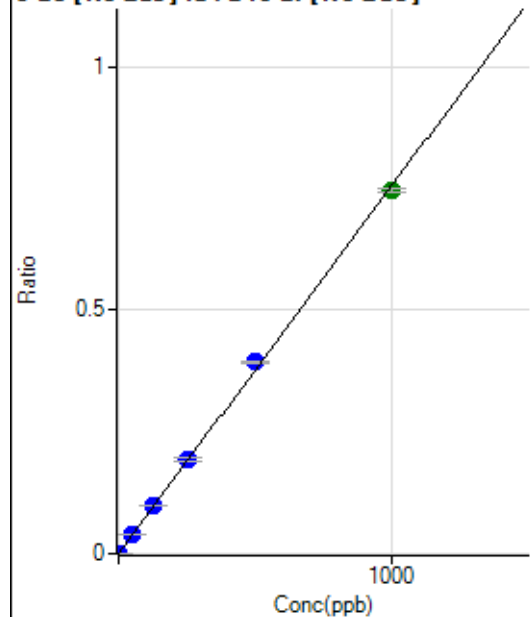


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7041123-MS.b\
Analysis File: P7041123-MS.batch.bin
DA Date-Time: 2023-04-11 18:20:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-11 16:12:42
2	006CALS.d	S02	2023-04-11 16:19:15
3	007CALS.d	S03	2023-04-11 16:22:30
4	008CALS.d	S04	2023-04-11 16:25:38
5	009CALS.d	S05	2023-04-11 16:28:34
6	010CALS.d	S06	2023-04-11 16:31:26
7	011CALS.d	S07	2023-04-11 16:34:12
8	012CALS.d	S08	2023-04-11 16:36:59

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0001	P	11.7
2	☐	1.000	1.099	1584.54	0.0009	P	6.1
3	☐	50.000	52.567	70161.70	0.0397	P	2.4
4	☐	125.000	131.915	169859.79	0.0995	P	1.4
5	☐	250.000	256.353	327126.62	0.1934	P	3.8
6	☐	500.000	521.066	647391.12	0.3930	P	1.5
7	☐	1000.000	986.886	1233432.69	0.7443	A	1.0
8	☐			706.69	0.0005	P	21.5

$$y = 7.5410\text{E-}004 * x + 5.0326\text{E-}005$$

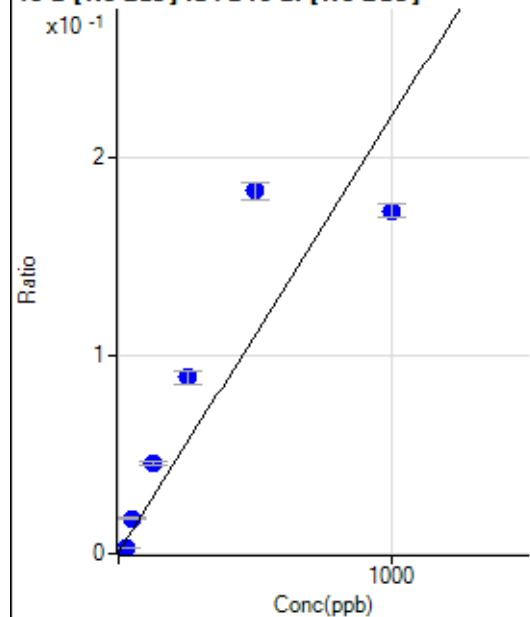
$$R = 0.9996$$

$$DL = 0.02342$$

$$BEC = 0.06674$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	864.48	0.0005	P	3.5
2	☐	25.000	11.174	5285.39	0.0029	P	4.3
3	☐	50.000	79.295	31632.28	0.0179	P	6.2
4	☐	125.000	204.703	77588.12	0.0455	P	4.6
5	☐	250.000	402.471	150326.87	0.0889	P	7.5
6	☐	500.000	830.521	301320.45	0.1830	P	4.7
7	☐	1000.000	785.540	286772.09	0.1731	P	4.2
8	☐			14928.41	0.0097	P	9.2

$$y = 2.1971\text{E-}004 * x + 4.7743\text{E-}004$$

$$R = 0.8918$$

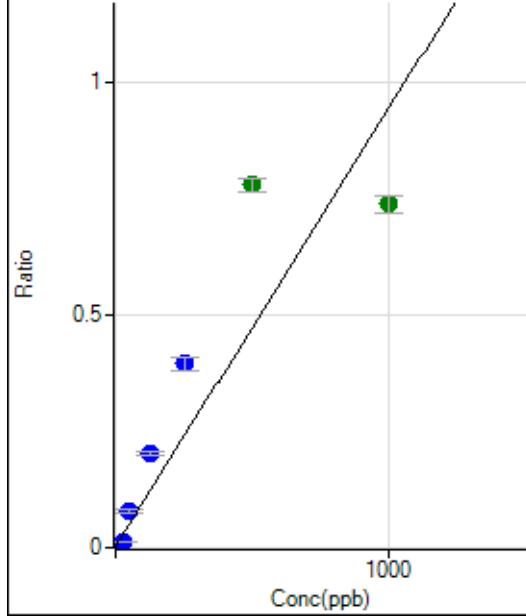
$$DL = 0.2281$$

$$BEC = 2.173$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3700.48	0.0020	P	6.7
2	☐	25.000	11.620	23383.24	0.0130	P	4.4
3	☐	50.000	81.294	138767.39	0.0785	P	5.8
4	☐	125.000	212.028	343935.67	0.2015	P	4.2
5	☐	250.000	418.147	668635.61	0.3954	P	6.9
6	☐	500.000	826.409	1283823.28	0.7795	A	3.9
7	☐	1000.000	782.650	1223331.88	0.7383	A	5.4
8	☐			65288.71	0.0424	P	10.5

$$y = 9.4072E-004 * x + 0.0020$$

$$R = 0.8895$$

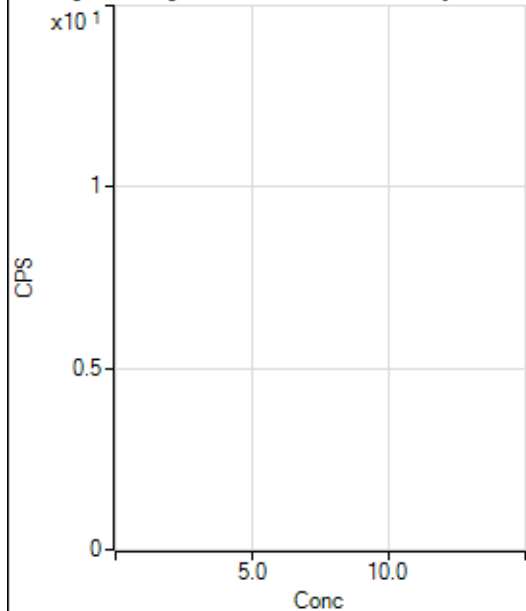
$$DL = 0.4352$$

$$BEC = 2.172$$

Weight: <None>

Min Conc: 0

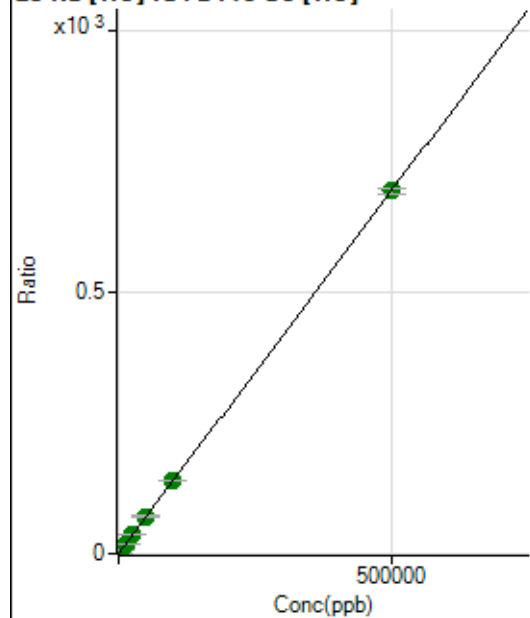
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11660.04	0.0414	P	4.5
2	☐	500.000	489.356	214081.23	0.7207	P	0.4
3	☐	5000.000	5313.520	2121369.45	7.4176	A	0.6
4	☐	12500.000	12820.622	4951732.91	17.8390	A	0.1
5	☐	25000.000	25544.615	9745757.28	35.5024	A	0.9
6	☐	50000.000	51124.396	19211185.41	71.0121	A	2.6
7	☐	100000.00	100088.77	38217388.87	138.9843	A	0.1
8	☐	500000.00	499831.43	176713206.2	693.9058	A	1.3

$$y = 0.0014 * x + 0.0414$$

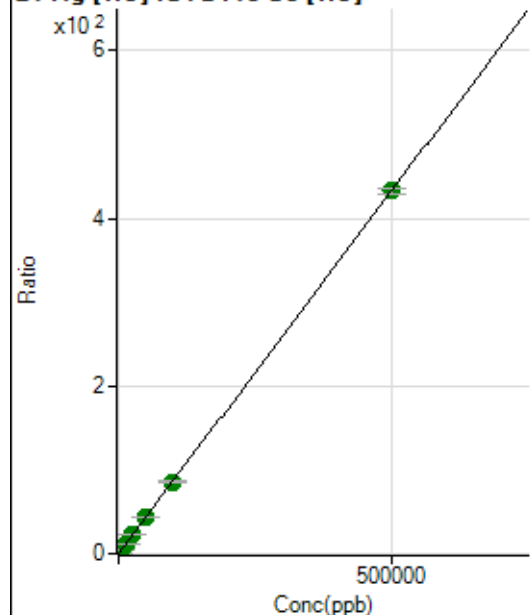
$$R = 1.0000$$

$$DL = 4.023$$

$$BEC = 29.83$$

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	365.56	0.0013	P	11.1
2	☐	500.000	485.298	125155.96	0.4214	P	0.8
3	☐	5000.000	5222.143	1293124.27	4.5214	A	1.4
4	☐	12500.000	12887.178	3096460.65	11.1560	A	1.5
5	☐	25000.000	25607.432	6084757.34	22.1662	A	1.0
6	☐	50000.000	50864.273	11911900.38	44.0276	A	1.2
7	☐	100000.00	99253.242	23623640.48	85.9114	A	0.4
8	☐	500000.00	500020.66	110217071.6	432.8014	A	1.6

