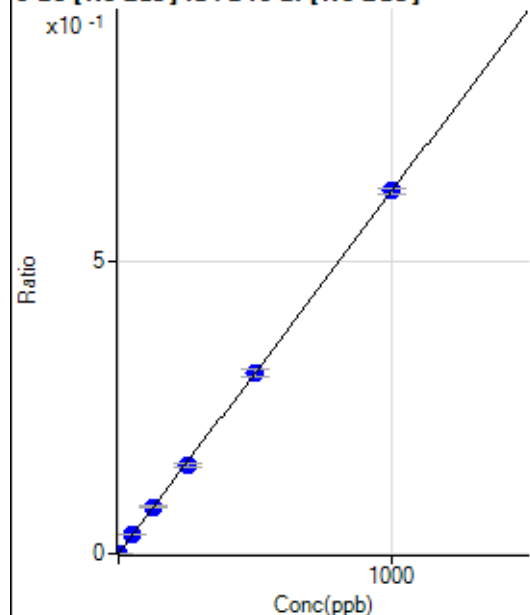


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8062223MS.b\
 Analysis File: P8062223MS.batch.bin
 DA Date-Time: 2023-06-30 15:19:22
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-06-22 13:01:46
2	005CALS.d	S02	2023-06-22 13:04:48
3	006CALS.d	S03	2023-06-22 13:07:52
4	007CALS.d	S04	2023-06-22 13:10:51
5	008CALS.d	S05	2023-06-22 13:13:52
6	009CALS.d	S06	2023-06-22 13:16:51
7	010CALS.d	S07	2023-06-22 13:19:52
8	011CALS.d	S08	2023-06-22 13:22:50

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.42	0.0000	P	4.2
2	☐	1.000	1.030	1239.07	0.0007	P	1.8
3	☐	50.000	52.632	62940.03	0.0327	P	1.2
4	☐	125.000	128.793	147404.88	0.0800	P	2.4
5	☐	250.000	242.765	276075.26	0.1509	P	4.4
6	☐	500.000	499.100	520297.31	0.3102	P	3.7
7	☐	1000.000	1001.653	988468.01	0.6225	P	1.5
8	☐			212.06	0.0001	P	28.2

$$y = 6.2143\text{E-}004 * x + 1.3165\text{E-}005$$

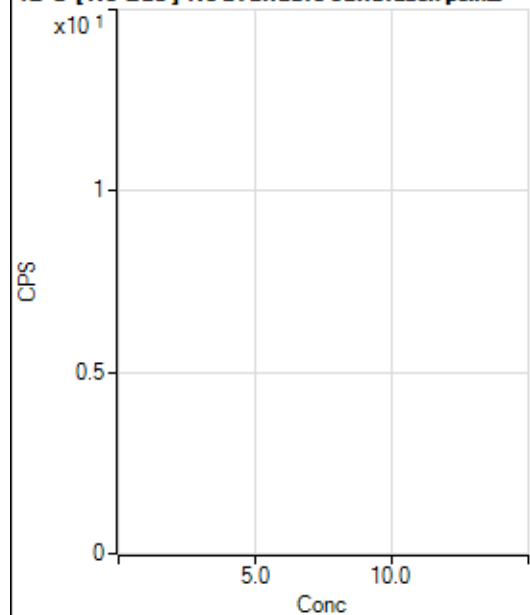
$$R = 1.0000$$

$$DL = 0.002677$$

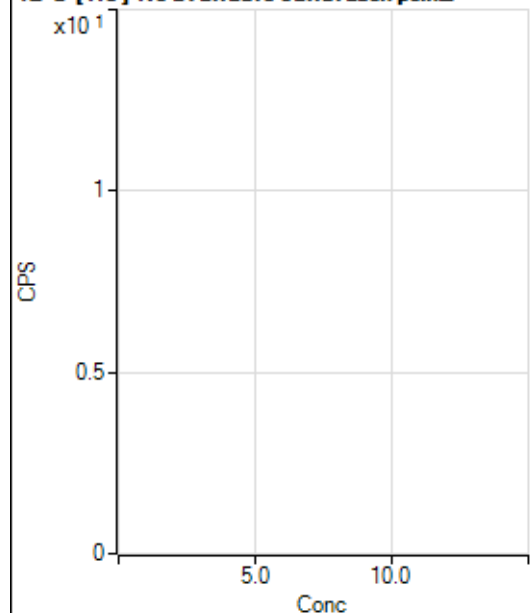
$$BEC = 0.02118$$

Weight: <None>

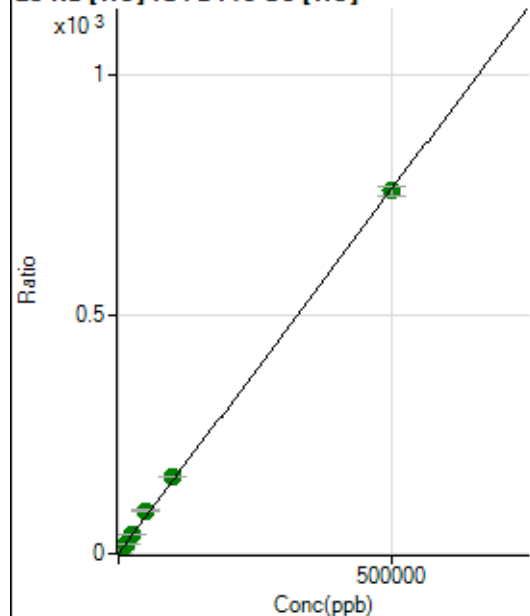
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2229136.70		A	0.8
2	☐			2326262.69		A	0.3
3	☐			2458276.62		A	0.5
4	☐			2300254.70		A	0.5
5	☐			2183245.80		A	0.7
6	☐			2204842.32		A	1.5
7	☐			2263870.06		A	4.6
8	☐			2248360.73		A	4.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31704.24		P	0.9
2	☐			32634.17		P	2.6
3	☐			34842.02		P	1.4
4	☐			32325.02		P	1.6
5	☐			31375.74		P	1.4
6	☐			33107.23		P	1.2
7	☐			35061.91		P	1.6
8	☐			37398.31		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48116.08	0.4160	P	1.5
2	☐	500.000	494.608	137706.63	1.1690	P	1.8
3	☐	5000.000	5646.743	1028668.28	9.0126	A	1.1
4	☐	12500.000	13615.740	2365602.50	21.1446	A	1.4
5	☐	25000.000	26418.488	4408458.43	40.6355	A	1.5
6	☐	50000.000	58791.124	8532574.32	89.9196	A	6.6
7	☐	100000.00	105413.03	16297560.43	160.8967	A	1.9
8	☐	500000.00	497933.00	76981485.05	758.4687	A	2.8

$$y = 0.0015 * x + 0.4160$$

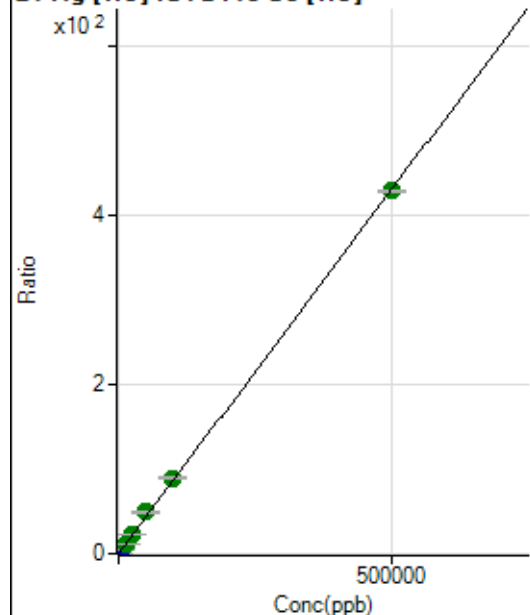
$$R = 0.9998$$

$$DL = 12.11$$

$$BEC = 273.3$$

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	75.00	0.0006	P	20.3
2	☐	500.000	492.739	49986.41	0.4243	P	2.3
3	☐	5000.000	5600.613	549715.35	4.8163	P	0.4
4	☐	12500.000	13319.579	1281255.01	11.4535	A	2.8
5	☐	25000.000	26499.691	2472339.68	22.7864	A	0.8
6	☐	50000.000	57539.728	4695660.96	49.4762	A	6.3
7	☐	100000.00	104044.05	9062180.06	89.4629	A	1.2
8	☐	500000.00	498335.74	43493832.22	428.4945	A	0.6

$$y = 8.5985\text{E-}004 * x + 6.4931\text{E-}004$$

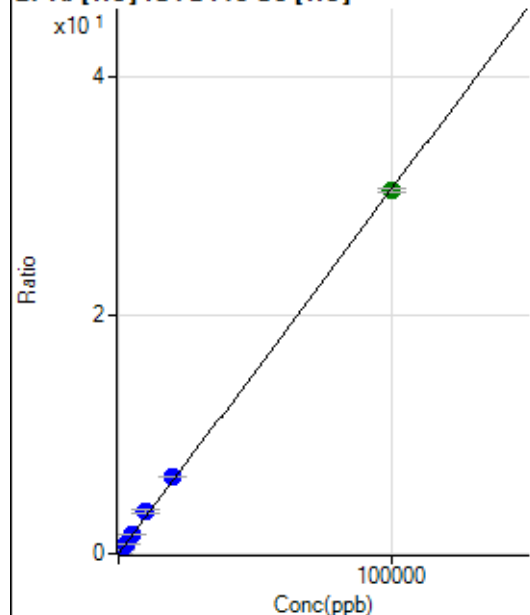
$$R = 0.9999$$

$$DL = 0.4601$$

$$BEC = 0.7551$$

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	54.57	0.0005	P	5.6
2	☐	20.000	20.906	809.51	0.0069	P	8.1
3	☐	1000.000	1122.389	39255.19	0.3439	P	0.9
4	☐	2500.000	2684.363	91955.60	0.8219	P	0.9
5	☐	5000.000	5320.866	176696.01	1.6287	P	1.3
6	☐	10000.000	11772.120	341675.97	3.6028	P	7.9
7	☐	20000.000	21159.938	655948.18	6.4755	P	1.3
8	☐	100000.00	99568.924	3092717.48	30.4689	A	0.9

$$y = 3.0600\text{E-}004 * x + 4.7197\text{E-}004$$

$$R = 0.9998$$

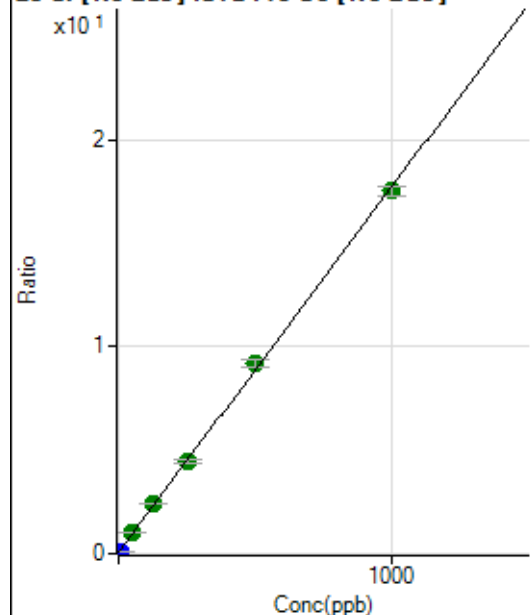
$$DL = 0.2595$$

$$BEC = 1.542$$

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	200171.34	0.0621	P	2.7
2	☐	10.000	0.580	231673.05	0.0723	P	1.8
3	☐	50.000	55.154	3344353.65	1.0349	A	3.7
4	☐	125.000	133.125	7595070.66	2.4102	A	1.4
5	☐	250.000	249.867	14136257.61	4.4693	A	4.8
6	☐	500.000	517.762	26654941.92	9.1945	A	3.6
7	☐	1000.000	989.973	50105905.29	17.5234	A	2.7
8	☐			1179770.40	0.4321	A	15.7

$$y = 0.0176 * x + 0.0621$$

$$R = 0.9996$$

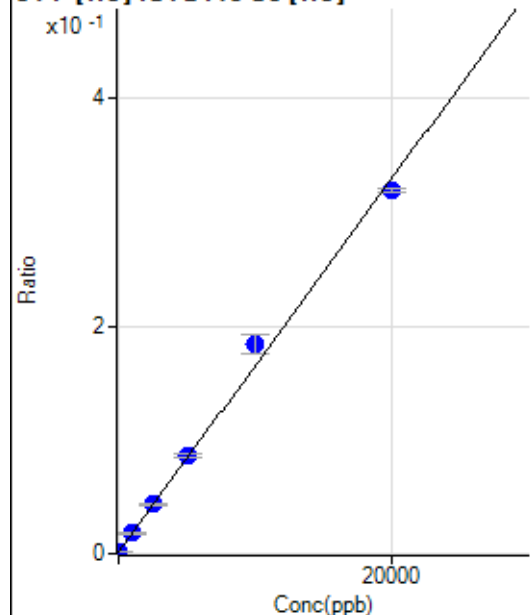
$$DL = 0.2832$$

$$BEC = 3.519$$

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	6.553	161.12	0.0014	P	25.9
2	☐	0.000	-6.553	138.90	0.0012	P	38.0
3	☐	1000.000	1013.083	2041.86	0.0179	P	8.8
4	☐	2500.000	2559.759	4837.05	0.0432	P	4.6
5	☐	5000.000	5190.562	9369.95	0.0864	P	2.8
6	☐	10000.000	11167.573	17472.13	0.1843	P	8.8
7	☐	20000.000	19360.449	32275.38	0.3186	P	1.0
8	☐			133.34	0.0013	P	22.5

$$y = 1.6390E-005 * x + 0.0013$$

$$R = 0.9973$$

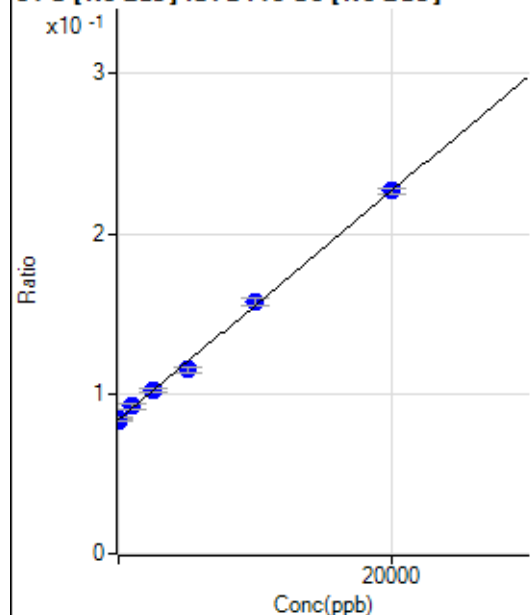
$$DL = 74.09$$

$$BEC = 78.48$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-52.894	269035.48	0.0834	P	2.4
2	☐	0.000	52.894	269704.55	0.0842	P	2.6
3	☐	1000.000	1206.344	298649.62	0.0924	P	4.0
4	☐	2500.000	2572.183	321980.32	0.1022	P	1.8
5	☐	5000.000	4344.029	363457.89	0.1149	P	2.4
6	☐	10000.000	10328.706	457118.10	0.1577	P	3.0
7	☐	20000.000	19980.299	648153.24	0.2267	P	1.4
8	☐			226279.54	0.0831	P	1.5

