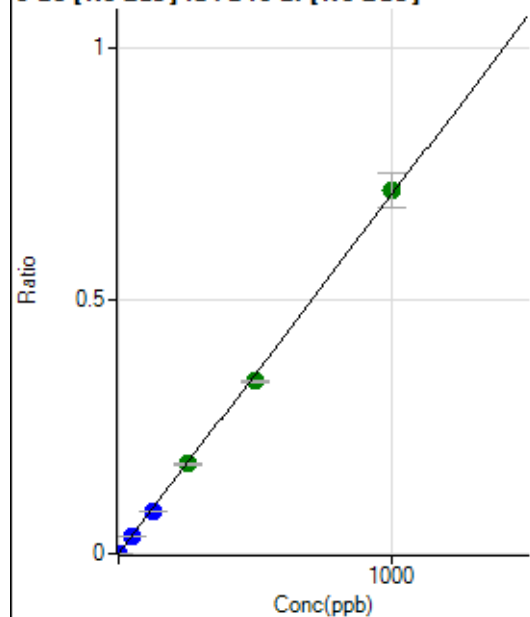


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021225MSA-2.b\
 Analysis File: P8021225MSA-2.batch.bin
 DA Date-Time: 2025-02-12 16:44:29
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-12 13:30:55
2	005CALS.d	S02	2025-02-12 13:34:17
3	006CALB.d	S03	2025-02-12 13:37:40
4	007CALS.d	S04	2025-02-12 13:40:47
5	008CALS.d	S05	2025-02-12 13:43:47
6	009CALS.d	S06	2025-02-12 13:46:37
7	010CALS.d	S07	2025-02-12 13:49:25
8	011CALS.d	S08	2025-02-12 13:52:10

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1051.99	0.0001	P	2.0
2	☐	1.000	1.067	7090.00	0.0009	P	3.7
3	☐	50.000	47.513	269252.02	0.0338	P	0.9
4	☐	125.000	119.225	666466.44	0.0847	P	1.8
5	☐	250.000	249.809	1373729.72	0.1773	A	1.6
6	☐	500.000	479.706	2578235.30	0.3403	A	2.0
7	☐	1000.000	1011.041	5057788.26	0.7171	A	9.7
8	☐			2405.32	0.0004	P	7.7

$$y = 7.0918\text{E-}004 * x + 1.3040\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.01081$$

$$BEC = 0.1839$$

Weight: <None>

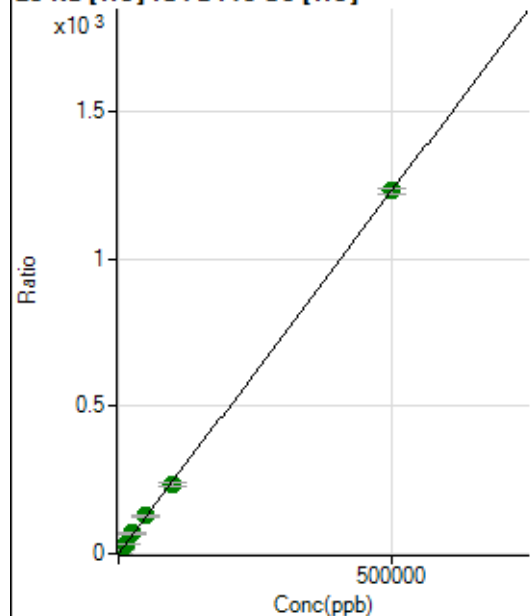
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2482245.12		A	2.1
2	☐			2665918.08		A	0.8
3	☐			2630788.07		A	1.4
4	☐			2987644.61		A	0.3
5	☐			3206166.89		A	1.4
6	☐			3531106.23		A	3.0
7	☐			4425070.18		A	4.5
8	☐			3983160.91		A	3.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15502.74		P	0.3
2	☐			16744.09		P	1.8
3	☐			17057.76		P	2.6
4	☐			19802.30		P	1.8
5	☐			21422.36		P	2.3
6	☐			24913.37		P	1.3
7	☐			33086.06		P	1.5
8	☐			35955.02		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67553.06	0.3960	P	0.9
2	☐	500.000	569.474	299918.61	1.7972	P	0.8
3	☐	5000.000	5209.943	2279491.09	13.2153	A	1.9
4	☐	12500.000	12975.411	5557475.40	32.3226	A	1.9
5	☐	25000.000	27699.506	11216594.42	68.5519	A	6.5
6	☐	50000.000	51771.559	21695174.95	127.7824	A	1.5
7	☐	100000.00	96359.322	42248531.87	237.4928	A	5.6
8	☐	500000.00	500401.95	196398228.1	1,231.659	A	1.6

$$y = 0.0025 * x + 0.3960$$

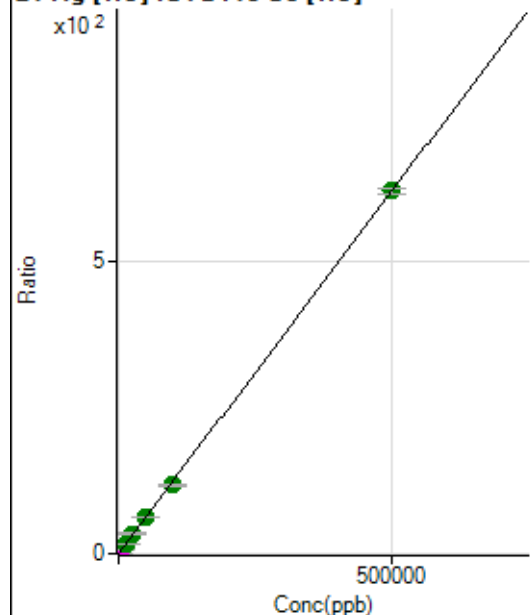
$$R = 0.9999$$

$$DL = 4.364$$

$$BEC = 160.9$$

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	2725.84	0.0160	P	5.2
2	☐	500.000	568.727	120459.27	0.7218	P	0.7
3	☐	5000.000	5176.607	1110929.87	6.4405	M	1.7
4	☐	12500.000	12962.738	2768866.52	16.1036	A	1.9
5	☐	25000.000	27513.986	5587338.39	34.1626	A	7.5
6	☐	50000.000	51047.445	10759501.99	63.3691	A	1.7
7	☐	100000.00	94321.166	20828569.41	117.0746	A	5.3
8	☐	500000.00	500891.92	99126064.08	621.6549	A	1.7

$$y = 0.0012 * x + 0.0160$$

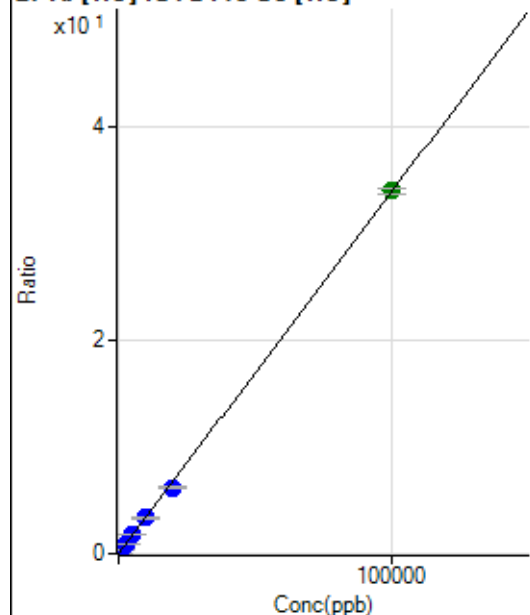
$$R = 0.9999$$

$$DL = 1.993$$

$$BEC = 12.88$$

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	81.11	0.0005	P	33.9
2	☐	20.000	21.760	1308.96	0.0078	P	2.0
3	☐	1000.000	991.243	57989.25	0.3362	P	1.0
4	☐	2500.000	2493.481	145283.61	0.8449	P	0.8
5	☐	5000.000	5327.954	295166.21	1.8049	P	7.6
6	☐	10000.000	9908.373	569787.96	3.3561	P	1.7
7	☐	20000.000	18307.738	1103158.31	6.2006	P	5.3
8	☐	100000.00	100331.46	5418256.24	33.9791	A	1.5

$$y = 3.3866E-004 * x + 4.7435E-004$$

$$R = 0.9998$$

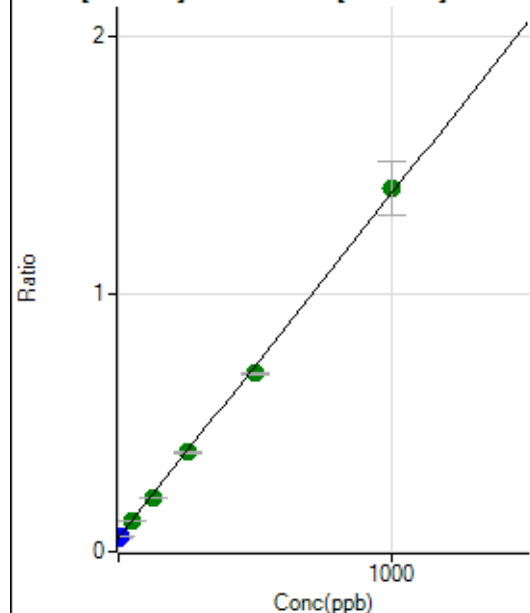
$$DL = 1.424$$

$$BEC = 1.401$$

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	513786.55	0.0542	P	1.4
2	☐	10.000	6.305	583924.95	0.0626	P	1.9
3	☐	50.000	48.589	1113760.49	0.1190	A	1.9
4	☐	125.000	115.826	1989021.67	0.2087	A	0.5
5	☐	250.000	247.461	3565654.15	0.3842	A	2.0
6	☐	500.000	476.595	6357393.79	0.6898	A	1.7
7	☐	1000.000	1013.592	11823780.38	1.4059	A	15.0
8	☐			666687.71	0.0785	P	1.8

$$y = 0.0013 * x + 0.0542$$

$$R = 0.9996$$

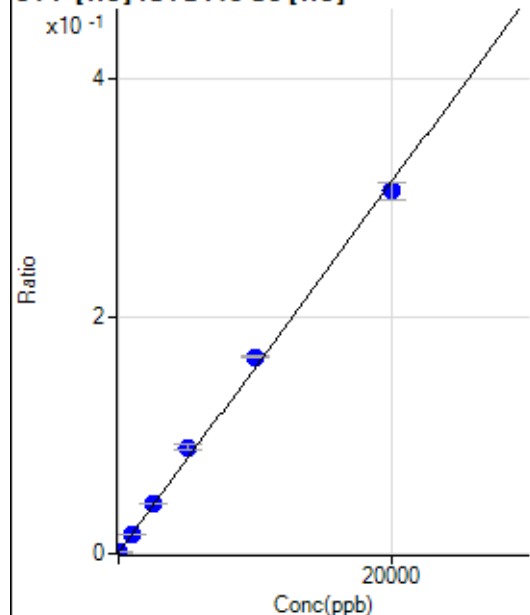
$$DL = 1.67$$

$$BEC = 40.67$$

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	-26.096	68.89	0.0004	P	35.5
2	☐	0.000	26.096	203.34	0.0012	P	11.0
3	☐	1000.000	1003.878	2846.98	0.0165	P	2.8
4	☐	2500.000	2618.901	7177.40	0.0417	P	1.2
5	☐	5000.000	5702.013	14717.54	0.0899	P	6.2
6	☐	10000.000	10565.025	28175.17	0.1659	P	0.5
7	☐	20000.000	19526.928	54448.33	0.3060	P	4.9
8	☐			103.34	0.0006	P	14.5

$$y = 1.5629E-005 * x + 8.1080E-004$$

$$R = 0.9986$$

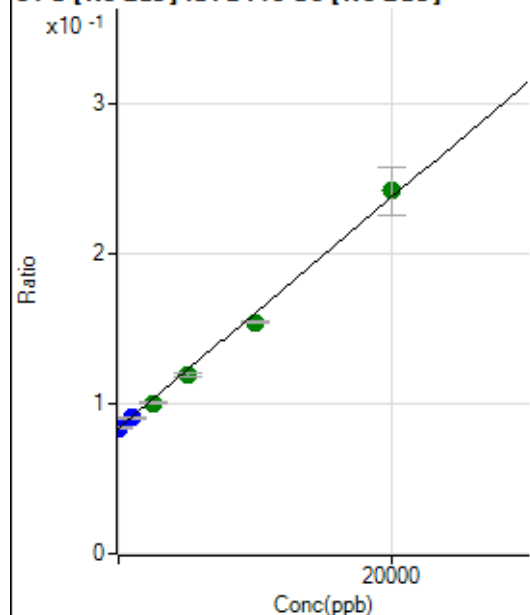
$$DL = 26.6$$

$$BEC = 51.88$$

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	-34.604	789033.72	0.0833	P	1.3
2	☐	0.000	34.604	781322.83	0.0838	P	1.9
3	☐	1000.000	942.166	849562.21	0.0908	P	1.4
4	☐	2500.000	2156.011	954203.86	0.1001	A	0.7
5	☐	5000.000	4601.899	1103502.58	0.1189	A	2.1
6	☐	10000.000	9194.068	1421218.95	0.1542	A	1.6
7	☐	20000.000	20548.381	2033713.53	0.2415	A	13.2
8	☐			725253.80	0.0853	P	0.5

$$y = 7.6846\text{E-}006 * x + 0.0835$$

$$R = 0.9985$$

$$DL = 531.5$$

$$BEC = 1.087\text{E}+04$$

Weight: <None>

Min Conc: 0

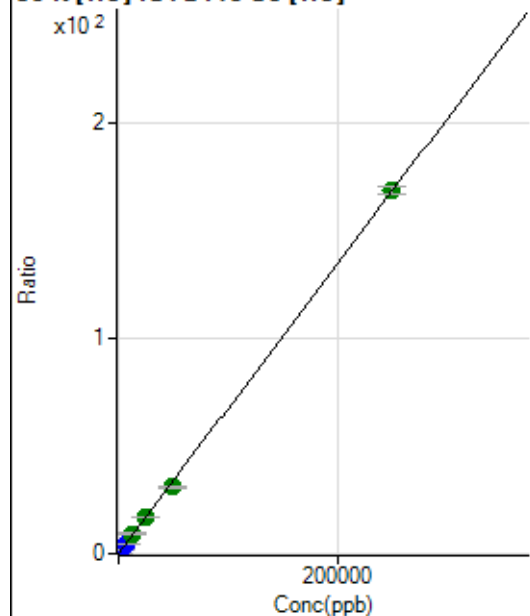
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			153321.99		P	0.3
2	☐			142870.12		P	0.3
3	☐			135818.92		P	0.5
4	☐			138093.44		P	1.1
5	☐			141065.03		P	0.6
6	☐			149636.17		P	0.5
7	☐			170263.62		P	1.9
8	☐			127679.25		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			451.12		P	5.6
2	☐			520.01		P	8.4
3	☐			500.01		P	11.6
4	☐			462.24		P	6.7
5	☐			470.01		P	17.1
6	☐			514.46		P	1.0
7	☐			633.35		P	5.7
8	☐			463.35		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9375.35	0.0550	P	3.2
2	☐	500.000	528.975	68514.86	0.4106	P	1.1
3	☐	2500.000	2436.600	292033.09	1.6929	P	0.7
4	☐	6250.000	6138.820	719036.40	4.1817	P	0.7
5	☐	12500.000	13618.800	1506872.04	9.2100	A	6.7
6	☐	25000.000	24965.009	2858948.67	16.8374	A	0.8
7	☐	50000.000	45865.703	5495554.15	30.8877	A	5.1
8	☐	250000.00	250777.77	26888799.88	168.6375	A	2.2