$$y = 8.6556\text{E-}004 * x + 0.0013$$

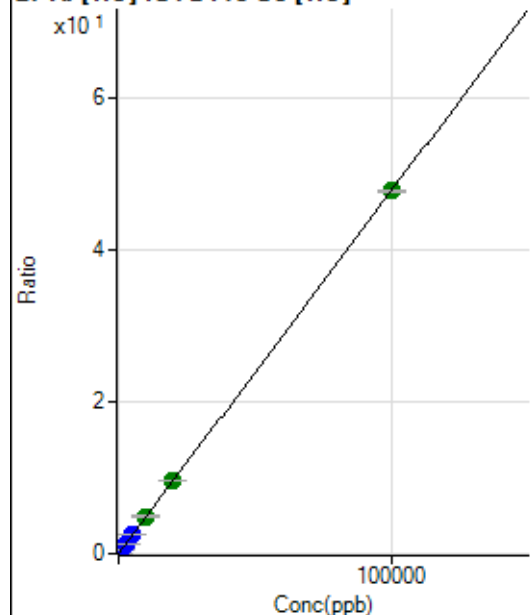
$$R = 1.0000$$

$$DL = 0.4984$$

$$BEC = 1.498$$

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	160.00	0.0006	P	7.4
2	☐	20.000	20.501	3079.23	0.0104	P	0.5
3	☐	1000.000	1107.123	151505.36	0.5298	P	0.8
4	☐	2500.000	2680.396	355784.58	1.2818	P	0.6
5	☐	5000.000	5226.436	685920.39	2.4988	P	1.3
6	☐	10000.000	10221.535	1321980.11	4.8864	A	2.5
7	☐	20000.000	20063.672	2637216.49	9.5908	A	1.8
8	☐	100000.00	99948.209	12166856.76	47.7750	A	0.6

$$y = 4.7799\text{E-}004 * x + 5.6751\text{E-}004$$

$$R = 1.0000$$

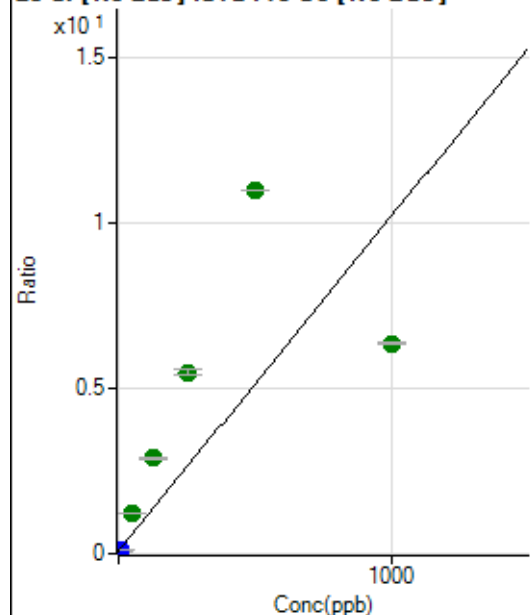
$$DL = 0.2645$$

$$BEC = 1.187$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	306204.95	0.0792	P	2.5
2	☐	10.000	1.368	352188.38	0.0930	P	0.7
3	☐	50.000	112.090	4516330.45	1.2161	A	1.8
4	☐	125.000	276.936	10242859.99	2.8881	A	1.3
5	☐	250.000	533.482	19684986.79	5.4901	A	3.0
6	☐	500.000	1074.818	38011706.10	10.9808	A	0.0
7	☐	1000.000	619.710	22313505.78	6.3647	A	1.2
8	☐			743966.36	0.2244	P	8.5

$$y = 0.0101 * x + 0.0792$$

$$R = 0.7041$$

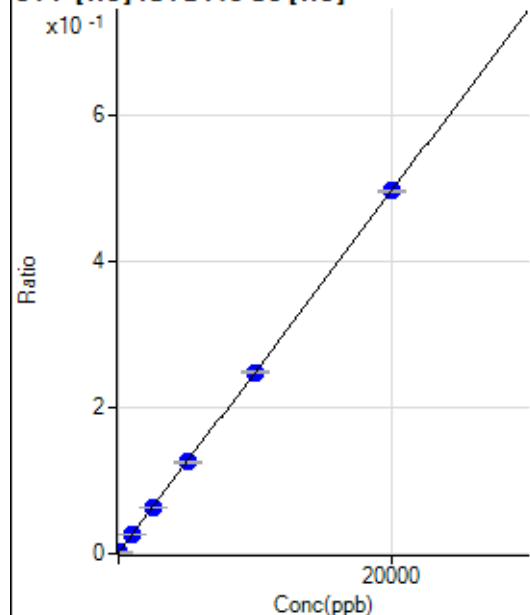
$$DL = 0.5811$$

$$BEC = 7.804$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-6.239	298.90	0.0011	P	5.2
2	☐	0.000	6.239	406.68	0.0014	P	20.9
3	☐	1000.000	1025.735	7608.62	0.0266	P	1.6
4	☐	2500.000	2521.187	17659.16	0.0636	P	1.5
5	☐	5000.000	5028.474	34500.00	0.1257	P	2.7
6	☐	10000.000	9978.280	67155.26	0.2482	P	1.2
7	☐	20000.000	19999.807	136465.01	0.4963	P	0.4
8	☐			363.34	0.0014	P	4.5

$$y = 2.4753E-005 * x + 0.0012$$

$$R = 1.0000$$

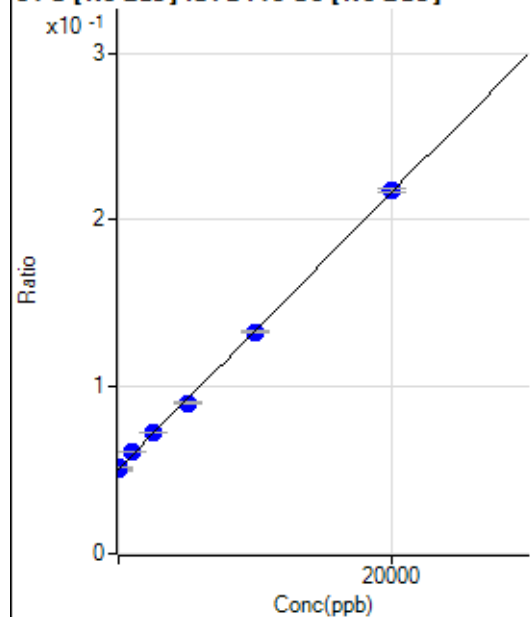
$$DL = 20.64$$

$$BEC = 49.08$$

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	-93.159	194124.13	0.0502	P	2.2
2	☐	0.000	93.159	195811.93	0.0517	P	1.4
3	☐	1000.000	1231.351	227151.54	0.0612	P	1.0
4	☐	2500.000	2630.124	258033.40	0.0728	P	1.0
5	☐	5000.000	4723.286	323119.62	0.0901	P	1.7
6	☐	10000.000	9906.507	460620.78	0.1331	P	0.8
7	☐	20000.000	20088.092	762373.09	0.2175	P	1.2
8	☐			179463.22	0.0541	P	2.2

$$y = 8.2888\text{E-}006 * x + 0.0510$$

$$R = 0.9997$$

$$DL = 329.4$$

$$BEC = 6147$$

Weight: <None>

Min Conc: 0

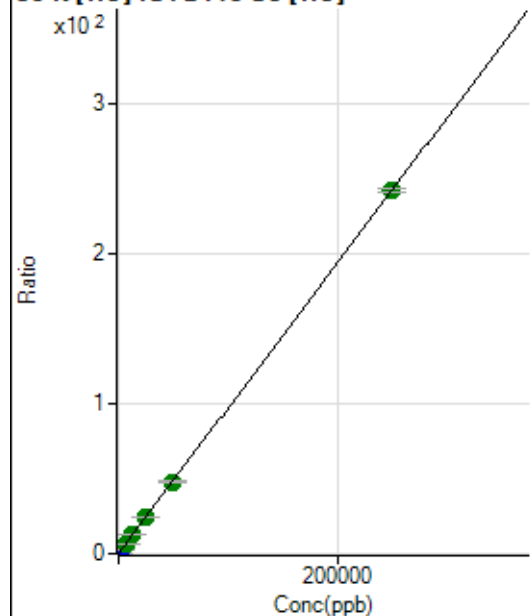
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44806.82	0.1591	P	3.5
2	☐	500.000	493.021	188869.02	0.6358	P	0.5
3	☐	2500.000	2675.392	785353.48	2.7461	P	0.6
4	☐	6250.000	6379.654	1756366.62	6.3280	A	1.6
5	☐	12500.000	12672.048	3407277.07	12.4124	A	1.4
6	☐	25000.000	25255.506	6649989.76	24.5801	A	2.5
7	☐	50000.000	49461.693	13195117.03	47.9864	A	0.5
8	☐	250000.00	250068.52	61619885.75	241.9643	A	1.2

$$y = 9.6696\text{E-}004 * x + 0.1591$$

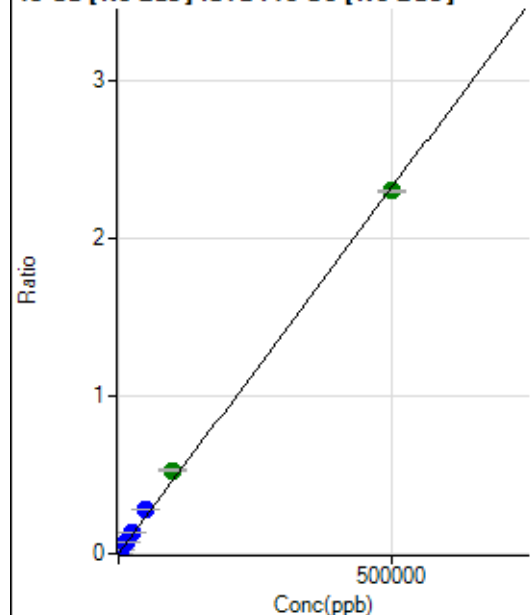
$$R = 1.0000$$

$$DL = 17.23$$

$$BEC = 164.6$$

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	92.22	0.0000	P	17.1
2	☐	500.000	514.409	9138.39	0.0024	P	3.8
3	☐	5000.000	5986.903	103418.91	0.0278	P	0.8
4	☐	12500.000	15121.921	249321.74	0.0703	P	1.2
5	☐	25000.000	29370.533	489421.10	0.1365	P	3.7
6	☐	50000.000	60070.883	966392.84	0.2792	P	0.6
7	☐	100000.00	114270.09	1861884.17	0.5310	A	1.3
8	☐	500000.00	495844.93	7637864.40	2.3042	A	0.5

$$y = 4.6470\text{E-}006 * x + 2.3901\text{E-}005$$

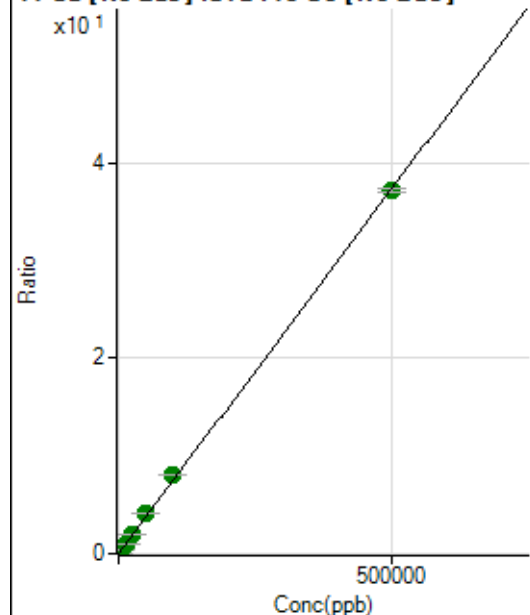
$$R = 0.9994$$

$$DL = 2.634$$

$$BEC = 5.143$$

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	6121.39	0.0016	P	6.6
2	☐	500.000	518.776	152414.25	0.0403	P	1.9
3	☐	5000.000	5500.386	1529038.87	0.4117	A	0.7
4	☐	12500.000	13800.474	3655057.59	1.0305	A	0.4
5	☐	25000.000	26970.005	7215878.85	2.0124	A	2.8
6	☐	50000.000	55168.881	14244226.31	4.1149	A	0.5
7	☐	100000.00	108382.87	28337514.58	8.0825	A	0.4
8	☐	500000.00	497670.50	123000581.5	37.1075	A	1.1