$$y = 7.1500\text{E-}006 * x + 0.0838$$

$$R = 0.9991$$

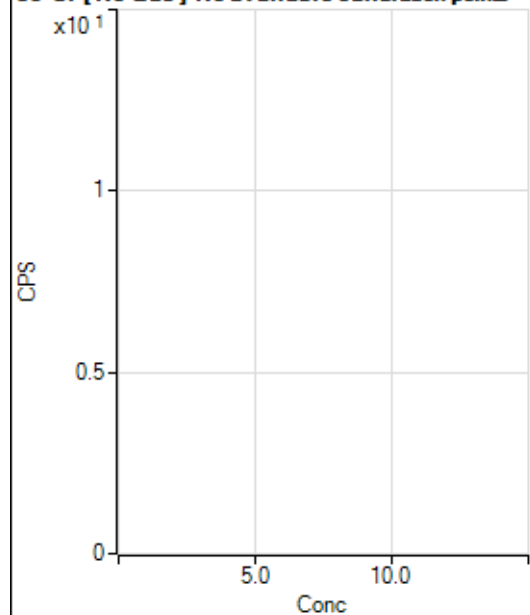
$$DL = 868.1$$

$$BEC = 1.172\text{E}+04$$

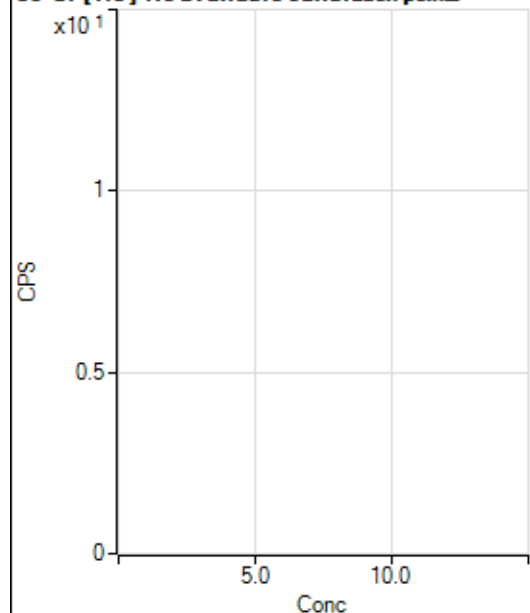
Weight: <None>

Min Conc: 0

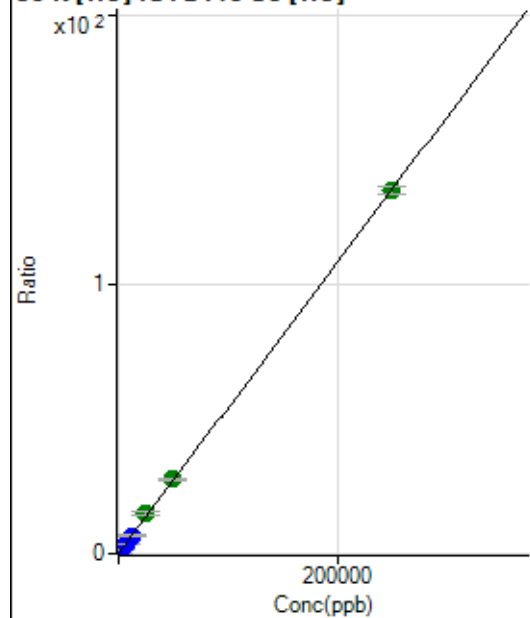
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			78283.83		P	2.9
2	☐			79197.44		P	1.0
3	☐			89959.52		P	2.1
4	☐			85074.81		P	0.6
5	☐			86673.02		P	0.5
6	☐			87081.00		P	0.3
7	☐			96034.50		P	3.6
8	☐			101312.50		P	3.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			675.03		P	1.2
2	☐			583.36		P	2.9
3	☐			666.70		P	7.8
4	☐			655.59		P	9.0
5	☐			672.25		P	2.6
6	☐			763.93		P	10.7
7	☐			813.93		P	4.8
8	☐			863.94		P	15.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9011.36	0.0779	P	2.0
2	☐	500.000	480.104	39719.48	0.3372	P	2.4
3	☐	2500.000	2676.655	173886.78	1.5235	P	0.2
4	☐	6250.000	6369.080	393583.58	3.5177	P	0.7
5	☐	12500.000	12428.749	736690.43	6.7904	P	1.2
6	☐	25000.000	27608.793	1422137.95	14.9888	A	6.9
7	☐	50000.000	50878.258	2791346.65	27.5561	A	1.2
8	☐	250000.00	249562.32	13689146.66	134.8607	A	2.2

$$y = 5.4008\text{E-}004 * x + 0.0779$$

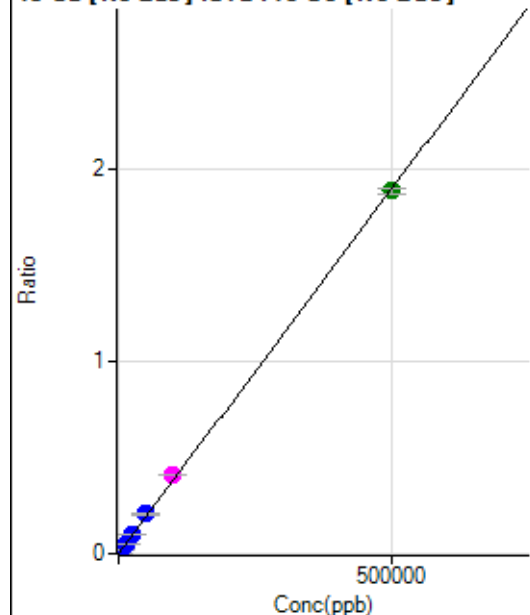
$$R = 0.9999$$

$$DL = 8.793$$

$$BEC = 144.3$$

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	110.41	0.0000	P	11.2
2	☐	500.000	480.749	5946.33	0.0019	P	1.8
3	☐	5000.000	5681.905	69671.81	0.0216	P	3.2
4	☐	12500.000	13764.922	164403.17	0.0522	P	1.0
5	☐	25000.000	26032.407	312002.84	0.0987	P	5.3
6	☐	50000.000	54721.094	601002.28	0.2073	P	4.0
7	☐	100000.00	108525.09	1175775.11	0.4112	M	1.5
8	☐	500000.00	497732.82	5135494.37	1.8856	A	1.5

$$y = 3.7883\text{E-}006 * x + 3.4254\text{E-}005$$

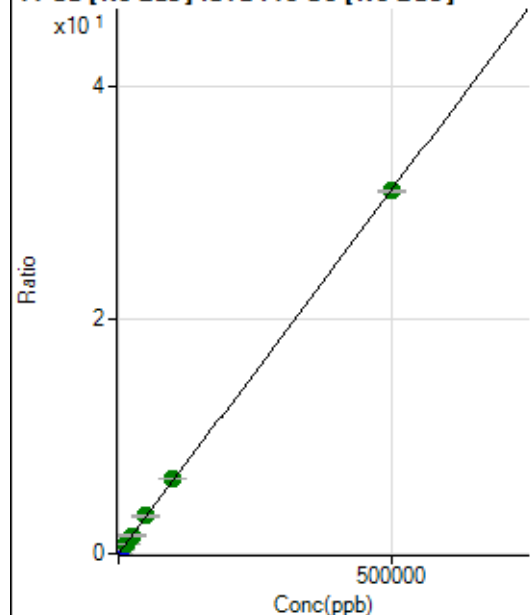
$$R = 0.9998$$

$$DL = 3.048$$

$$BEC = 9.042$$

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	19940.66	0.0062	P	0.8
2	☐	500.000	476.613	114804.92	0.0358	P	2.0
3	☐	5000.000	5368.268	1099077.58	0.3401	P	3.5
4	☐	12500.000	13432.825	2652279.38	0.8418	A	1.9
5	☐	25000.000	24598.942	4858507.90	1.5364	A	6.1
6	☐	50000.000	52251.212	9439943.46	3.2565	A	4.1
7	☐	100000.00	103581.07	18442368.07	6.4495	A	1.2
8	☐	500000.00	499051.73	84576618.06	31.0499	A	0.8

$$y = 6.2205\text{E-}005 * x + 0.0062$$

$$R = 1.0000$$

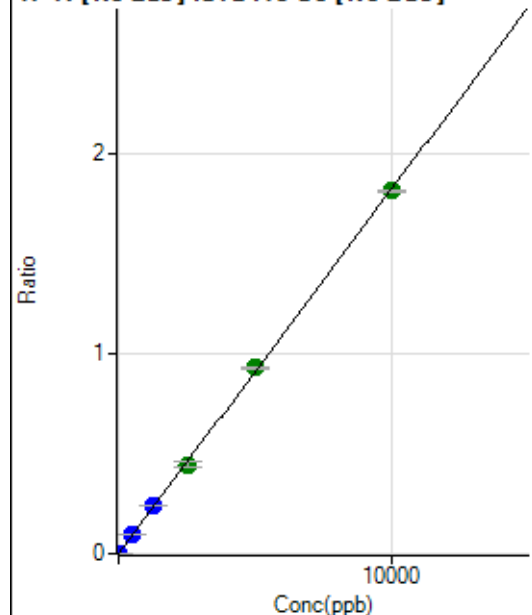
$$DL = 2.476$$

$$BEC = 99.39$$

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	72.22	0.0000	P	27.9
2	☐	5.000	4.924	2944.82	0.0009	P	7.2
3	☐	500.000	531.967	313156.40	0.0969	P	3.9
4	☐	1250.000	1309.922	751894.59	0.2386	P	0.5
5	☐	2500.000	2439.135	1405151.87	0.4443	A	5.7
6	☐	5000.000	5100.447	2694780.68	0.9291	A	1.3
7	☐	10000.000	9955.904	5185928.33	1.8135	A	0.5
8	☐			1139.00	0.0004	P	4.9

$$y = 1.8215\text{E-}004 * x + 2.2348\text{E-}005$$

$$R = 0.9999$$

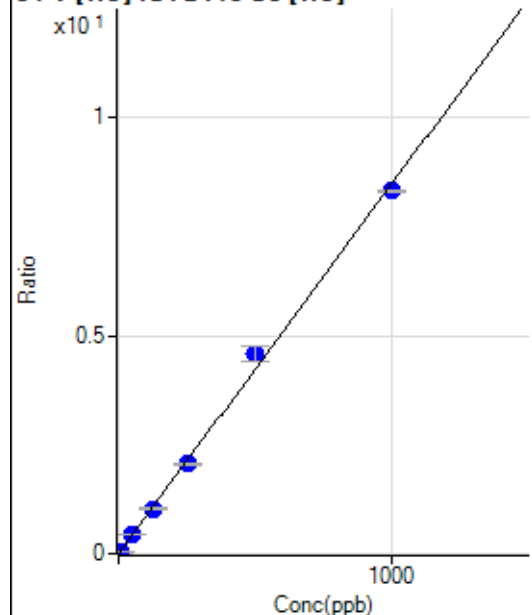
$$DL = 0.1026$$

$$BEC = 0.1227$$

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	7.78	0.0001	P	23.2
2	☐	5.000	4.614	4615.23	0.0392	P	4.3
3	☐	50.000	51.113	49477.53	0.4335	P	0.4
4	☐	125.000	121.807	115569.19	1.0330	P	1.1
5	☐	250.000	242.639	223260.18	2.0576	P	0.6
6	☐	500.000	540.117	434421.95	4.5802	P	7.7
7	☐	1000.000	982.127	843673.52	8.3283	P	0.6
8	☐			461.12	0.0045	P	9.1

$$y = 0.0085 * x + 6.7116\text{E-}005$$

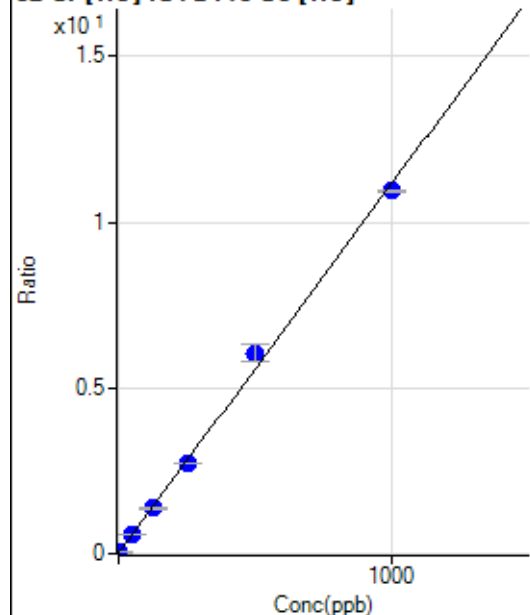
$$R = 0.9988$$

$$DL = 0.005507$$

$$BEC = 0.007915$$

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	972.27	0.0084	P	3.1
2	☐	2.000	1.888	3469.35	0.0295	P	2.5
3	☐	50.000	52.000	67131.11	0.5882	P	0.4
4	☐	125.000	122.611	153868.31	1.3754	P	2.4
5	☐	250.000	242.553	294330.97	2.7127	P	0.1
6	☐	500.000	541.792	573486.72	6.0490	P	8.5
7	☐	1000.000	981.165	1109034.92	10.9477	P	0.5
8	☐			8064.58	0.0795	P	1.2

$$y = 0.0111 * x + 0.0084$$

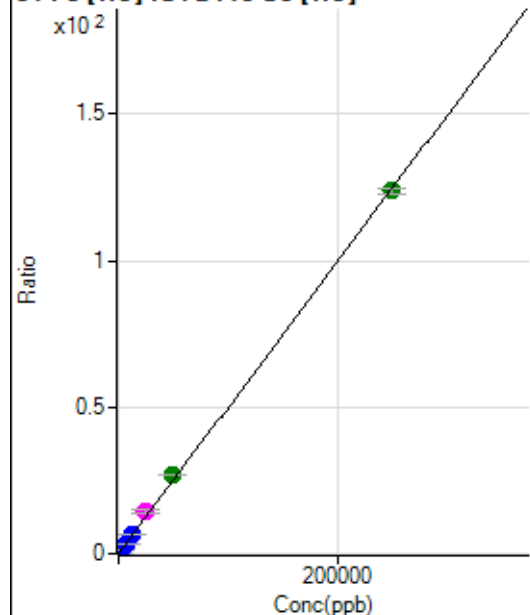
$$R = 0.9987$$

$$DL = 0.06945$$

$$BEC = 0.7541$$

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	364.82	0.0032	P	7.4
2	☐	50.000	53.869	3526.43	0.0299	P	6.2
3	☐	2500.000	2702.823	153755.91	1.3472	P	1.6
4	☐	6250.000	6543.342	364398.14	3.2570	P	0.9
5	☐	12500.000	12783.245	690006.10	6.3599	P	1.0
6	☐	25000.000	28916.305	1362482.54	14.3825	M	10.3
7	☐	50000.000	53634.801	2702197.92	26.6743	A	0.6
8	☐	250000.00	248857.88	12561978.06	123.7536	A	1.3

$$y = 4.9727E-004 * x + 0.0032$$

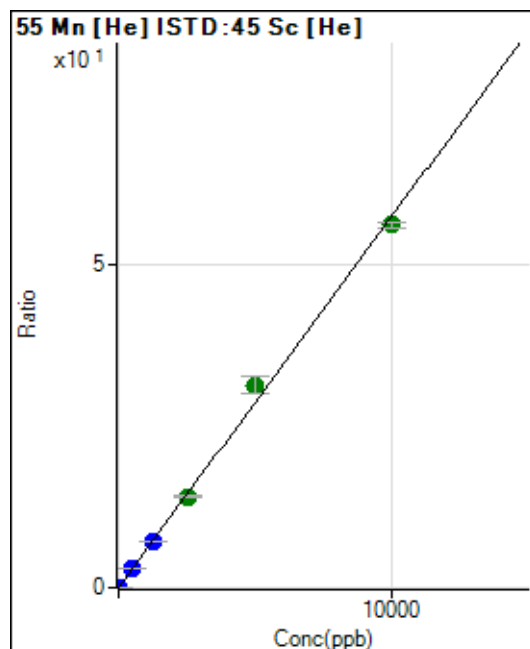
$$R = 0.9998$$

$$DL = 1.41$$

$$BEC = 6.343$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46.67	0.0004	P	26.7
2	☐	1.000	0.976	710.02	0.0060	P	11.9
3	☐	500.000	511.804	336117.26	2.9450	P	1.0
4	☐	1250.000	1232.417	793276.36	7.0908	P	1.9
5	☐	2500.000	2458.143	1534444.73	14.1428	A	0.8
6	☐	5000.000	5462.646	2980014.61	31.4285	A	8.2
7	☐	10000.000	9780.749	5700771.51	56.2718	A	1.7
8	☐			4305.14	0.0424	P	4.4