$$y = 6.7224\text{E-}004 * x + 0.0550$$

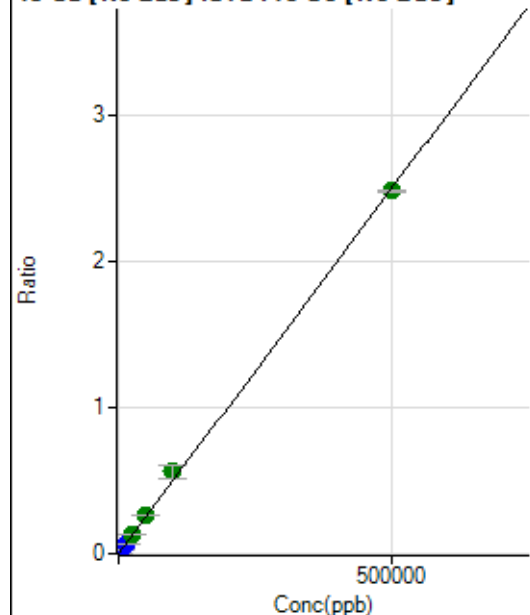
$$R = 0.9998$$

$$DL = 7.903$$

$$BEC = 81.76$$

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	502.24	0.0001	P	9.0
2	☐	500.000	566.044	26825.09	0.0029	P	3.3
3	☐	5000.000	5166.687	241782.08	0.0258	P	0.7
4	☐	12500.000	12661.848	602737.46	0.0632	P	1.1
5	☐	25000.000	26638.433	1234123.24	0.1330	A	2.0
6	☐	50000.000	52451.615	2413012.53	0.2618	A	1.7
7	☐	100000.00	112819.96	4730705.03	0.5631	A	16.1
8	☐	500000.00	497103.14	21082721.63	2.4807	A	0.9

$$y = 4.9903\text{E-}006 * x + 5.2953\text{E-}005$$

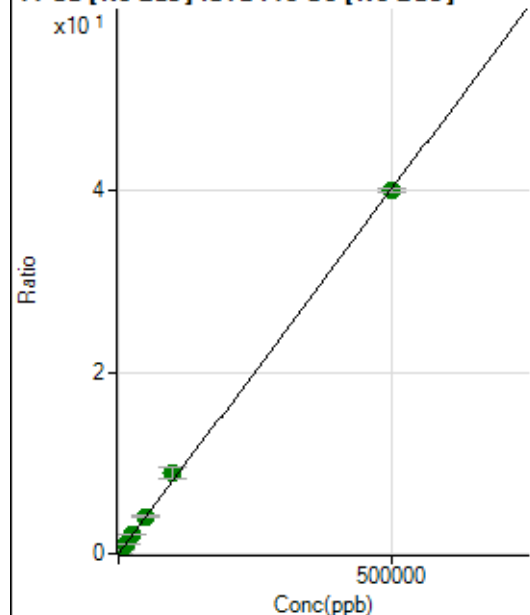
$$R = 0.9996$$

$$DL = 2.873$$

$$BEC = 10.61$$

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	20725.05	0.0022	P	2.5
2	☐	500.000	554.830	435755.28	0.0467	P	1.4
3	☐	5000.000	5217.146	3940861.26	0.4211	A	1.9
4	☐	12500.000	12564.643	9637649.09	1.0111	A	0.6
5	☐	25000.000	26342.653	19649577.90	2.1175	A	2.6
6	☐	50000.000	51359.385	38035017.49	4.1264	A	1.2
7	☐	100000.00	110315.92	74518331.67	8.8607	A	15.0
8	☐	500000.00	497729.90	339690132.7	39.9707	A	1.0

$$y = 8.0302\text{E-}005 * x + 0.0022$$

$$R = 0.9998$$

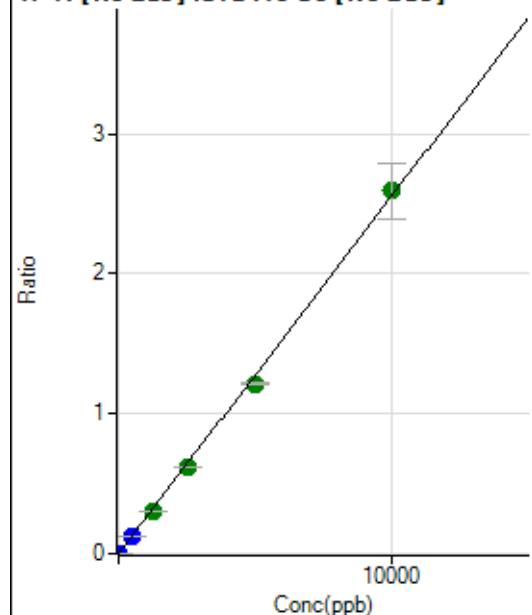
$$DL = 2.065$$

$$BEC = 27.24$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	308.90	0.0000	P	10.4
2	☐	5.000	5.191	12661.24	0.0014	P	2.2
3	☐	500.000	469.232	1121575.47	0.1199	P	0.9
4	☐	1250.000	1165.121	2836024.64	0.2975	A	0.6
5	☐	2500.000	2422.521	5741062.76	0.6186	A	1.8
6	☐	5000.000	4757.691	11199184.56	1.2149	A	1.0
7	☐	10000.000	10152.672	21797439.40	2.5925	A	15.3
8	☐			4817.52	0.0006	P	7.6

$$y = 2.5535\text{E-}004 * x + 3.2589\text{E-}005$$

$$R = 0.9995$$

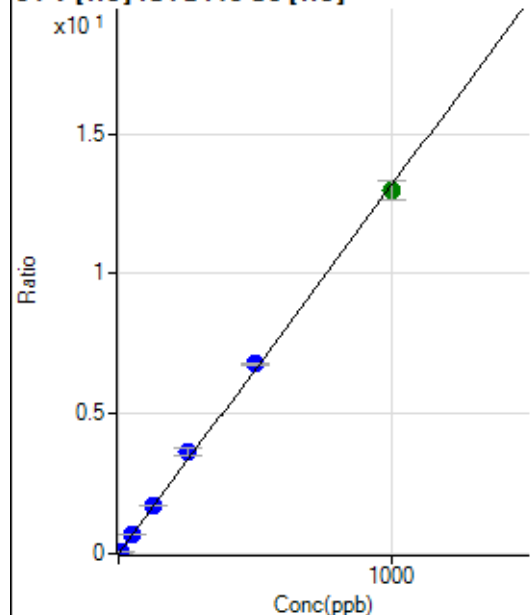
$$DL = 0.03987$$

$$BEC = 0.1276$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.44	0.0001	P	14.0
2	☐	5.000	5.754	12649.04	0.0758	P	1.3
3	☐	50.000	51.183	116191.37	0.6735	P	0.7
4	☐	125.000	129.474	292942.76	1.7036	P	0.5
5	☐	250.000	276.013	594134.70	3.6317	P	6.9
6	☐	500.000	515.775	1152272.11	6.7864	P	0.8
7	☐	1000.000	984.987	2305770.07	12.9601	A	5.2
8	☐			578.91	0.0036	P	6.5

$$y = 0.0132 * x + 8.4703\text{E-}005$$

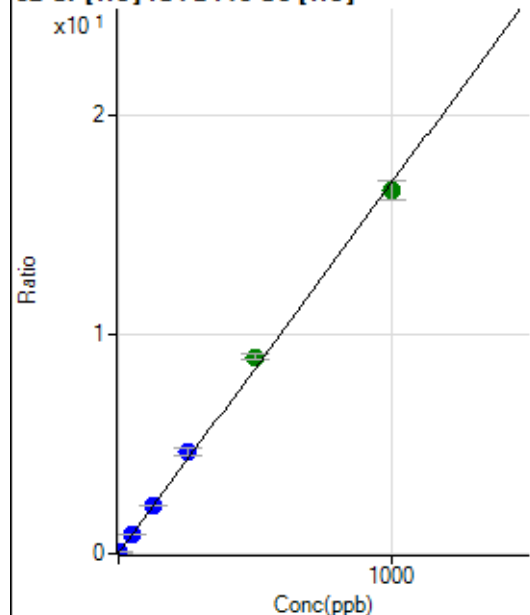
$$R = 0.9994$$

$$DL = 0.002703$$

$$BEC = 0.006438$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2154.63	0.0126	P	2.6
2	☐	2.000	2.355	8752.73	0.0524	P	1.6
3	☐	50.000	50.937	150747.16	0.8739	P	0.8
4	☐	125.000	128.894	376912.70	2.1920	P	1.0
5	☐	250.000	273.427	758479.36	4.6359	P	6.6
6	☐	500.000	529.834	1523032.18	8.9714	A	2.8
7	☐	1000.000	978.692	2946298.15	16.5609	A	5.4
8	☐			9661.13	0.0606	P	0.7

$$y = 0.0169 * x + 0.0126$$

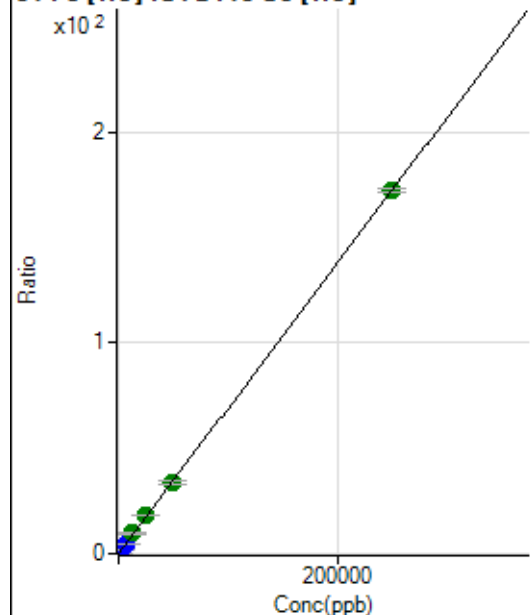
$$R = 0.9990$$

$$DL = 0.05882$$

$$BEC = 0.7468$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	702.25	0.0041	P	3.0
2	☐	50.000	60.479	7626.55	0.0457	P	0.5
3	☐	2500.000	2620.404	311507.61	1.8058	P	0.4
4	☐	6250.000	6516.190	771070.92	4.4844	P	0.9
5	☐	12500.000	14150.566	1593357.88	9.7334	A	5.4
6	☐	25000.000	26194.725	3058617.66	18.0145	A	1.5
7	☐	50000.000	48469.080	5929510.54	33.3294	A	5.3
8	☐	250000.00	250096.32	27421401.26	171.9598	A	1.1

$$y = 6.8756E-004 * x + 0.0041$$

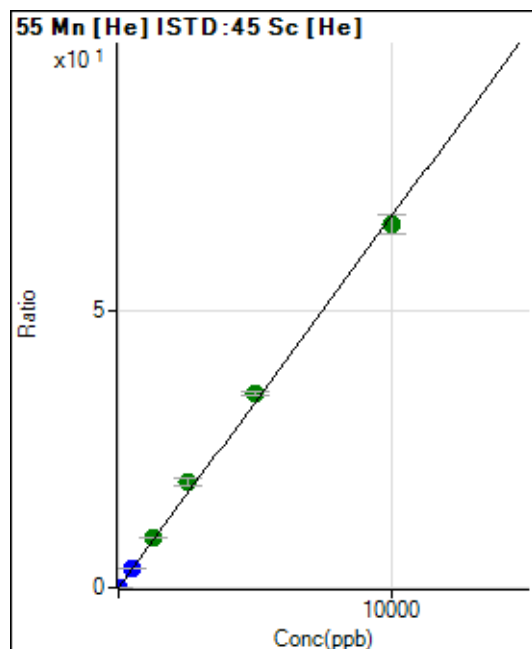
$$R = 0.9999$$

$$DL = 0.5474$$

$$BEC = 5.987$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	320.01	0.0019	P	17.8
2	☐	1.000	1.184	1634.55	0.0098	P	2.7
3	☐	500.000	523.342	603867.32	3.5008	P	1.7
4	☐	1250.000	1353.568	1556384.91	9.0515	A	1.8
5	☐	2500.000	2850.206	3116515.86	19.0577	A	7.8
6	☐	5000.000	5248.163	5957527.69	35.0899	A	1.6
7	☐	10000.000	9774.254	11625996.08	65.3503	A	5.4
8	☐			5423.30	0.0340	P	2.2

$$y = 0.0067 * x + 0.0019$$

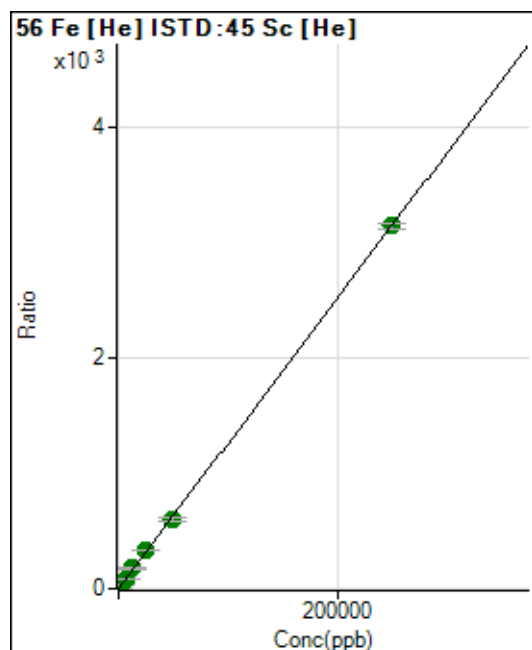
$$R = 0.9988$$

$$DL = 0.1503$$

$$BEC = 0.2808$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10640.71	0.0624	P	2.7
2	☐	50.000	58.227	132455.74	0.7937	P	1.0
3	☐	2500.000	2622.656	5693112.35	33.0029	A	0.9
4	☐	6250.000	6570.693	14201901.59	82.5902	A	1.1
5	☐	12500.000	13976.677	28729256.24	175.6093	A	6.8
6	☐	25000.000	26070.660	55610396.39	327.5096	A	1.1
7	☐	50000.000	48234.359	107785165.0	605.8854	A	5.5
8	☐	250000.00	250162.98	501034903.6	3142.106	A	1.5