$$y = 7.4559\text{E-}005 * x + 0.0016$$

$$R = 0.9998$$

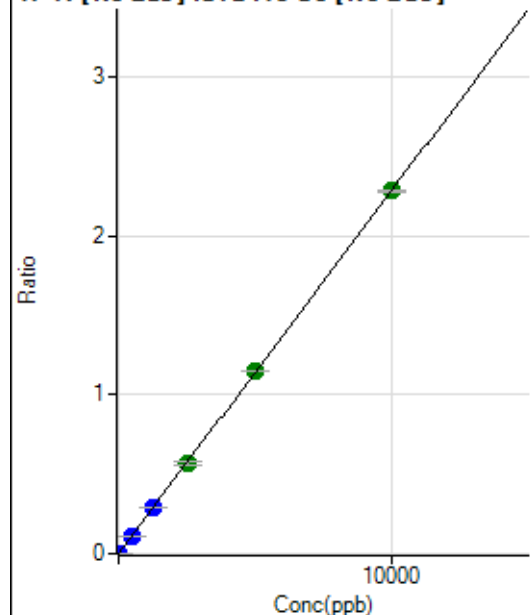
$$DL = 4.223$$

$$BEC = 21.24$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0000	P	36.7
2	☐	5.000	4.749	4173.95	0.0011	P	3.8
3	☐	500.000	494.059	419446.54	0.1129	P	1.2
4	☐	1250.000	1252.084	1015036.13	0.2862	P	0.7
5	☐	2500.000	2482.625	2034429.88	0.5674	A	3.5
6	☐	5000.000	5012.118	3965552.34	1.1456	A	0.2
7	☐	10000.000	9998.321	8011857.45	2.2852	A	0.4
8	☐			1922.37	0.0006	P	31.1

$$y = 2.2855\text{E-}004 * x + 1.7391\text{E-}005$$

$$R = 1.0000$$

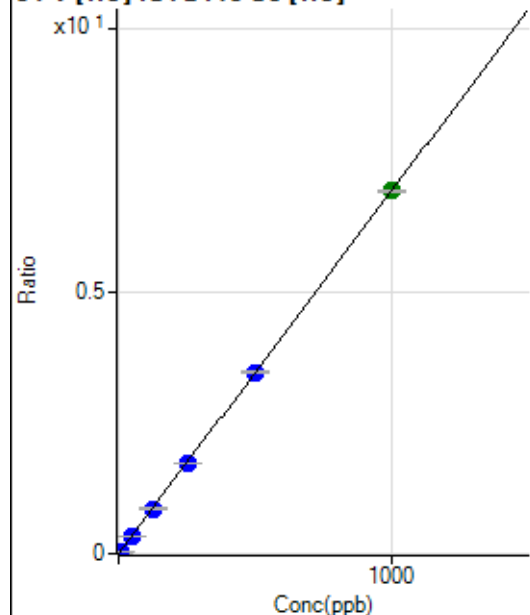
$$DL = 0.08388$$

$$BEC = 0.07609$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.
2	☐	5.000	4.769	9801.03	0.0330	P	1.7
3	☐	50.000	49.938	98776.88	0.3454	P	1.2
4	☐	125.000	124.457	238920.22	0.8608	P	0.8
5	☐	250.000	249.367	473424.94	1.7246	P	0.6
6	☐	500.000	499.960	935477.50	3.4577	P	1.6
7	☐	1000.000	1000.250	1902206.22	6.9177	A	0.5
8	☐			653.36	0.0026	P	14.3

$$y = 0.0069 * x + 1.5498\text{E-}005$$

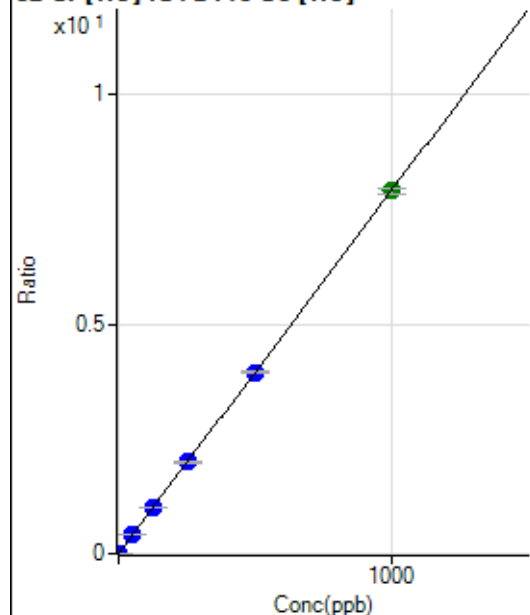
$$R = 1.0000$$

$$DL = 0.007741$$

$$BEC = 0.002241$$

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	652.24	0.0023	P	6.2
2	☐	2.000	1.888	5115.35	0.0172	P	4.1
3	☐	50.000	52.892	120132.46	0.4201	P	1.4
4	☐	125.000	126.164	277241.24	0.9988	P	0.8
5	☐	250.000	252.102	547258.80	1.9935	P	0.6
6	☐	500.000	499.553	1068134.46	3.9481	P	1.7
7	☐	1000.000	999.408	2171269.26	7.8962	A	1.6
8	☐			15669.32	0.0615	P	1.9

$$y = 0.0079 * x + 0.0023$$

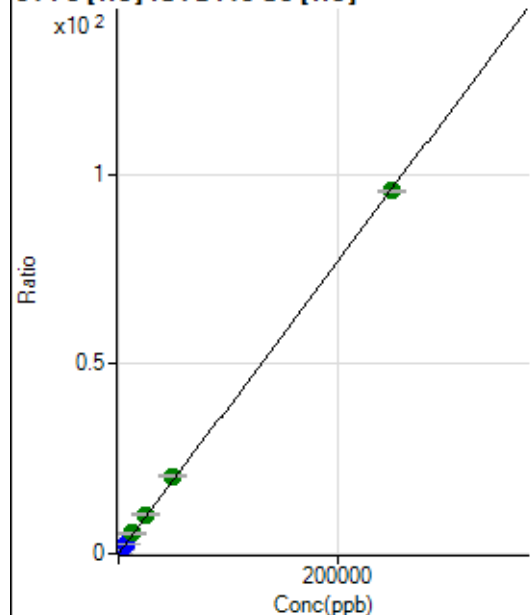
$$R = 1.0000$$

$$DL = 0.05407$$

$$BEC = 0.2925$$

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	1373.41	0.0049	P	6.0
2	☐	50.000	52.435	7427.44	0.0250	P	2.5
3	☐	2500.000	2811.274	309981.07	1.0839	P	0.2
4	☐	6250.000	6964.535	743322.02	2.6779	P	0.6
5	☐	12500.000	13857.826	1461413.31	5.3237	A	0.4
6	☐	25000.000	26920.103	2796463.74	10.3371	A	2.9
7	☐	50000.000	53422.004	5639494.57	20.5088	A	1.1
8	☐	250000.00	249034.72	24343056.30	95.5870	A	0.7

$$y = 3.8381E-004 * x + 0.0049$$

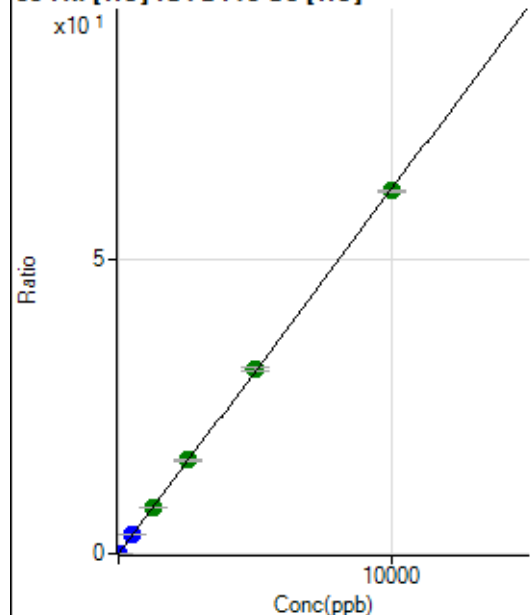
$$R = 0.9999$$

$$DL = 2.303$$

$$BEC = 12.71$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0002	P	10.9
2	☐	1.000	1.039	1990.15	0.0067	P	2.4
3	☐	500.000	506.521	899567.01	3.1455	P	0.4
4	☐	1250.000	1282.999	2211447.99	7.9669	A	0.3
5	☐	2500.000	2563.154	4369265.35	15.9160	A	1.3
6	☐	5000.000	5055.848	8493705.22	31.3942	A	1.6
7	☐	10000.000	9951.836	16992306.55	61.7955	A	0.4
8	☐			8524.72	0.0335	P	1.4

$$y = 0.0062 * x + 2.4821E-004$$

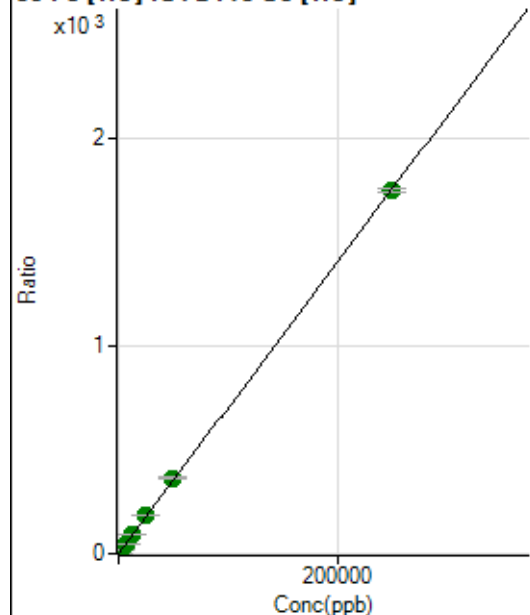
$$R = 1.0000$$

$$DL = 0.01311$$

$$BEC = 0.03997$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8829.33	0.0314	P	4.6
2	☐	50.000	51.327	116365.42	0.3918	P	0.5
3	☐	2500.000	2762.510	5556489.43	19.4288	A	0.4
4	☐	6250.000	6711.629	13090017.03	47.1582	A	0.2
5	☐	12500.000	13383.137	25804627.67	94.0033	A	0.9
6	☐	25000.000	26740.785	50807323.69	187.7964	A	1.9
7	☐	50000.000	52168.252	100734990.7	366.3397	A	0.2
8	☐	250000.00	249333.94	445862371.1	1,750.772	A	0.9