$$y = 0.0058 * x + 4.0435E-004$$

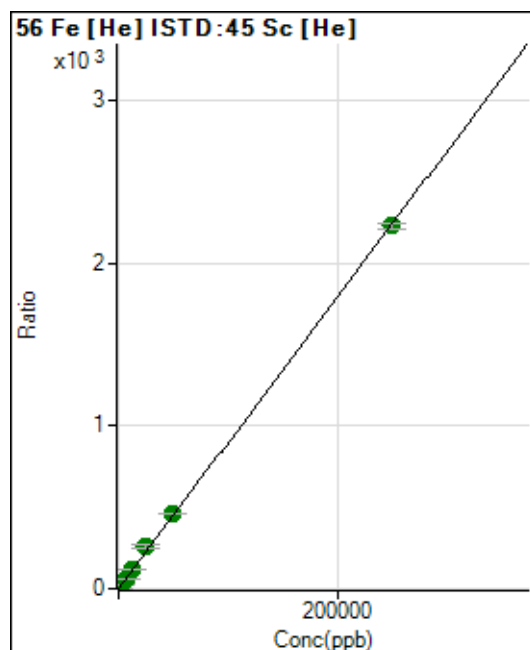
$$R = 0.9984$$

$$DL = 0.0564$$

$$BEC = 0.07028$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2622.52	0.0227	P	6.5
2	☐	50.000	49.505	54850.12	0.4657	P	2.8
3	☐	2500.000	2853.038	2916634.00	25.5535	A	1.5
4	☐	6250.000	6647.991	6658380.53	59.5132	A	1.1
5	☐	12500.000	13037.156	12660546.23	116.6876	A	1.1
6	☐	25000.000	28925.494	24558228.79	258.8667	A	7.1
7	☐	50000.000	51567.458	46749055.67	461.4817	A	1.6
8	☐	250000.00	249253.62	226398879.1	2,230.505	A	1.3

$$y = 0.0089 * x + 0.0227$$

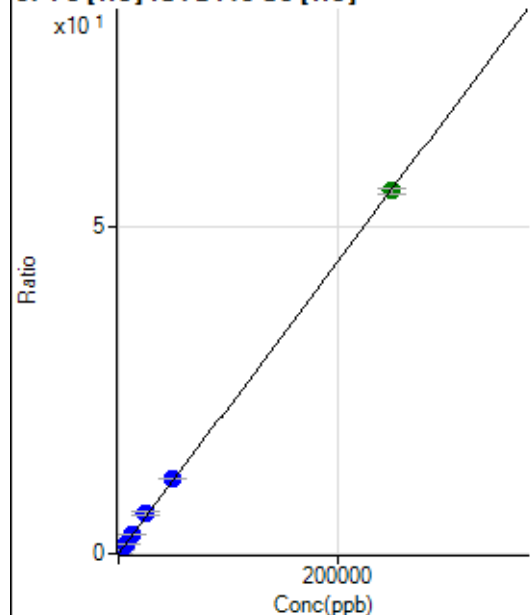
$$R = 0.9999$$

$$DL = 0.4939$$

$$BEC = 2.535$$

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	100.00	0.0009	P	4.6
2	☐	50.000	47.792	1355.65	0.0115	P	6.7
3	☐	2500.000	2705.539	68906.90	0.6037	P	0.9
4	☐	6250.000	6505.473	162254.83	1.4504	P	3.0
5	☐	12500.000	12758.110	308529.46	2.8437	P	0.5
6	☐	25000.000	28270.960	597242.45	6.3003	P	8.7
7	☐	50000.000	51428.965	1160948.86	11.4604	P	0.4
8	☐	250000.00	249365.76	5640006.96	55.5652	A	1.6

$$y = 2.2282\text{E-}004 * x + 8.6433\text{E-}004$$

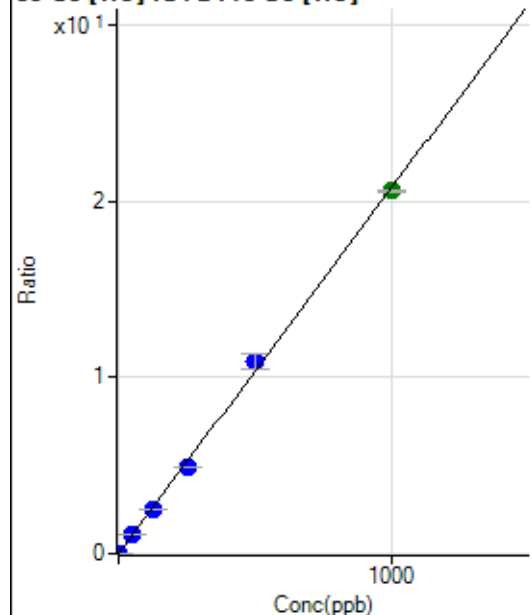
$$R = 0.9999$$

$$DL = 0.5355$$

$$BEC = 3.879$$

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	42.22	0.0004	P	53.5
2	☐	1.000	0.935	2326.88	0.0198	P	2.4
3	☐	50.000	50.401	119314.59	1.0454	P	1.0
4	☐	125.000	119.127	276405.34	2.4704	P	0.4
5	☐	250.000	236.616	532314.49	4.9064	P	1.0
6	☐	500.000	524.549	1031350.12	10.8764	P	8.1
7	☐	1000.000	991.786	2083179.53	20.5641	A	0.3
8	☐			4953.14	0.0488	P	4.0

$$y = 0.0207 * x + 3.6586\text{E-}004$$

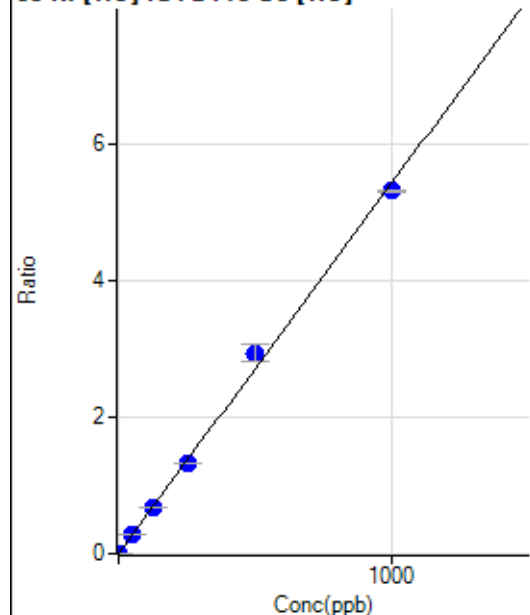
$$R = 0.9995$$

$$DL = 0.02832$$

$$BEC = 0.01765$$

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	54.44	0.0005	P	14.2
2	☐	1.000	0.985	684.47	0.0058	P	7.5
3	☐	50.000	52.425	32482.70	0.2846	P	0.6
4	☐	125.000	124.878	75774.05	0.6773	P	0.9
5	☐	250.000	245.390	144340.08	1.3304	P	1.0
6	☐	500.000	542.345	278725.61	2.9398	P	8.4
7	☐	1000.000	979.874	538012.97	5.3111	P	0.5
8	☐			2645.83	0.0261	P	4.9

$$y = 0.0054 * x + 4.7019E-004$$

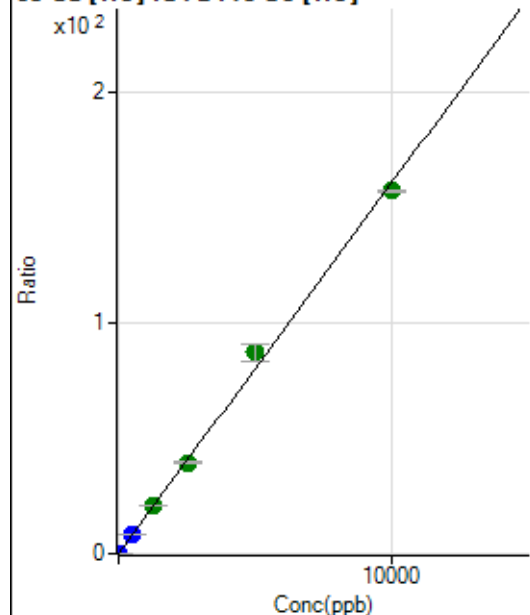
$$R = 0.9987$$

$$DL = 0.03697$$

$$BEC = 0.08675$$

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	358.89	0.0031	P	9.6
2	☐	2.000	1.909	3977.26	0.0338	P	1.7
3	☐	500.000	514.476	943419.19	8.2658	P	0.8
4	☐	1250.000	1280.763	2302008.40	20.5727	A	0.9
5	☐	2500.000	2457.790	4282777.19	39.4763	A	1.3
6	☐	5000.000	5430.368	8267071.06	87.2173	A	9.0
7	☐	10000.000	9790.799	15929605.73	157.2478	A	0.5
8	☐			5496.69	0.0542	P	2.6

$$y = 0.0161 * x + 0.0031$$

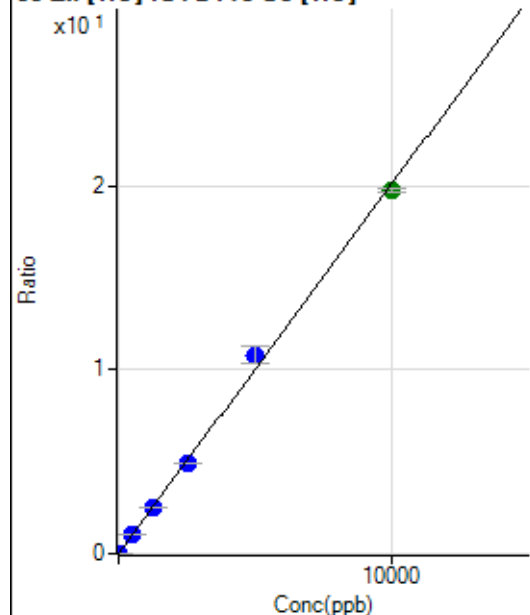
$$R = 0.9986$$

$$DL = 0.05571$$

$$BEC = 0.1933$$

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	131.11	0.0011	P	11.4
2	☐	2.000	1.799	558.91	0.0047	P	5.8
3	☐	500.000	523.479	120020.18	1.0515	P	1.6
4	☐	1250.000	1240.688	278646.82	2.4906	P	1.5
5	☐	2500.000	2440.310	531371.00	4.8977	P	0.9
6	☐	5000.000	5386.145	1024904.99	10.8087	P	8.2
7	☐	10000.000	9821.840	1996445.39	19.7092	A	1.2
8	☐			1923.48	0.0190	P	4.0

$$y = 0.0020 * x + 0.0011$$

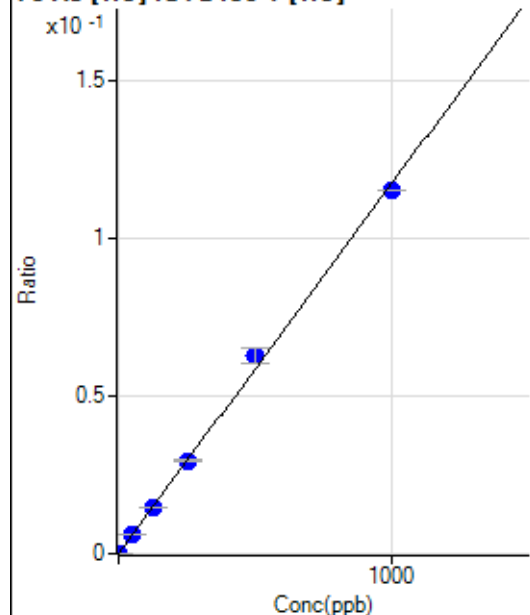
$$R = 0.9989$$

$$DL = 0.1935$$

$$BEC = 0.5652$$

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	1.33	0.0000	P	42.4
2	☐	1.000	1.114	132.01	0.0001	P	3.3
3	☐	50.000	52.508	6050.91	0.0062	P	1.5
4	☐	125.000	126.742	14158.84	0.0149	P	0.8
5	☐	250.000	250.474	27020.10	0.0294	P	2.3
6	☐	500.000	536.695	52271.96	0.0630	P	8.0
7	☐	1000.000	981.191	100662.81	0.1152	P	0.1
8	☐			40.00	0.0000	P	7.5

$$y = 1.1739E-004 * x + 1.3539E-006$$

$$R = 0.9990$$

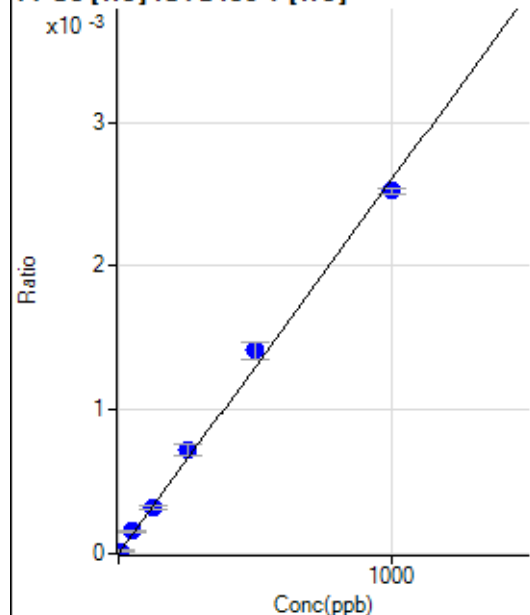
$$DL = 0.01468$$

$$BEC = 0.01153$$

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	6.419	16.67	0.0000	P	71.9
3	☐	50.000	59.301	151.11	0.0002	P	8.5
4	☐	125.000	123.673	305.56	0.0003	P	11.8
5	☐	250.000	278.129	664.47	0.0007	P	11.7
6	☐	500.000	543.425	1170.06	0.0014	P	9.2
7	☐	1000.000	970.949	2203.53	0.0025	P	1.8
8	☐			7.78	0.0000	P	107.9

$$y = 2.5968\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9981$$

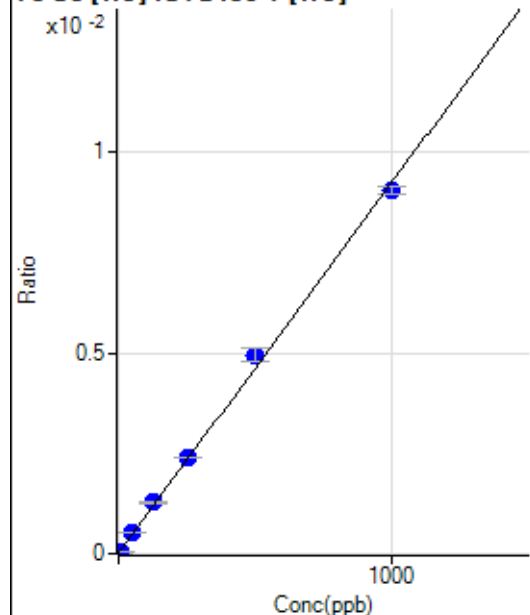
$$DL = 0$$

$$BEC = 0$$

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	14.33	0.0000	P	21.7
2	☐	5.000	5.223	62.68	0.0001	P	6.1
3	☐	50.000	55.071	512.73	0.0005	P	2.7
4	☐	125.000	137.009	1216.18	0.0013	P	1.9
5	☐	250.000	256.959	2191.40	0.0024	P	0.9
6	☐	500.000	536.052	4116.02	0.0050	P	6.9
7	☐	1000.000	978.478	7899.35	0.0090	P	2.0
8	☐			63.01	0.0001	P	11.9

$$y = 9.2226\text{E-}006 * x + 1.4573\text{E-}005$$

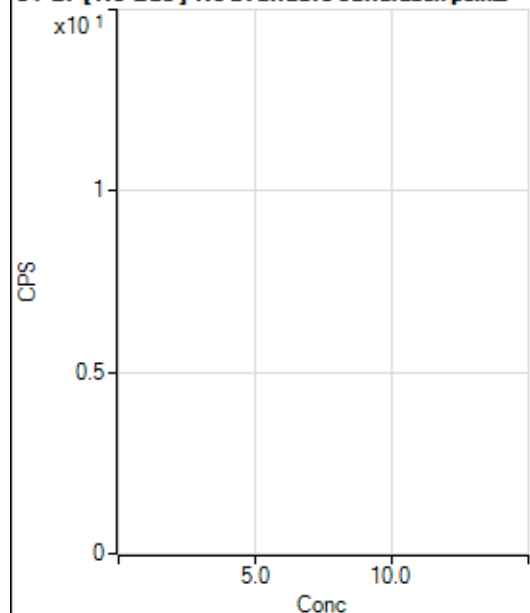
$$R = 0.9990$$

$$DL = 1.028$$

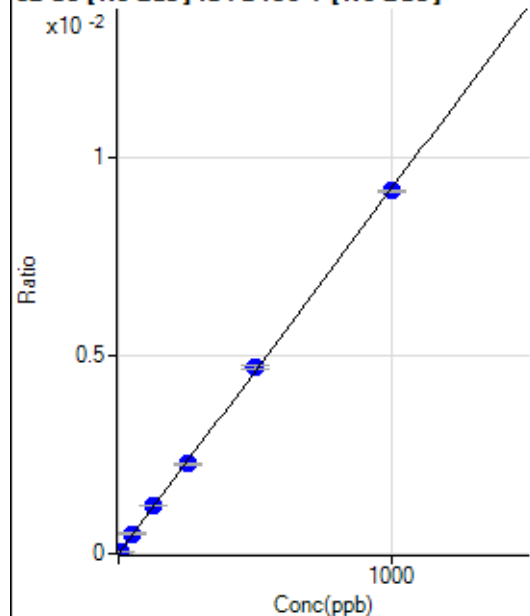
$$BEC = 1.58$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3970.12		P	3.2
2	☐			4423.04		P	3.1
3	☐			4103.51		P	9.1
4	☐			3611.68		P	6.3
5	☐			3606.12		P	1.3
6	☐			3183.78		P	6.0
7	☐			2986.52		P	9.1
8	☐			4064.61		P	11.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-15.41	0.0000	P	-185.
2	☐	5.000	5.449	425.38	0.0000	P	11.9
3	☐	50.000	55.091	4548.17	0.0005	P	2.8
4	☐	125.000	131.992	10645.38	0.0012	P	1.0
5	☐	250.000	246.987	20253.20	0.0023	P	2.4
6	☐	500.000	511.304	38901.79	0.0047	P	2.5
7	☐	1000.000	993.970	74790.67	0.0092	P	0.3
8	☐			385.38	0.0000	P	6.6