$$y = 0.0126 * x + 0.0624$$

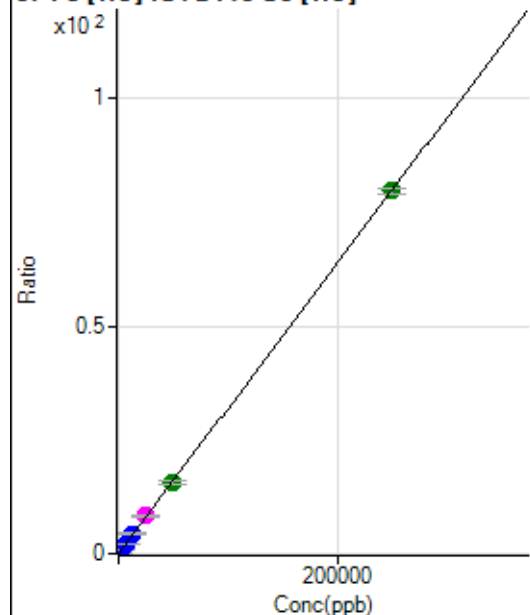
$$R = 0.9999$$

$$DL = 0.4077$$

$$BEC = 4.966$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	296.67	0.0017	P	6.5
2	☐	50.000	55.222	3227.07	0.0193	P	2.4
3	☐	2500.000	2578.393	142046.08	0.8235	P	0.8
4	☐	6250.000	6462.325	354434.36	2.0612	P	0.9
5	☐	12500.000	13701.567	714502.55	4.3683	P	7.3
6	☐	25000.000	25919.432	1402991.79	8.2621	M	1.2
7	☐	50000.000	48790.680	2766476.45	15.5509	A	5.6
8	☐	250000.00	250083.74	12708563.14	79.7014	A	1.9

$$y = 3.1869\text{E-}004 * x + 0.0017$$

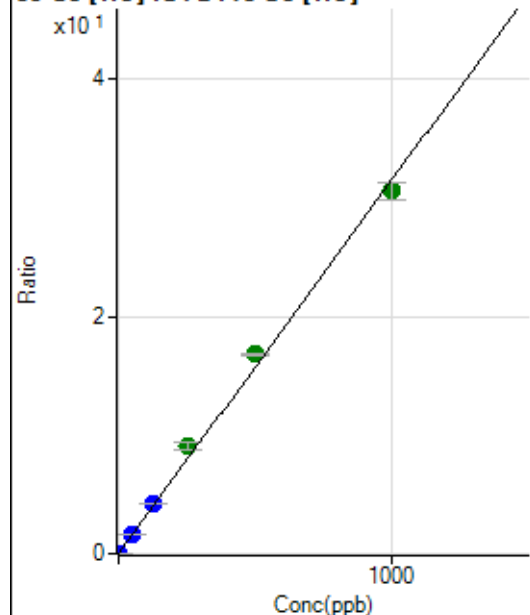
$$R = 1.0000$$

$$DL = 1.071$$

$$BEC = 5.454$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	541.13	0.0032	P	7.7
2	☐	1.000	1.229	6987.35	0.0419	P	3.2
3	☐	50.000	53.382	290483.52	1.6839	P	0.9
4	☐	125.000	131.721	713684.34	4.1505	P	0.4
5	☐	250.000	288.453	1486470.20	9.0853	A	6.6
6	☐	500.000	534.528	2858166.94	16.8331	A	0.9
7	☐	1000.000	972.113	5446352.28	30.6107	A	5.1
8	☐			11522.54	0.0723	P	1.0

$$y = 0.0315 * x + 0.0032$$

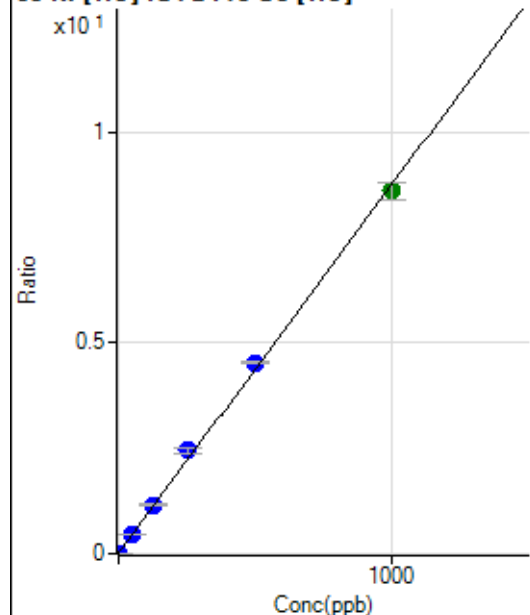
$$R = 0.9982$$

$$DL = 0.02317$$

$$BEC = 0.1007$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1762.35	0.0103	P	6.4
2	☐	1.000	1.131	3372.65	0.0202	P	1.5
3	☐	50.000	52.744	81329.48	0.4715	P	1.4
4	☐	125.000	131.757	199860.99	1.1623	P	0.9
5	☐	250.000	278.471	399976.93	2.4451	P	7.1
6	☐	500.000	516.175	768045.97	4.5235	P	0.8
7	☐	1000.000	983.812	1532496.18	8.6123	A	4.7
8	☐			6079.13	0.0381	P	2.4

$$y = 0.0087 * x + 0.0103$$

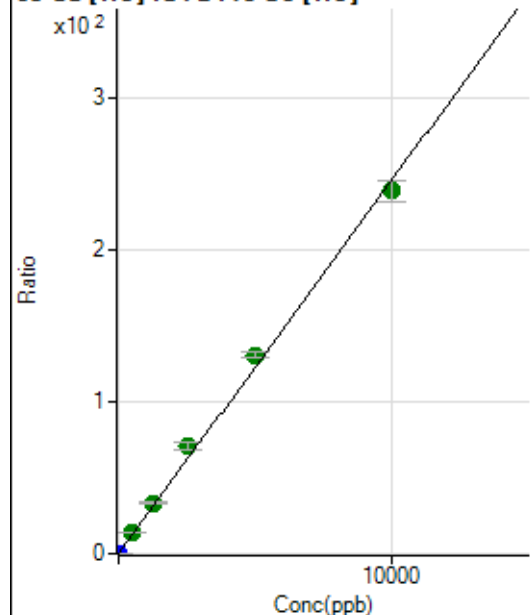
$$R = 0.9993$$

$$DL = 0.2283$$

$$BEC = 1.181$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2135.74	0.0125	P	3.2
2	☐	2.000	2.327	11627.07	0.0697	P	1.6
3	☐	500.000	550.980	2336595.78	13.5453	A	0.5
4	☐	1250.000	1361.423	5751679.15	33.4508	A	1.1
5	☐	2500.000	2879.213	11571406.77	70.7296	A	6.8
6	☐	5000.000	5329.021	22222527.72	130.9000	A	2.3
7	☐	10000.000	9724.209	42484296.59	238.8514	A	6.0
8	☐			9821.25	0.0616	P	2.9

$$y = 0.0246 * x + 0.0125$$

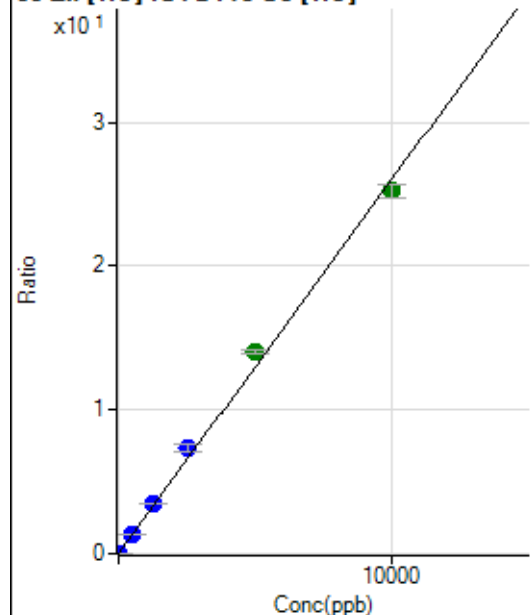
$$R = 0.9983$$

$$DL = 0.04942$$

$$BEC = 0.5096$$

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	165.56	0.0010	P	8.3
2	☐	2.000	5.990	2759.19	0.0165	P	0.3
3	☐	500.000	534.477	239686.82	1.3895	P	1.0
4	☐	1250.000	1333.483	595836.95	3.4652	P	0.9
5	☐	2500.000	2831.956	1203957.99	7.3582	P	6.5
6	☐	5000.000	5396.355	2380329.37	14.0203	A	1.7
7	☐	10000.000	9706.674	4488406.22	25.2181	A	4.0
8	☐			2426.90	0.0152	P	1.9

$$y = 0.0026 * x + 9.7074E-004$$

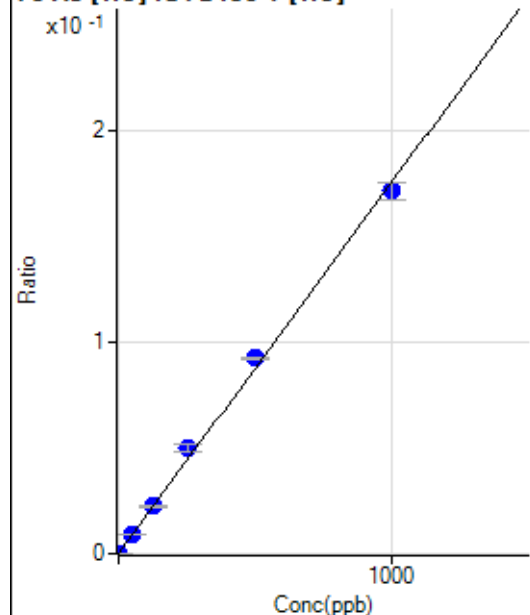
$$R = 0.9981$$

$$DL = 0.09354$$

$$BEC = 0.3737$$

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	16.67	0.0000	P	40.2
2	☐	1.000	1.178	317.78	0.0002	P	8.7
3	☐	50.000	51.815	13662.29	0.0091	P	2.2
4	☐	125.000	127.766	34317.31	0.0225	P	1.5
5	☐	250.000	286.040	71146.25	0.0503	P	7.5
6	☐	500.000	526.176	136946.12	0.0925	P	1.2
7	☐	1000.000	977.465	265783.55	0.1718	P	4.7
8	☐			140.00	0.0001	P	29.5

$$y = 1.7571E-004 * x + 1.1280E-005$$

$$R = 0.9987$$

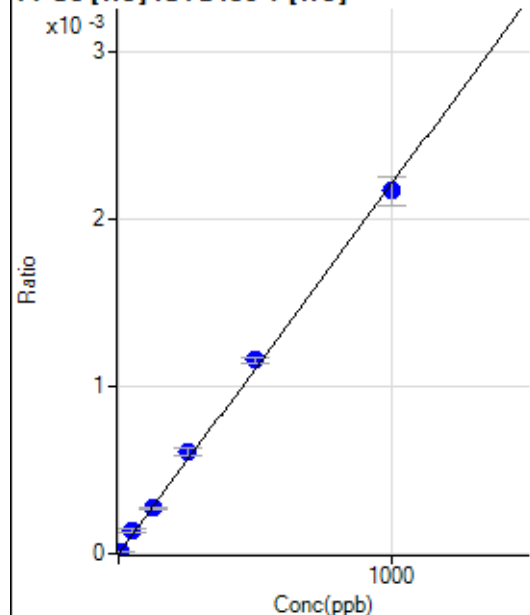
$$DL = 0.07733$$

$$BEC = 0.0642$$

Weight: <None>

Min Conc: 0

77 Se [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	☐	5.000	4.846	15.56	0.0000	P	13.8
3	☐	50.000	63.733	211.11	0.0001	P	18.9
4	☐	125.000	124.200	418.90	0.0003	P	5.2
5	☐	250.000	274.967	860.04	0.0006	P	6.3
6	☐	500.000	523.348	1711.23	0.0012	P	2.2
7	☐	1000.000	981.499	3349.32	0.0022	P	8.1
8	☐			2.22	0.0000	P	86.6

$$y = 2.2076\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9992$$

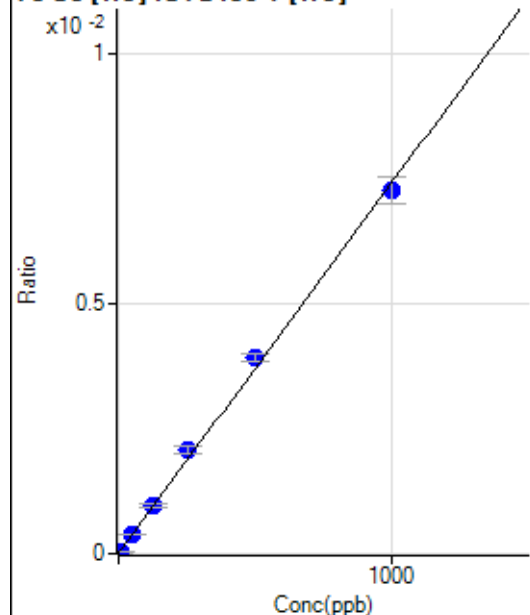
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.5
2	☐	5.000	5.362	65.55	0.0000	P	21.5
3	☐	50.000	51.057	575.58	0.0004	P	0.8
4	☐	125.000	128.989	1470.09	0.0010	P	6.0
5	☐	250.000	278.623	2932.56	0.0021	P	7.1
6	☐	500.000	526.610	5793.47	0.0039	P	4.0
7	☐	1000.000	978.986	11234.57	0.0073	P	7.4
8	☐			18.89	0.0000	P	27.8

$$y = 7.4165\text{E-}006 * x + 5.2963\text{E-}006$$

$$R = 0.9990$$

$$DL = 1.918$$

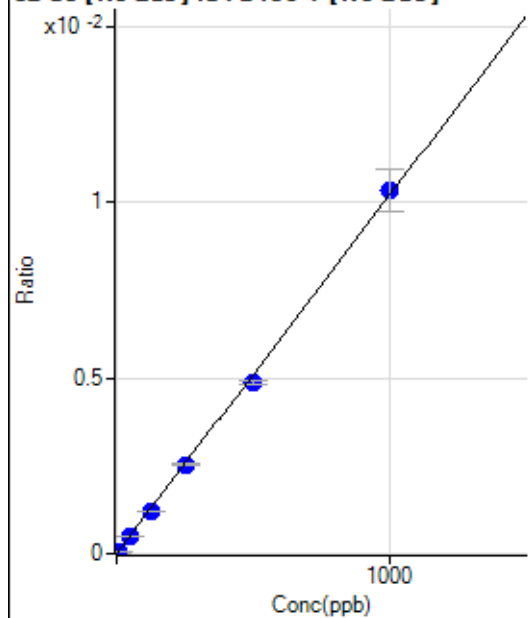
$$BEC = 0.7141$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3482.69		P	1.7
2	☐			3503.81		P	1.0
3	☐			3510.47		P	6.4
4	☐			3480.47		P	5.6
5	☐			3510.47		P	0.4
6	☐			3657.19		P	2.2
7	☐			3772.76		P	4.2
8	☐			3997.28		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-21.11	0.0000	P	-244.
2	☐	5.000	5.504	1282.32	0.0001	P	4.5
3	☐	50.000	48.143	11369.38	0.0005	P	0.9
4	☐	125.000	118.653	28460.53	0.0012	P	2.2
5	☐	250.000	248.172	57768.31	0.0025	P	2.4
6	☐	500.000	478.465	110636.15	0.0049	P	1.9
7	☐	1000.000	1012.108	216248.04	0.0103	P	11.8
8	☐			-5.55	0.0000	P	-941.