$$y = 0.0070 * x + 0.0314$$

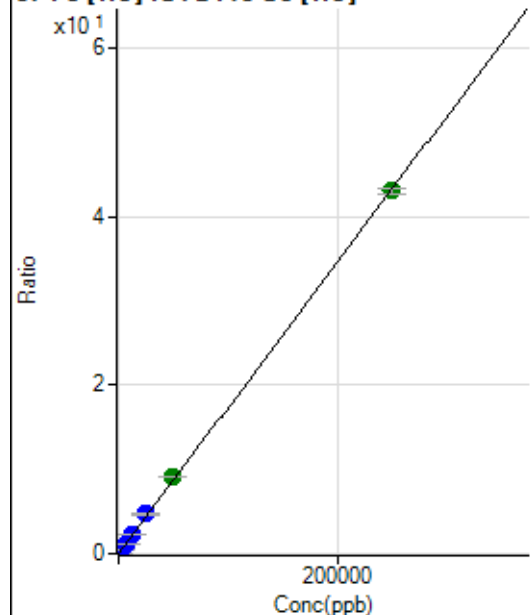
$$R = 0.9999$$

$$DL = 0.6105$$

$$BEC = 4.466$$

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	286.67	0.0010	P	7.8
2	☐	50.000	52.702	3008.11	0.0101	P	4.9
3	☐	2500.000	2760.083	136762.06	0.4782	P	1.4
4	☐	6250.000	6872.765	330102.98	1.1893	P	0.7
5	☐	12500.000	13665.514	648857.69	2.3637	P	0.4
6	☐	25000.000	27077.737	1266852.27	4.6825	P	1.7
7	☐	50000.000	52553.893	2498757.06	9.0872	A	0.5
8	☐	250000.00	249205.00	10972366.09	43.0866	A	1.7

$$y = 1.7289\text{E-}004 * x + 0.0010$$

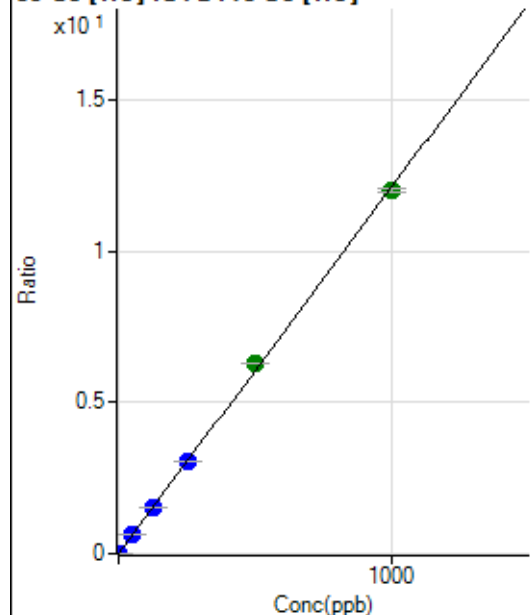
$$R = 0.9999$$

$$DL = 1.377$$

$$BEC = 5.875$$

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	34.45	0.0001	P	20.6
2	☐	1.000	0.945	3438.20	0.0116	P	1.4
3	☐	50.000	50.771	175978.19	0.6153	P	0.1
4	☐	125.000	125.261	421319.86	1.5179	P	1.1
5	☐	250.000	250.313	832641.44	3.0331	P	0.3
6	☐	500.000	519.438	1702982.88	6.2941	A	1.0
7	☐	1000.000	990.132	3299054.98	11.9975	A	1.2
8	☐			3338.18	0.0131	P	1.3

$$y = 0.0121 * x + 1.2239\text{E-}004$$

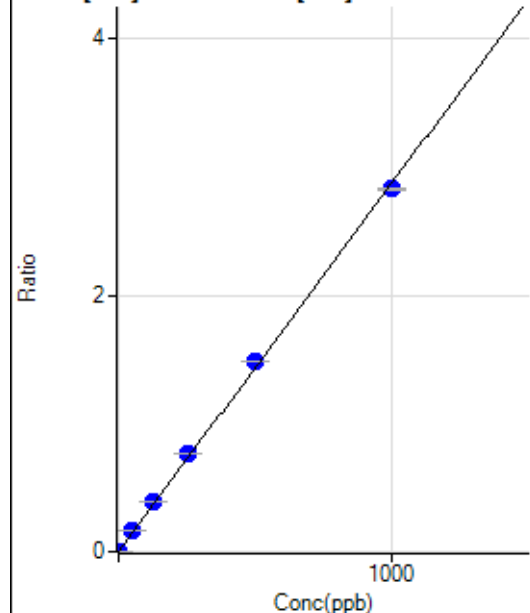
$$R = 0.9997$$

$$DL = 0.006229$$

$$BEC = 0.0101$$

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	40.00	0.0001	P	38.8
2	☐	1.000	1.023	914.48	0.0031	P	9.5
3	☐	50.000	56.121	46120.58	0.1613	P	0.7
4	☐	125.000	134.083	106889.40	0.3851	P	1.1
5	☐	250.000	266.166	209817.64	0.7643	P	0.3
6	☐	500.000	517.896	402337.26	1.4870	P	0.7
7	☐	1000.000	985.569	778113.07	2.8297	P	0.6
8	☐			2413.55	0.0095	P	2.4

$$y = 0.0029 * x + 1.4256E-004$$

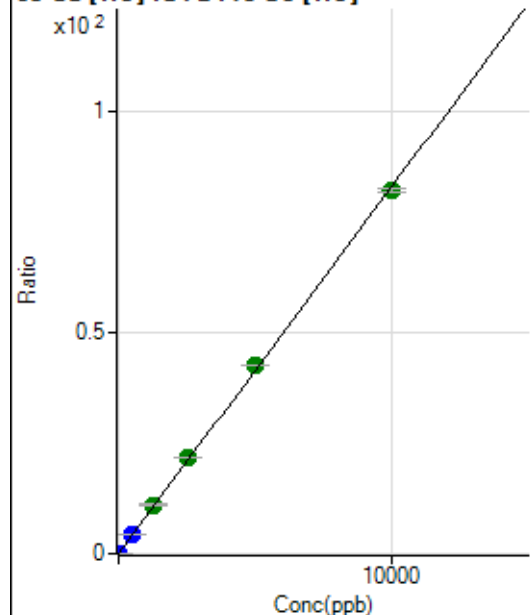
$$R = 0.9996$$

$$DL = 0.05783$$

$$BEC = 0.04965$$

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	1588.99	0.0056	P	6.7
2	☐	2.000	1.925	6420.31	0.0216	P	1.0
3	☐	500.000	509.383	1209832.77	4.2304	P	0.7
4	☐	1250.000	1329.258	3061530.37	11.0302	A	1.9
5	☐	2500.000	2610.165	5944273.04	21.6538	A	0.2
6	☐	5000.000	5134.361	11523048.44	42.5890	A	0.7
7	☐	10000.000	9894.902	22567877.72	82.0719	A	1.1
8	☐			4325.10	0.0170	P	2.2

$$y = 0.0083 * x + 0.0056$$

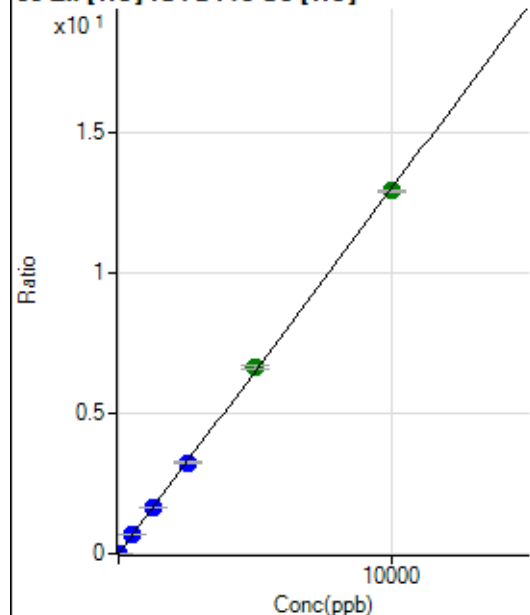
$$R = 0.9998$$

$$DL = 0.1376$$

$$BEC = 0.6809$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.55	0.0004	P	4.0
2	☐	2.000	2.139	935.59	0.0031	P	9.7
3	☐	500.000	505.614	187727.33	0.6564	P	0.7
4	☐	1250.000	1262.701	454879.16	1.6388	P	0.4
5	☐	2500.000	2500.440	890722.57	3.2448	P	0.5
6	☐	5000.000	5121.519	1797901.90	6.6457	A	2.4
7	☐	10000.000	9937.262	3545618.14	12.8942	A	0.3
8	☐			2826.96	0.0111	P	5.5

$$y = 0.0013 * x + 3.7436E-004$$

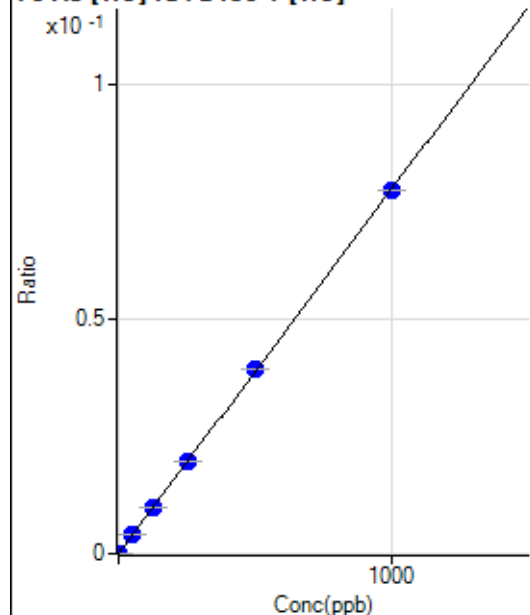
$$R = 0.9999$$

$$DL = 0.03464$$

$$BEC = 0.2885$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	98.1
2	☐	1.000	0.953	242.23	0.0001	P	11.3
3	☐	50.000	51.197	12133.93	0.0040	P	1.3
4	☐	125.000	125.929	29610.67	0.0098	P	1.7
5	☐	250.000	252.175	58646.29	0.0196	P	0.9
6	☐	500.000	507.003	115835.21	0.0393	P	0.6
7	☐	1000.000	995.779	230993.17	0.0773	P	0.2
8	☐			45.55	0.0000	P	8.6

$$y = 7.7602E-005 * x + 1.0833E-006$$

$$R = 1.0000$$

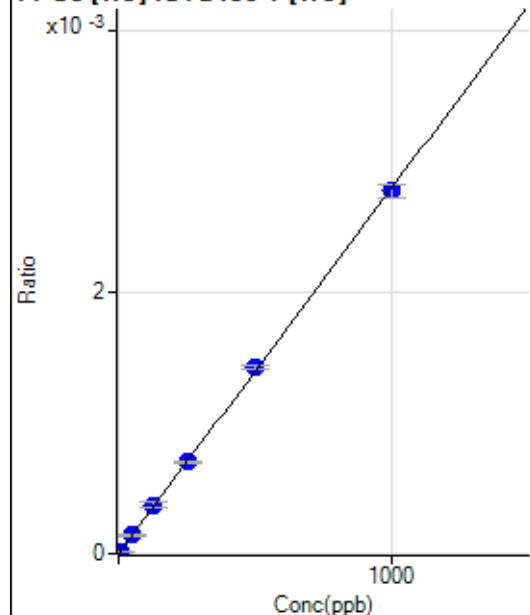
$$DL = 0.04109$$

$$BEC = 0.01396$$

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	1.11	0.0000	P	173.
2	☐	5.000	4.932	45.56	0.0000	P	28.1
3	☐	50.000	50.705	433.34	0.0001	P	6.0
4	☐	125.000	132.715	1123.39	0.0004	P	10.4
5	☐	250.000	251.359	2104.61	0.0007	P	2.6
6	☐	500.000	511.027	4202.86	0.0014	P	1.3
7	☐	1000.000	993.147	8293.51	0.0028	P	3.7
8	☐			6.67	0.0000	P	100.

