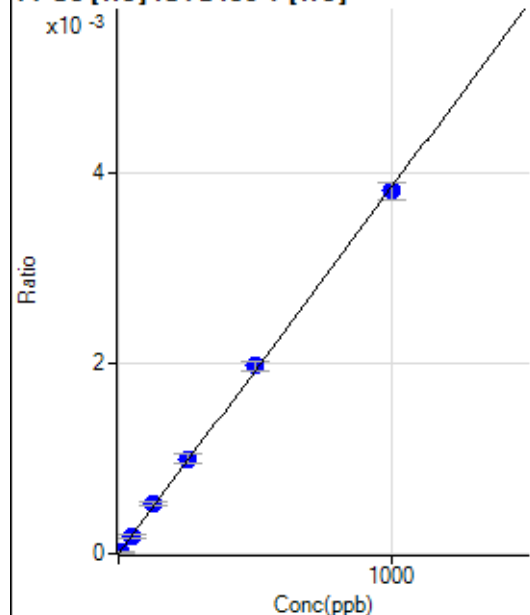
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.763	7.78	0.0000	P	65.3
3	☐	50.000	47.894	92.23	0.0002	P	29.1
4	☐	125.000	137.769	242.22	0.0005	P	8.0
5	☐	250.000	259.166	448.90	0.0010	P	10.9
6	☐	500.000	511.916	864.48	0.0020	P	4.6
7	☐	1000.000	990.266	1663.45	0.0038	P	4.9
8	☐			2.22	0.0000	P	86.6

$$y = 3.8408\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

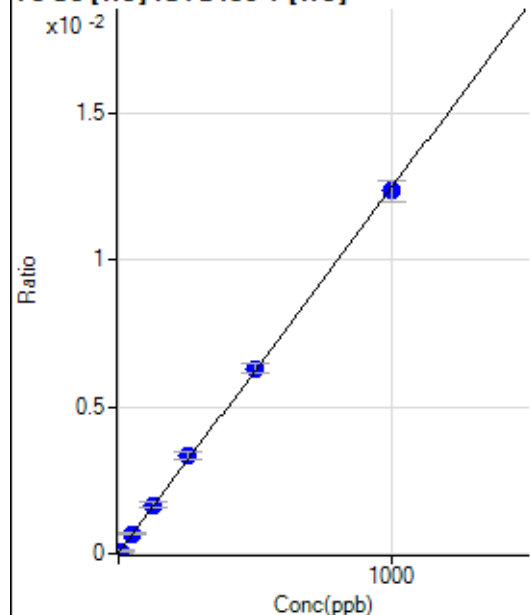
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	71.5
2	☐	5.000	5.256	47.78	0.0001	P	21.6
3	☐	50.000	53.025	342.23	0.0007	P	6.4
4	☐	125.000	131.849	760.03	0.0017	P	9.5
5	☐	250.000	268.427	1515.65	0.0034	P	7.6
6	☐	500.000	505.313	2772.53	0.0063	P	5.3
7	☐	1000.000	991.728	5405.55	0.0124	P	5.6
8	☐			25.55	0.0001	P	27.1

$$y = 1.2434\text{E-}005 * x + 2.3457\text{E-}005$$

$$R = 0.9998$$

$$DL = 4.048$$

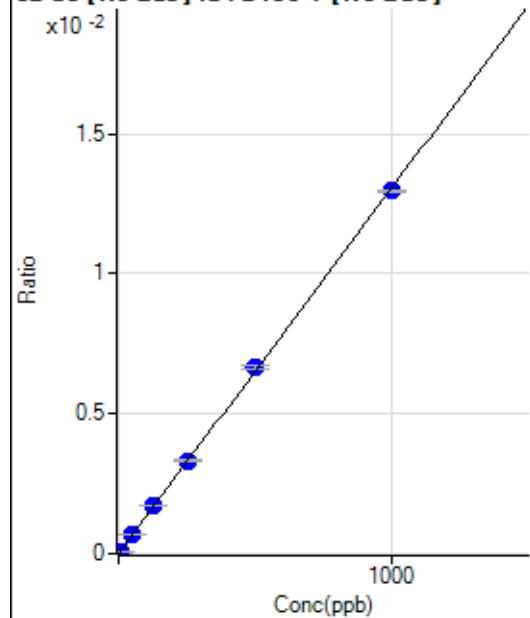
$$BEC = 1.886$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1813.47		P	2.4
2	☐			1804.58		P	5.2
3	☐			1656.78		P	3.8
4	☐			1606.77		P	0.2
5	☐			1526.77		P	1.4
6	☐			1370.08		P	2.6
7	☐			1380.08		P	4.6
8	☐			1833.47		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	455.
2	☐	5.000	4.847	341.13	0.0001	P	6.6
3	☐	50.000	53.580	3664.99	0.0007	P	1.5
4	☐	125.000	132.361	8553.88	0.0017	P	1.4
5	☐	250.000	255.099	16078.30	0.0033	P	2.4
6	☐	500.000	509.083	30870.94	0.0066	P	2.0
7	☐	1000.000	993.085	60892.07	0.0130	P	0.7
8	☐			85.56	0.0000	P	2.1

$$y = 1.3048\text{E-}005 * x + 2.0495\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.2148$$

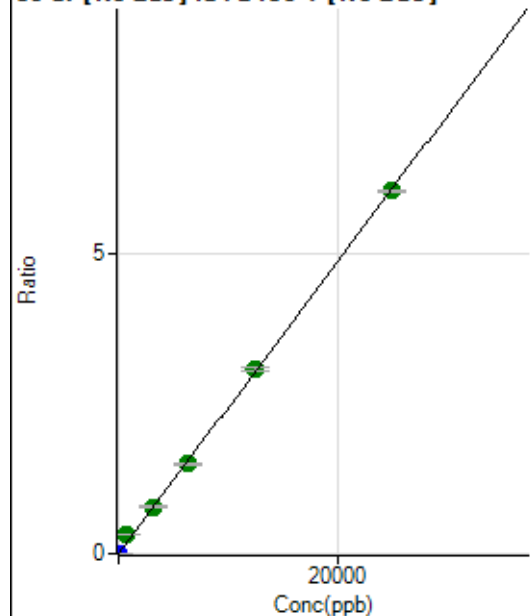
$$BEC = 0.01571$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.78		P	14.7
2	☐			134.45		P	11.2
3	☐			142.23		P	6.8
4	☐			153.34		P	5.8
5	☐			96.66		P	6.0
6	☐			105.55		P	6.6
7	☐			124.45		P	5.6
8	☐			135.56		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.56	0.0001	P	20.8
2	☐	1.000	0.991	1567.88	0.0003	P	3.2
3	☐	625.000	1291.412	1644706.82	0.3139	A	1.1
4	☐	3125.000	3218.632	3872923.10	0.7824	A	2.3
5	☐	6250.000	6172.759	7247105.79	1.5004	A	1.9
6	☐	12500.000	12656.677	14296590.62	3.0763	A	1.7
7	☐	25000.000	24912.607	28456997.91	6.0552	A	0.8
8	☐			11328.75	0.0026	P	101.

$$y = 2.4306E-004 * x + 5.0765E-005$$

$$R = 0.9996$$

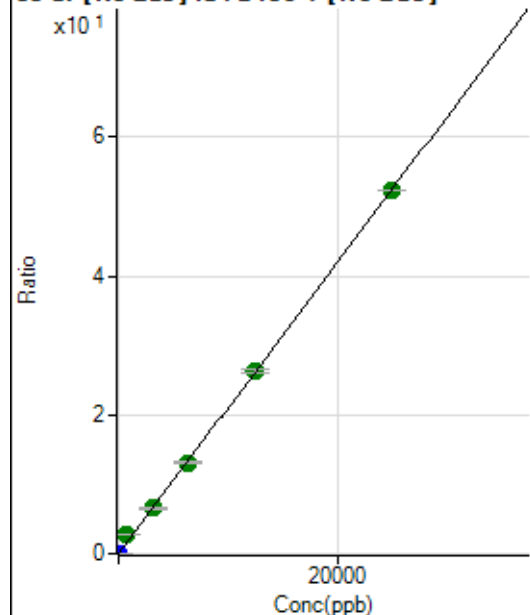
$$DL = 0.1304$$

$$BEC = 0.2089$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	303.34	0.0001	P	7.5
2	☐	1.000	0.948	10972.16	0.0020	P	1.7
3	☐	625.000	1281.836	14060902.99	2.6834	A	0.5
4	☐	3125.000	3142.834	32565661.74	6.5792	A	2.9
5	☐	6250.000	6252.813	63221512.95	13.0896	A	2.2
6	☐	12500.000	12557.362	122166329.2	26.2874	A	1.5
7	☐	25000.000	24951.965	245459445.2	52.2340	A	0.1
8	☐			97399.22	0.0220	P	103.