$$y = 1.0211\text{E-}005 * x - 9.2147\text{E-}007$$

$$R = 0.9996$$

$$DL = 0.661$$

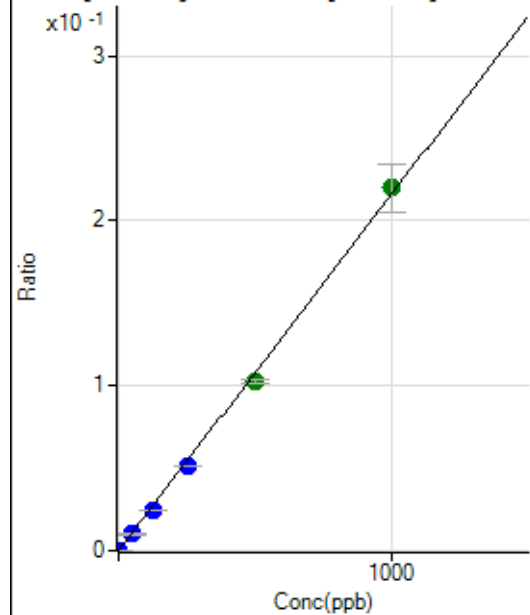
$$BEC = -0.09024$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			284.45		P	10.6
2	☐			270.00		P	5.7
3	☐			305.56		P	2.7
4	☐			261.12		P	10.7
5	☐			280.01		P	8.6
6	☐			278.90		P	13.4
7	☐			277.78		P	9.8
8	☐			363.34		P	11.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	706.69	0.0000	P	6.5
2	☐	1.000	1.001	5724.56	0.0002	P	4.5
3	☐	50.000	45.788	229882.38	0.0099	P	1.2
4	☐	125.000	113.039	574856.99	0.0245	P	1.2
5	☐	250.000	236.700	1166951.02	0.0512	P	1.0
6	☐	500.000	474.038	2320334.89	0.1024	A	2.1
7	☐	1000.000	1018.012	4597534.06	0.2200	A	13.5
8	☐			13766.84	0.0007	P	1.5

$$y = 2.1605E-004 * x + 3.0642E-005$$

$$R = 0.9994$$

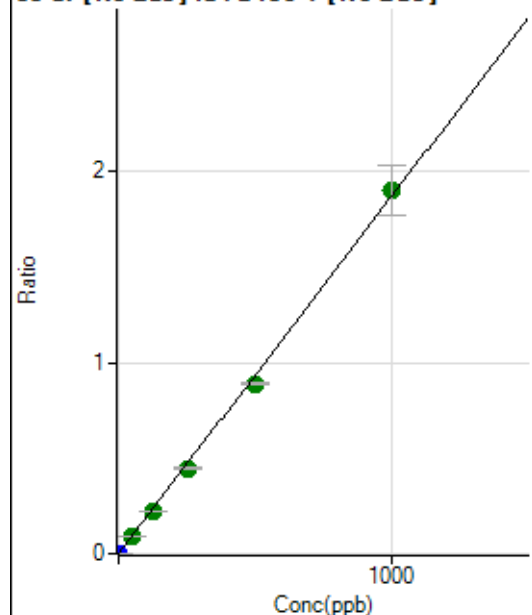
$$DL = 0.02771$$

$$BEC = 0.1418$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2369.12	0.0001	P	4.8
2	☐	1.000	0.994	45480.45	0.0020	P	1.6
3	☐	50.000	47.589	2064294.09	0.0891	A	0.4
4	☐	125.000	116.086	5106016.52	0.2172	A	0.5
5	☐	250.000	239.185	10202893.81	0.4474	A	1.0
6	☐	500.000	476.261	20175464.84	0.8907	A	0.7
7	☐	1000.000	1015.808	39694754.96	1.8997	A	13.9
8	☐			116285.77	0.0055	P	1.2

$$y = 0.0019 * x + 1.0273E-004$$

$$R = 0.9995$$

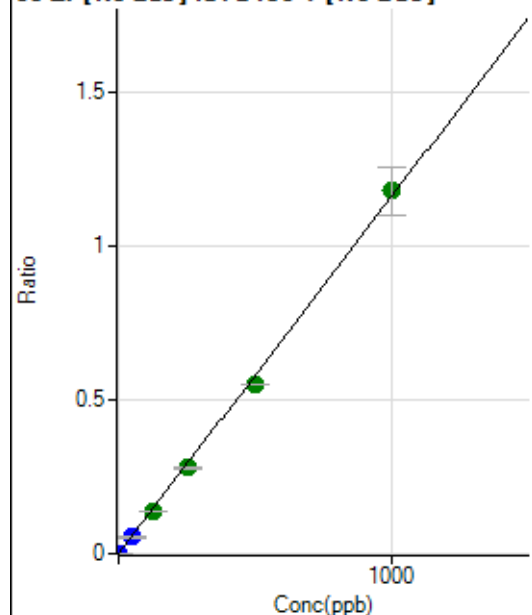
$$DL = 0.00795$$

$$BEC = 0.05494$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	750.03	0.0000	P	3.8
2	☐	1.000	0.969	26832.54	0.0012	P	2.5
3	☐	50.000	45.856	1234226.39	0.0533	P	0.8
4	☐	125.000	116.769	3188118.84	0.1356	A	0.8
5	☐	250.000	240.587	6371408.03	0.2794	A	0.8
6	☐	500.000	475.198	12498538.15	0.5518	A	0.4
7	☐	1000.000	1015.990	24656225.47	1.1797	A	13.4
8	☐			39422.28	0.0019	P	2.1

$$y = 0.0012 * x + 3.2530E-005$$

$$R = 0.9995$$

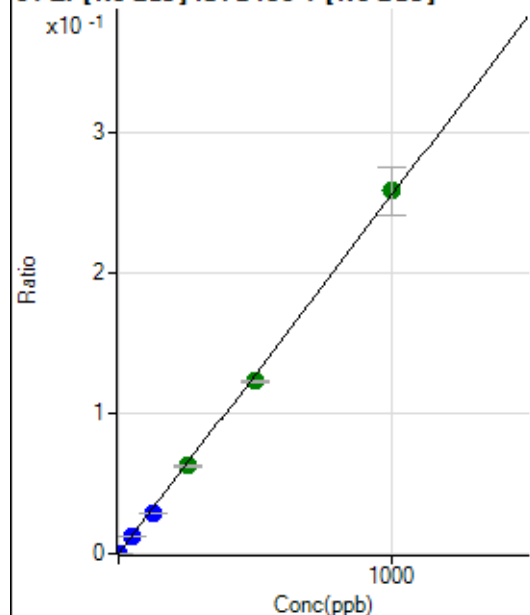
$$DL = 0.00316$$

$$BEC = 0.02802$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	165.56	0.0000	P	7.6
2	☐	1.000	0.953	5810.16	0.0003	P	1.8
3	☐	50.000	45.793	271179.04	0.0117	P	0.6
4	☐	125.000	113.854	683887.09	0.0291	P	1.7
5	☐	250.000	244.443	1424274.32	0.0624	A	0.4
6	☐	500.000	481.297	2785039.54	0.1230	A	0.7
7	☐	1000.000	1012.344	5405172.28	0.2586	A	13.4
8	☐			9058.56	0.0004	P	2.2

$$y = 2.5545\text{E-}004 * x + 7.1818\text{E-}006$$

$$R = 0.9997$$

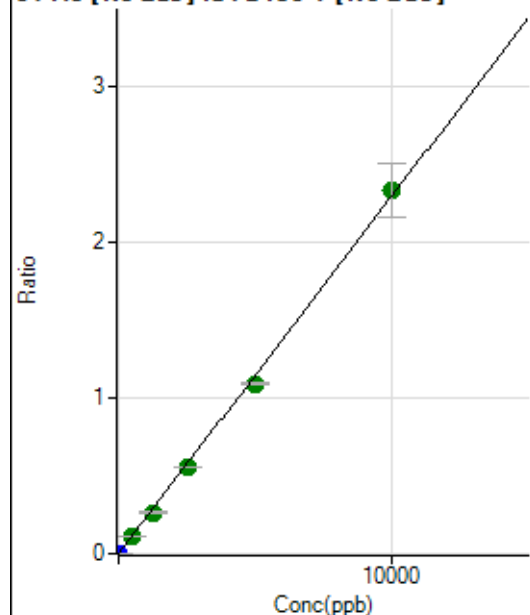
$$DL = 0.006381$$

$$BEC = 0.02811$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	501.13	0.0000	P	5.1
2	☐	5.000	5.867	31640.40	0.0014	P	2.5
3	☐	500.000	473.315	2509962.29	0.1083	A	1.5
4	☐	1250.000	1149.098	6182797.55	0.2630	A	2.3
5	☐	2500.000	2426.915	12667428.42	0.5555	A	1.5
6	☐	5000.000	4746.947	24609032.97	1.0864	A	1.0
7	☐	10000.000	10158.745	48545223.16	2.3250	A	14.8
8	☐			34796.88	0.0016	P	1.9

$$y = 2.2887\text{E-}004 * x + 2.1737\text{E-}005$$

$$R = 0.9995$$

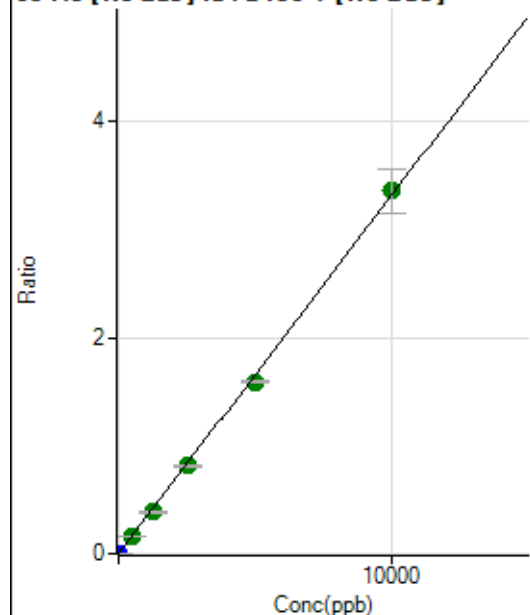
$$DL = 0.01455$$

$$BEC = 0.09498$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	487.79	0.0000	P	8.1
2	☐	5.000	4.977	38719.42	0.0017	P	0.8
3	☐	500.000	476.826	3659632.65	0.1580	A	0.3
4	☐	1250.000	1159.377	9028010.01	0.3840	A	1.0
5	☐	2500.000	2455.229	18545895.84	0.8132	A	1.2
6	☐	5000.000	4793.503	35964888.91	1.5877	A	1.1
7	☐	10000.000	10126.928	70172380.07	3.3542	A	12.1
8	☐			35595.51	0.0017	P	1.3

$$y = 3.3121\text{E-}004 * x + 2.1161\text{E-}005$$

$$R = 0.9997$$

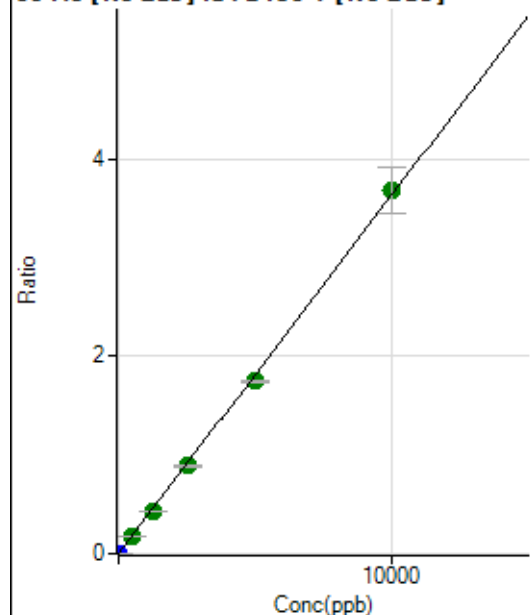
$$DL = 0.01557$$

$$BEC = 0.06389$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	658.91	0.0000	P	4.6
2	☐	5.000	5.025	42994.19	0.0019	P	2.4
3	☐	500.000	474.321	3992596.54	0.1723	A	0.9
4	☐	1250.000	1159.475	9903454.99	0.4212	A	0.4
5	☐	2500.000	2442.013	20231734.14	0.8872	A	1.7
6	☐	5000.000	4810.535	39584709.96	1.7476	A	0.6
7	☐	10000.000	10121.829	76898929.97	3.6770	A	12.6
8	☐			40858.75	0.0019	P	1.3

$$y = 3.6328\text{E-}004 * x + 2.8577\text{E-}005$$

$$R = 0.9997$$

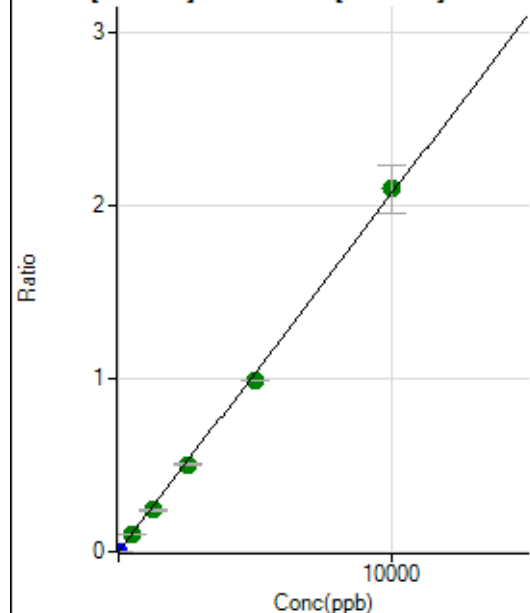
$$DL = 0.01077$$

$$BEC = 0.07867$$

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	384.46	0.0000	P	9.2
2	☐	5.000	4.941	24054.27	0.0010	P	1.2
3	☐	500.000	470.860	2253717.26	0.0973	A	0.7
4	☐	1250.000	1159.473	5630831.51	0.2395	A	0.9
5	☐	2500.000	2438.833	11488930.66	0.5038	A	0.9
6	☐	5000.000	4782.404	22376743.55	0.9879	A	0.2
7	☐	10000.000	10136.863	43767007.68	2.0939	A	13.3
8	☐			21722.64	0.0010	P	1.3