$$y = 2.7929\text{E-}006 * x + 3.5281\text{E-}007$$

$$R = 0.9999$$

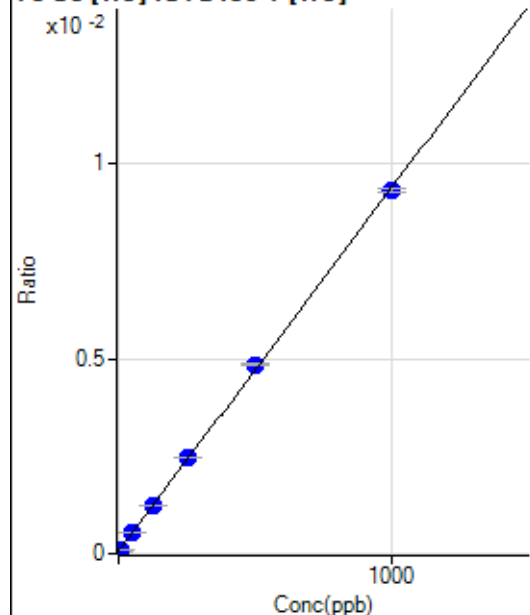
$$DL = 0.6564$$

$$BEC = 0.1263$$

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	213.33	0.0001	P	7.8
2	☐	5.000	2.350	294.45	0.0001	P	12.3
3	☐	50.000	51.252	1669.00	0.0005	P	3.4
4	☐	125.000	124.872	3733.84	0.0012	P	2.3
5	☐	250.000	255.922	7351.89	0.0025	P	0.3
6	☐	500.000	513.612	14289.19	0.0049	P	1.1
7	☐	1000.000	991.680	27820.60	0.0093	P	1.1
8	☐			157.78	0.0001	P	9.7

$$y = 9.3148\text{E-}006 * x + 6.9333\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.748$$

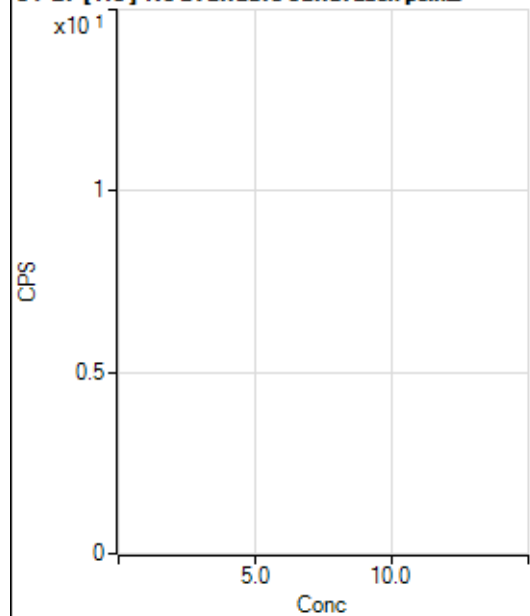
$$BEC = 7.443$$

Weight: <None>

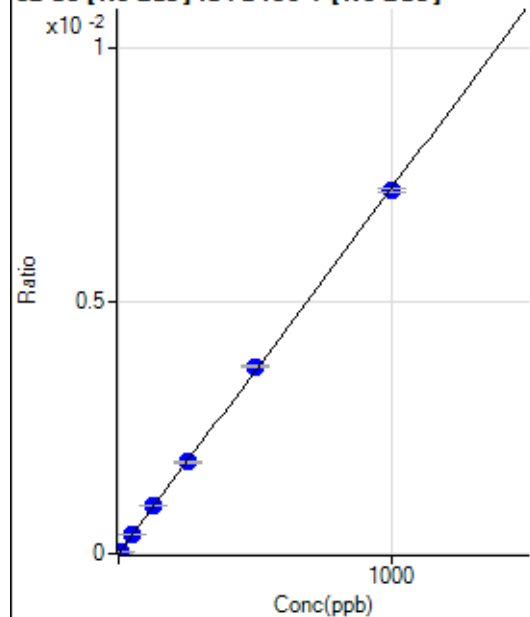
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38459.06		P	1.4
2	☐			38752.02		P	1.3
3	☐			38403.37		P	0.6
4	☐			36433.93		P	0.8
5	☐			35336.91		P	0.3
6	☐			35403.75		P	2.5
7	☐			36078.67		P	0.5
8	☐			36057.51		P	1.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	2.9
2	☐			47.78		P	17.6
3	☐			60.00		P	28.9
4	☐			55.56		P	9.2
5	☐			56.67		P	15.6
6	☐			54.45		P	24.7
7	☐			52.22		P	30.2
8	☐			73.33		P	18.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.61	0.0000	P	46.7
2	☐	5.000	4.829	512.16	0.0000	P	7.8
3	☐	50.000	51.330	5037.02	0.0004	P	4.0
4	☐	125.000	129.794	12307.51	0.0009	P	0.9
5	☐	250.000	251.338	23799.46	0.0018	P	2.8
6	☐	500.000	512.143	47496.39	0.0037	P	0.7
7	☐	1000.000	992.929	94018.31	0.0072	P	1.2
8	☐			212.97	0.0000	P	13.8

$$y = 7.2315E-006 * x + 2.7156E-006$$

R = 0.9999

DL = 0.5262

BEC = 0.3755

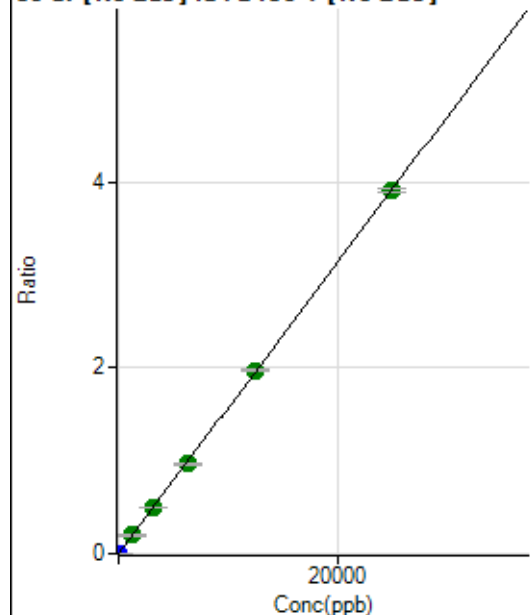
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.56		P	18.4
2	☐			94.44		P	14.7
3	☐			73.33		P	12.0
4	☐			102.22		P	13.2
5	☐			100.00		P	5.8
6	☐			120.00		P	28.9
7	☐			130.00		P	15.4
8	☐			138.89		P	12.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	17.9
2	☐	1.000	0.925	2095.73	0.0002	P	2.7
3	☐	1250.000	1260.675	2659564.40	0.1974	A	0.7
4	☐	3125.000	3146.281	6440487.26	0.4926	A	1.1
5	☐	6250.000	6176.666	12643675.23	0.9670	A	2.8
6	☐	12500.000	12613.883	25307100.18	1.9748	A	1.1
7	☐	25000.000	24958.198	51146685.91	3.9075	A	1.0
8	☐			16812.20	0.0014	P	18.6

$$y = 1.5656E-004 * x + 9.2103E-006$$

$$R = 1.0000$$

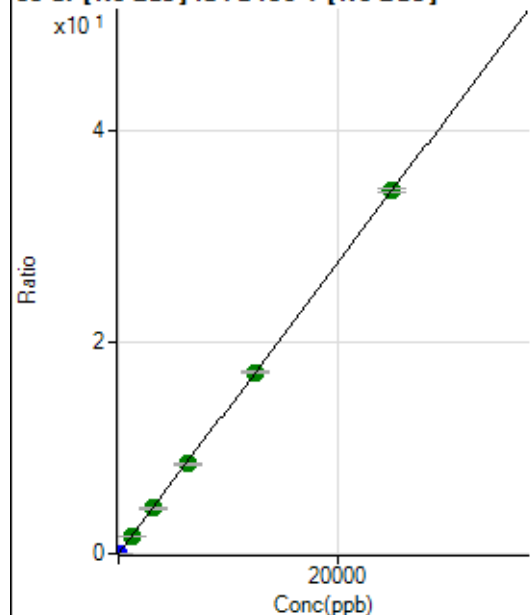
$$DL = 0.0316$$

$$BEC = 0.05883$$

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	135.56	0.0000	P	20.8
2	☐	1.000	0.896	16865.29	0.0012	P	1.2
3	☐	1250.000	1247.270	23052026.05	1.7110	A	1.9
4	☐	3125.000	3134.886	56225491.94	4.3003	A	1.3
5	☐	6250.000	6175.074	110758641.6	8.4708	A	2.0
6	☐	12500.000	12499.169	219710025.6	17.1459	A	1.5
7	☐	25000.000	25018.048	449203055.5	34.3189	A	1.1
8	☐			144333.07	0.0121	P	20.9

$$y = 0.0014 * x + 9.7451E-006$$

$$R = 1.0000$$

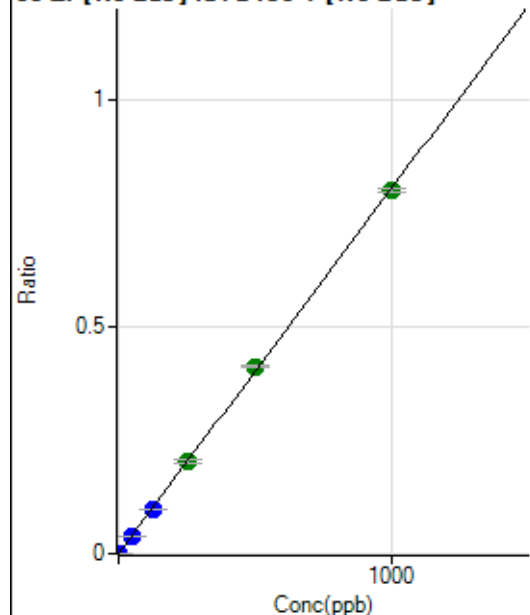
$$DL = 0.004443$$

$$BEC = 0.007104$$

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	395.57	0.0000	P	1.8
2	☐	1.000	0.880	10009.02	0.0007	P	1.9
3	☐	50.000	48.177	521742.35	0.0387	P	2.4
4	☐	125.000	122.294	1284743.92	0.0983	P	0.7
5	☐	250.000	253.057	2657934.42	0.2033	A	3.2
6	☐	500.000	512.355	5274330.69	0.4116	A	0.6
7	☐	1000.000	993.488	10445533.87	0.7980	A	1.2
8	☐			3412.67	0.0003	P	23.0