$$y = 9.2289E-006 * x - 1.6759E-006$$

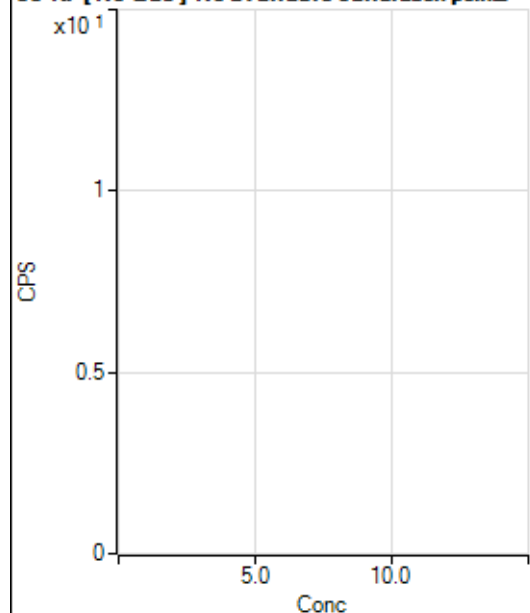
$$R = 0.9999$$

$$DL = 1.011$$

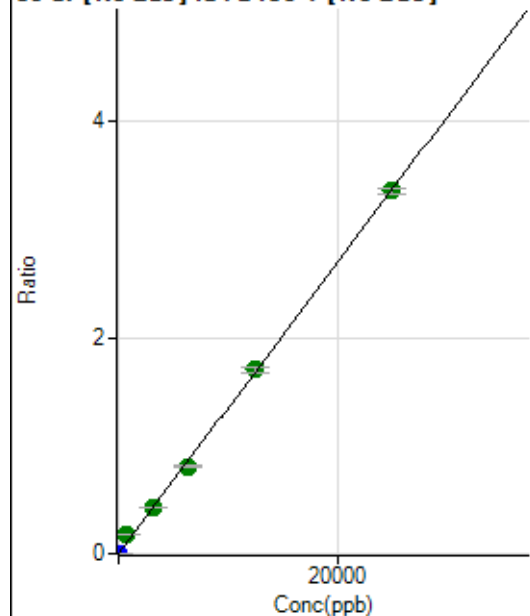
$$BEC = -0.1816$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			236.22		P	3.5
2	☐			236.22		P	10.6
3	☐			228.73		P	12.6
4	☐			216.64		P	10.2
5	☐			214.56		P	5.0
6	☐			218.31		P	1.4
7	☐			219.14		P	9.1
8	☐			207.06		P	14.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	436.13	0.0000	P	6.0
2	☐	1.000	0.946	1547.35	0.0002	P	5.0
3	☐	625.000	1317.295	1592019.61	0.1774	A	2.9
4	☐	3125.000	3188.803	3756652.90	0.4293	A	1.0
5	☐	6250.000	5997.139	7178147.99	0.8073	A	2.3
6	☐	12500.000	12647.322	14036905.00	1.7024	A	3.5
7	☐	25000.000	24964.271	27405981.17	3.3604	A	1.6
8	☐			6482.72	0.0008	P	6.2

$$y = 1.3460E-004 * x + 4.9196E-005$$

$$R = 0.9995$$

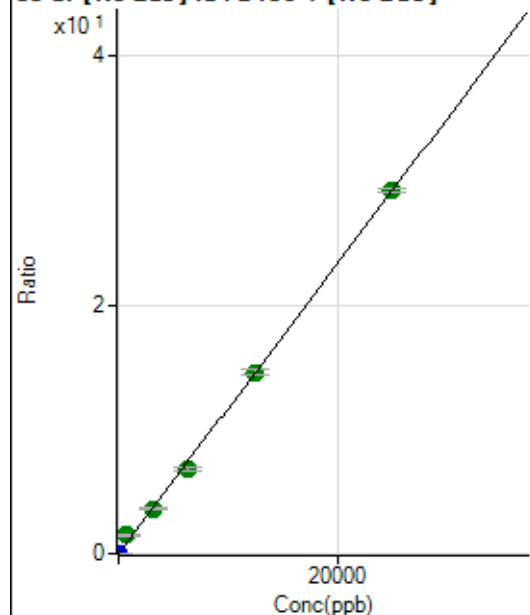
$$DL = 0.06556$$

$$BEC = 0.3655$$

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	375.01	0.0000	P	18.5
2	☐	1.000	0.984	10404.24	0.0012	P	4.1
3	☐	625.000	1270.688	13279960.71	1.4795	A	3.5
4	☐	3125.000	3117.441	31763177.79	3.6297	A	1.1
5	☐	6250.000	5881.012	60880539.56	6.8473	A	4.1
6	☐	12500.000	12532.328	120323195.7	14.5915	A	3.1
7	☐	25000.000	25060.886	237955019.2	29.1785	A	1.0
8	☐			52912.61	0.0069	P	13.3

$$y = 0.0012 * x + 4.2237E-005$$

$$R = 0.9995$$

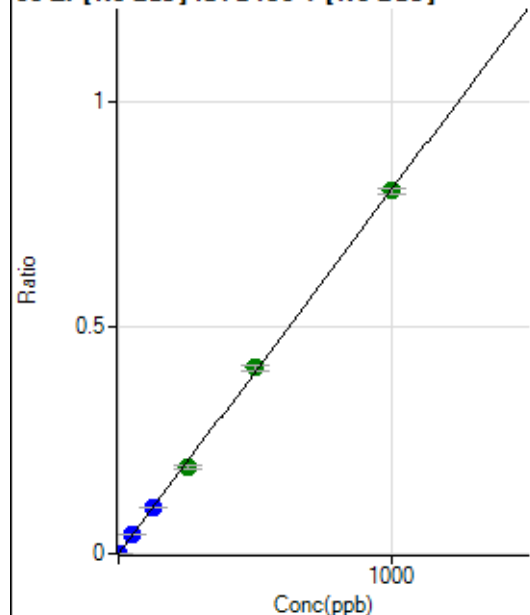
$$DL = 0.02014$$

$$BEC = 0.03628$$

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	338.90	0.0000	P	22.7
2	☐	1.000	0.895	6637.90	0.0008	P	3.8
3	☐	50.000	51.215	370091.81	0.0412	P	3.8
4	☐	125.000	126.828	893388.01	0.1021	P	1.0
5	☐	250.000	238.775	1708438.05	0.1921	A	3.5
6	☐	500.000	510.962	3390563.92	0.4111	A	2.5
7	☐	1000.000	997.036	6540725.15	0.8022	A	1.3
8	☐			3325.52	0.0004	P	3.3

$$y = 8.0455E-004 * x + 3.7986E-005$$

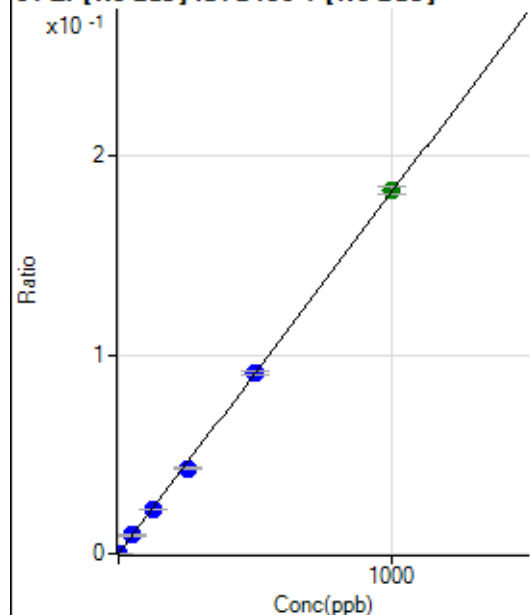
$$R = 0.9998$$

$$DL = 0.0322$$

$$BEC = 0.04721$$

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	55.56	0.0000	P	60.0
2	☐	1.000	0.934	1541.80	0.0002	P	8.8
3	☐	50.000	50.584	82606.29	0.0092	P	3.1
4	☐	125.000	123.412	196365.68	0.0224	P	1.5
5	☐	250.000	235.773	381136.35	0.0429	P	3.3
6	☐	500.000	499.286	748603.33	0.0908	P	2.2
7	☐	1000.000	1004.083	1488242.20	0.1825	A	2.2
8	☐			775.05	0.0001	P	2.5

$$y = 1.8178\text{E-}004 * x + 6.3283\text{E-}006$$

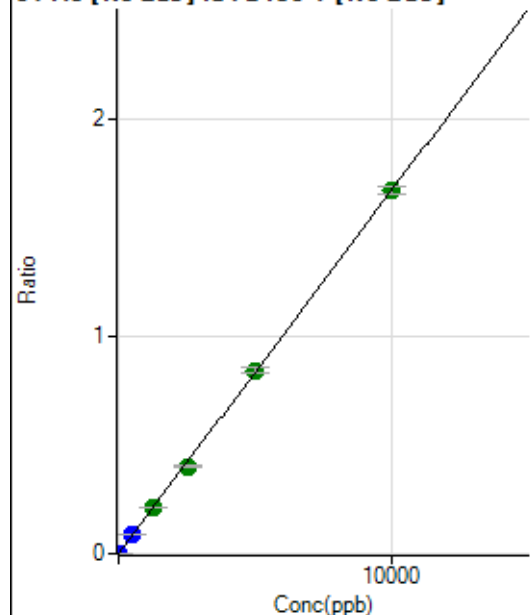
$$R = 0.9999$$

$$DL = 0.06263$$

$$BEC = 0.03481$$

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	141.67	0.0000	P	19.6
2	☐	5.000	5.502	8188.72	0.0009	P	1.7
3	☐	500.000	518.966	777946.69	0.0867	P	2.7
4	☐	1250.000	1271.816	1858391.01	0.2124	A	1.6
5	☐	2500.000	2409.127	3576696.74	0.4023	A	1.8
6	☐	5000.000	5052.770	6957540.34	0.8436	A	2.5
7	☐	10000.000	9992.658	13606780.69	1.6684	A	1.9
8	☐			4420.45	0.0006	P	16.9

$$y = 1.6696\text{E-}004 * x + 1.6019\text{E-}005$$

$$R = 0.9999$$

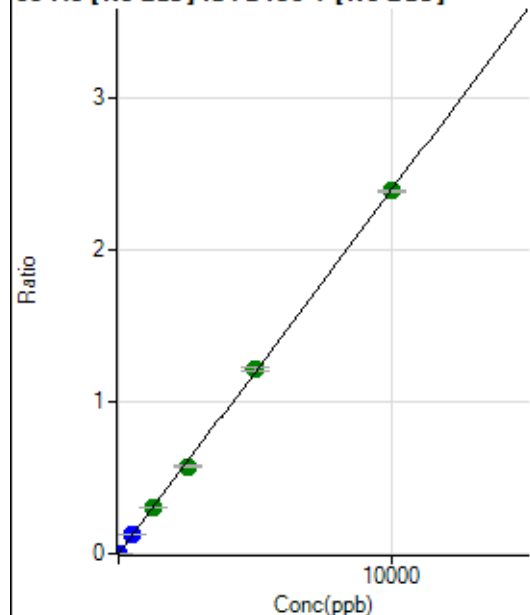
$$DL = 0.05655$$

$$BEC = 0.09594$$

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	22.22	0.0000	P	86.8
2	☐	5.000	4.861	10229.01	0.0012	P	4.3
3	☐	500.000	515.512	1109001.70	0.1236	P	3.8
4	☐	1250.000	1283.944	2693370.81	0.3078	A	1.1
5	☐	2500.000	2386.344	5086531.19	0.5720	A	2.1
6	☐	5000.000	5087.972	10059557.95	1.2196	A	2.2
7	☐	10000.000	9979.410	19506080.12	2.3922	A	0.4
8	☐			6591.68	0.0009	P	4.1

$$y = 2.3971\text{E-}004 * x + 2.5003\text{E-}006$$

$$R = 0.9999$$

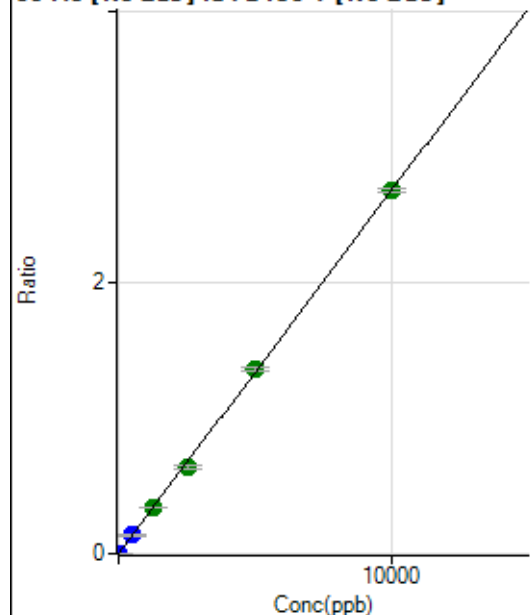
$$DL = 0.02715$$

$$BEC = 0.01043$$

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	44.44	0.0000	P	52.7
2	☐	5.000	4.729	11132.54	0.0013	P	2.0
3	☐	500.000	507.583	1219121.74	0.1358	P	3.8
4	☐	1250.000	1271.311	2977935.11	0.3402	A	2.0
5	☐	2500.000	2394.317	5697260.32	0.6408	A	3.6
6	☐	5000.000	5068.879	11187816.31	1.3566	A	2.4
7	☐	10000.000	9988.939	21799876.01	2.6733	A	0.9
8	☐			6694.20	0.0009	P	15.4

$$y = 2.6762\text{E-}004 * x + 4.9596\text{E-}006$$

$$R = 0.9999$$

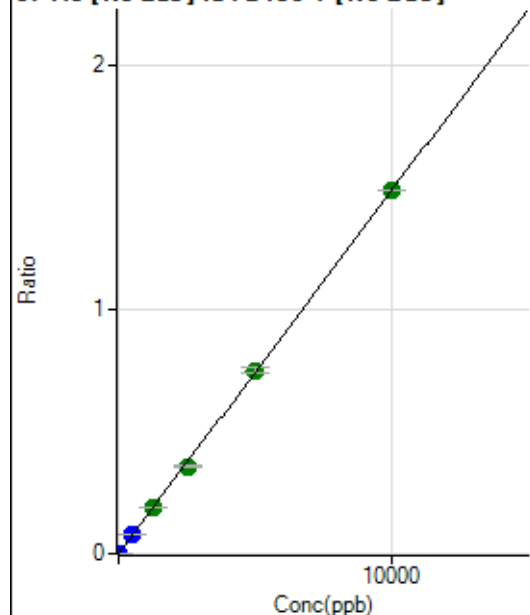
$$DL = 0.02932$$

$$BEC = 0.01853$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	113.5
2	☐	5.000	4.604	6012.56	0.0007	P	1.4
3	☐	500.000	517.023	690380.63	0.0769	P	4.0
4	☐	1250.000	1275.564	1660929.75	0.1898	A	1.2
5	☐	2500.000	2406.382	3183798.90	0.3581	A	2.2
6	☐	5000.000	5045.001	6190424.92	0.7507	A	2.9
7	☐	10000.000	9996.858	12129740.98	1.4875	A	0.1
8	☐			3589.53	0.0005	P	7.0