$$y = 2.0656E-004 * x + 1.6670E-005$$

$$R = 0.9996$$

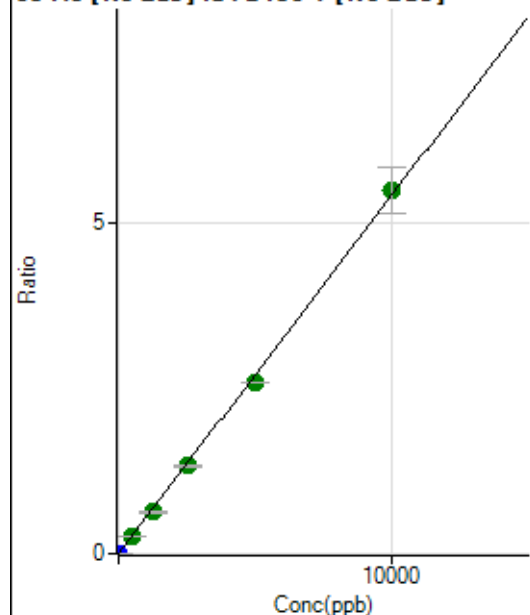
$$DL = 0.02229$$

$$BEC = 0.0807$$

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	863.37	0.0000	P	3.7
2	☐	5.000	4.963	63060.20	0.0027	P	1.8
3	☐	500.000	469.980	5885463.66	0.2540	A	0.8
4	☐	1250.000	1162.424	14770104.22	0.6283	A	1.9
5	☐	2500.000	2450.725	30207717.33	1.3246	A	0.9
6	☐	5000.000	4786.957	58604015.24	2.5872	A	0.6
7	☐	10000.000	10131.288	114503108.2	5.4756	A	12.7
8	☐			55995.81	0.0027	P	1.3

$$y = 5.4046E-004 * x + 3.7441E-005$$

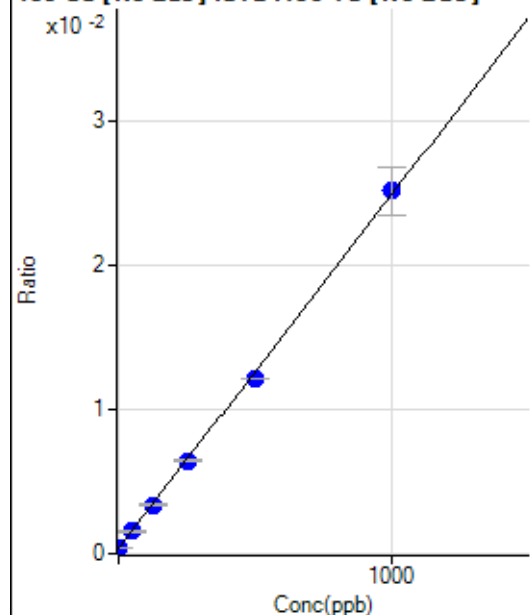
$$R = 0.9996$$

$$DL = 0.007765$$

$$BEC = 0.06927$$

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	6577.18	0.0004	P	1.8
2	☐	1.000	1.031	6926.25	0.0004	P	1.6
3	☐	50.000	47.631	27007.59	0.0016	P	2.3
4	☐	125.000	121.352	57841.71	0.0034	P	3.3
5	☐	250.000	247.776	111146.46	0.0065	P	2.3
6	☐	500.000	480.016	207488.85	0.0122	P	0.6
7	☐	1000.000	1011.123	395713.00	0.0252	P	13.1
8	☐			6154.76	0.0004	P	0.8

$$y = 2.4519\text{E-}005 * x + 3.8276\text{E-}004$$

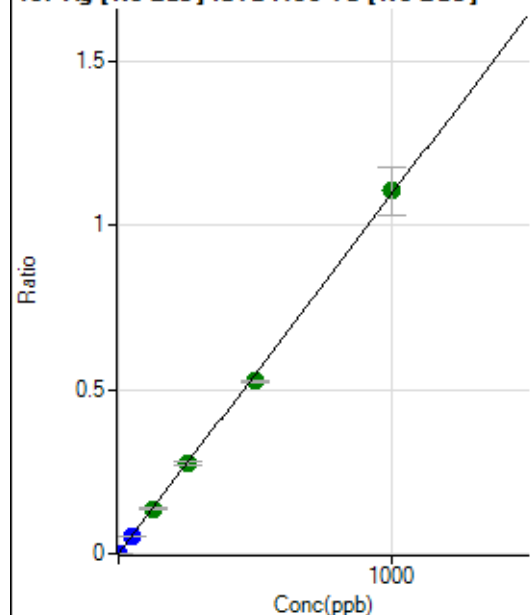
$$R = 0.9997$$

$$DL = 0.865$$

$$BEC = 15.61$$

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	166.67	0.0000	P	12.4
2	☐	1.000	0.996	18631.58	0.0011	P	5.2
3	☐	50.000	47.766	909967.18	0.0522	P	1.7
4	☐	125.000	125.232	2359073.61	0.1370	A	2.6
5	☐	250.000	250.482	4713563.16	0.2739	A	3.3
6	☐	500.000	480.641	8973924.24	0.5256	A	0.8
7	☐	1000.000	1009.642	17350451.68	1.1040	A	13.4
8	☐			2984.80	0.0002	P	5.8

$$y = 0.0011 * x + 9.6972\text{E-}006$$

$$R = 0.9997$$

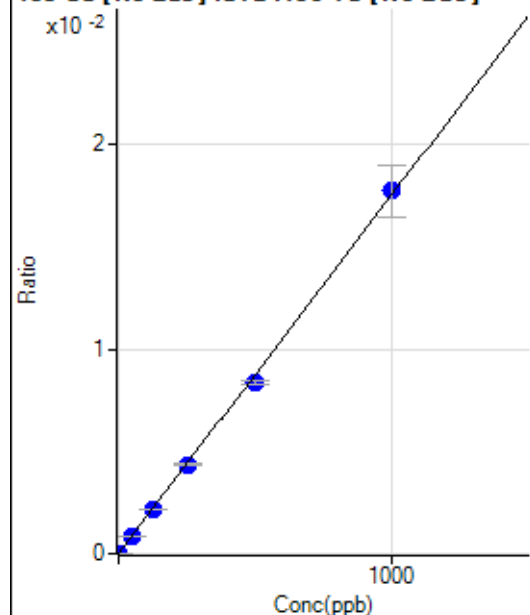
$$DL = 0.003293$$

$$BEC = 0.008868$$

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	53.33	0.0000	P	1.3
2	☐	1.000	1.022	356.68	0.0000	P	2.4
3	☐	50.000	48.663	14907.05	0.0009	P	2.1
4	☐	125.000	122.605	37061.93	0.0022	P	3.0
5	☐	250.000	247.644	74746.76	0.0043	P	2.0
6	☐	500.000	477.966	143054.60	0.0084	P	1.7
7	☐	1000.000	1011.972	278565.51	0.0177	P	14.2
8	☐			238.89	0.0000	P	13.1

$$y = 1.7524\text{E-}005 * x + 3.1034\text{E-}006$$

$$R = 0.9996$$

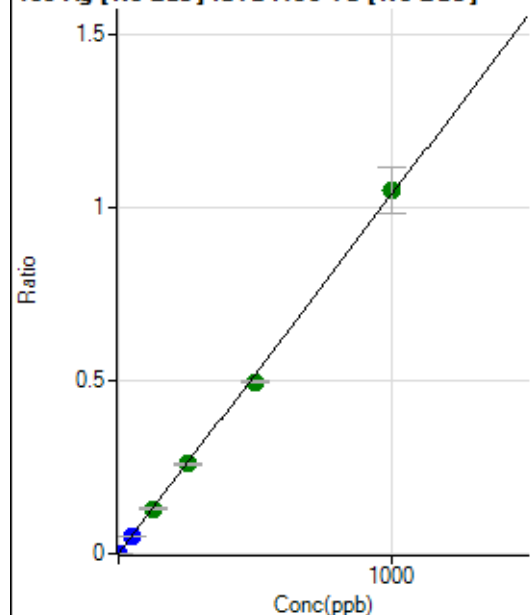
$$DL = 0.006766$$

$$BEC = 0.1771$$

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	55.56	0.0000	P	13.2
2	☐	1.000	1.018	17985.13	0.0011	P	1.3
3	☐	50.000	48.015	867554.66	0.0498	P	2.2
4	☐	125.000	125.109	2235121.37	0.1298	A	3.8
5	☐	250.000	250.925	4479849.79	0.2603	A	2.1
6	☐	500.000	478.954	8482645.43	0.4968	A	1.5
7	☐	1000.000	1010.378	16482051.42	1.0481	A	12.6
8	☐			2774.76	0.0002	P	6.6

$$y = 0.0010 * x + 3.2309\text{E-}006$$

$$R = 0.9997$$

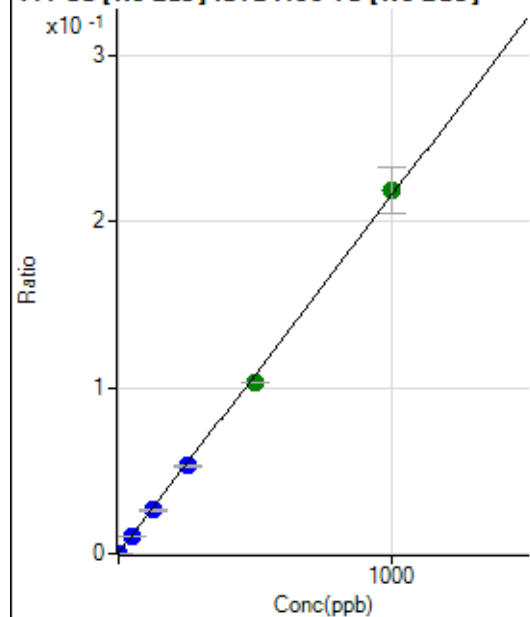
$$DL = 0.001238$$

$$BEC = 0.003115$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4637.81	0.0003	P	2.3
2	☐	1.000	1.080	8528.19	0.0005	P	1.5
3	☐	50.000	47.408	182524.49	0.0105	P	1.0
4	☐	125.000	119.897	449319.16	0.0261	P	3.6
5	☐	250.000	243.816	908234.54	0.0528	P	2.3
6	☐	500.000	477.686	1760824.89	0.1031	A	0.4
7	☐	1000.000	1013.470	3436130.79	0.2185	A	12.6
8	☐			4817.80	0.0003	P	1.8

$$y = 2.1534\text{E-}004 * x + 2.6990\text{E-}004$$

$$R = 0.9996$$

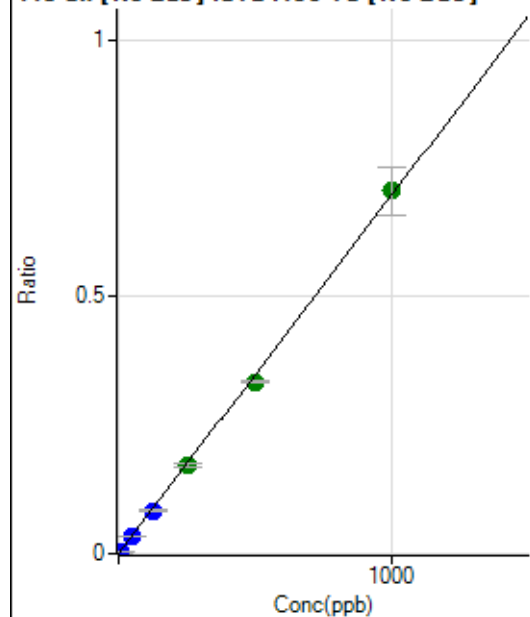
$$DL = 0.08518$$

$$BEC = 1.253$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1580.11	0.0001	P	4.7
2	☐	5.000	5.135	62367.89	0.0037	P	2.4
3	☐	50.000	47.068	573632.99	0.0329	P	1.5
4	☐	125.000	118.842	1429754.15	0.0830	P	3.3
5	☐	250.000	246.433	2960657.42	0.1720	A	2.6
6	☐	500.000	478.852	5706184.22	0.3342	A	1.2
7	☐	1000.000	1012.381	11104881.64	0.7064	A	13.1
8	☐			3367.11	0.0002	P	3.4

$$y = 6.9771\text{E-}004 * x + 9.1964\text{E-}005$$

$$R = 0.9997$$

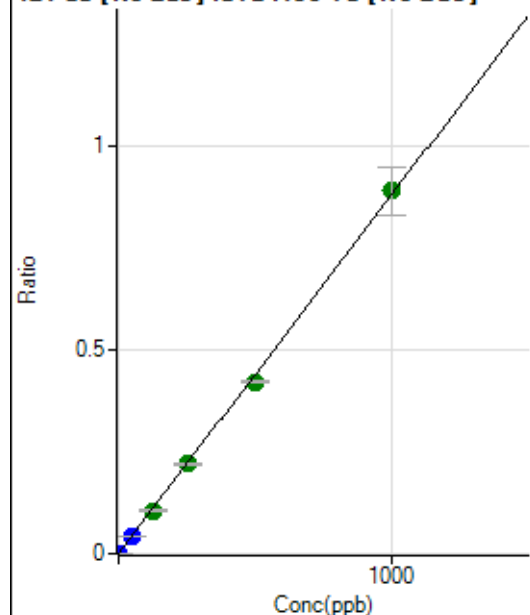
$$DL = 0.01848$$

$$BEC = 0.1318$$

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	66.67	0.0000	P	40.6
2	☐	2.000	2.081	31174.42	0.0018	P	4.0
3	☐	50.000	46.631	715865.76	0.0411	P	1.7
4	☐	125.000	119.591	1815450.67	0.1054	A	2.6
5	☐	250.000	249.544	3784910.22	0.2199	A	2.3
6	☐	500.000	479.171	7209818.29	0.4223	A	0.6
7	☐	1000.000	1011.373	14008858.68	0.8913	A	13.2
8	☐			10514.13	0.0007	P	2.0

$$y = 8.8123\text{E-}004 * x + 3.8927\text{E-}006$$

$$R = 0.9997$$

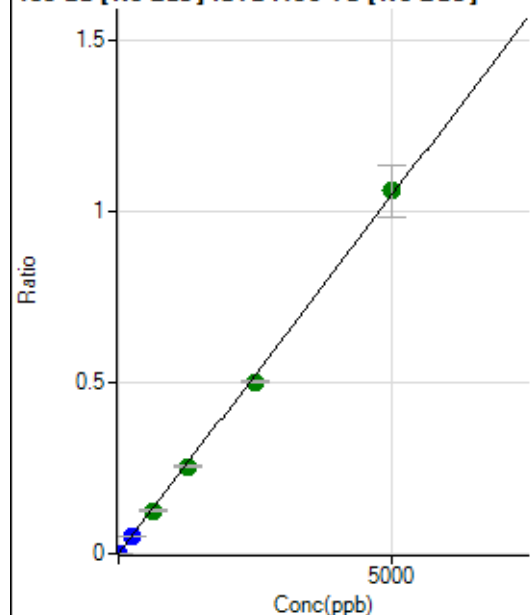
$$DL = 0.005374$$

$$BEC = 0.004417$$

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	497.79	0.0000	P	4.3
2	☐	10.000	10.048	36171.58	0.0021	P	2.8
3	☐	250.000	231.406	844024.97	0.0485	P	1.0
4	☐	625.000	599.719	2161937.75	0.1255	A	3.5
5	☐	1250.000	1216.619	4382442.16	0.2546	A	1.8
6	☐	2500.000	2392.048	8546881.33	0.5006	A	1.0
7	☐	5000.000	5066.411	16648381.42	1.0602	A	14.4
8	☐			6340.42	0.0004	P	2.9