$$y = 8.0324\text{E-}004 * x + 2.8447\text{E-}005$$

$$R = 0.9999$$

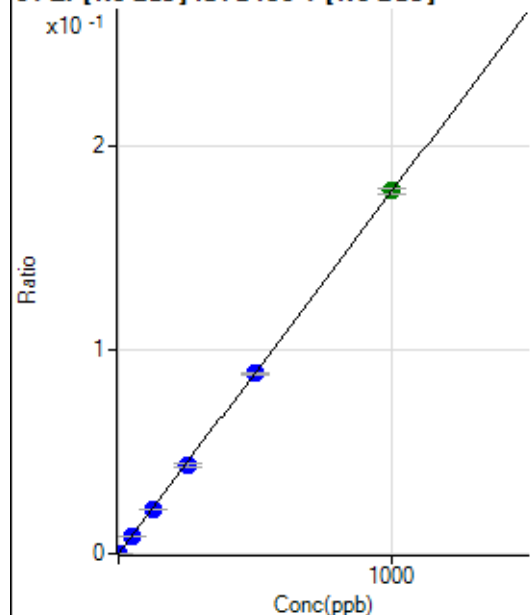
$$DL = 0.001874$$

$$BEC = 0.03542$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0000	P	35.6
2	☐	1.000	0.884	2213.52	0.0002	P	7.1
3	☐	50.000	48.234	115397.03	0.0086	P	2.3
4	☐	125.000	123.518	286669.53	0.0219	P	0.8
5	☐	250.000	243.921	566024.30	0.0433	P	2.8
6	☐	500.000	497.928	1132421.86	0.0884	P	0.8
7	☐	1000.000	1002.829	2329362.85	0.1780	A	1.5
8	☐			715.58	0.0001	P	13.7

$$y = 1.7746\text{E-}004 * x + 5.7461\text{E-}006$$

$$R = 1.0000$$

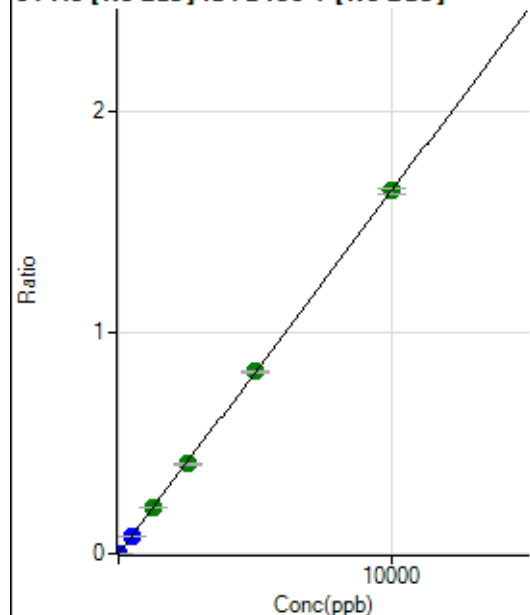
$$DL = 0.03457$$

$$BEC = 0.03238$$

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	115.56	0.0000	P	16.5
2	☐	5.000	5.288	11896.04	0.0009	P	1.7
3	☐	500.000	474.470	1046615.85	0.0777	P	2.9
4	☐	1250.000	1255.856	2688377.76	0.2056	A	0.9
5	☐	2500.000	2469.667	5286554.47	0.4043	A	2.8
6	☐	5000.000	5015.379	10522836.51	0.8211	A	0.4
7	☐	10000.000	10000.438	21429722.60	1.6373	A	1.4
8	☐			6284.80	0.0005	P	23.8

$$y = 1.6372\text{E-}004 * x + 8.3146\text{E-}006$$

$$R = 1.0000$$

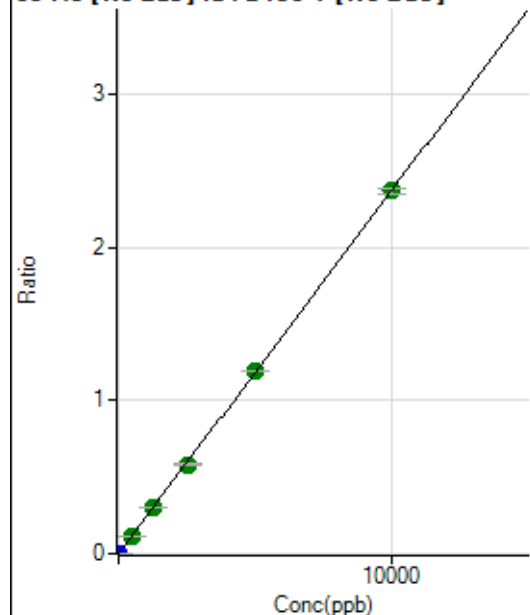
$$DL = 0.02517$$

$$BEC = 0.05079$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.89	0.0000	P	35.3
2	☐	5.000	4.431	14353.77	0.0011	P	1.6
3	☐	500.000	495.772	1584154.25	0.1176	A	2.3
4	☐	1250.000	1251.990	3882250.08	0.2969	A	0.8
5	☐	2500.000	2450.110	7597649.88	0.5811	A	2.6
6	☐	5000.000	5029.399	15285543.11	1.1928	A	0.5
7	☐	10000.000	9997.736	31034590.09	2.3711	A	1.4
8	☐			8229.18	0.0007	P	26.6

$$y = 2.3716\text{E-}004 * x + 3.5153\text{E-}006$$

$$R = 1.0000$$

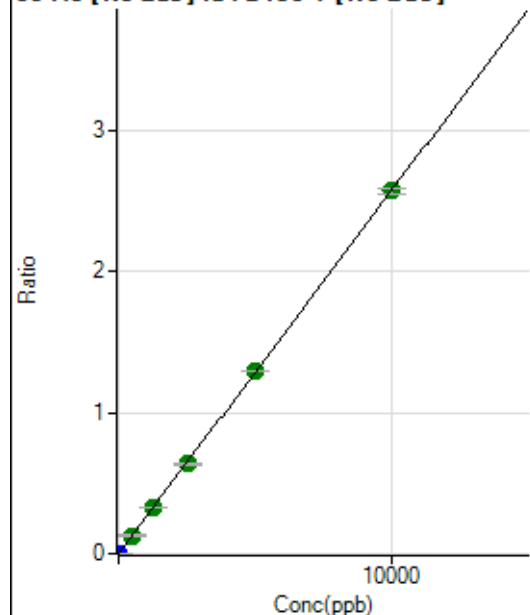
$$DL = 0.01571$$

$$BEC = 0.01482$$

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	86.66	0.0000	P	19.1
2	☐	5.000	4.508	15870.95	0.0012	P	2.1
3	☐	500.000	498.510	1727965.08	0.1283	A	2.4
4	☐	1250.000	1248.503	4199606.39	0.3212	A	0.2
5	☐	2500.000	2467.459	8299624.81	0.6348	A	2.8
6	☐	5000.000	5028.064	16576365.86	1.2935	A	0.8
7	☐	10000.000	9994.365	33652727.83	2.5711	A	1.8
8	☐			20921.84	0.0018	P	9.7

$$y = 2.5726\text{E-}004 * x + 6.2445\text{E-}006$$

$$R = 1.0000$$

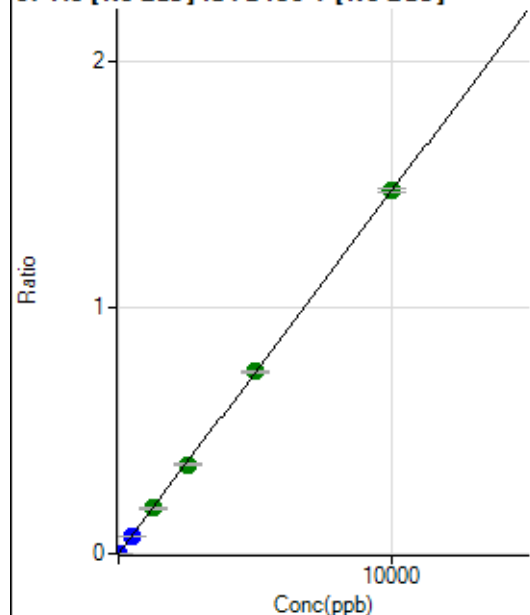
$$DL = 0.01387$$

$$BEC = 0.02427$$

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	32.22	0.0000	P	23.4
2	☐	5.000	4.392	8840.51	0.0006	P	1.5
3	☐	500.000	475.765	944557.44	0.0701	P	2.6
4	☐	1250.000	1250.516	2409418.31	0.1843	A	0.8
5	☐	2500.000	2452.051	4724538.78	0.3613	A	2.0
6	☐	5000.000	5016.958	9473761.25	0.7393	A	1.0
7	☐	10000.000	10004.656	19296671.38	1.4743	A	1.1
8	☐			5257.70	0.0004	P	24.1

$$y = 1.4736\text{E-}004 * x + 2.3149\text{E-}006$$

$$R = 1.0000$$

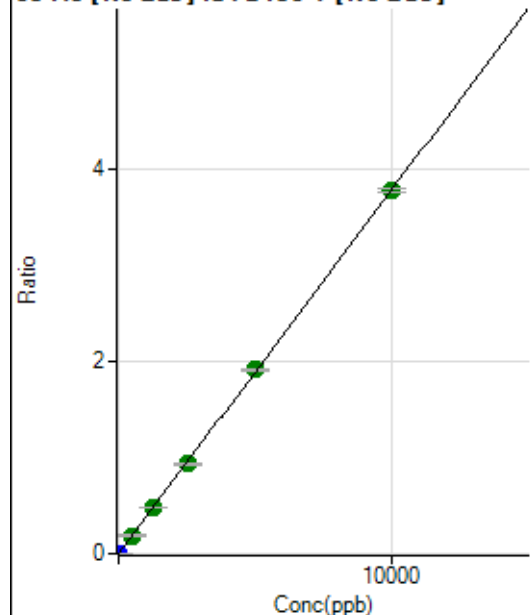
$$DL = 0.01101$$

$$BEC = 0.01571$$

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	46.67	0.0000	P	25.7
2	☐	5.000	4.515	23244.12	0.0017	P	1.8
3	☐	500.000	500.401	2545199.27	0.1889	A	1.3
4	☐	1250.000	1259.221	6215146.99	0.4754	A	0.8
5	☐	2500.000	2466.592	12174126.21	0.9311	A	3.0
6	☐	5000.000	5052.505	24442178.25	1.9073	A	0.4
7	☐	10000.000	9980.927	49316349.82	3.7677	A	0.9
8	☐			12646.00	0.0011	P	31.0