$$y = 1.4880\text{E-}004 * x + 1.2681\text{E-}006$$

$$R = 0.9999$$

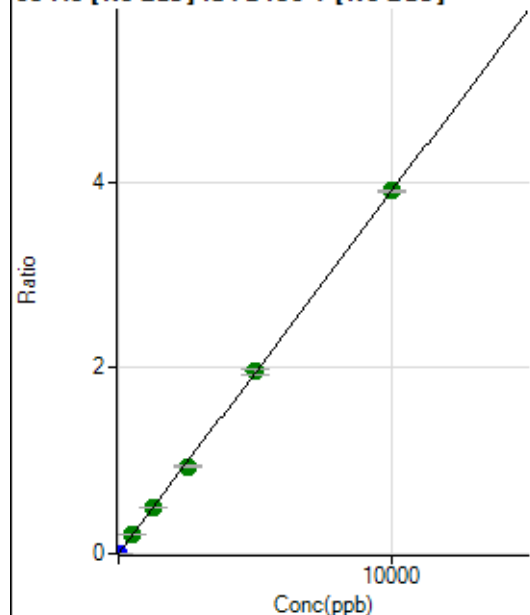
$$DL = 0.02902$$

$$BEC = 0.008522$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	37.1
2	☐	5.000	4.825	16471.32	0.0019	P	3.5
3	☐	500.000	517.251	1807612.63	0.2015	A	4.1
4	☐	1250.000	1267.590	4320746.49	0.4937	A	0.9
5	☐	2500.000	2392.158	8284853.92	0.9318	A	2.2
6	☐	5000.000	5019.099	16121208.00	1.9550	A	2.9
7	☐	10000.000	10014.349	31806218.42	3.9007	A	0.5
8	☐			9351.89	0.0012	P	17.7

$$y = 3.8951\text{E-}004 * x + 1.5787\text{E-}006$$

$$R = 0.9999$$

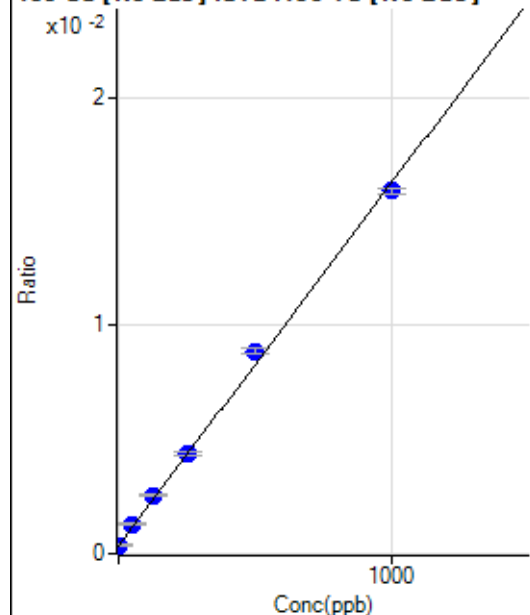
$$DL = 0.00451$$

$$BEC = 0.004053$$

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	2283.58	0.0003	P	8.2
2	☐	1.000	1.647	2464.18	0.0004	P	4.6
3	☐	50.000	59.428	8594.59	0.0013	P	4.1
4	☐	125.000	139.437	16710.62	0.0026	P	0.6
5	☐	250.000	254.608	29652.01	0.0044	P	4.3
6	☐	500.000	536.675	56901.73	0.0089	P	3.3
7	☐	1000.000	978.234	104341.76	0.0159	P	1.9
8	☐			2230.80	0.0004	P	3.0

$$y = 1.5887\text{E-}005 * x + 3.4757\text{E-}004$$

$$R = 0.9989$$

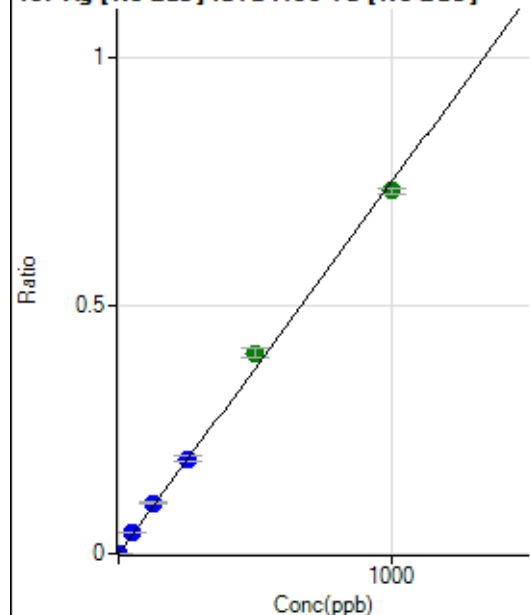
$$DL = 5.385$$

$$BEC = 21.88$$

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	61.11	0.0000	P	54.5
2	☐	1.000	1.084	5406.76	0.0008	P	4.6
3	☐	50.000	56.364	280775.74	0.0422	P	1.4
4	☐	125.000	136.552	666172.74	0.1022	P	1.3
5	☐	250.000	254.225	1283845.23	0.1902	P	6.1
6	☐	500.000	540.120	2590851.64	0.4042	A	4.3
7	☐	1000.000	977.121	4802474.85	0.7312	A	1.3
8	☐			1025.07	0.0002	P	9.8

$$y = 7.4831\text{E-}004 * x + 9.2578\text{E-}006$$

$$R = 0.9987$$

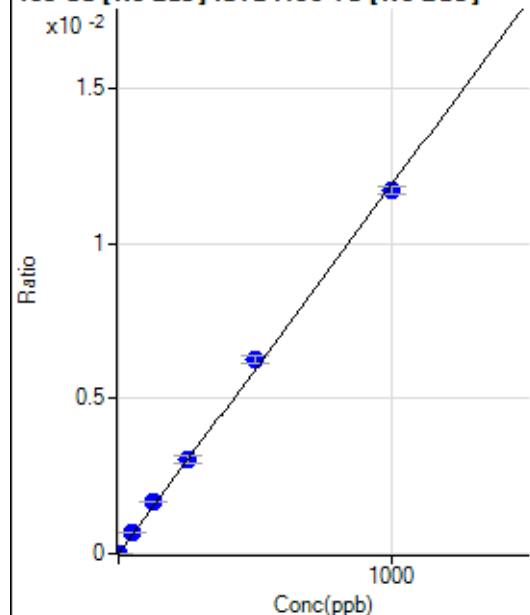
$$DL = 0.02024$$

$$BEC = 0.01237$$

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	15.28	0.0000	P	42.2
2	☐	1.000	0.917	87.50	0.0000	P	25.3
3	☐	50.000	56.614	4489.69	0.0007	P	6.9
4	☐	125.000	139.340	10804.33	0.0017	P	1.6
5	☐	250.000	254.873	20444.50	0.0030	P	6.9
6	☐	500.000	524.758	39974.50	0.0062	P	4.1
7	☐	1000.000	984.280	76788.75	0.0117	P	2.0
8	☐			100.00	0.0000	P	13.6

$$y = 1.1878\text{E-}005 * x + 2.3343\text{E-}006$$

$$R = 0.9995$$

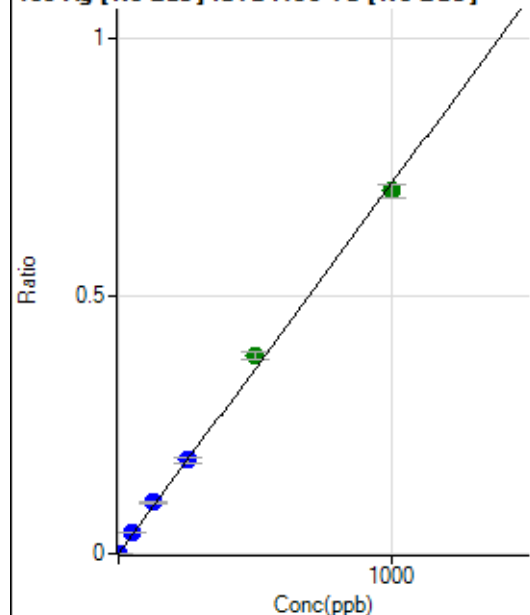
$$DL = 0.2487$$

$$BEC = 0.1965$$

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	33.34	0.0000	P	42.1
2	☐	1.000	1.058	5039.97	0.0008	P	1.0
3	☐	50.000	56.225	268482.07	0.0403	P	1.4
4	☐	125.000	137.960	645377.82	0.0990	P	0.9
5	☐	250.000	252.307	1222055.64	0.1810	P	5.2
6	☐	500.000	533.460	2453905.33	0.3828	A	4.0
7	☐	1000.000	980.762	4620474.28	0.7037	A	4.0
8	☐			908.39	0.0001	P	9.5

$$y = 7.1754\text{E-}004 * x + 5.0499\text{E-}006$$

$$R = 0.9991$$

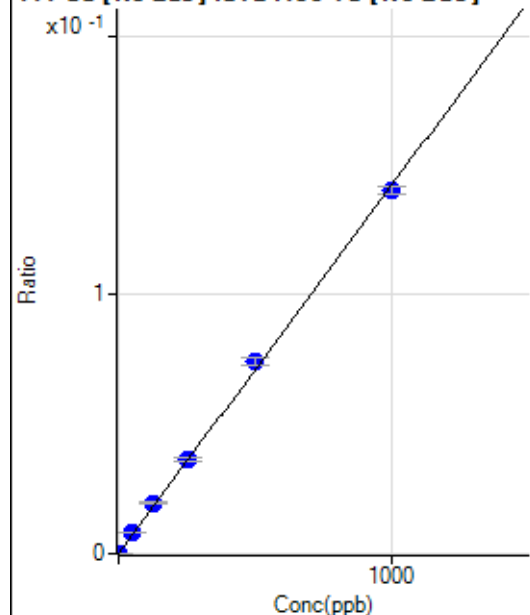
$$DL = 0.008888$$

$$BEC = 0.007038$$

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	113.21	0.0000	P	8.3
2	☐	1.000	1.188	1227.30	0.0002	P	8.5
3	☐	50.000	56.146	53288.17	0.0080	P	0.3
4	☐	125.000	137.703	127855.11	0.0196	P	1.3
5	☐	250.000	254.753	244822.96	0.0363	P	5.2
6	☐	500.000	522.973	477280.39	0.0744	P	3.4
7	☐	1000.000	985.430	920970.36	0.1403	P	2.0
8	☐			559.61	0.0001	P	12.3

$$y = 1.4231E-004 * x + 1.7221E-005$$

$$R = 0.9995$$

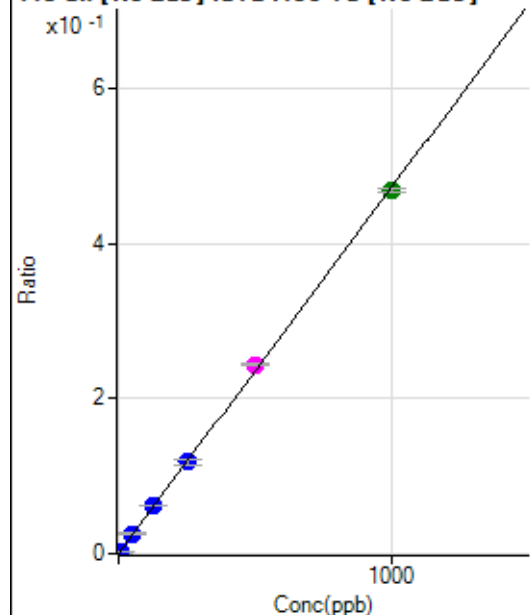
$$DL = 0.03015$$

$$BEC = 0.121$$

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	661.14	0.0001	P	1.8
2	☐	5.000	4.984	16212.76	0.0025	P	1.3
3	☐	50.000	54.890	173333.10	0.0261	P	1.7
4	☐	125.000	132.146	407965.01	0.0626	P	0.6
5	☐	250.000	249.440	796486.45	0.1180	P	6.5
6	☐	500.000	515.960	1565545.77	0.2440	M	1.5
7	☐	1000.000	991.022	3077938.68	0.4686	A	1.0
8	☐			2475.33	0.0004	P	8.2

$$y = 4.7276E-004 * x + 1.0066E-004$$

$$R = 0.9998$$

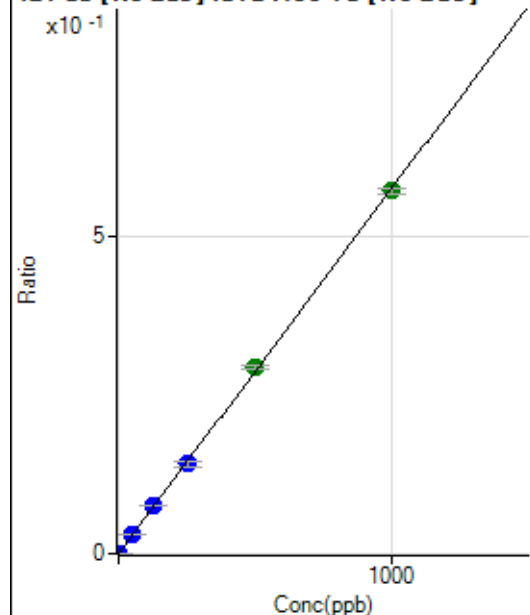
$$DL = 0.01156$$

$$BEC = 0.2129$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	115.1
2	☐	2.000	1.951	7396.62	0.0011	P	4.9
3	☐	50.000	52.268	199674.99	0.0300	P	2.0
4	☐	125.000	129.673	485362.62	0.0744	P	0.2
5	☐	250.000	247.188	957689.09	0.1419	P	6.1
6	☐	500.000	511.507	1883194.10	0.2936	A	2.9
7	☐	1000.000	994.252	3748488.67	0.5708	A	1.9
8	☐			2139.14	0.0003	P	5.8

$$y = 5.7408\text{E-}004 * x + 1.6800\text{E-}006$$

$$R = 0.9999$$

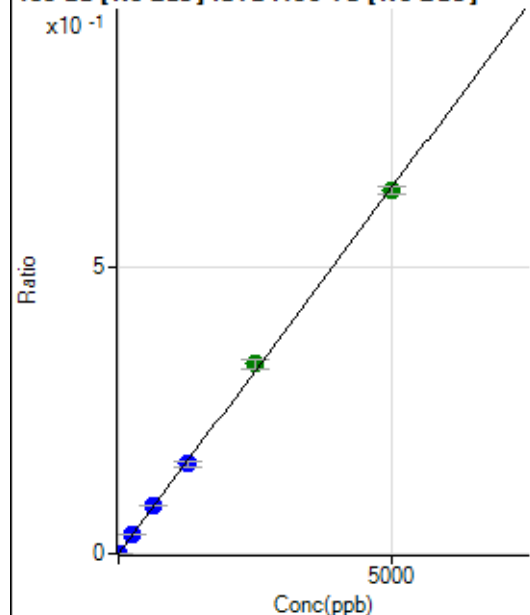
$$DL = 0.01011$$

$$BEC = 0.002926$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	67.5
2	☐	10.000	9.594	8088.74	0.0012	P	3.5
3	☐	250.000	264.056	223877.42	0.0336	P	2.0
4	☐	625.000	645.253	535857.63	0.0822	P	0.3
5	☐	1250.000	1222.265	1050726.76	0.1557	P	5.7
6	☐	2500.000	2589.540	2115085.96	0.3298	A	5.4
7	☐	5000.000	4958.930	4147869.36	0.6316	A	2.3
8	☐			2861.64	0.0005	P	5.9