$$y = 2.0925\text{E-}004 * x + 2.8976\text{E-}005$$

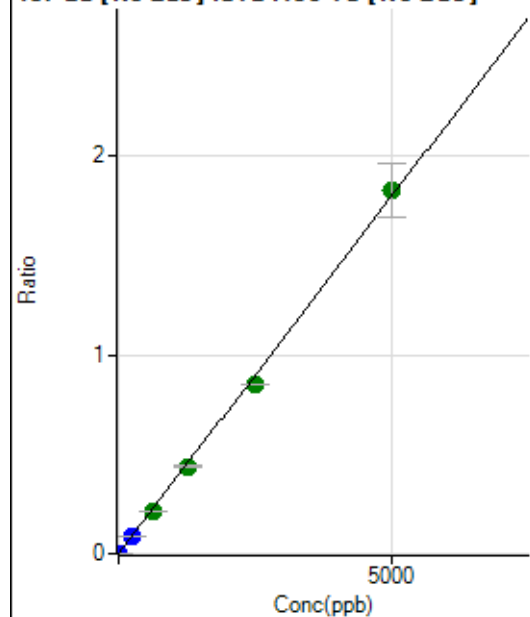
$$R = 0.9996$$

$$DL = 0.01803$$

$$BEC = 0.1385$$

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	764.48	0.0000	P	6.4
2	☐	10.000	10.175	62747.14	0.0037	P	1.8
3	☐	250.000	233.275	1459240.38	0.0838	P	1.6
4	☐	625.000	595.207	3681607.83	0.2137	A	1.9
5	☐	1250.000	1217.661	7522475.58	0.4371	A	2.7
6	☐	2500.000	2367.858	14511692.56	0.8500	A	0.5
7	☐	5000.000	5078.716	28612529.85	1.8230	A	14.9
8	☐			11334.85	0.0007	P	1.3

$$y = 3.5894E-004 * x + 4.4506E-005$$

$$R = 0.9995$$

$$DL = 0.02374$$

$$BEC = 0.124$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

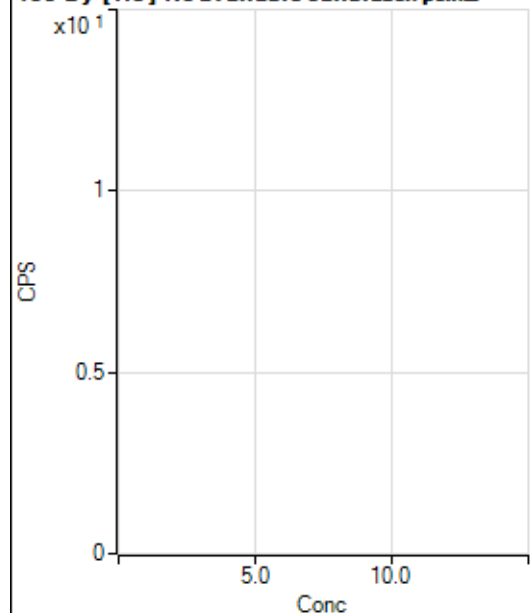
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.34		P	43.3
2	☐			21.11		P	59.8
3	☐			77.78		P	21.6
4	☐			140.00		P	8.6
5	☐			294.45		P	6.5
6	☐			618.91		P	2.8
7	☐			1097.84		P	5.3
8	☐			304.45		P	9.9

150 Nd [He] No available calibration points

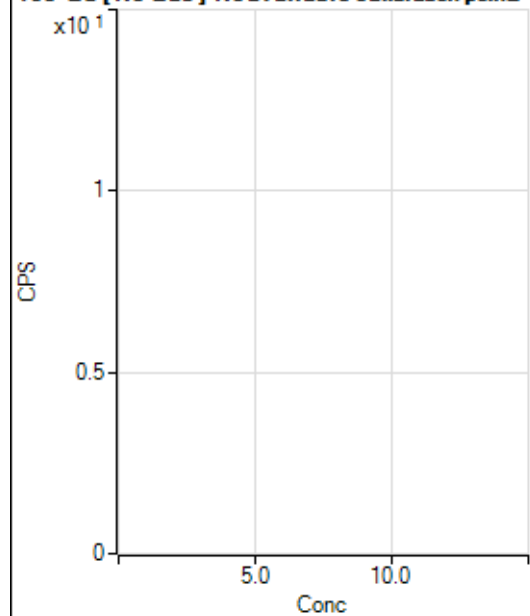
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐			3.33		P	100.1
3	☐			3.33		P	100.1
4	☐			3.33		P	0.0
5	☐			13.33		P	66.2
6	☐			27.78		P	13.9
7	☐			44.44		P	11.5
8	☐			56.67		P	11.8

156 Dy [No Gas] No available calibration points

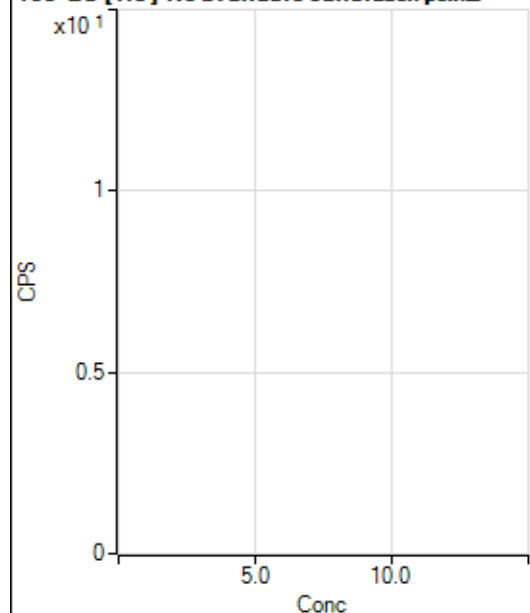
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			293.34		P	11.4
2	☐			241.11		P	13.9
3	☐			290.00		P	13.9
4	☐			280.00		P	19.2
5	☐			273.34		P	16.8
6	☐			325.56		P	2.1
7	☐			436.68		P	18.0
8	☐			641.13		P	19.3

156 Dy [He] No available calibration points

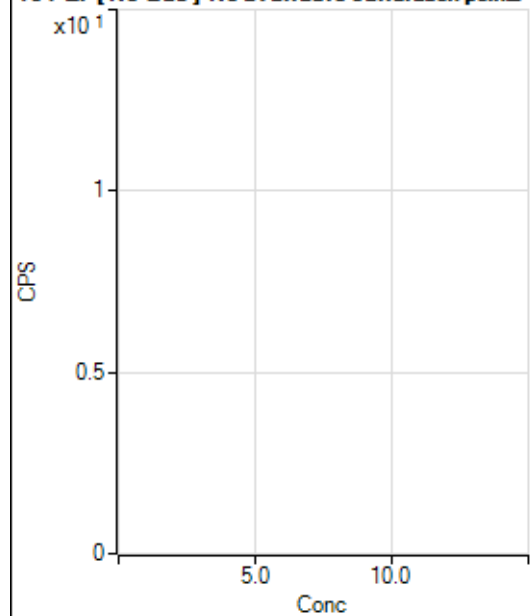
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			7.78		P	49.5
3	☐			7.78		P	24.7
4	☐			10.00		P	100.0
5	☐			13.33		P	50.0
6	☐			24.44		P	39.4
7	☐			48.89		P	30.7
8	☐			163.34		P	25.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	10.1
2	☐			90.00		P	7.4
3	☐			80.00		P	36.1
4	☐			88.89		P	14.2
5	☐			106.67		P	6.3
6	☐			145.56		P	10.8
7	☐			201.11		P	9.1
8	☐			508.90		P	1.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			10.00		P	33.3
3	☐			21.11		P	32.9
4	☐			28.89		P	17.6
5	☐			25.56		P	7.5
6	☐			42.22		P	9.1
7	☐			58.89		P	23.6
8	☐			186.67		P	7.8

164 Er [No Gas] No available calibration points

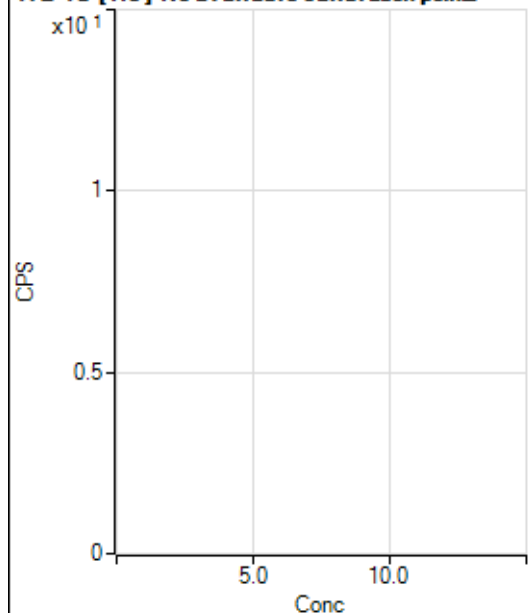
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	25.3
2	☐			75.55		P	14.2
3	☐			100.00		P	10.0
4	☐			93.34		P	12.9
5	☐			128.89		P	12.2
6	☐			151.11		P	16.3
7	☐			221.12		P	7.7
8	☐			552.24		P	13.1

164 Er [He] No available calibration points

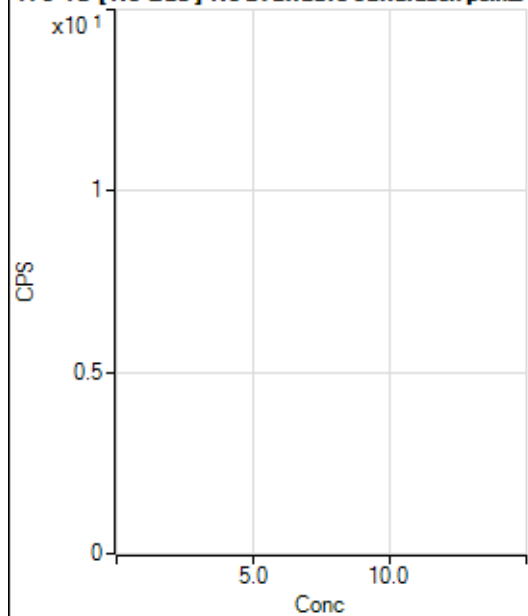
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	50.6
2	☐			21.11		P	36.5
3	☐			23.33		P	74.2
4	☐			25.55		P	15.1
5	☐			40.00		P	43.3
6	☐			50.00		P	20.0
7	☐			77.78		P	13.8
8	☐			183.34		P	26.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	17.4
2	☐			95.55		P	7.3
3	☐			103.34		P	16.8
4	☐			117.78		P	17.3
5	☐			131.11		P	16.5
6	☐			157.78		P	8.5
7	☐			241.12		P	11.3
8	☐			673.36		P	1.7

172 Yb [He] No available calibration points

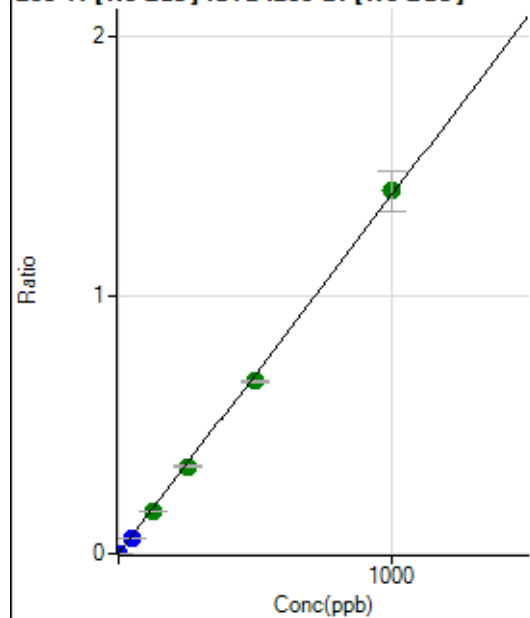
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	6.7
2	☐			26.67		P	43.3
3	☐			36.67		P	18.2
4	☐			44.44		P	21.7
5	☐			38.89		P	27.5
6	☐			67.78		P	7.5
7	☐			103.34		P	14.1
8	☐			284.45		P	9.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1592.34		P	5.0
2	☐			1627.90		P	8.4
3	☐			4885.39		P	2.8
4	☐			9863.78		P	2.2
5	☐			18577.61		P	1.6
6	☐			34333.45		P	1.3
7	☐			66367.89		P	0.4
8	☐			1963.50		P	3.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			294.45		P	4.3
2	☐			268.90		P	3.8
3	☐			1291.18		P	4.7
4	☐			2902.57		P	5.9
5	☐			5769.09		P	2.3
6	☐			10845.69		P	0.4
7	☐			20909.93		P	0.8
8	☐			403.34		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	490.01	0.0000	P	3.9
2	☐	1.000	0.985	15524.92	0.0014	P	1.6
3	☐	50.000	45.136	703638.48	0.0627	P	0.4
4	☐	125.000	117.047	1800007.59	0.1625	A	0.3
5	☐	250.000	242.460	3636911.16	0.3366	A	1.7
6	☐	500.000	481.776	7041877.33	0.6689	A	0.8
7	☐	1000.000	1012.234	13565214.10	1.4053	A	11.3
8	☐			1373.42	0.0002	P	5.2

$$y = 0.0014 * x + 4.4065E-005$$

$$R = 0.9997$$

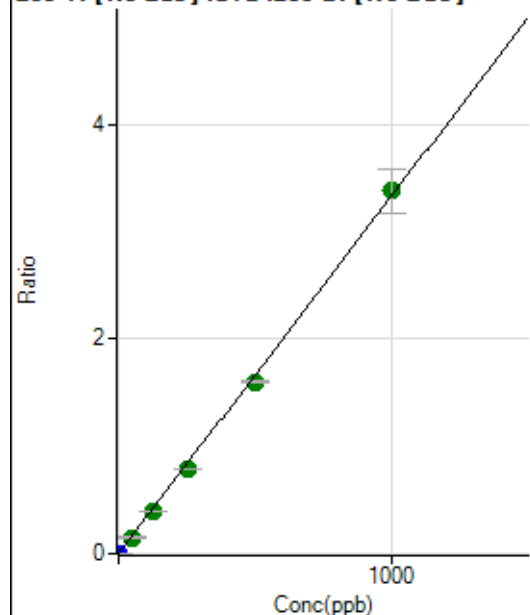
$$DL = 0.003733$$

$$BEC = 0.03174$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1178.95	0.0001	P	4.1
2	☐	1.000	0.980	37101.85	0.0034	P	1.1
3	☐	50.000	45.640	1708752.72	0.1523	A	0.6
4	☐	125.000	117.041	4322237.43	0.3903	A	2.2
5	☐	250.000	237.157	8544196.68	0.7908	A	0.7
6	☐	500.000	479.717	16840142.11	1.5996	A	1.3
7	☐	1000.000	1014.565	32641966.46	3.3829	A	12.0
8	☐			3261.56	0.0004	P	7.6