$$y = 3.7749\text{E-}004 * x + 3.3612\text{E-}006$$

$$R = 1.0000$$

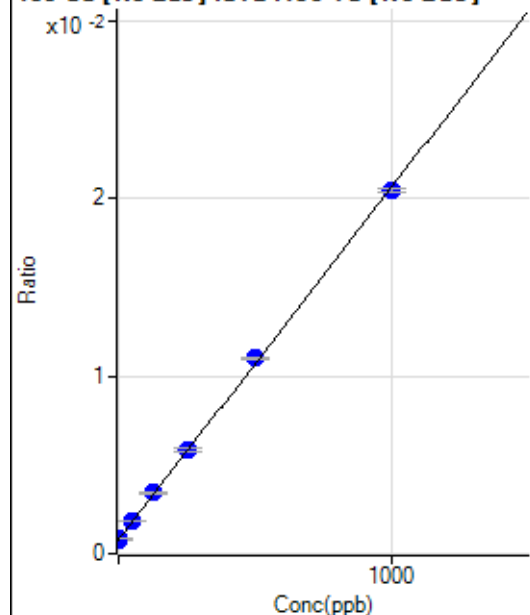
$$DL = 0.006864$$

$$BEC = 0.008904$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6427.05	0.0008	P	2.1
2	☐	1.000	2.383	6642.69	0.0008	P	1.2
3	☐	50.000	54.898	14879.92	0.0019	P	0.9
4	☐	125.000	132.554	26893.81	0.0034	P	1.3
5	☐	250.000	256.538	47010.23	0.0059	P	3.1
6	☐	500.000	514.773	86144.34	0.0110	P	0.8
7	☐	1000.000	989.789	164198.97	0.0205	P	1.0
8	☐			5812.32	0.0008	P	2.6

$$y = 1.9871\text{E-}005 * x + 7.8304\text{E-}004$$

$$R = 0.9998$$

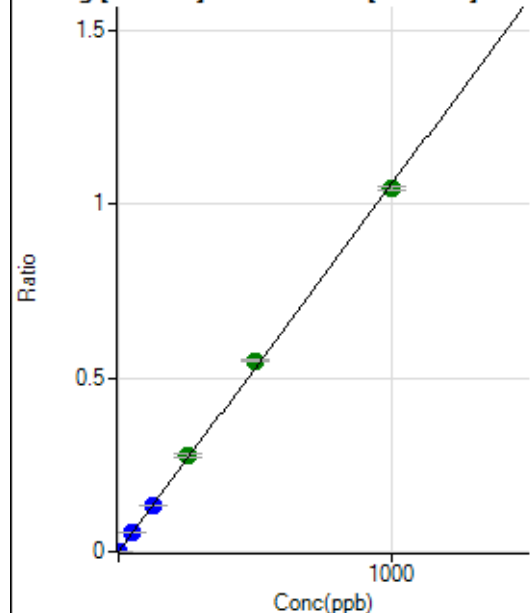
$$DL = 2.457$$

$$BEC = 39.41$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.22	0.0000	P	18.7
2	☐	1.000	0.978	8332.30	0.0010	P	3.7
3	☐	50.000	51.121	428687.58	0.0540	P	2.0
4	☐	125.000	125.145	1040127.97	0.1322	P	0.4
5	☐	250.000	260.826	2201771.66	0.2754	A	2.7
6	☐	500.000	519.722	4292935.26	0.5488	A	0.8
7	☐	1000.000	987.358	8370625.86	1.0426	A	0.9
8	☐			3685.10	0.0005	P	13.4

$$y = 0.0011 * x + 9.5724E-006$$

$$R = 0.9996$$

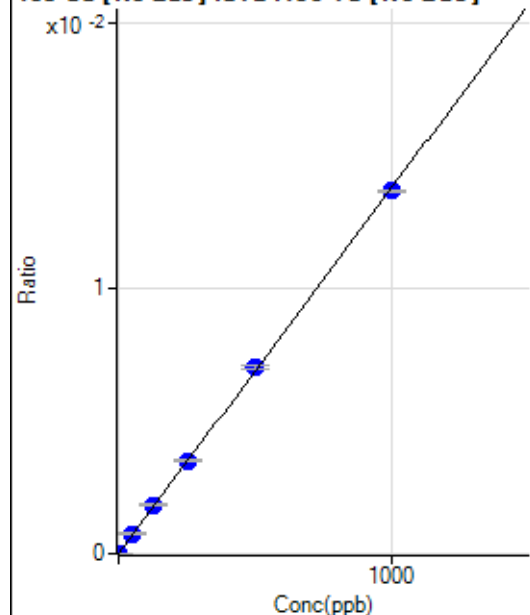
$$DL = 0.005093$$

$$BEC = 0.009066$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	57.9
2	☐	1.000	0.951	116.67	0.0000	P	5.8
3	☐	50.000	54.222	5941.28	0.0007	P	4.8
4	☐	125.000	133.087	14439.51	0.0018	P	2.1
5	☐	250.000	254.438	28028.27	0.0035	P	3.0
6	☐	500.000	510.933	55064.06	0.0070	P	1.4
7	☐	1000.000	992.202	109742.29	0.0137	P	0.2
8	☐			78.89	0.0000	P	16.3

$$y = 1.3774E-005 * x + 1.4931E-006$$

$$R = 0.9999$$

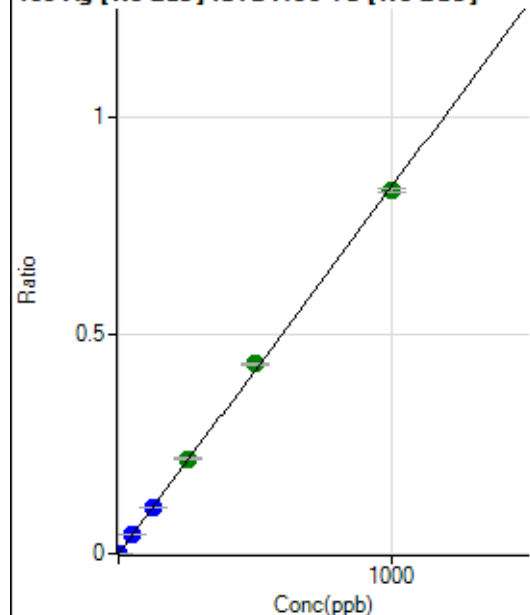
$$DL = 0.1884$$

$$BEC = 0.1084$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	8.7
2	☐	1.000	0.966	6502.62	0.0008	P	2.3
3	☐	50.000	50.863	338913.65	0.0427	P	3.1
4	☐	125.000	125.655	829963.04	0.1054	P	0.8
5	☐	250.000	258.132	1731956.42	0.2166	A	1.3
6	☐	500.000	517.761	3398810.78	0.4345	A	0.9
7	☐	1000.000	988.961	6663222.54	0.8299	A	0.9
8	☐			2884.76	0.0004	P	13.4

$$y = 8.3916\text{E-}004 * x + 2.3007\text{E-}006$$

$$R = 0.9997$$

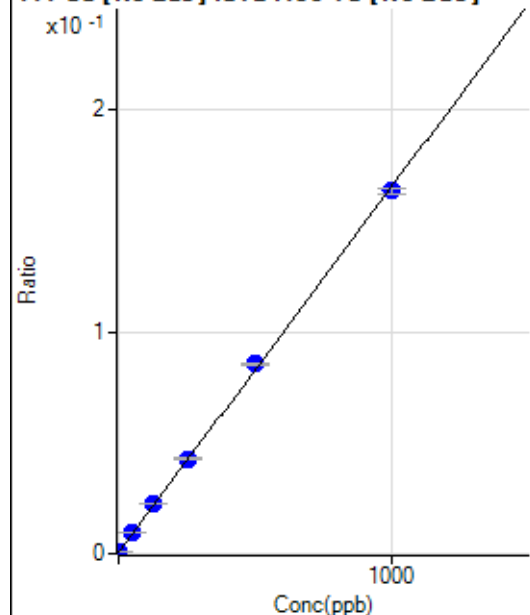
$$DL = 0.0007159$$

$$BEC = 0.002742$$

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	4498.15	0.0005	P	2.1
2	☐	1.000	1.161	5911.62	0.0007	P	0.8
3	☐	50.000	53.217	73899.57	0.0093	P	2.7
4	☐	125.000	133.267	176957.09	0.0225	P	0.2
5	☐	250.000	256.701	342127.06	0.0428	P	3.4
6	☐	500.000	515.775	668397.87	0.0854	P	0.5
7	☐	1000.000	989.243	1311659.84	0.1634	P	1.3
8	☐			4531.20	0.0006	P	3.6

$$y = 1.6459\text{E-}004 * x + 5.4803\text{E-}004$$

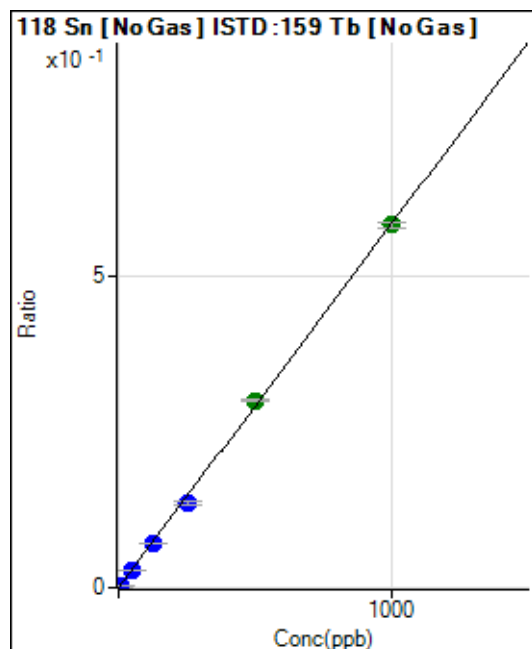
$$R = 0.9998$$

$$DL = 0.2088$$

$$BEC = 3.33$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.24	0.0001	P	12.2
2	☐	5.000	4.595	22011.34	0.0028	P	1.5
3	☐	50.000	48.478	225272.06	0.0284	P	2.6
4	☐	125.000	120.473	554125.57	0.0704	P	1.1
5	☐	250.000	232.542	1085692.99	0.1358	P	4.0
6	☐	500.000	515.330	2353885.10	0.3009	A	1.2
7	☐	1000.000	997.343	4675168.58	0.5823	A	1.5
8	☐			3518.25	0.0005	P	6.5