$$y = 0.0021 * x + 5.5988E-005$$

$$R = 0.9997$$

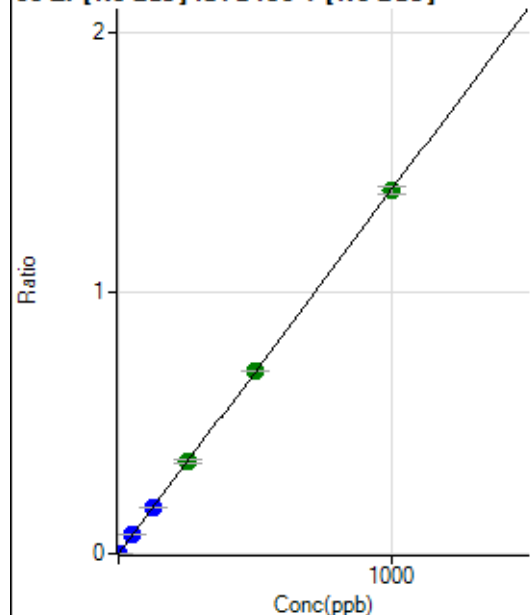
$$DL = 0.006013$$

$$BEC = 0.02675$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.12	0.0000	P	11.6
2	☐	1.000	0.879	6828.40	0.0013	P	4.9
3	☐	50.000	50.837	371647.36	0.0709	P	0.9
4	☐	125.000	126.006	870129.33	0.1758	P	1.4
5	☐	250.000	252.585	1701107.41	0.3523	A	3.1
6	☐	500.000	503.759	3265222.63	0.7025	A	0.2
7	☐	1000.000	997.307	6534540.53	1.3908	A	2.2
8	☐			4521.64	0.0010	P	56.0

$$y = 0.0014 * x + 4.4520E-005$$

$$R = 1.0000$$

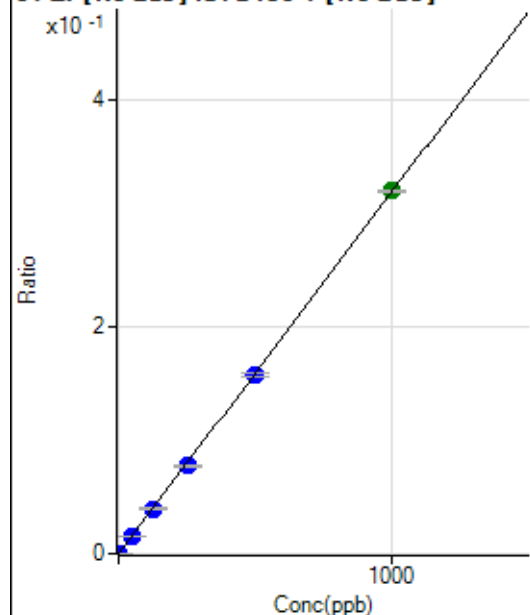
$$DL = 0.01109$$

$$BEC = 0.03193$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	47.6
2	☐	1.000	0.901	1590.11	0.0003	P	0.5
3	☐	50.000	49.839	83064.72	0.0159	P	0.5
4	☐	125.000	124.446	195876.48	0.0396	P	2.2
5	☐	250.000	244.171	374891.48	0.0776	P	2.7
6	☐	500.000	494.720	730919.76	0.1573	P	1.2
7	☐	1000.000	1004.175	1500049.98	0.3192	A	0.6
8	☐			1011.28	0.0002	P	56.5

$$y = 3.1789\text{E-}004 * x + 9.2053\text{E-}006$$

$$R = 1.0000$$

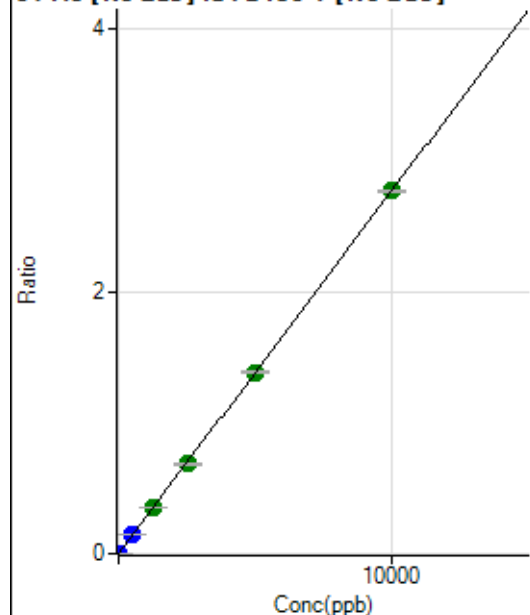
$$DL = 0.04132$$

$$BEC = 0.02896$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0000	P	3.2
2	☐	5.000	5.486	8241.41	0.0015	P	2.1
3	☐	500.000	509.691	738809.20	0.1410	P	0.5
4	☐	1250.000	1275.713	1747200.81	0.3529	A	1.1
5	☐	2500.000	2477.464	3310457.14	0.6853	A	1.6
6	☐	5000.000	4992.581	6418651.29	1.3811	A	1.3
7	☐	10000.000	10005.645	13006190.50	2.7678	A	0.8
8	☐			8999.68	0.0020	P	56.1

$$y = 2.7663\text{E-}004 * x + 1.4756\text{E-}005$$

$$R = 1.0000$$

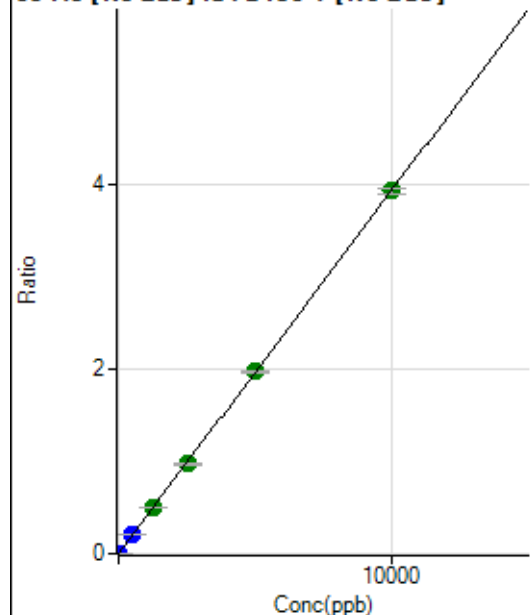
$$DL = 0.005153$$

$$BEC = 0.05334$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.1
2	☐	5.000	4.778	10127.09	0.0019	P	1.4
3	☐	500.000	510.406	1052863.97	0.2010	P	1.3
4	☐	1250.000	1280.222	2495204.83	0.5041	A	2.6
5	☐	2500.000	2475.549	4707964.48	0.9748	A	2.0
6	☐	5000.000	5014.981	9177482.64	1.9747	A	0.7
7	☐	10000.000	9994.324	18490549.86	3.9353	A	1.7
8	☐			12237.23	0.0028	P	55.3

$$y = 3.9375E-004 * x + 2.2517E-006$$

$$R = 1.0000$$

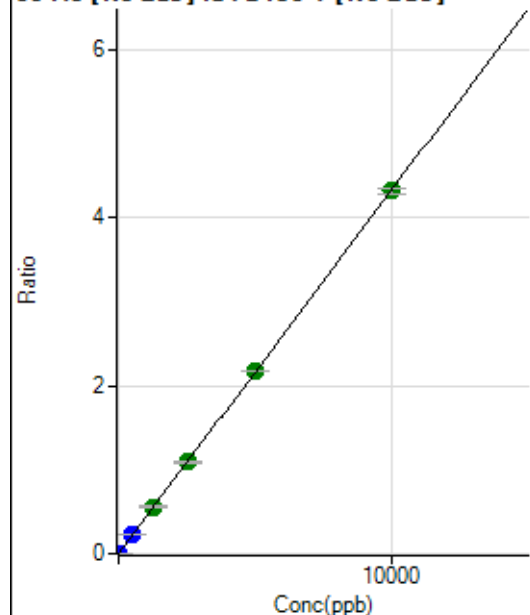
$$DL = 0.009628$$

$$BEC = 0.005719$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0000	P	30.8
2	☐	5.000	4.722	11014.46	0.0020	P	0.7
3	☐	500.000	507.610	1150179.34	0.2195	P	0.8
4	☐	1250.000	1296.029	2774967.39	0.5605	A	1.1
5	☐	2500.000	2518.281	5259332.84	1.0891	A	2.9
6	☐	5000.000	5013.148	10076563.81	2.1680	A	0.4
7	☐	10000.000	9982.722	20284696.36	4.3172	A	1.6
8	☐			13406.86	0.0030	P	56.6

$$y = 4.3247E-004 * x + 5.9336E-006$$

$$R = 1.0000$$

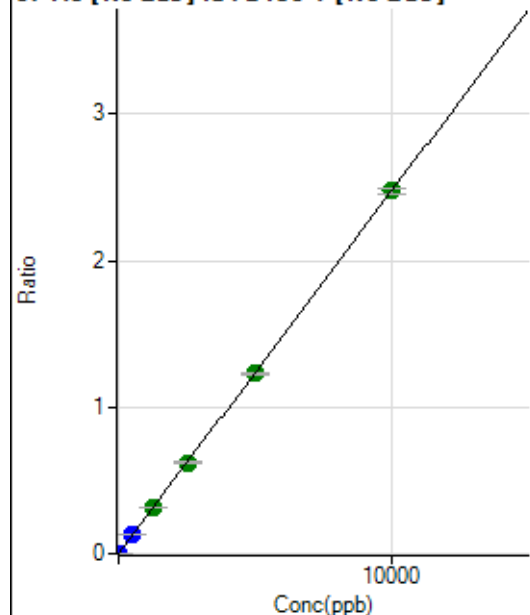
$$DL = 0.01267$$

$$BEC = 0.01372$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.4
2	☐	5.000	4.819	6411.54	0.0012	P	2.7
3	☐	500.000	509.492	660070.63	0.1260	P	1.5
4	☐	1250.000	1288.351	1577402.13	0.3186	A	1.3
5	☐	2500.000	2502.467	2989092.63	0.6189	A	2.0
6	☐	5000.000	4971.438	5713982.00	1.2295	A	0.9
7	☐	10000.000	10008.396	11630095.38	2.4751	A	1.5
8	☐			7524.52	0.0017	P	57.7