$$y = 0.0033 * x + 1.0600E-004$$

$$R = 0.9996$$

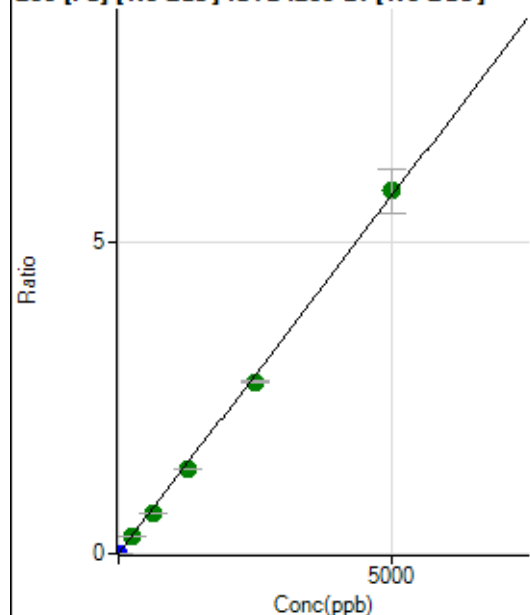
$$DL = 0.00395$$

$$BEC = 0.03179$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1215.62	0.0001	P	6.1
2	☐	1.000	0.963	13351.40	0.0012	P	0.9
3	☐	250.000	234.725	3019714.44	0.2691	A	1.5
4	☐	625.000	573.348	7277684.20	0.6572	A	1.5
5	☐	1250.000	1185.419	14679267.42	1.3587	A	0.7
6	☐	2500.000	2401.329	28974948.46	2.7522	A	1.1
7	☐	5000.000	5072.701	56105316.94	5.8138	A	11.9
8	☐			10773.48	0.0012	P	5.3

$$y = 0.0011 * x + 1.0932E-004$$

$$R = 0.9996$$

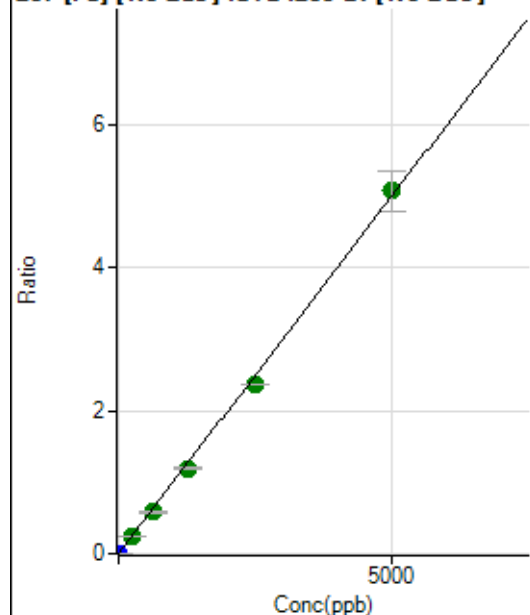
$$DL = 0.01754$$

$$BEC = 0.09539$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1080.06	0.0001	P	9.0
2	☐	1.000	0.960	11608.62	0.0011	P	0.8
3	☐	250.000	230.606	2583561.82	0.2303	A	1.5
4	☐	625.000	579.099	6401518.93	0.5781	A	0.8
5	☐	1250.000	1195.976	12897417.31	1.1938	A	0.7
6	☐	2500.000	2378.512	24993906.85	2.3740	A	0.3
7	☐	5000.000	5080.958	48954045.94	5.0712	A	11.4
8	☐			9215.60	0.0010	P	4.9

$$y = 9.9806E-004 * x + 9.7095E-005$$

$$R = 0.9995$$

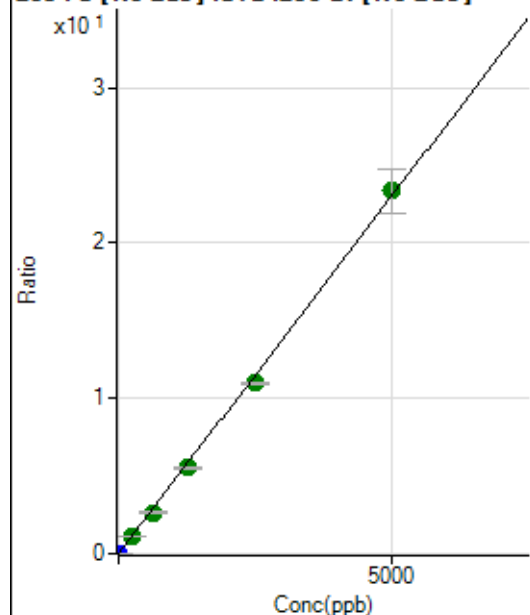
$$DL = 0.02638$$

$$BEC = 0.09728$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5026.00	0.0005	P	1.9
2	☐	1.000	0.959	53492.59	0.0049	P	0.8
3	☐	250.000	230.309	11887692.96	1.0595	A	1.2
4	☐	625.000	578.512	29462660.25	2.6606	A	1.0
5	☐	1250.000	1202.637	59749900.91	5.5304	A	0.9
6	☐	2500.000	2382.490	115340365.5	10.9556	A	0.6
7	☐	5000.000	5077.391	225271316.6	23.3472	A	12.0
8	☐			42676.96	0.0047	P	5.4

$$y = 0.0046 * x + 4.5194E-004$$

$$R = 0.9995$$

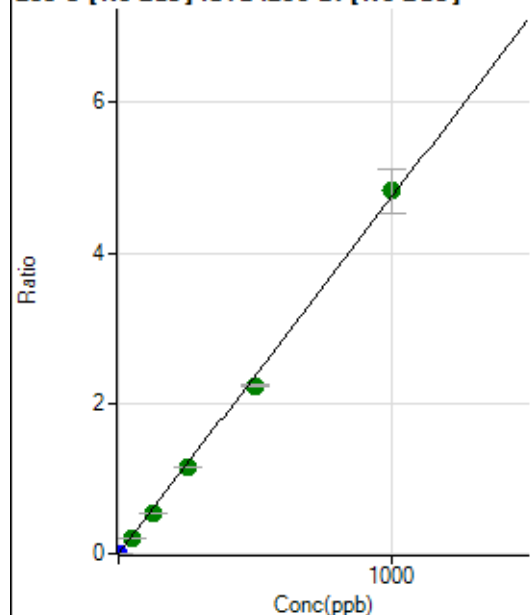
$$DL = 0.005703$$

$$BEC = 0.09829$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.57	0.0000	P	7.7
2	☐	1.000	0.938	49336.41	0.0045	P	1.6
3	☐	50.000	45.347	2412296.23	0.2150	A	1.8
4	☐	125.000	114.447	6007435.74	0.5425	A	1.8
5	☐	250.000	241.627	12374318.15	1.1454	A	0.7
6	☐	500.000	471.558	23532798.82	2.2352	A	0.7
7	☐	1000.000	1017.866	46537394.30	4.8247	A	12.4
8	☐			2202.48	0.0002	P	17.3

$$y = 0.0047 * x + 3.8260E-005$$

$$R = 0.9994$$

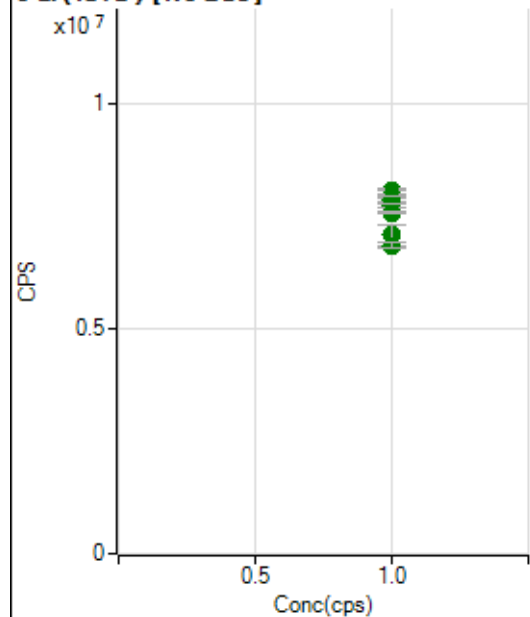
$$DL = 0.001865$$

$$BEC = 0.008072$$

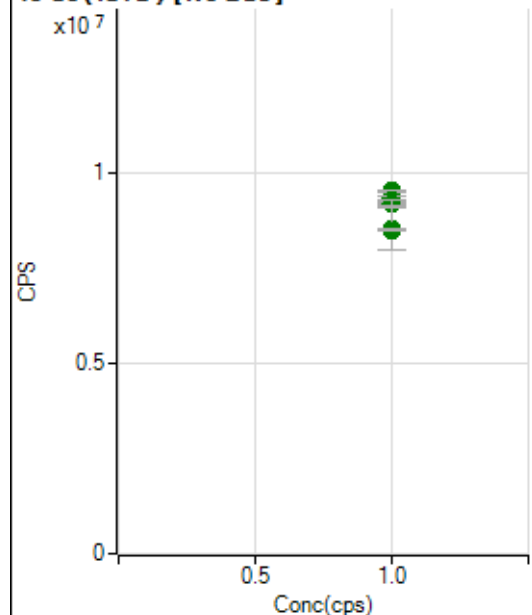
Weight: <None>

Min Conc: 0

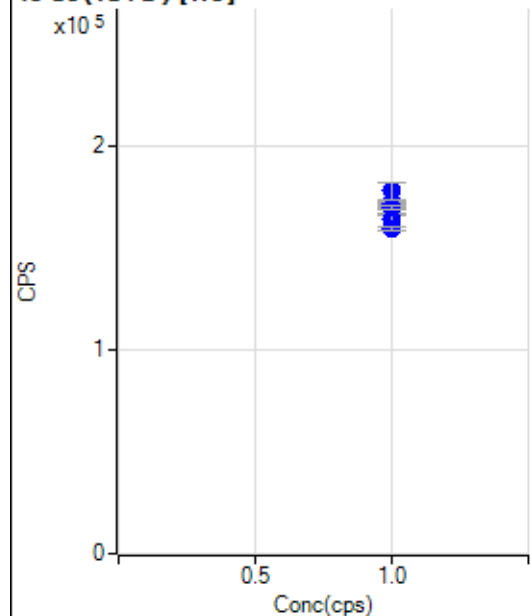
6 Li (ISTD) [No Gas]



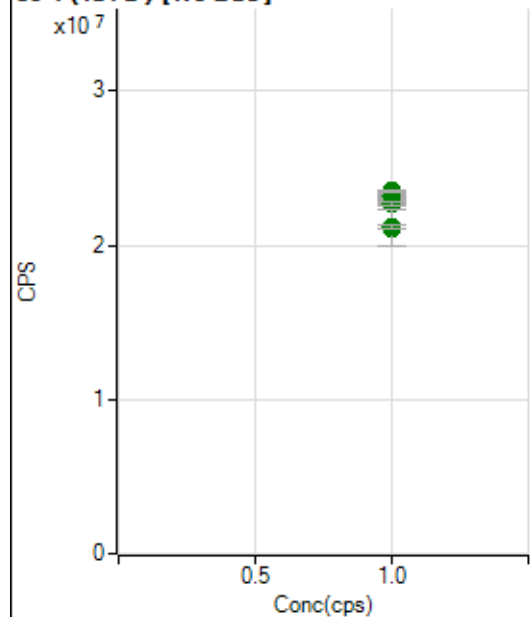
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8068135.09		A	1.6
2	☐	1.000		7996189.34		A	1.9
3	☐	1.000		7960061.72		A	0.4
4	☐	1.000		7871627.78		A	1.6
5	☐	1.000		7749319.94		A	1.2
6	☐	1.000		7576392.34		A	0.7
7	☐	1.000		7084173.29		A	7.0
8	☐	1.000		6862584.06		A	1.7

45 Sc (ISTD) [No Gas]

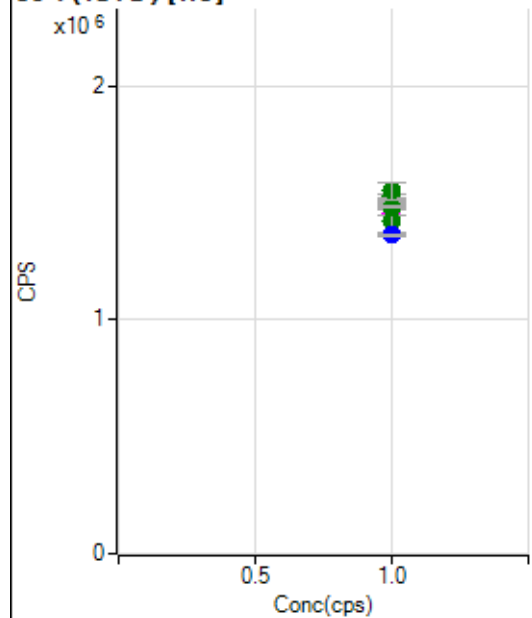
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9475628.68		A	1.6
2	☐	1.000		9324203.47		A	1.7
3	☐	1.000		9358616.39		A	1.1
4	☐	1.000		9531234.16		A	0.5
5	☐	1.000		9282548.40		A	2.0
6	☐	1.000		9218058.96		A	1.4
7	☐	1.000		8519738.35		A	12.9
8	☐	1.000		8498597.44		A	0.5

45 Sc (ISTD) [He]

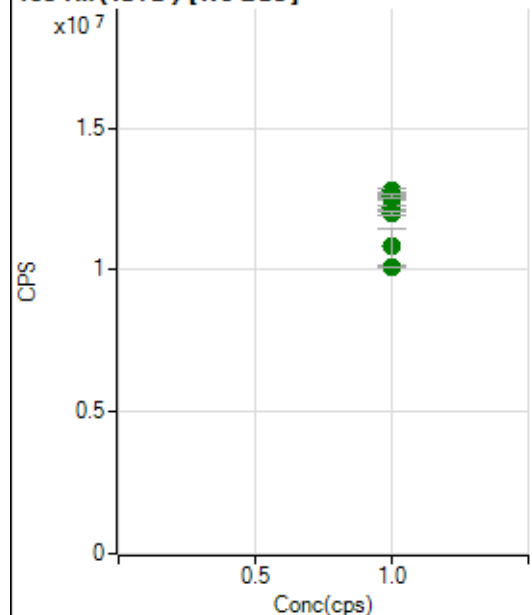
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		170617.17		P	1.0
2	☐	1.000		166884.92		P	0.3
3	☐	1.000		172507.76		P	0.8
4	☐	1.000		171955.39		P	0.9
5	☐	1.000		164080.01		P	6.5
6	☐	1.000		169802.50		P	1.4
7	☐	1.000		178212.80		P	4.8
8	☐	1.000		159480.53		P	1.4