$$y = 1.2737\text{E-}004 * x + 4.6101\text{E-}006$$

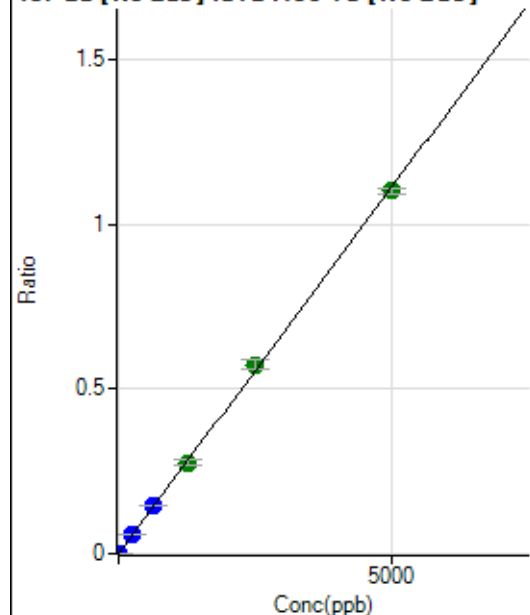
$$R = 0.9997$$

$$DL = 0.07332$$

$$BEC = 0.03619$$

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	83.34	0.0000	P	2.1
2	☐	10.000	9.798	14472.01	0.0022	P	4.4
3	☐	250.000	269.617	399706.91	0.0601	P	1.3
4	☐	625.000	662.153	961682.57	0.1475	P	0.6
5	☐	1250.000	1245.423	1872383.38	0.2774	A	4.9
6	☐	2500.000	2585.438	3690785.28	0.5758	A	5.9
7	☐	5000.000	4952.801	7243943.22	1.1031	A	1.8
8	☐			5031.79	0.0008	P	5.8

$$y = 2.2272E-004 * x + 1.2695E-005$$

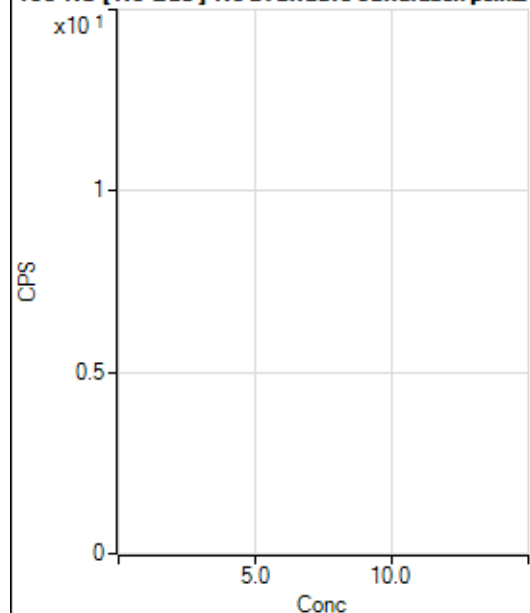
$$R = 0.9998$$

$$DL = 0.003543$$

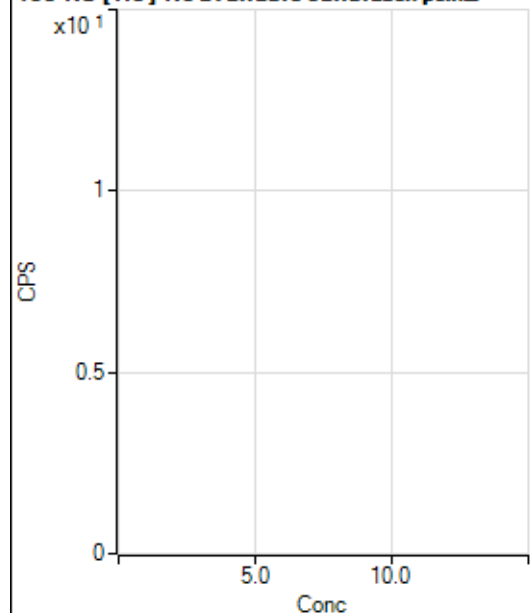
$$BEC = 0.057$$

Weight: <None>

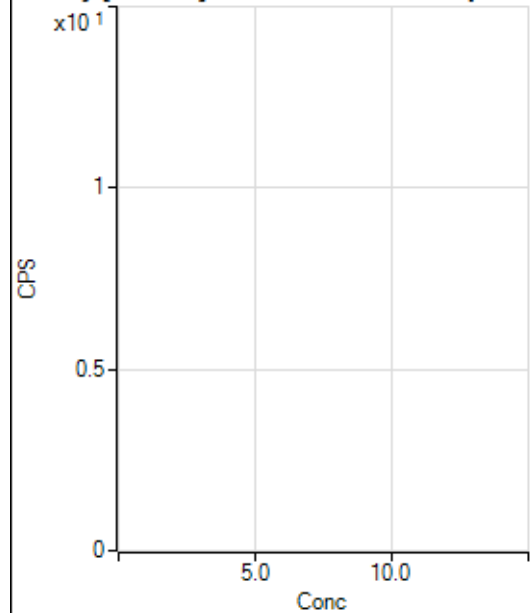
Min Conc: 0

150 Nd [No Gas] No available calibration points

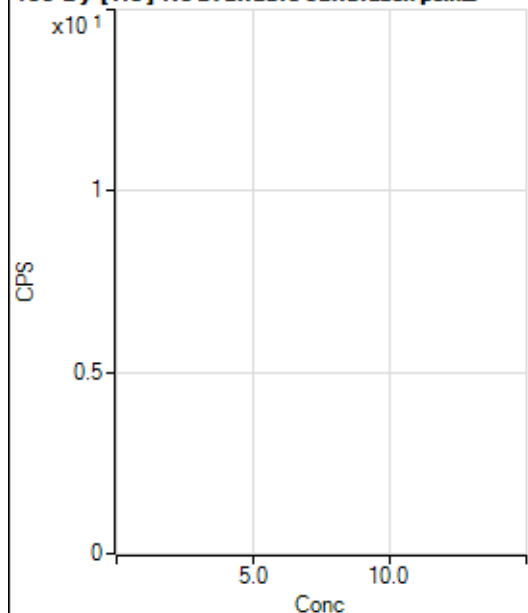
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			6.67		P	100.0
3	☐			24.44		P	31.5
4	☐			60.00		P	40.1
5	☐			57.78		P	29.0
6	☐			155.56		P	4.9
7	☐			231.12		P	1.7
8	☐			124.45		P	15.5

150 Nd [He] No available calibration points

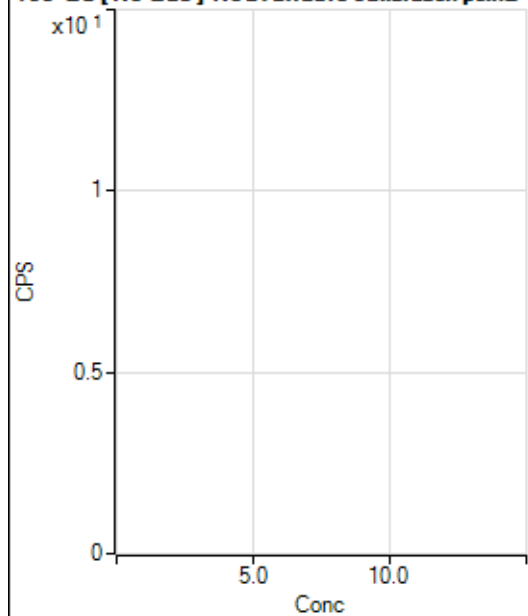
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			3.33		P	100.1
4	☐			4.44		P	43.4
5	☐			10.00		P	57.7
6	☐			26.67		P	37.5
7	☐			55.55		P	6.9
8	☐			51.11		P	29.4

156 Dy [No Gas] No available calibration points

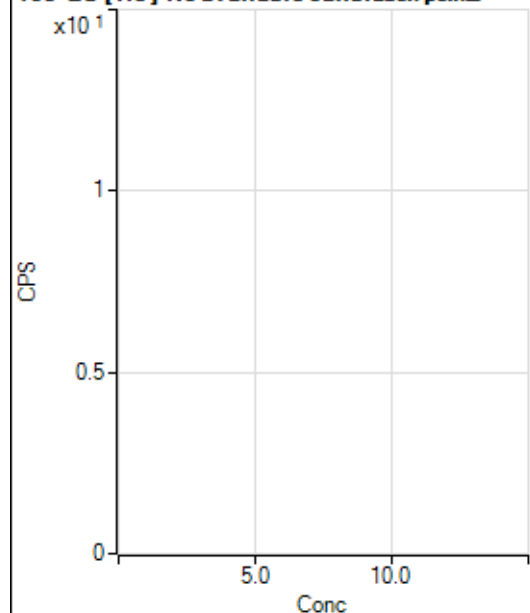
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐			11.11		P	114.6
3	☐			11.11		P	43.3
4	☐			36.11		P	13.3
5	☐			61.11		P	67.3
6	☐			127.78		P	15.1
7	☐			238.90		P	20.4
8	☐			886.16		P	12.4

156 Dy [He] No available calibration points

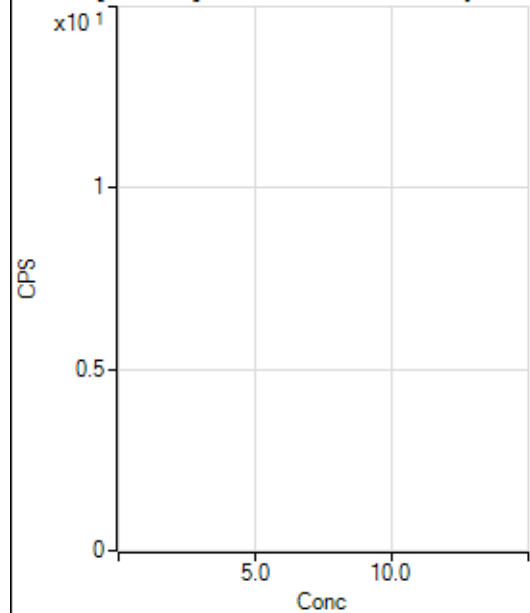
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			2.22		P	86.6
3	☐			8.89		P	57.3
4	☐			23.33		P	51.5
5	☐			50.00		P	24.0
6	☐			76.66		P	27.2
7	☐			125.56		P	15.6
8	☐			402.23		P	2.4

160 Gd [No Gas] Noavailable calibration poin_

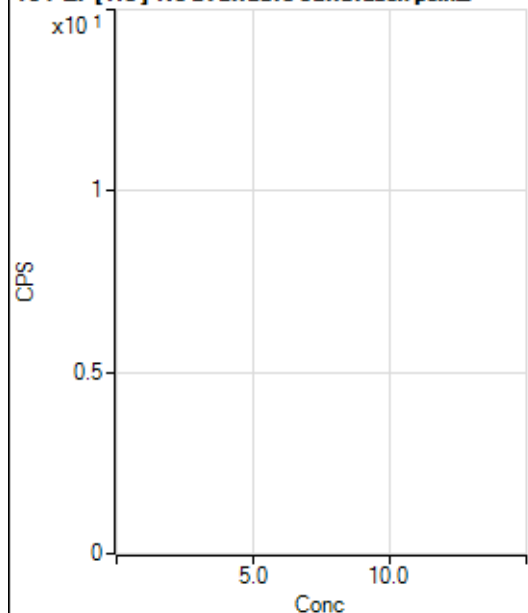
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐			55.55		P	37.8
3	☐			61.11		P	56.8
4	☐			66.67		P	37.5
5	☐			102.78		P	40.0
6	☐			169.45		P	35.6
7	☐			341.68		P	23.5
8	☐			963.96		P	11.4

160 Gd [He] No available calibration points

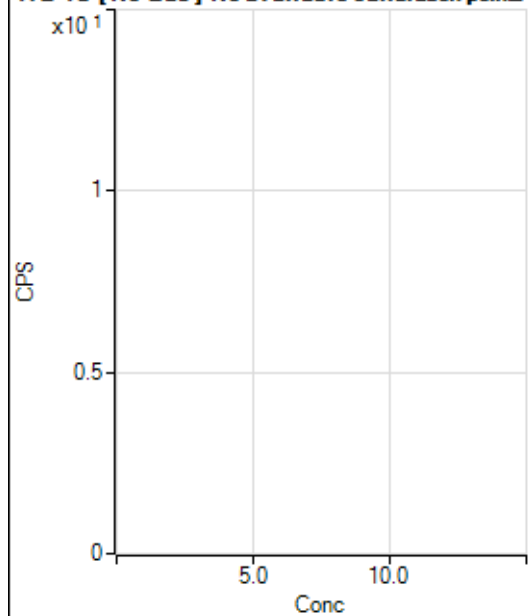
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.44		P	6.8
2	☐			68.89		P	24.8
3	☐			97.78		P	16.1
4	☐			82.22		P	16.4
5	☐			97.78		P	8.6
6	☐			148.89		P	11.0
7	☐			182.23		P	5.3
8	☐			550.02		P	10.0

164 Er [No Gas] No available calibration points

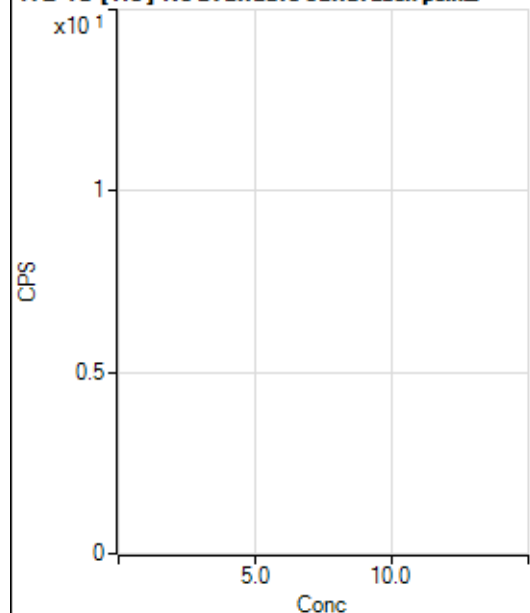
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	0.0
2	☐			47.22		P	27.0
3	☐			61.11		P	31.5
4	☐			61.11		P	64.4
5	☐			97.22		P	21.6
6	☐			94.45		P	39.8
7	☐			161.11		P	19.6
8	☐			130.56		P	9.8

164 Er [He] No available calibration points

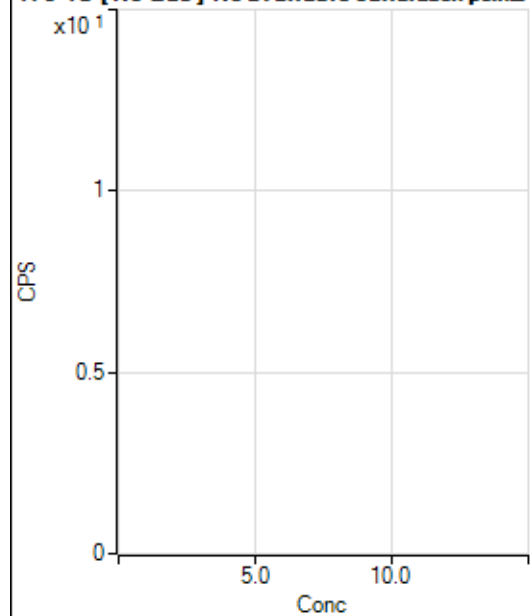
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	34.6
2	☐			20.00		P	28.9
3	☐			18.89		P	10.2
4	☐			40.00		P	30.0
5	☐			28.89		P	48.0
6	☐			31.11		P	32.7
7	☐			62.22		P	29.5
8	☐			63.33		P	13.9

172 Yb [No Gas] No available calibration points

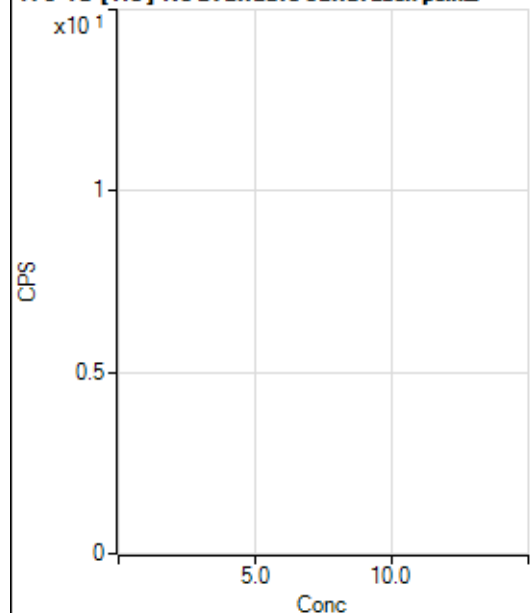
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	75.3
2	☐			33.33		P	25.0
3	☐			66.67		P	12.5
4	☐			75.00		P	11.1
5	☐			86.11		P	20.1
6	☐			119.45		P	4.0
7	☐			186.12		P	14.4
8	☐			122.23		P	34.3