$$y = 2.4731E-004 * x + 6.1448E-007$$

$$R = 1.0000$$

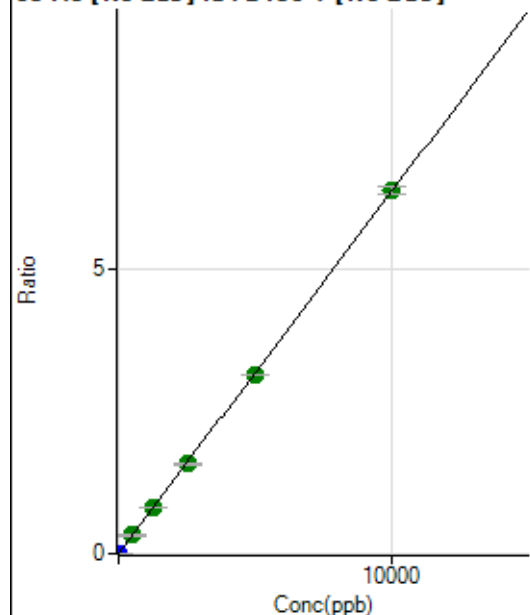
$$DL = 0.00741$$

$$BEC = 0.002485$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0000	P	37.0
2	☐	5.000	4.670	15940.36	0.0030	P	3.4
3	☐	500.000	506.757	1683072.98	0.3213	A	1.9
4	☐	1250.000	1266.256	3974660.22	0.8028	A	1.6
5	☐	2500.000	2476.180	7582570.51	1.5699	A	1.9
6	☐	5000.000	4958.315	14610238.81	3.1436	A	0.4
7	☐	10000.000	10024.428	29860396.22	6.3555	A	2.1
8	☐			18718.08	0.0042	P	54.7

$$y = 6.3400E-004 * x + 4.2935E-006$$

$$R = 1.0000$$

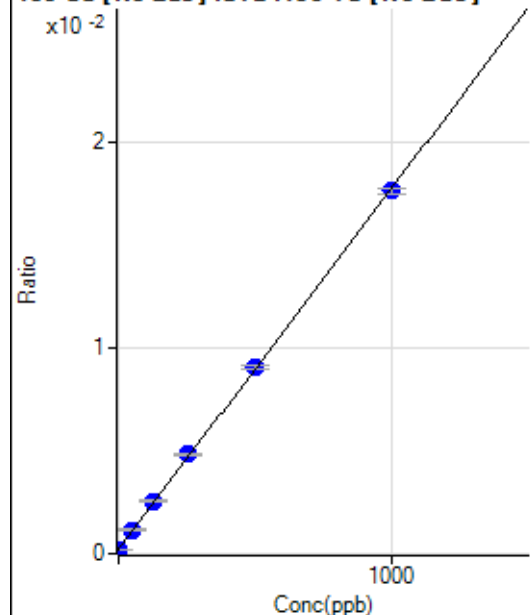
$$DL = 0.007527$$

$$BEC = 0.006772$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1231.18	0.0002	P	4.0
2	☐	1.000	1.208	1364.53	0.0002	P	2.9
3	☐	50.000	53.539	6867.32	0.0011	P	5.5
4	☐	125.000	133.689	14776.89	0.0025	P	1.7
5	☐	250.000	263.977	27079.95	0.0048	P	2.8
6	☐	500.000	504.598	51174.61	0.0090	P	2.5
7	☐	1000.000	992.943	101455.35	0.0176	P	1.2
8	☐			974.49	0.0002	P	1.8

$$y = 1.7522\text{E-}005 * x + 2.0517\text{E-}004$$

$$R = 0.9999$$

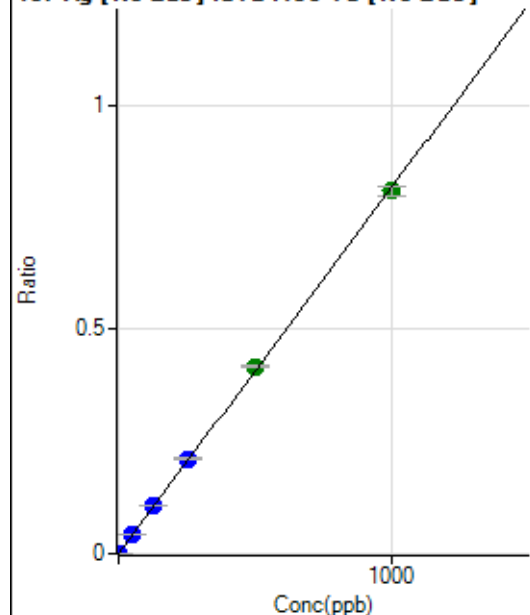
$$DL = 1.419$$

$$BEC = 11.71$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0000	P	12.6
2	☐	1.000	0.997	4936.49	0.0008	P	3.1
3	☐	50.000	54.200	265502.42	0.0442	P	1.6
4	☐	125.000	130.901	619482.18	0.1068	P	2.0
5	☐	250.000	259.695	1187654.00	0.2119	P	3.5
6	☐	500.000	510.781	2357697.78	0.4167	A	1.1
7	☐	1000.000	991.238	4660197.64	0.8087	A	2.4
8	☐			1573.86	0.0003	P	75.6

$$y = 8.1589\text{E-}004 * x + 5.3725\text{E-}006$$

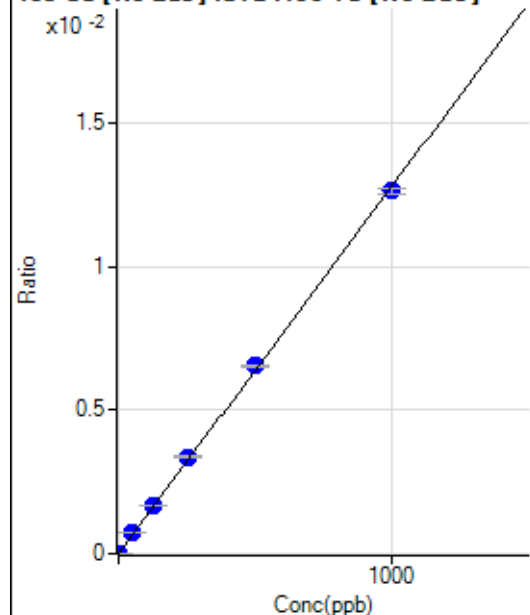
$$R = 0.9999$$

$$DL = 0.00248$$

$$BEC = 0.006585$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.9
2	☐	1.000	1.156	94.45	0.0000	P	29.9
3	☐	50.000	56.476	4335.18	0.0007	P	2.7
4	☐	125.000	131.391	9740.20	0.0017	P	1.0
5	☐	250.000	263.670	18886.37	0.0034	P	2.6
6	☐	500.000	512.903	37069.80	0.0066	P	0.8
7	☐	1000.000	989.008	72805.32	0.0126	P	1.8
8	☐			74.45	0.0000	P	55.1

$$y = 1.2773\text{E-}005 * x + 9.2778\text{E-}007$$

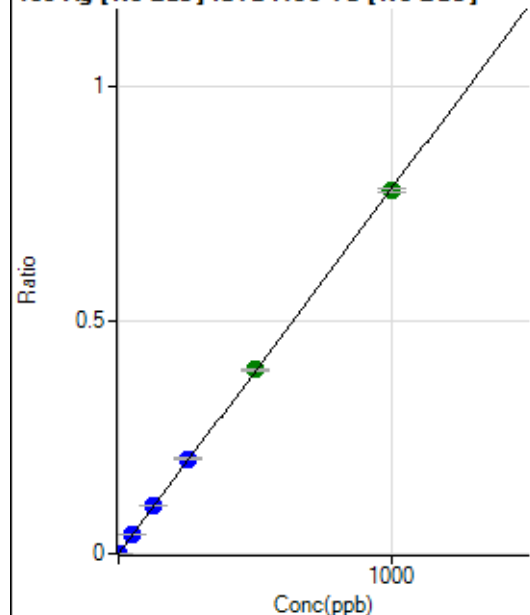
$$R = 0.9998$$

$$DL = 0.1524$$

$$BEC = 0.07264$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.00	0.0000	P	29.2
2	☐	1.000	0.956	4538.58	0.0008	P	2.3
3	☐	50.000	54.279	254910.36	0.0425	P	0.7
4	☐	125.000	131.494	596541.37	0.1029	P	2.3
5	☐	250.000	260.874	1143837.47	0.2041	P	3.3
6	☐	500.000	503.730	2229133.42	0.3940	A	1.0
7	☐	1000.000	994.391	4482848.23	0.7778	A	1.2
8	☐			1508.30	0.0003	P	67.6