89 Y (ISTD) [No Gas]

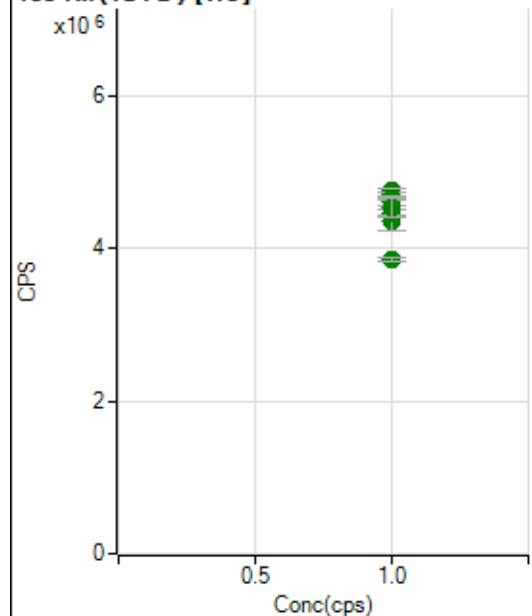
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23058398.55		A	0.6
2	☐	1.000		23191767.71		A	1.4
3	☐	1.000		23168856.60		A	1.5
4	☐	1.000		23510334.93		A	0.7
5	☐	1.000		22806556.33		A	0.6
6	☐	1.000		22651559.66		A	1.0
7	☐	1.000		21107755.10		A	11.0
8	☐	1.000		21130643.85		A	1.3

89 Y (ISTD) [He]

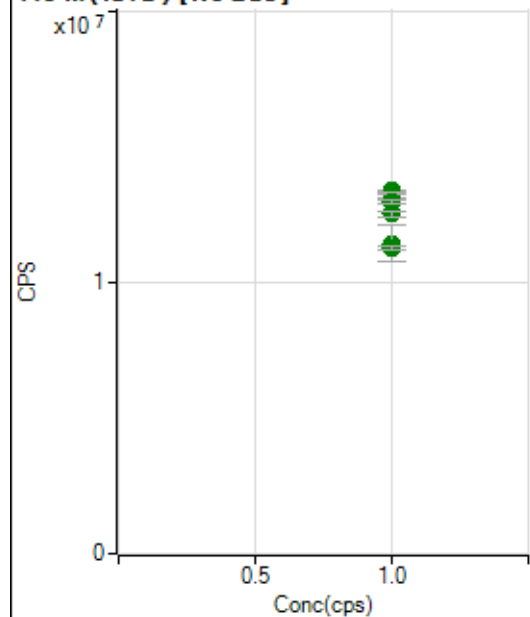
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1479770.27		A	1.4
2	☐	1.000		1456323.07		M	1.6
3	☐	1.000		1499016.85		A	1.0
4	☐	1.000		1527904.34		A	0.6
5	☐	1.000		1419823.33		A	6.6
6	☐	1.000		1481121.49		A	0.6
7	☐	1.000		1549730.91		A	4.7
8	☐	1.000		1360387.57		P	1.0

103 Rh (ISTD) [No Gas]

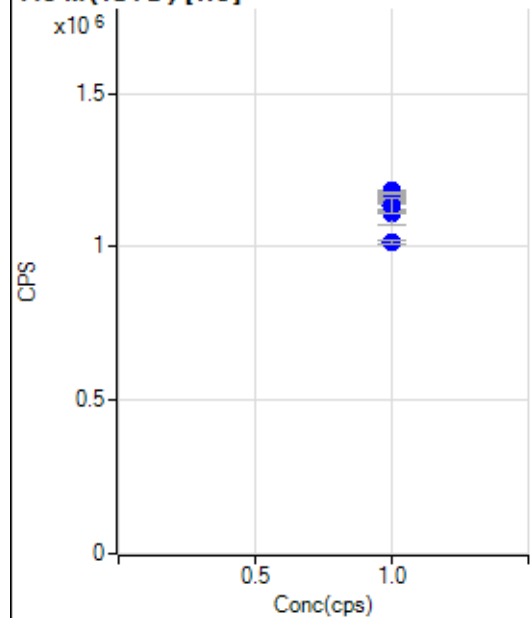
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12782320.09		A	0.9
2	☐	1.000		12561536.48		A	2.0
3	☐	1.000		12649932.31		A	0.4
4	☐	1.000		12608836.48		A	1.1
5	☐	1.000		12201865.37		A	1.1
6	☐	1.000		11977403.29		A	0.8
7	☐	1.000		10811859.21		A	12.1
8	☐	1.000		10089469.99		A	0.2

103 Rh (ISTD) [He]

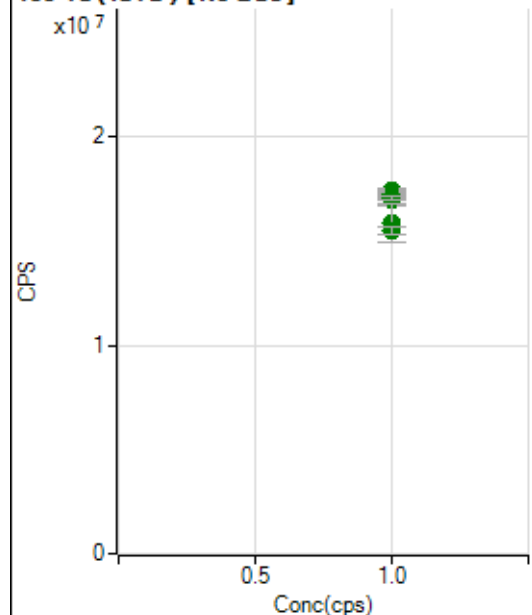
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4704888.12		A	1.5
2	☐	1.000		4603634.48		A	2.0
3	☐	1.000		4755815.48		A	1.2
4	☐	1.000		4652052.99		A	1.1
5	☐	1.000		4370036.22		A	6.7
6	☐	1.000		4470309.76		A	1.4
7	☐	1.000		4532467.99		A	5.4
8	☐	1.000		3854420.98		A	0.9

115 In (ISTD) [No Gas]

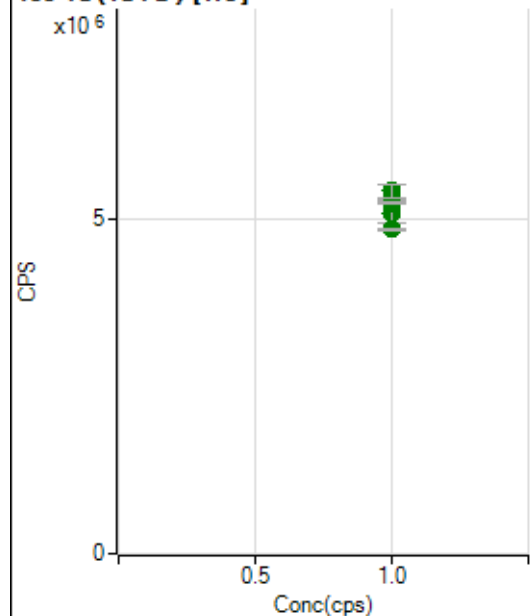
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13212693.86		A	1.8
2	☐	1.000		13057363.74		A	2.6
3	☐	1.000		13364918.64		A	0.6
4	☐	1.000		13274282.88		A	0.5
5	☐	1.000		12963308.84		A	1.1
6	☐	1.000		12509024.83		A	1.6
7	☐	1.000		11429489.40		A	11.9
8	☐	1.000		11256718.27		A	1.3

115 In (ISTD) [He]

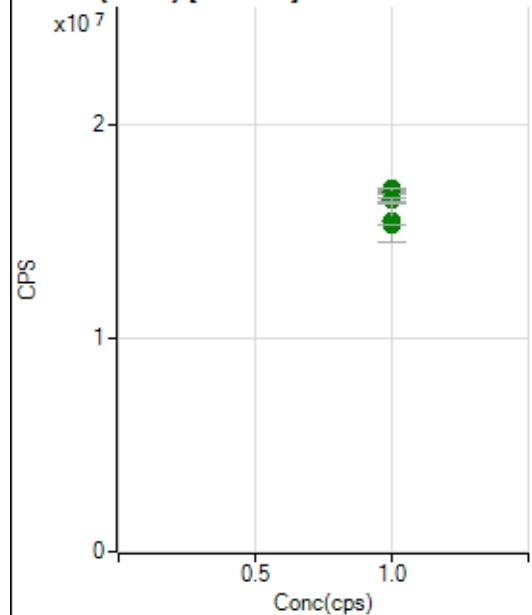
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1162723.01		P	1.0
2	☐	1.000		1151089.32		P	0.4
3	☐	1.000		1182332.40		P	0.3
4	☐	1.000		1175940.61		P	0.5
5	☐	1.000		1106871.18		P	6.6
6	☐	1.000		1116930.51		P	0.7
7	☐	1.000		1134549.26		P	4.4
8	☐	1.000		1013586.67		P	1.2

159 Tb (ISTD) [No Gas]

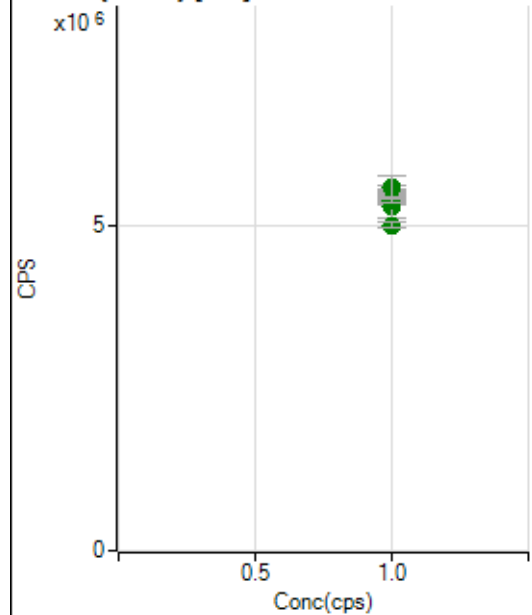
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17186030.44		A	1.3
2	☐	1.000		16978903.50		A	2.9
3	☐	1.000		17421142.24		A	1.7
4	☐	1.000		17233090.30		A	2.4
5	☐	1.000		17215332.52		A	1.8
6	☐	1.000		17073693.91		A	0.7
7	☐	1.000		15883526.98		A	11.9
8	☐	1.000		15507671.30		A	1.9

159 Tb (ISTD) [He]

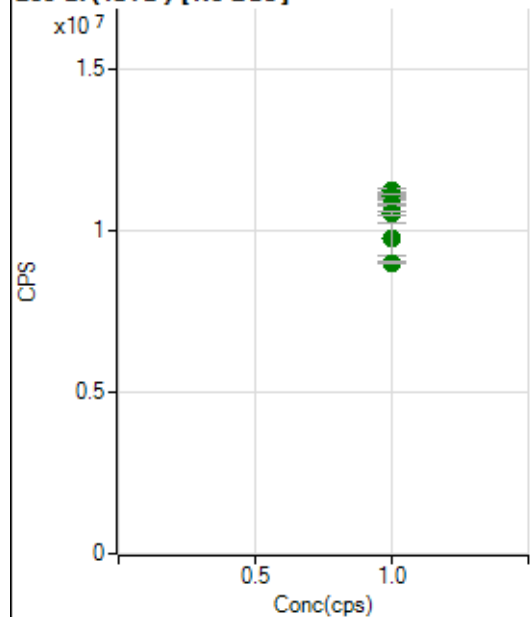
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5289169.61		A	0.8
2	☐	1.000		5233614.78		A	0.7
3	☐	1.000		5270020.65		A	0.6
4	☐	1.000		5290982.25		A	0.7
5	☐	1.000		5069037.11		A	5.9
6	☐	1.000		5229326.48		A	0.6
7	☐	1.000		5410218.32		A	4.0
8	☐	1.000		4834974.96		A	1.0

165 Ho (ISTD) [No Gas]

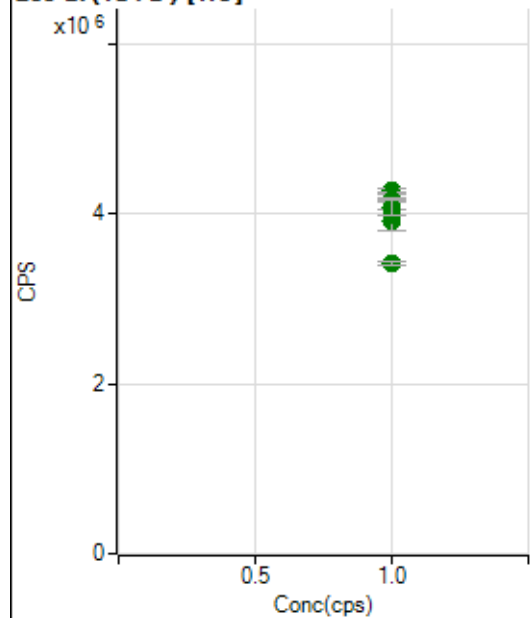
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16707541.97		A	1.2
2	☐	1.000		16577442.67		A	1.8
3	☐	1.000		16991175.58		A	0.6
4	☐	1.000		16968499.47		A	0.9
5	☐	1.000		16860305.03		A	1.5
6	☐	1.000		16446976.42		A	1.3
7	☐	1.000		15452593.52		A	12.2
8	☐	1.000		15300546.72		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5421287.83		A	1.2
2	☐	1.000		5376568.01		A	1.8
3	☐	1.000		5591004.92		A	1.1
4	☐	1.000		5509994.64		A	1.1
5	☐	1.000		5317883.67		A	6.9
6	☐	1.000		5409730.82		A	1.3
7	☐	1.000		5593917.42		A	6.3
8	☐	1.000		5014598.43		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11121104.97		A	0.4
2	☐	1.000		11003452.75		A	0.8
3	☐	1.000		11221479.42		A	1.0
4	☐	1.000		11074504.00		A	1.1
5	☐	1.000		10804286.51		A	0.7
6	☐	1.000		10528303.80		A	0.7
7	☐	1.000		9729228.95		A	10.5
8	☐	1.000		9003517.92		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4264118.37		A	1.0
2	☐	1.000		4175410.63		A	0.7
3	☐	1.000		4230536.85		A	0.5
4	☐	1.000		4154641.43		A	1.2
5	☐	1.000		3918098.14		A	6.3
6	☐	1.000		3983710.84		A	0.2
7	☐	1.000		4067287.16		A	4.1
8	☐	1.000		3408381.44		A	1.4