172 Yb [He] No available calibration points

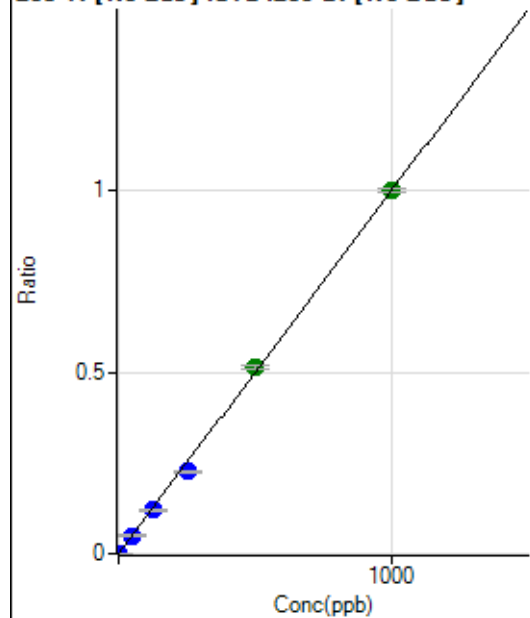
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.92		P	24.7
2	☐			27.78		P	20.0
3	☐			29.63		P	57.3
4	☐			22.22		P	66.1
5	☐			37.04		P	37.8
6	☐			66.67		P	16.7
7	☐			96.30		P	8.8
8	☐			48.15		P	43.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			727.82		P	25.6
2	☐			766.72		P	12.2
3	☐			1750.16		P	7.7
4	☐			3161.57		P	7.7
5	☐			5234.51		P	6.6
6	☐			10084.70		P	3.4
7	☐			19581.62		P	3.9
8	☐			755.60		P	7.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6094.11		P	3.5
2	☐			5801.38		P	1.8
3	☐			6021.85		P	3.7
4	☐			6455.41		P	1.3
5	☐			7596.76		P	4.0
6	☐			8723.42		P	5.9
7	☐			13379.20		P	2.1
8	☐			5306.71		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.56	0.0000	P	36.4
2	☐	1.000	0.894	4145.21	0.0009	P	0.8
3	☐	50.000	49.982	226474.98	0.0500	P	1.7
4	☐	125.000	121.329	545396.21	0.1214	P	4.2
5	☐	250.000	226.878	1068259.02	0.2269	P	2.8
6	☐	500.000	513.118	2232225.25	0.5132	A	2.8
7	☐	1000.000	999.681	4363559.38	0.9997	A	1.1
8	☐			1266.78	0.0003	P	7.5

$$y = 0.0010 * x + 2.9191E-005$$

$$R = 0.9996$$

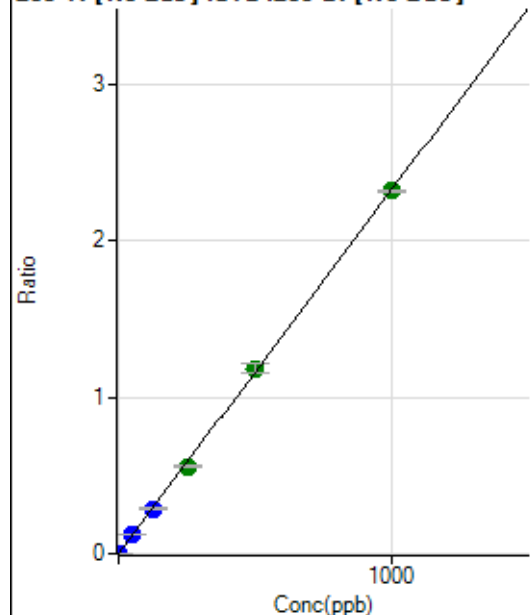
$$DL = 0.03184$$

$$BEC = 0.02919$$

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	277.79	0.0001	P	11.3
2	☐	1.000	0.975	10460.07	0.0023	P	5.9
3	☐	50.000	51.055	538234.40	0.1188	P	0.9
4	☐	125.000	123.770	1294534.91	0.2880	P	3.6
5	☐	250.000	239.849	2627449.67	0.5581	A	3.0
6	☐	500.000	510.144	5160881.15	1.1870	A	4.4
7	☐	1000.000	997.567	10131071.23	2.3210	A	0.7
8	☐			2992.20	0.0008	P	6.6

$$y = 0.0023 * x + 6.1912E-005$$

$$R = 0.9999$$

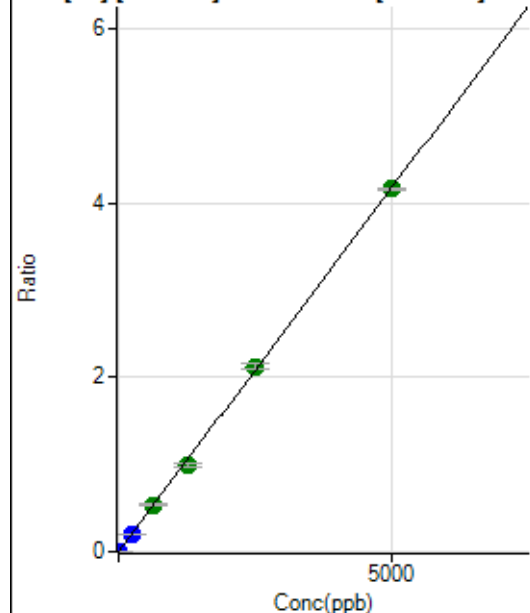
$$DL = 0.009004$$

$$BEC = 0.02661$$

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	714.85	0.0002	P	8.1
2	☐	1.000	0.887	4032.19	0.0009	P	6.0
3	☐	250.000	245.294	926768.73	0.2046	P	1.1
4	☐	625.000	642.607	2409547.48	0.5358	A	1.9
5	☐	1250.000	1194.079	4686154.91	0.9955	A	3.7
6	☐	2500.000	2544.493	9226512.94	2.1211	A	3.0
7	☐	5000.000	4989.768	18158689.53	4.1594	A	0.9
8	☐			9564.92	0.0025	P	3.1

$$y = 8.3355E-004 * x + 1.5954E-004$$

$$R = 0.9999$$

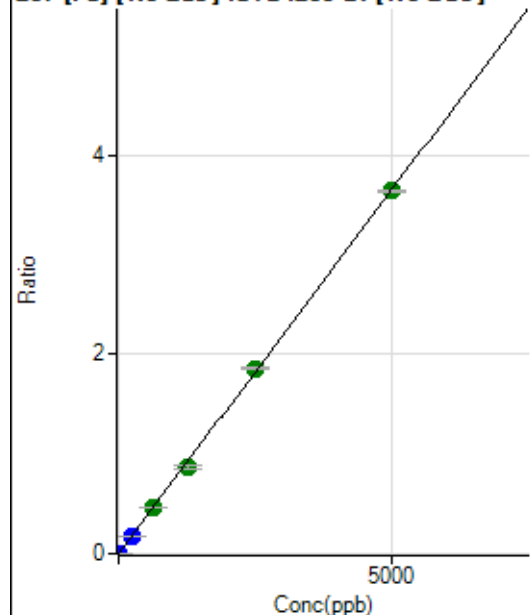
$$DL = 0.04637$$

$$BEC = 0.1914$$

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	631.51	0.0001	P	11.6
2	☐	1.000	0.872	3489.41	0.0008	P	1.9
3	☐	250.000	244.132	807320.01	0.1783	P	1.7
4	☐	625.000	633.941	2081304.46	0.4627	A	0.9
5	☐	1250.000	1186.602	4076764.93	0.8660	A	3.5
6	☐	2500.000	2550.555	8099307.59	1.8613	A	1.7
7	☐	5000.000	4989.748	15895811.35	3.6412	A	0.4
8	☐			8580.70	0.0022	P	10.7

$$y = 7.2972\text{E-}004 * x + 1.4066\text{E-}004$$

$$R = 0.9998$$

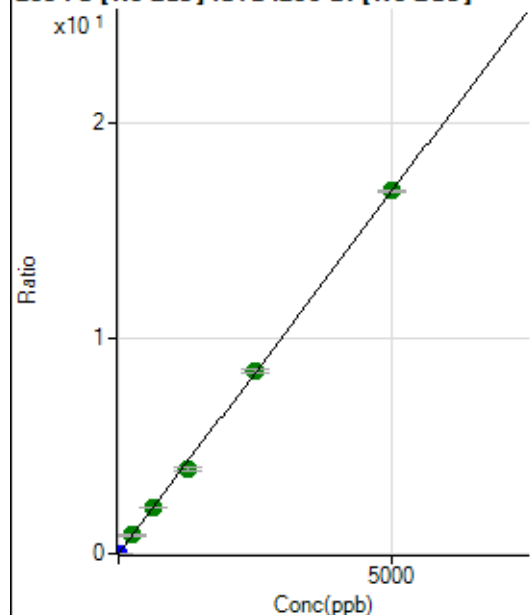
$$DL = 0.06695$$

$$BEC = 0.1928$$

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	2764.98	0.0006	P	4.1
2	☐	1.000	0.888	16154.26	0.0036	P	2.6
3	☐	250.000	253.016	3851298.67	0.8505	A	2.2
4	☐	625.000	634.835	9591771.38	2.1329	A	1.6
5	☐	1250.000	1179.474	18650536.15	3.9623	A	4.6
6	☐	2500.000	2513.755	36735821.89	8.4439	A	2.5
7	☐	5000.000	5009.374	73452639.72	16.8262	A	0.6
8	☐			37778.02	0.0097	P	4.7

$$y = 0.0034 * x + 6.1665\text{E-}004$$

$$R = 0.9999$$

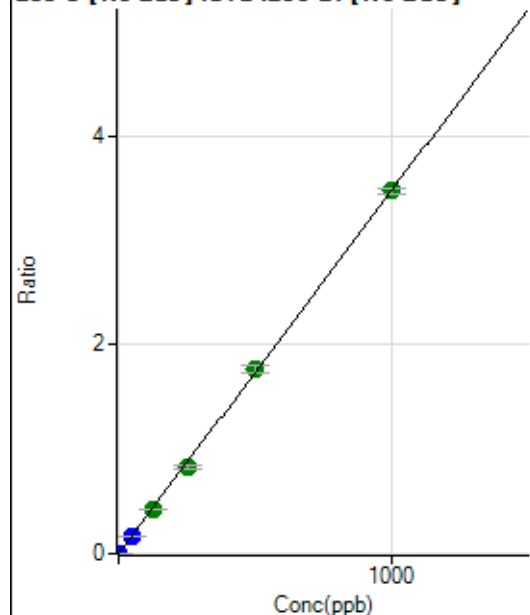
$$DL = 0.02246$$

$$BEC = 0.1836$$

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	19.44	0.0000	P	67.3
2	☐	1.000	0.928	14500.34	0.0032	P	1.3
3	☐	50.000	49.225	774170.77	0.1710	P	3.3
4	☐	125.000	123.150	1923487.22	0.4277	A	2.1
5	☐	250.000	238.404	3897527.17	0.8280	A	4.9
6	☐	500.000	506.803	7655212.59	1.7602	A	3.9
7	☐	1000.000	999.767	15156416.14	3.4724	A	1.5
8	☐			3232.12	0.0008	P	26.9

$$y = 0.0035 * x + 4.3549E-006$$

$$R = 0.9999$$

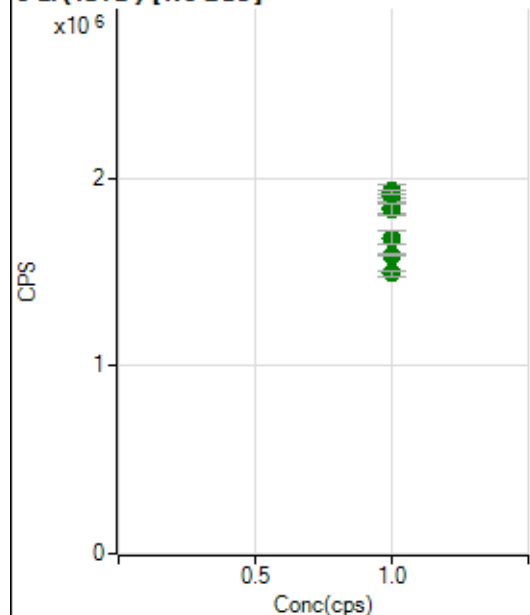
$$DL = 0.002531$$

$$BEC = 0.001254$$

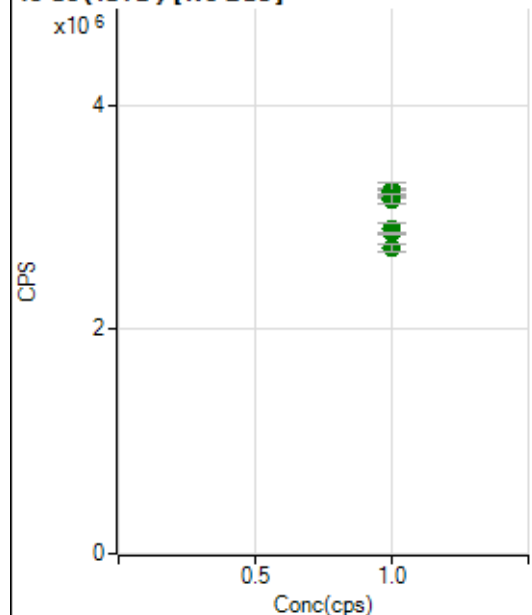
Weight: <None>

Min Conc: 0

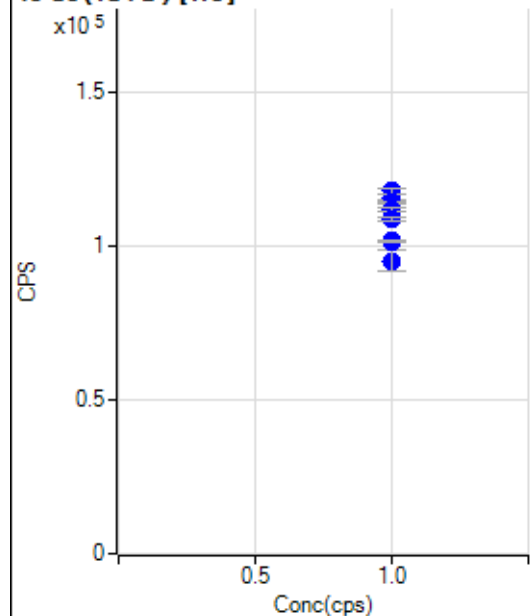
6 Li (ISTD) [No Gas]



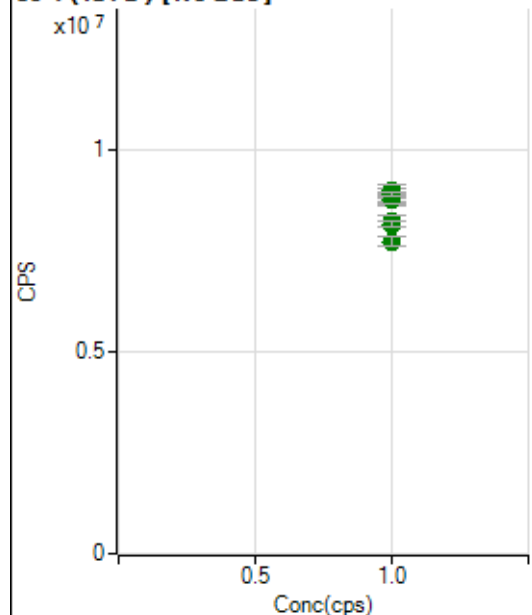
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1930446.48		A	3.5
2	☐	1.000		1898426.22		A	3.4
3	☐	1.000		1923664.74		A	1.2
4	☐	1.000		1842273.36		A	3.2
5	☐	1.000		1831363.45		A	3.1
6	☐	1.000		1679233.25		A	4.2
7	☐	1.000		1587992.70		A	0.6
8	☐	1.000		1490885.05		A	1.9

45 Sc (ISTD) [No Gas]

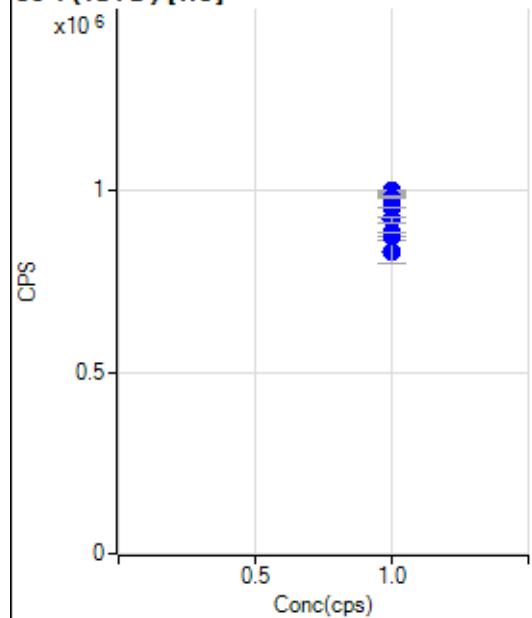
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3225536.83		A	1.8
2	☐	1.000		3204901.03		A	2.4
3	☐	1.000		3234584.50		A	4.3
4	☐	1.000		3151045.23		A	1.6
5	☐	1.000		3165309.15		A	2.4
6	☐	1.000		2901246.04		A	3.2
7	☐	1.000		2859637.84		A	0.8
8	☐	1.000		2723964.30		A	2.2