$$y = 7.8219\text{E-}004 * x + 4.9952\text{E-}006$$

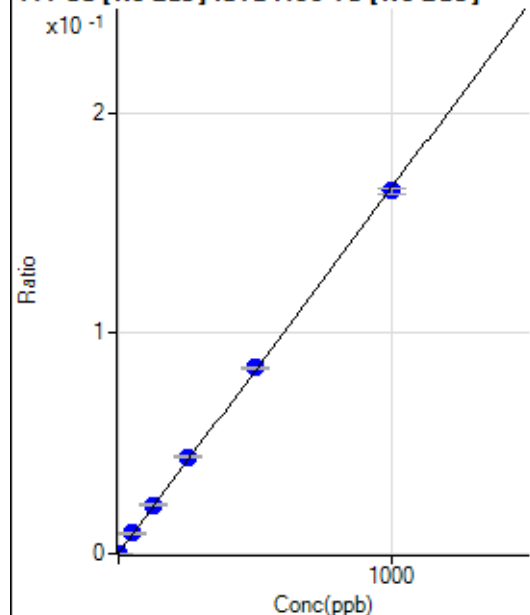
$$R = 0.9999$$

$$DL = 0.005587$$

$$BEC = 0.006386$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	862.38	0.0001	P	4.1
2	☐	1.000	1.062	1929.11	0.0003	P	2.8
3	☐	50.000	54.440	55093.24	0.0092	P	0.5
4	☐	125.000	132.204	128049.04	0.0221	P	2.9
5	☐	250.000	262.874	245336.23	0.0438	P	2.5
6	☐	500.000	507.872	477571.38	0.0844	P	1.0
7	☐	1000.000	991.723	949180.36	0.1647	P	1.6
8	☐			1118.95	0.0002	P	27.9

$$y = 1.6593\text{E-}004 * x + 1.4371\text{E-}004$$

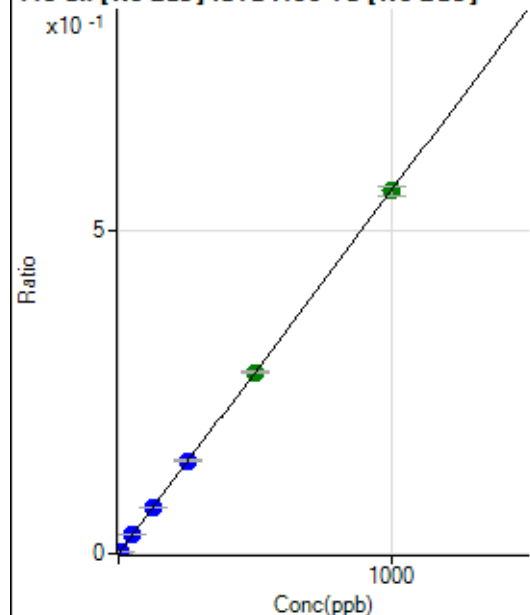
$$R = 0.9999$$

$$DL = 0.1068$$

$$BEC = 0.8661$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	597.80	0.0001	P	11.7
2	☐	5.000	4.981	17450.11	0.0029	P	0.5
3	☐	50.000	52.293	176766.43	0.0294	P	0.6
4	☐	125.000	127.306	414939.75	0.0715	P	1.8
5	☐	250.000	255.085	803035.44	0.1432	P	2.7
6	☐	500.000	499.005	1584895.05	0.2801	A	1.2
7	☐	1000.000	998.823	3230218.35	0.5606	A	2.8
8	☐			3913.10	0.0007	P	25.9

$$y = 5.6117\text{E-}004 * x + 9.9633\text{E-}005$$

$$R = 1.0000$$

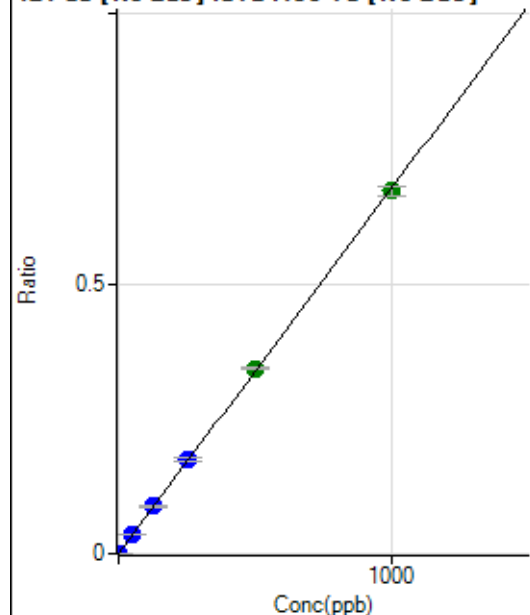
$$DL = 0.0621$$

$$BEC = 0.1775$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	76.4
2	☐	2.000	1.979	8095.80	0.0013	P	1.1
3	☐	50.000	51.891	210902.20	0.0351	P	1.3
4	☐	125.000	129.166	507212.39	0.0874	P	1.4
5	☐	250.000	258.373	980590.78	0.1749	P	2.6
6	☐	500.000	507.715	1944669.35	0.3437	A	0.5
7	☐	1000.000	993.434	3875443.94	0.6725	A	2.4
8	☐			3665.25	0.0007	P	25.5

$$y = 6.7698\text{E-}004 * x + 3.6861\text{E-}006$$

$$R = 0.9999$$

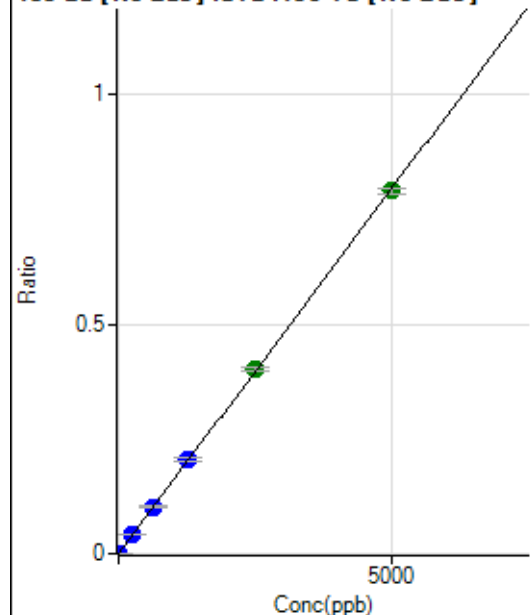
$$DL = 0.01249$$

$$BEC = 0.005445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0000	P	28.3
2	☐	10.000	9.760	9405.58	0.0016	P	2.9
3	☐	250.000	261.275	249331.90	0.0415	P	1.2
4	☐	625.000	640.438	590381.00	0.1018	P	1.7
5	☐	1250.000	1287.273	1146678.14	0.2046	P	3.7
6	☐	2500.000	2531.082	2275388.18	0.4022	A	2.3
7	☐	5000.000	4972.648	4554277.36	0.7903	A	1.6
8	☐			2666.19	0.0005	P	46.0

$$y = 1.5892\text{E-}004 * x + 9.4240\text{E-}006$$

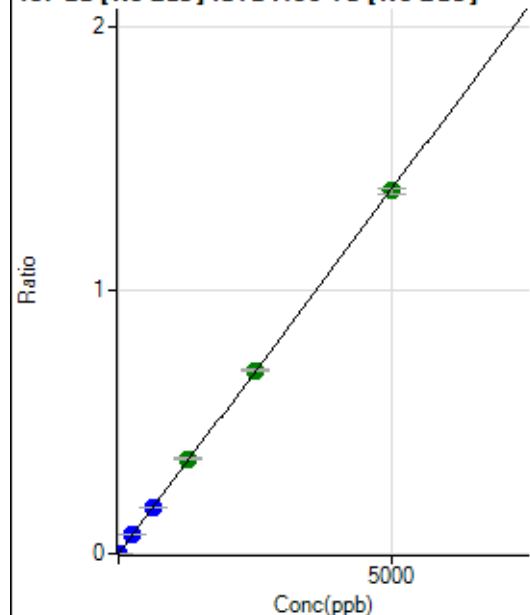
$$R = 0.9999$$

$$DL = 0.05038$$

$$BEC = 0.0593$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0000	P	20.2
2	☐	10.000	9.616	16053.00	0.0027	P	3.2
3	☐	250.000	259.580	430352.73	0.0717	P	1.9
4	☐	625.000	640.866	1026636.19	0.1770	P	1.6
5	☐	1250.000	1301.101	2014457.42	0.3593	A	2.5
6	☐	2500.000	2511.668	3924204.32	0.6937	A	1.4
7	☐	5000.000	4978.929	7924728.91	1.3750	A	1.8
8	☐			4953.36	0.0009	P	51.6

$$y = 2.7617E-004 * x + 7.2185E-006$$

$$R = 0.9999$$

$$DL = 0.01583$$

$$BEC = 0.02614$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			12.22		P	41.7
3	☐			34.44		P	5.6
4	☐			44.44		P	18.9
5	☐			118.89		P	15.9
6	☐			181.11		P	16.6
7	☐			410.01		P	17.1
8	☐			86.66		P	13.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			4.44		P	43.4
4	☐			10.00		P	33.3
5	☐			17.78		P	57.3
6	☐			31.11		P	24.7
7	☐			78.89		P	35.2
8	☐			28.89		P	43.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			6.67		P	173.
3	☐			30.00		P	11.1
4	☐			51.11		P	24.7
5	☐			85.56		P	16.2
6	☐			170.00		P	21.6
7	☐			404.46		P	9.1
8	☐			322.23		P	9.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			13.33		P	43.3
4	☐			23.33		P	37.8
5	☐			40.00		P	25.0
6	☐			74.45		P	14.4
7	☐			171.11		P	20.5
8	☐			130.00		P	22.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	31.2
2	☐			28.89		P	40.5
3	☐			48.89		P	52.1
4	☐			65.55		P	10.6
5	☐			111.11		P	9.2
6	☐			156.67		P	7.7
7	☐			362.23		P	9.4
8	☐			341.12		P	8.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	21.8
2	☐			74.44		P	23.0
3	☐			82.22		P	20.0
4	☐			70.00		P	12.6
5	☐			100.00		P	13.3
6	☐			107.78		P	12.9
7	☐			198.89		P	11.9
8	☐			196.67		P	16.3

164 Er [No Gas] No available calibration points

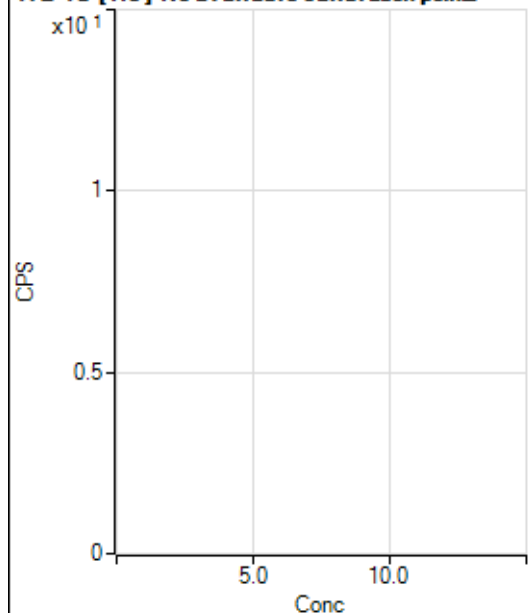
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	24.1
2	☐			34.44		P	34.0
3	☐			56.67		P	30.6
4	☐			51.11		P	26.4
5	☐			66.66		P	22.9
6	☐			105.56		P	36.3
7	☐			218.89		P	3.8
8	☐			175.56		P	18.4

164 Er [He] No available calibration points

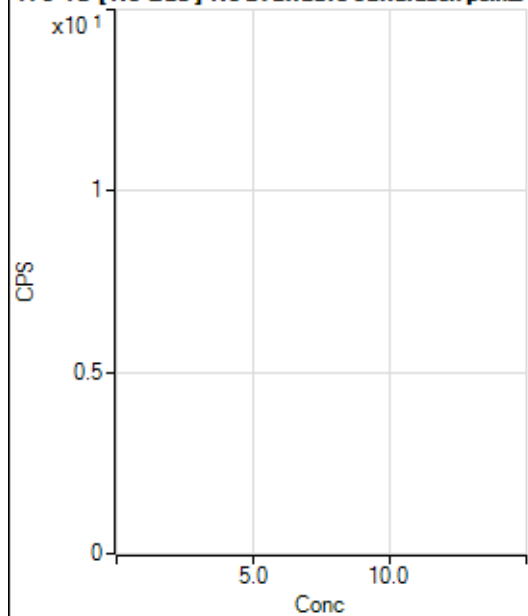
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐			14.45		P	48.0
3	☐			26.67		P	12.5
4	☐			23.33		P	49.5
5	☐			28.89		P	17.6
6	☐			26.67		P	33.1
7	☐			66.67		P	27.8
8	☐			72.22		P	18.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	47.2
2	☐			33.33		P	10.0
3	☐			41.11		P	4.7
4	☐			65.56		P	12.8
5	☐			56.67		P	38.6
6	☐			100.00		P	3.3
7	☐			171.11		P	8.8
8	☐			206.67		P	8.5

172 Yb [He] No available calibration points

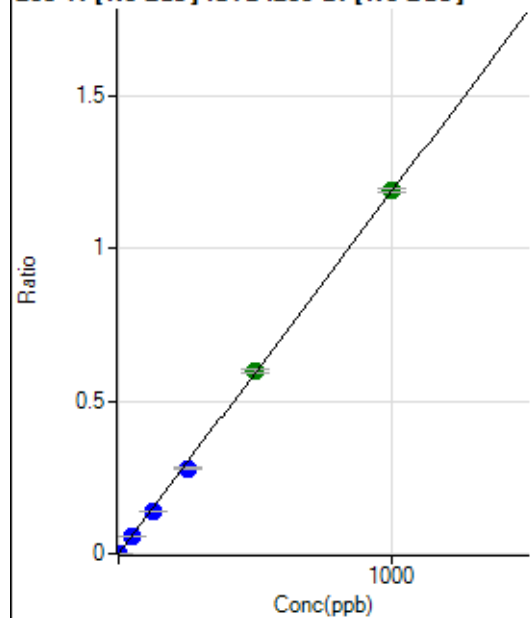
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐			14.45		P	26.7
3	☐			14.44		P	13.4
4	☐			20.00		P	50.0
5	☐			25.55		P	27.1
6	☐			42.22		P	4.6
7	☐			60.00		P	11.1
8	☐			83.33		P	24.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			532.24		P	10.1
2	☐			608.91		P	3.0
3	☐			1593.45		P	2.9
4	☐			2924.80		P	7.1
5	☐			5330.02		P	2.1
6	☐			10123.98		P	1.2
7	☐			20467.12		P	3.4
8	☐			571.13		P	8.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7392.15		P	5.1
2	☐			7267.61		P	1.7
3	☐			7025.28		P	4.3
4	☐			6787.38		P	1.0
5	☐			7620.04		P	2.1
6	☐			9258.89		P	2.2
7	☐			12640.58		P	2.5
8	☐			5815.78		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28.89	0.0000	P	46.0
2	☐	1.000	0.874	4387.45	0.0010	P	3.6
3	☐	50.000	47.190	235220.89	0.0559	P	1.6
4	☐	125.000	118.060	571460.37	0.1399	P	1.0
5	☐	250.000	236.099	1132147.53	0.2798	P	0.5
6	☐	500.000	503.683	2311284.70	0.5968	A	2.4
7	☐	1000.000	1002.642	4682872.54	1.1880	A	0.9
8	☐			2141.54	0.0006	P	59.7

$$y = 0.0012 * x + 6.8662E-006$$

$$R = 0.9999$$

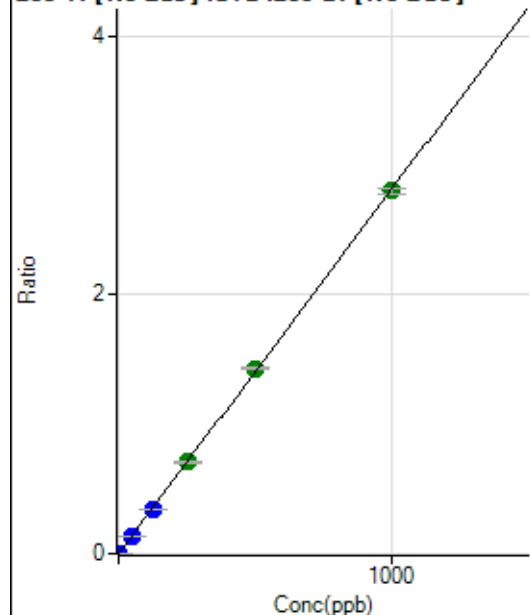
$$DL = 0.007997$$

$$BEC = 0.005795$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0000	P	5.6
2	☐	1.000	0.889	10628.89	0.0025	P	2.6
3	☐	50.000	48.238	571387.78	0.1359	P	2.4
4	☐	125.000	120.820	1389732.43	0.3402	P	1.8
5	☐	250.000	251.656	2867709.61	0.7086	A	1.0
6	☐	500.000	507.928	5538720.96	1.4302	A	1.2
7	☐	1000.000	996.233	11057378.72	2.8052	A	1.4
8	☐			5364.90	0.0016	P	59.4

$$y = 0.0028 * x + 2.1729E-005$$

$$R = 0.9999$$

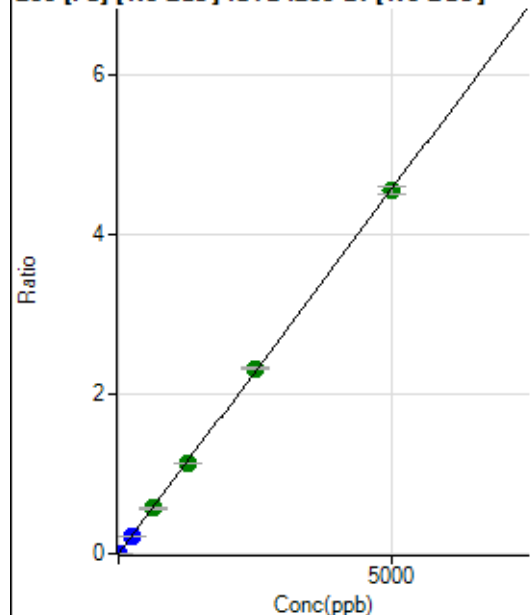
$$DL = 0.001294$$

$$BEC = 0.007717$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	375.56	0.0001	P	11.3
2	☐	1.000	0.921	3913.97	0.0009	P	2.9
3	☐	250.000	239.773	920577.87	0.2188	P	1.5
4	☐	625.000	623.967	2325809.74	0.5694	A	1.6
5	☐	1250.000	1246.833	4604026.49	1.1377	A	0.5
6	☐	2500.000	2545.243	8992931.60	2.3223	A	1.5
7	☐	5000.000	4978.811	17905532.51	4.5426	A	2.2
8	☐			9407.59	0.0027	P	57.2