45 Sc (ISTD) [He]

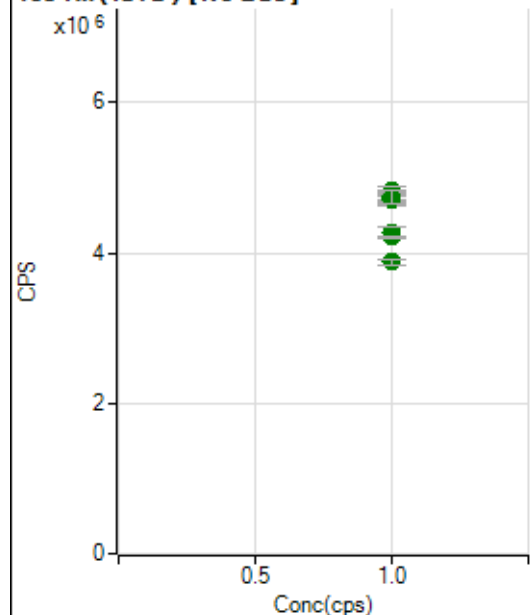
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		115671.21		P	1.4
2	☐	1.000		117815.37		P	1.4
3	☐	1.000		114135.39		P	0.4
4	☐	1.000		111888.90		P	1.1
5	☐	1.000		108500.49		P	1.2
6	☐	1.000		95181.01		P	6.9
7	☐	1.000		101300.76		P	0.7
8	☐	1.000		101505.91		P	0.6

89 Y (ISTD) [No Gas]

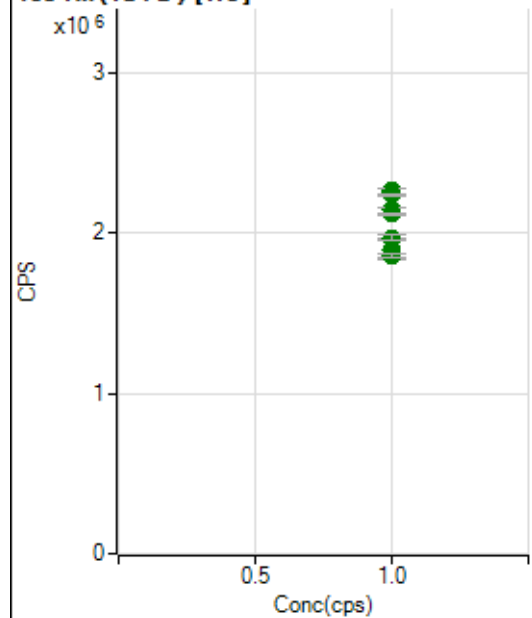
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8874168.34		A	3.7
2	☐	1.000		8761884.66		A	3.0
3	☐	1.000		8980295.63		A	3.4
4	☐	1.000		8752504.31		A	2.5
5	☐	1.000		8892528.69		A	1.0
6	☐	1.000		8251901.06		A	3.6
7	☐	1.000		8154408.70		A	1.5
8	☐	1.000		7726841.07		A	3.0

89 Y (ISTD) [He]

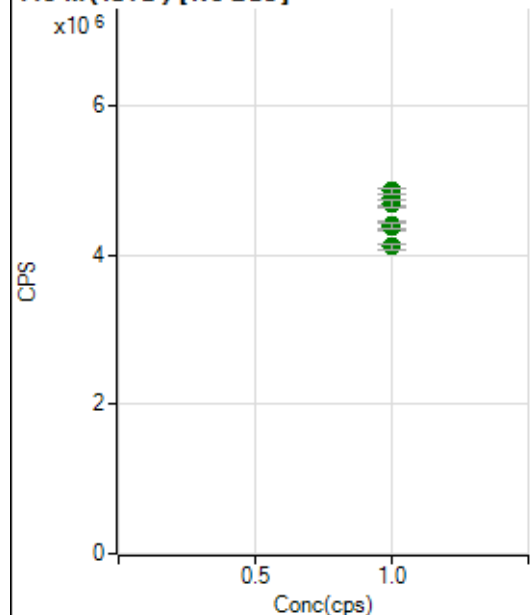
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		982682.10		P	1.0
2	☐	1.000		998909.00		P	0.2
3	☐	1.000		981416.98		P	0.6
4	☐	1.000		951520.90		P	0.1
5	☐	1.000		919056.66		P	1.4
6	☐	1.000		832879.17		P	7.4
7	☐	1.000		873902.50		P	0.5
8	☐	1.000		884138.38		P	0.1

103 Rh (ISTD) [No Gas]

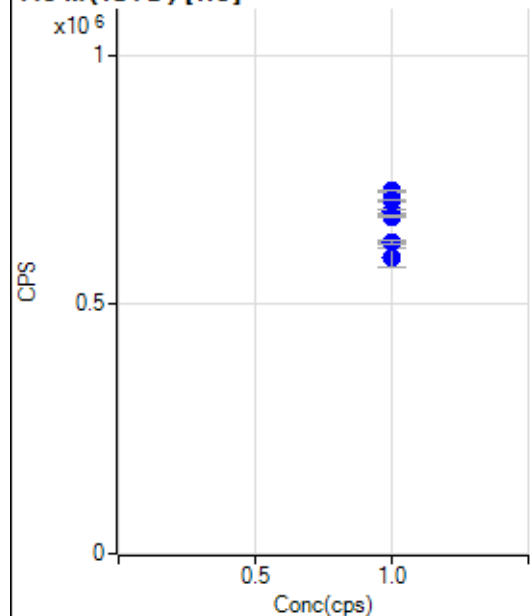
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4827180.49		A	2.2
2	☐	1.000		4739776.06		A	1.0
3	☐	1.000		4767748.89		A	3.1
4	☐	1.000		4708505.66		A	3.8
5	☐	1.000		4733831.27		A	3.8
6	☐	1.000		4277959.21		A	3.7
7	☐	1.000		4209690.20		A	1.1
8	☐	1.000		3884776.43		A	1.8

103 Rh (ISTD) [He]

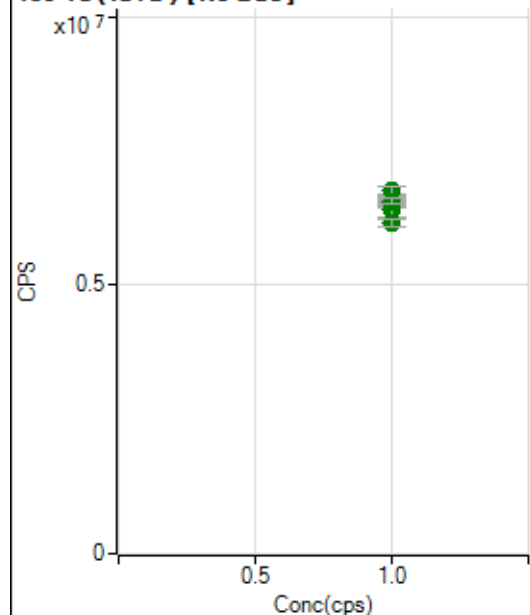
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2262809.31		A	1.8
2	☐	1.000		2260675.54		A	2.0
3	☐	1.000		2237502.56		A	0.7
4	☐	1.000		2142507.23		A	1.8
5	☐	1.000		2116964.80		A	1.0
6	☐	1.000		1899731.09		A	6.7
7	☐	1.000		1968717.64		A	2.0
8	☐	1.000		1857529.56		A	0.8

115 In (ISTD) [No Gas]

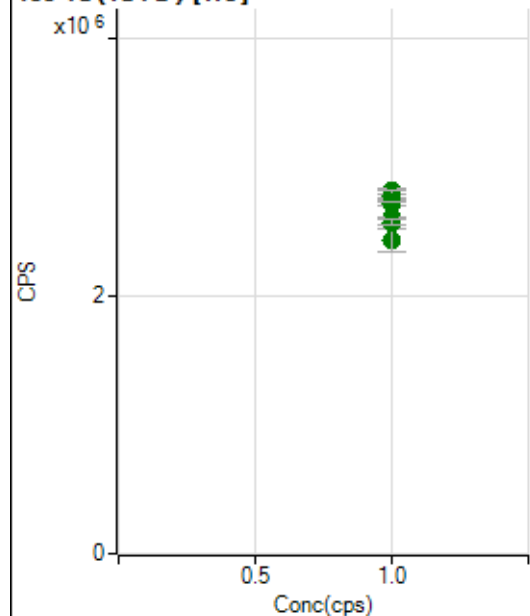
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4818783.14		A	2.9
2	☐	1.000		4739767.25		A	3.5
3	☐	1.000		4764164.84		A	5.6
4	☐	1.000		4682786.91		A	1.8
5	☐	1.000		4857167.99		A	1.7
6	☐	1.000		4391968.88		A	3.4
7	☐	1.000		4378412.82		A	1.8
8	☐	1.000		4108325.56		A	1.5

115 In (ISTD) [He]

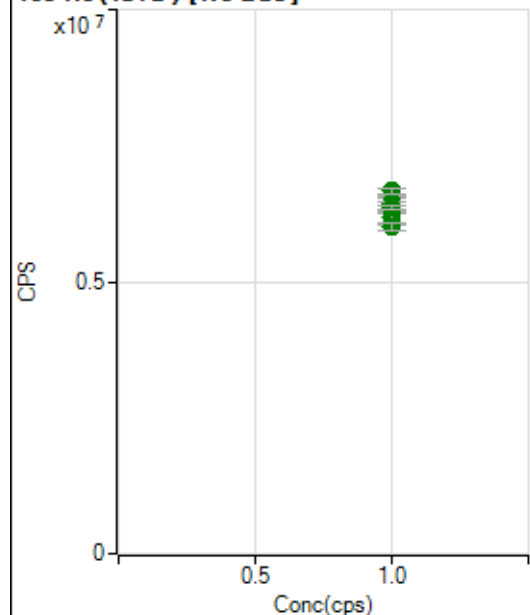
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		709386.34		P	0.3
2	☐	1.000		728436.76		P	0.6
3	☐	1.000		710523.76		P	0.4
4	☐	1.000		686084.20		P	1.0
5	☐	1.000		677483.19		P	1.1
6	☐	1.000		594623.52		P	6.0
7	☐	1.000		626450.05		P	0.7
8	☐	1.000		625499.93		P	0.7

159 Tb (ISTD) [No Gas]

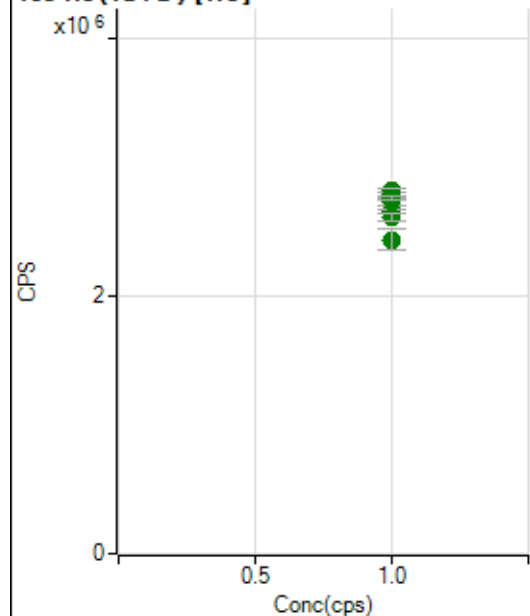
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6566527.75		A	2.1
2	☐	1.000		6599286.99		A	3.2
3	☐	1.000		6654838.86		A	1.5
4	☐	1.000		6519975.74		A	2.1
5	☐	1.000		6756145.04		A	2.9
6	☐	1.000		6417883.79		A	4.3
7	☐	1.000		6568081.08		A	1.7
8	☐	1.000		6162451.78		A	2.1

159 Tb (ISTD) [He]

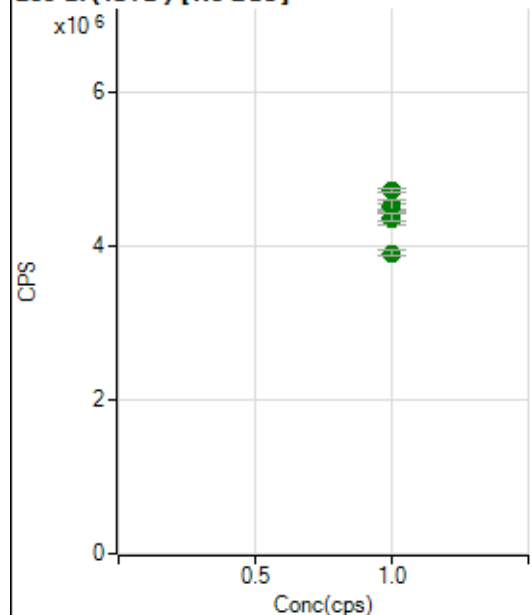
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2758087.74		A	0.5
2	☐	1.000		2817511.17		A	1.5
3	☐	1.000		2779542.08		A	3.1
4	☐	1.000		2719638.08		A	0.9
5	☐	1.000		2731487.46		A	0.4
6	☐	1.000		2433550.55		A	7.7
7	☐	1.000		2607841.30		A	0.3
8	☐	1.000		2575076.80		A	1.5

165 Ho (ISTD) [No Gas]

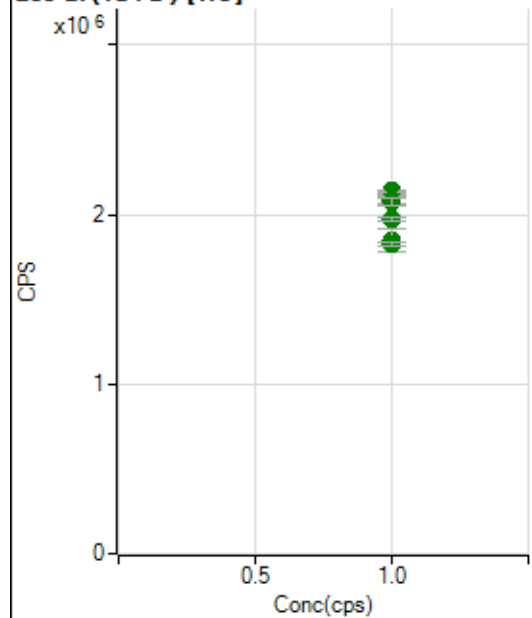
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6420835.56		A	3.7
2	☐	1.000		6442589.21		A	3.1
3	☐	1.000		6451156.78		A	3.6
4	☐	1.000		6356991.68		A	3.6
5	☐	1.000		6667999.37		A	1.5
6	☐	1.000		6182534.69		A	4.8
7	☐	1.000		6355695.37		A	1.0
8	☐	1.000		6012262.03		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2784367.18		A	0.9
2	☐	1.000		2811458.88		A	0.9
3	☐	1.000		2793818.54		A	2.3
4	☐	1.000		2724409.87		A	2.5
5	☐	1.000		2755820.34		A	1.3
6	☐	1.000		2435727.12		A	6.5
7	☐	1.000		2652683.14		A	0.7
8	☐	1.000		2610153.95		A	2.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4487279.76		A	2.9
2	☐	1.000		4490928.02		A	2.8
3	☐	1.000		4529339.72		A	3.0
4	☐	1.000		4498882.71		A	4.1
5	☐	1.000		4708668.02		A	1.1
6	☐	1.000		4353503.34		A	4.4
7	☐	1.000		4365327.82		A	2.0
8	☐	1.000		3903403.97		A	2.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2115008.79		A	1.0
2	☐	1.000		2139823.63		A	0.8
3	☐	1.000		2113319.78		A	1.4
4	☐	1.000		2086831.84		A	1.7
5	☐	1.000		2077497.82		A	2.0
6	☐	1.000		1849619.64		A	7.4
7	☐	1.000		1973148.11		A	1.4
8	☐	1.000		1827520.20		A	0.8