$$y = 9.1236E-004 * x + 8.9611E-005$$

$$R = 0.9999$$

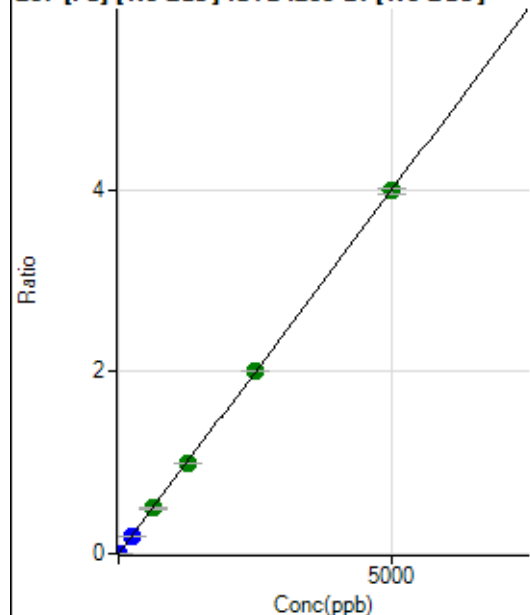
$$DL = 0.03315$$

$$BEC = 0.09822$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	335.56	0.0001	P	4.7
2	☐	1.000	0.932	3470.50	0.0008	P	0.2
3	☐	250.000	240.292	807612.71	0.1920	P	1.8
4	☐	625.000	624.586	2038199.40	0.4989	A	1.1
5	☐	1250.000	1250.110	4041093.45	0.9986	A	0.8
6	☐	2500.000	2518.898	7792240.58	2.0120	A	0.3
7	☐	5000.000	4991.060	15713834.63	3.9865	A	1.5
8	☐			8251.80	0.0024	P	55.5

$$y = 7.9871\text{E-}004 * x + 7.9987\text{E-}005$$

$$R = 1.0000$$

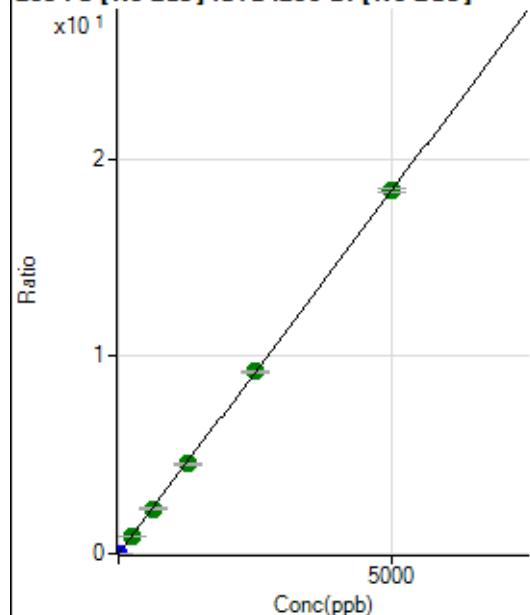
$$DL = 0.01426$$

$$BEC = 0.1001$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1526.72	0.0004	P	1.9
2	☐	1.000	0.922	15800.61	0.0038	P	2.1
3	☐	250.000	245.220	3795727.80	0.9024	A	1.3
4	☐	625.000	620.964	9332009.55	2.2845	A	1.0
5	☐	1250.000	1235.264	18389274.94	4.5440	A	1.0
6	☐	2500.000	2509.264	35746574.54	9.2302	A	0.8
7	☐	5000.000	4999.795	72493748.78	18.3912	A	1.2
8	☐			37891.70	0.0110	P	56.3

$$y = 0.0037 * x + 3.6406\text{E-}004$$

$$R = 1.0000$$

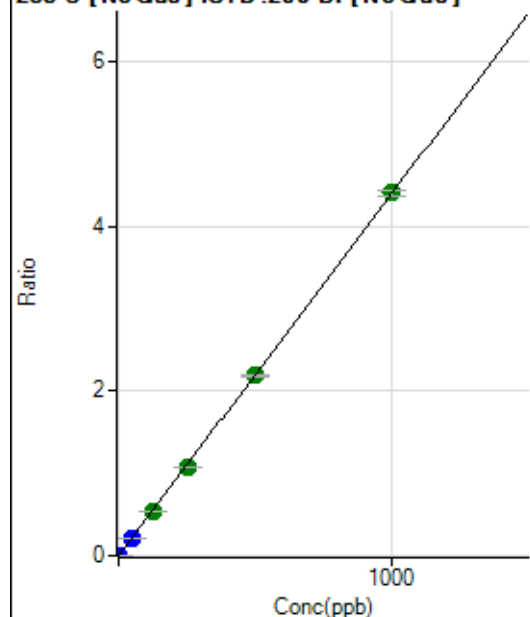
$$DL = 0.005575$$

$$BEC = 0.09898$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	56.3
2	☐	1.000	0.841	15568.53	0.0037	P	1.4
3	☐	50.000	46.334	856728.90	0.2037	P	2.1
4	☐	125.000	121.504	2182044.48	0.5341	A	1.6
5	☐	250.000	244.088	4342350.56	1.0730	A	1.5
6	☐	500.000	497.778	8473541.47	2.1882	A	1.6
7	☐	1000.000	1003.209	17383021.68	4.4100	A	1.5
8	☐			6545.96	0.0019	P	79.3

$$y = 0.0044 * x + 2.1084E-006$$

$$R = 1.0000$$

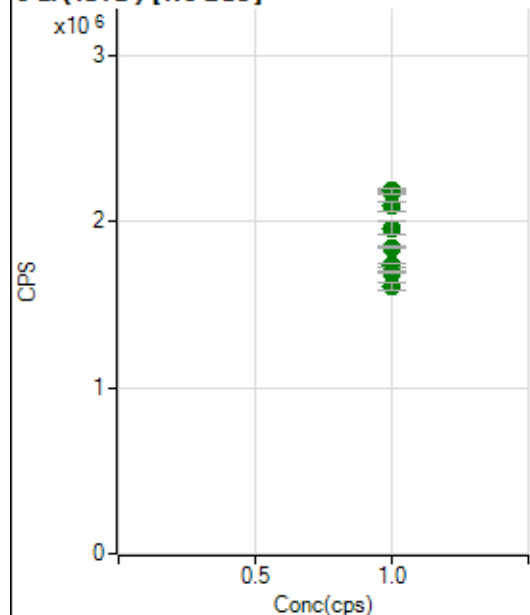
$$DL = 0.0008105$$

$$BEC = 0.0004796$$

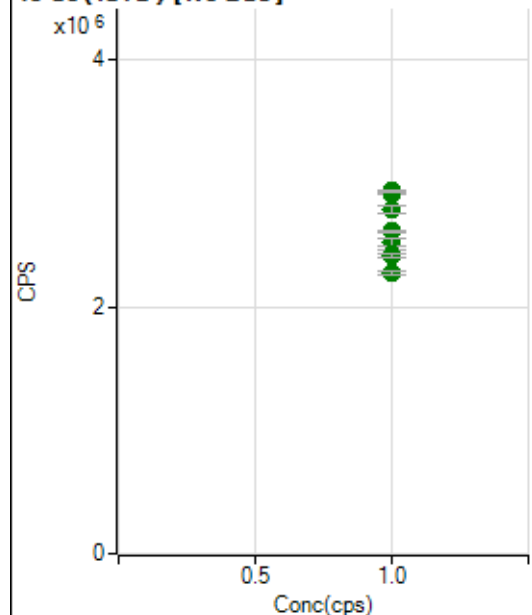
Weight: <None>

Min Conc: 0

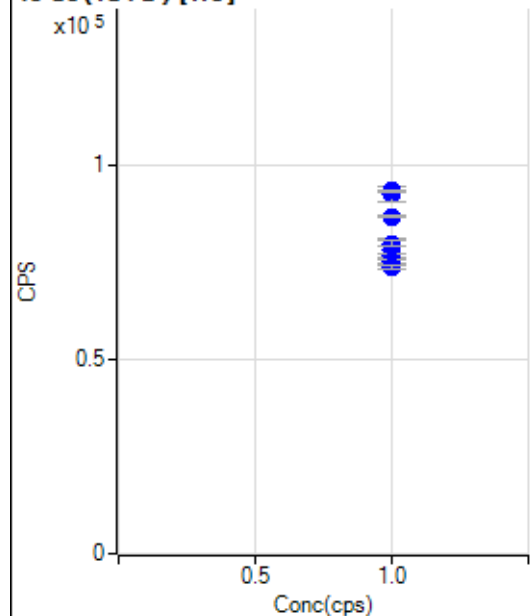
6 Li (ISTD) [No Gas]



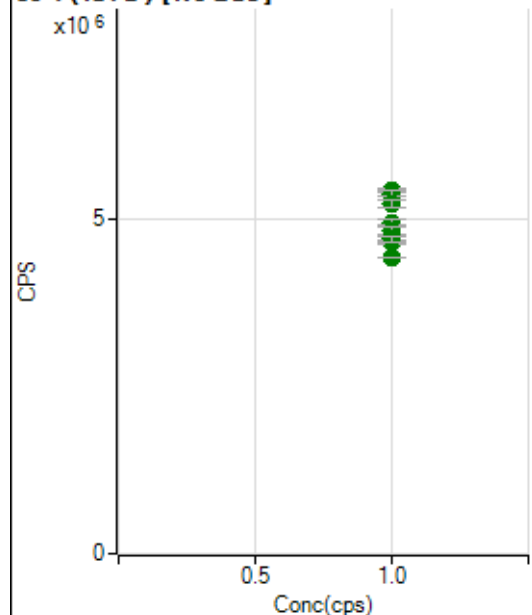
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2181082.44		A	0.6
2	☐	1.000		2184542.85		A	1.9
3	☐	1.000		2091059.09		A	2.8
4	☐	1.000		1961305.19		A	3.9
5	☐	1.000		1846697.14		A	0.3
6	☐	1.000		1731849.16		A	1.3
7	☐	1.000		1693947.88		A	1.1
8	☐	1.000		1609916.84		A	2.9

45 Sc (ISTD) [No Gas]

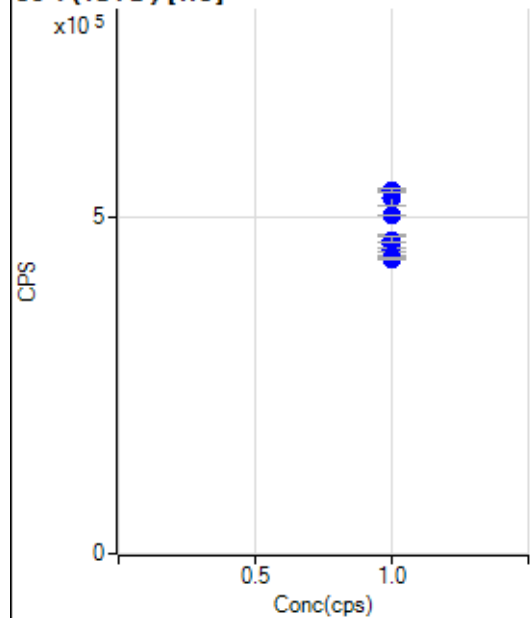
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2919037.35		A	0.5
2	☐	1.000		2938831.03		A	0.5
3	☐	1.000		2790774.19		A	2.2
4	☐	1.000		2610217.63		A	1.0
5	☐	1.000		2527815.17		A	2.4
6	☐	1.000		2429848.21		A	1.9
7	☐	1.000		2418269.56		A	1.3
8	☐	1.000		2274048.87		A	1.5

45 Sc (ISTD) [He]

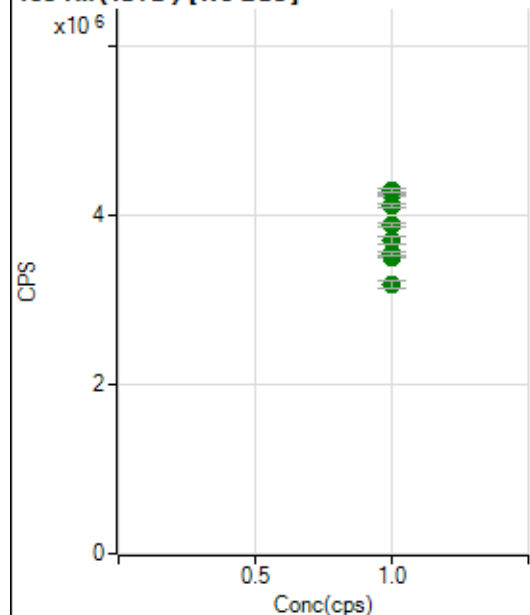
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		92498.78		P	4.6
2	☐	1.000		93380.93		P	0.4
3	☐	1.000		86816.79		P	0.6
4	☐	1.000		78393.84		P	7.0
5	☐	1.000		76872.99		P	1.2
6	☐	1.000		75195.33		P	1.1
7	☐	1.000		73785.92		P	1.6
8	☐	1.000		79837.90		P	1.9

89 Y (ISTD) [No Gas]

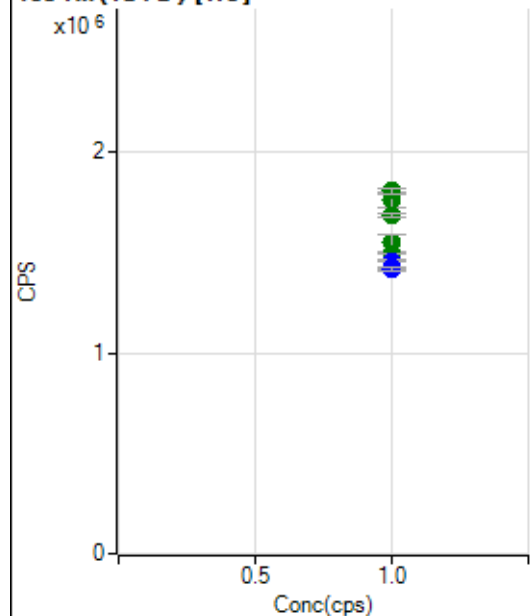
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5420393.74		A	1.1
2	☐	1.000		5377609.64		A	1.6
3	☐	1.000		5239783.64		A	2.3
4	☐	1.000		4951555.10		A	1.9
5	☐	1.000		4831497.39		A	2.5
6	☐	1.000		4647756.80		A	1.0
7	☐	1.000		4699290.80		A	1.4
8	☐	1.000		4429400.73		A	0.2

89 Y (ISTD) [He]

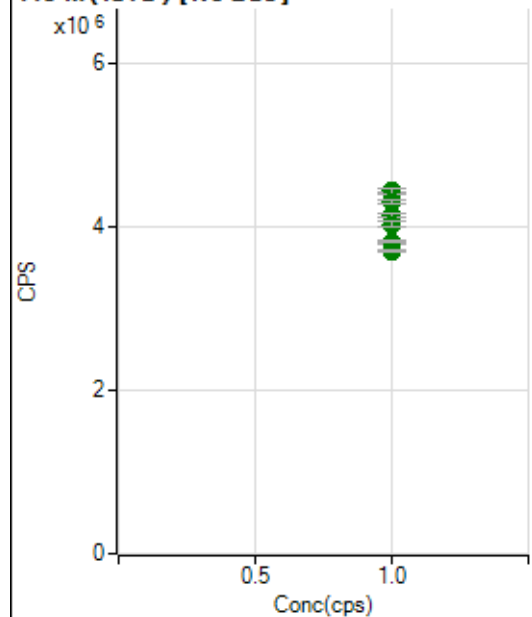
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		528409.58		P	4.2
2	☐	1.000		538336.75		P	0.9
3	☐	1.000		501267.91		P	0.1
4	☐	1.000		459021.95		P	6.8
5	☐	1.000		451022.89		P	0.9
6	☐	1.000		439752.71		P	1.2
7	☐	1.000		437424.57		P	0.8
8	☐	1.000		466440.67		P	1.6

103 Rh (ISTD) [No Gas]

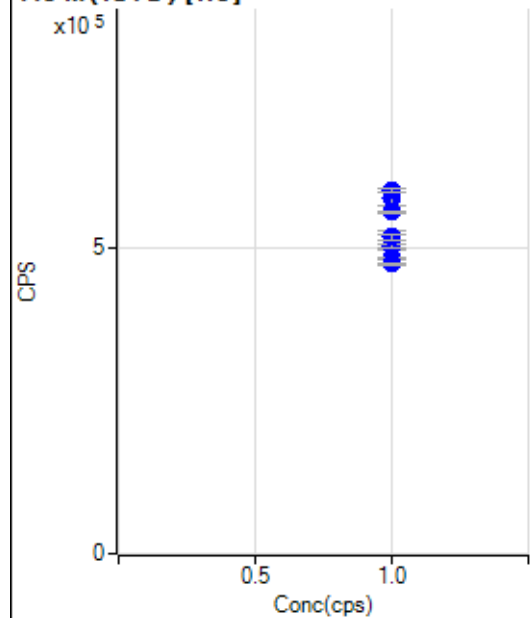
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4238225.04		A	1.0
2	☐	1.000		4285837.82		A	1.0
3	☐	1.000		4107598.20		A	0.9
4	☐	1.000		3882985.46		A	1.4
5	☐	1.000		3707943.62		A	2.5
6	☐	1.000		3507806.37		A	1.1
7	☐	1.000		3547708.73		A	0.9
8	☐	1.000		3181699.95		A	2.4

103 Rh (ISTD) [He]

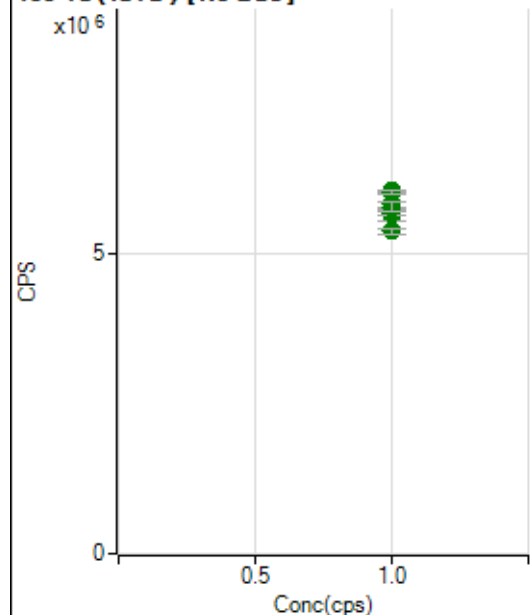
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1765410.88		A	4.4
2	☐	1.000		1809534.42		A	1.3
3	☐	1.000		1689711.95		A	0.8
4	☐	1.000		1551316.75		A	5.5
5	☐	1.000		1495257.03		A	0.5
6	☐	1.000		1460843.61		P	0.6
7	☐	1.000		1426228.68		P	0.8
8	☐	1.000		1417892.62		P	1.4

115 In (ISTD) [No Gas]

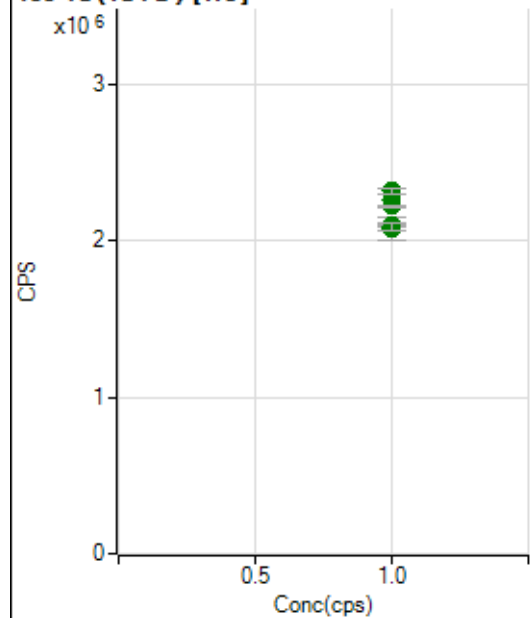
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4401339.64		A	0.5
2	☐	1.000		4437023.64		A	1.7
3	☐	1.000		4304803.45		A	1.1
4	☐	1.000		4138114.14		A	1.3
5	☐	1.000		4022418.89		A	1.8
6	☐	1.000		3810261.78		A	1.0
7	☐	1.000		3815584.01		A	0.5
8	☐	1.000		3699026.45		A	0.9

115 In (ISTD) [He]

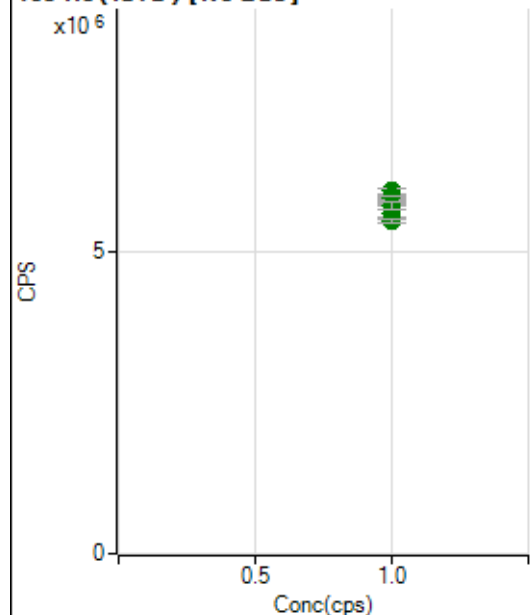
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		583701.63		P	4.7
2	☐	1.000		594349.96		P	0.9
3	☐	1.000		559206.19		P	0.4
4	☐	1.000		513130.72		P	6.5
5	☐	1.000		503676.91		P	1.0
6	☐	1.000		483717.94		P	0.3
7	☐	1.000		475177.73		P	0.8
8	☐	1.000		518713.66		P	1.8

159 Tb (ISTD) [No Gas]

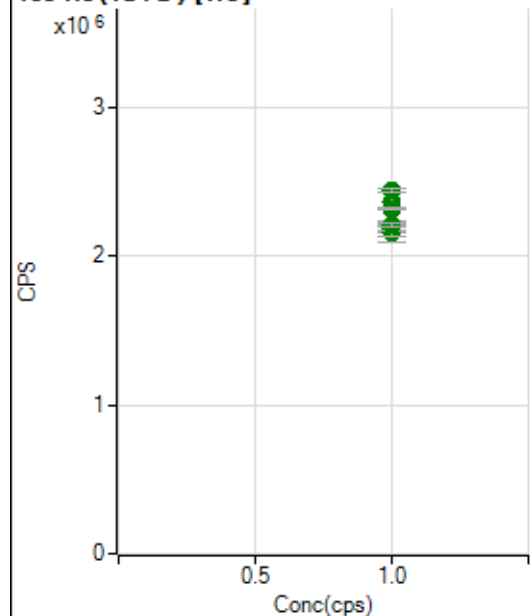
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6001006.30		A	1.2
2	☐	1.000		6027800.05		A	0.7
3	☐	1.000		6003617.48		A	1.5
4	☐	1.000		5801265.05		A	1.8
5	☐	1.000		5608758.80		A	2.8
6	☐	1.000		5658079.02		A	1.7
7	☐	1.000		5764577.07		A	2.5
8	☐	1.000		5359957.21		A	1.6

159 Tb (ISTD) [He]

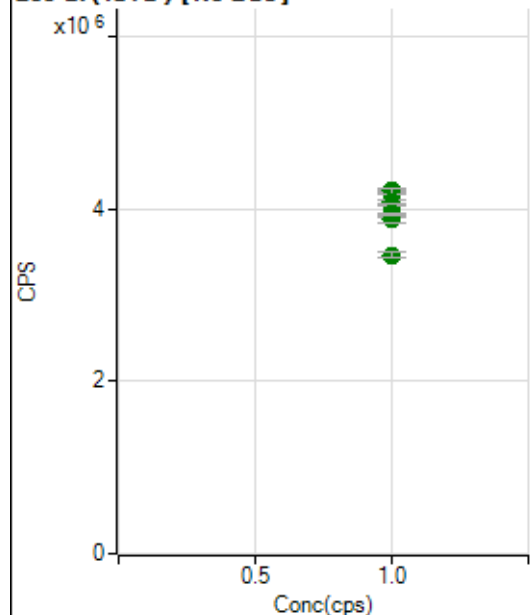
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2254816.77		A	3.3
2	☐	1.000		2318102.78		A	1.3
3	☐	1.000		2219304.17		A	0.7
4	☐	1.000		2074451.10		A	6.9
5	☐	1.000		2095382.22		A	0.9
6	☐	1.000		2074845.00		A	1.0
7	☐	1.000		2084370.02		A	2.0
8	☐	1.000		2093419.10		A	2.5

165 Ho (ISTD) [No Gas]

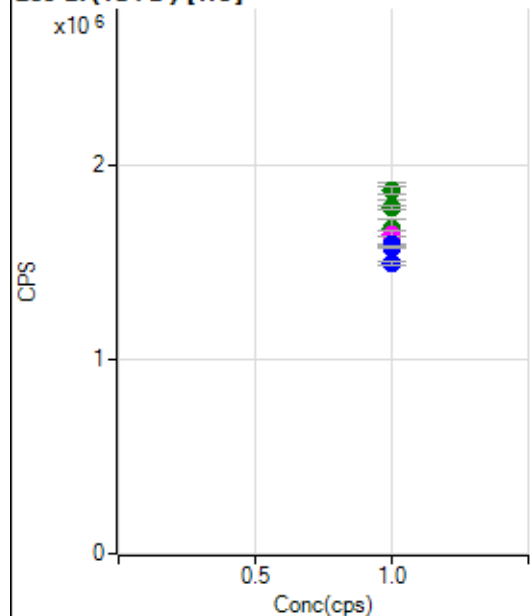
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5940332.76		A	1.0
2	☐	1.000		6006566.92		A	1.5
3	☐	1.000		5927562.13		A	1.0
4	☐	1.000		5877936.93		A	1.1
5	☐	1.000		5767612.00		A	0.6
6	☐	1.000		5628623.53		A	2.1
7	☐	1.000		5748700.96		A	2.2
8	☐	1.000		5498352.91		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2365397.69		A	5.0
2	☐	1.000		2434442.91		A	1.1
3	☐	1.000		2315577.53		A	0.9
4	☐	1.000		2161419.26		A	7.1
5	☐	1.000		2183511.50		A	1.0
6	☐	1.000		2177840.72		A	2.2
7	☐	1.000		2149049.66		A	1.9
8	☐	1.000		2206387.57		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4193504.63		A	1.5
2	☐	1.000		4209863.52		A	1.0
3	☐	1.000		4207198.86		A	2.0
4	☐	1.000		4085299.18		A	1.1
5	☐	1.000		4046926.61		A	0.3
6	☐	1.000		3873018.59		A	1.4
7	☐	1.000		3941861.23		A	0.3
8	☐	1.000		3468575.54		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1865437.51		A	4.5
2	☐	1.000		1866314.78		A	2.2
3	☐	1.000		1779393.97		A	1.3
4	☐	1.000		1674752.94		A	5.5
5	☐	1.000		1644169.09		M	1.9
6	☐	1.000		1588212.46		P	0.4
7	☐	1.000		1577046.95		P	1.0
8	☐	1.000		1493618.88		P	1.0