$$y = 5.8380\text{E-}004 * x + 6.9785\text{E-}005$$

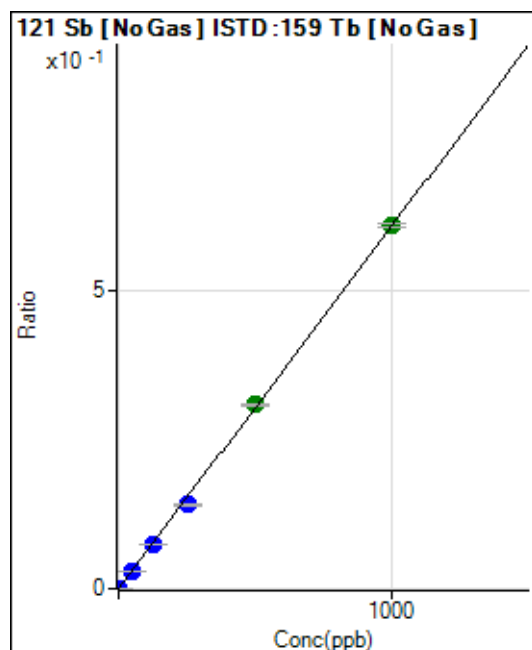
$$R = 0.9997$$

$$DL = 0.04382$$

$$BEC = 0.1195$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	28.7
2	☐	2.000	1.811	8843.88	0.0011	P	2.1
3	☐	50.000	47.573	229366.06	0.0289	P	2.6
4	☐	125.000	119.707	572041.45	0.0727	P	0.4
5	☐	250.000	232.093	1126368.94	0.1409	P	3.4
6	☐	500.000	507.437	2409949.18	0.3081	A	0.7
7	☐	1000.000	1001.541	4881760.45	0.6080	A	1.1
8	☐			3160.38	0.0004	P	6.6

$$y = 6.0709\text{E-}004 * x + 6.2013\text{E-}006$$

$$R = 0.9998$$

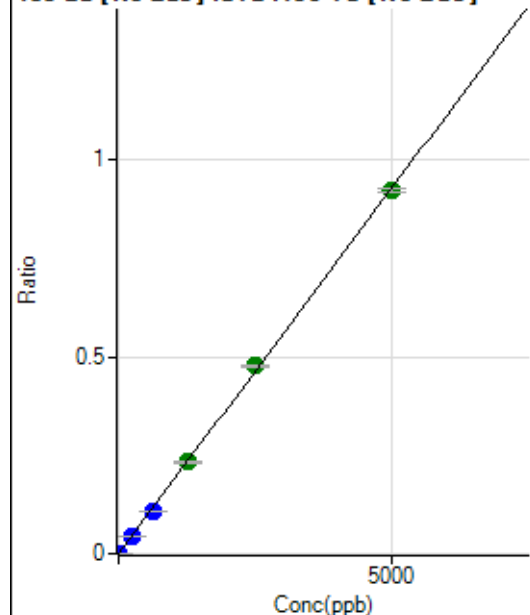
$$DL = 0.008801$$

$$BEC = 0.01021$$

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	6.66	0.0000	P	88.7
2	☐	10.000	8.749	12994.91	0.0016	P	2.2
3	☐	250.000	233.516	344176.53	0.0433	P	2.6
4	☐	625.000	584.752	854321.56	0.1085	P	0.3
5	☐	1250.000	1258.833	1868139.96	0.2337	A	2.1
6	☐	2500.000	2570.173	3732026.71	0.4771	A	0.8
7	☐	5000.000	4968.563	7404816.97	0.9223	A	1.0
8	☐			4428.52	0.0006	P	11.2

$$y = 1.8562\text{E-}004 * x + 8.2218\text{E-}007$$

$$R = 0.9998$$

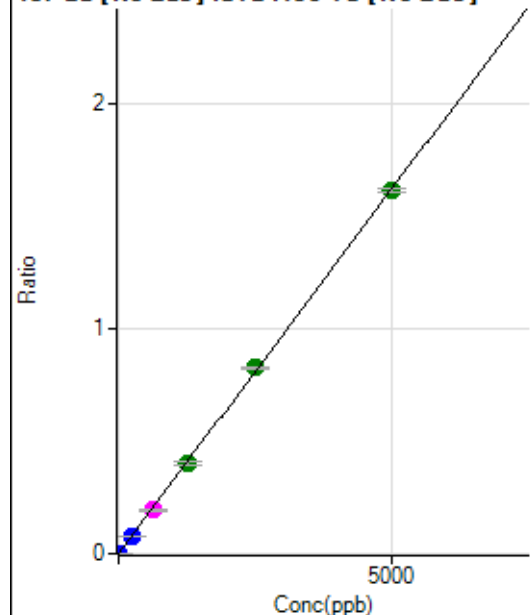
$$DL = 0.01178$$

$$BEC = 0.004429$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	26.1
2	☐	10.000	8.908	23119.95	0.0029	P	2.1
3	☐	250.000	231.335	595388.30	0.0750	P	2.4
4	☐	625.000	598.879	1527897.83	0.1941	M	5.9
5	☐	1250.000	1243.285	3221181.27	0.4030	A	3.8
6	☐	2500.000	2554.642	6477394.70	0.8280	A	1.0
7	☐	5000.000	4978.558	12955741.20	1.6137	A	1.2
8	☐			8045.70	0.0011	P	11.6

$$y = 3.2412\text{E-}004 * x + 3.2550\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.007872$$

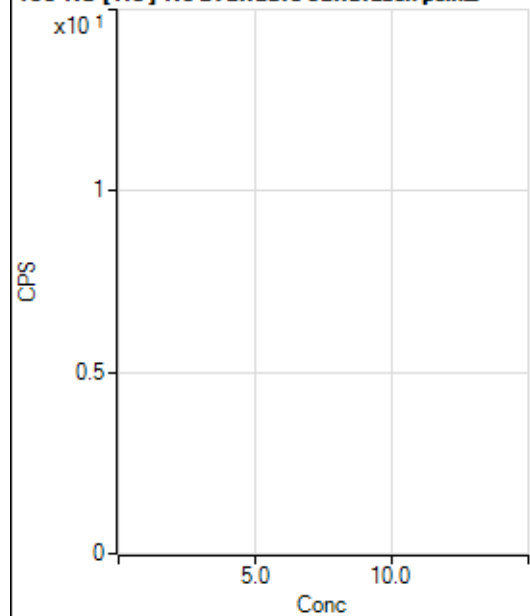
$$BEC = 0.01004$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

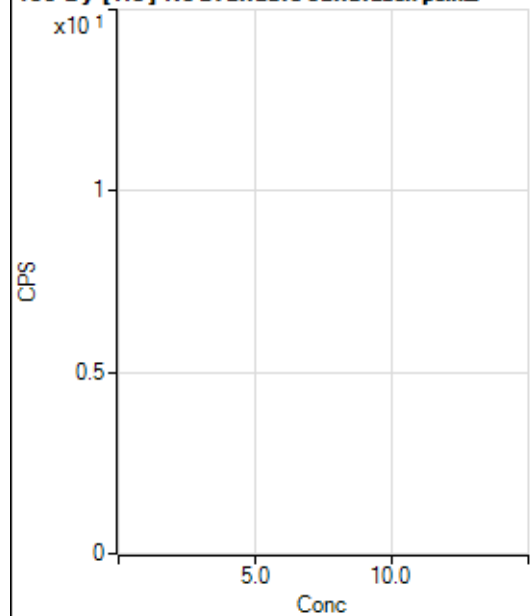
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			10.00		P	66.7
3	☐			72.22		P	2.7
4	☐			221.11		P	11.4
5	☐			385.57		P	9.5
6	☐			695.58		P	5.8
7	☐			1488.98		P	6.3
8	☐			48.89		P	33.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			5.56		P	34.7
3	☐			11.11		P	17.3
4	☐			27.78		P	30.2
5	☐			85.56		P	40.0
6	☐			150.00		P	10.2
7	☐			257.78		P	18.3
8	☐			20.00		P	28.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			5.55		P	69.3
3	☐			40.00		P	8.3
4	☐			57.78		P	3.3
5	☐			145.56		P	7.0
6	☐			244.45		P	16.3
7	☐			513.35		P	13.3
8	☐			1053.39		P	0.3

156 Dy [He] No available calibration points

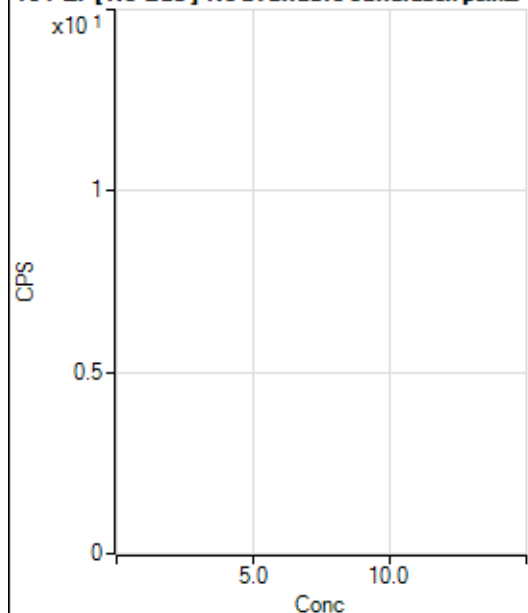
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			28.89		P	29.0
4	☐			65.56		P	25.1
5	☐			147.78		P	22.8
6	☐			247.78		P	11.0
7	☐			473.35		P	10.4
8	☐			807.81		P	4.2

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

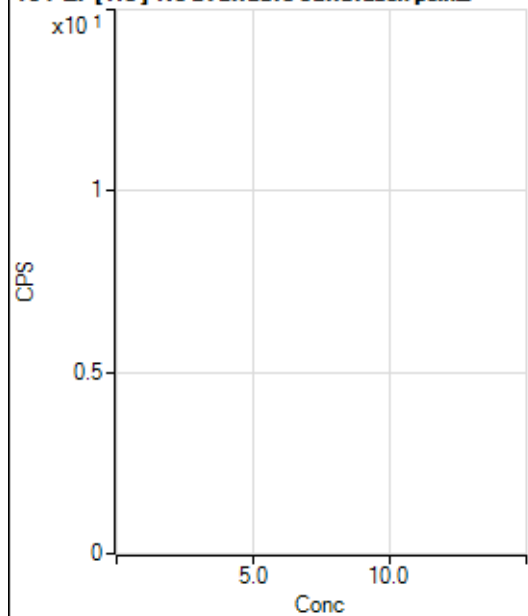
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	36.3
2	☐			45.55		P	8.5
3	☐			55.56		P	30.8
4	☐			92.22		P	12.7
5	☐			130.00		P	33.3
6	☐			215.56		P	11.4
7	☐			383.34		P	7.1
8	☐			1256.73		P	3.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			226.67		P	10.3
2	☐			227.78		P	18.4
3	☐			280.00		P	23.2
4	☐			273.34		P	13.7
5	☐			284.45		P	15.1
6	☐			363.34		P	10.4
7	☐			441.12		P	8.3
8	☐			1056.72		P	6.6

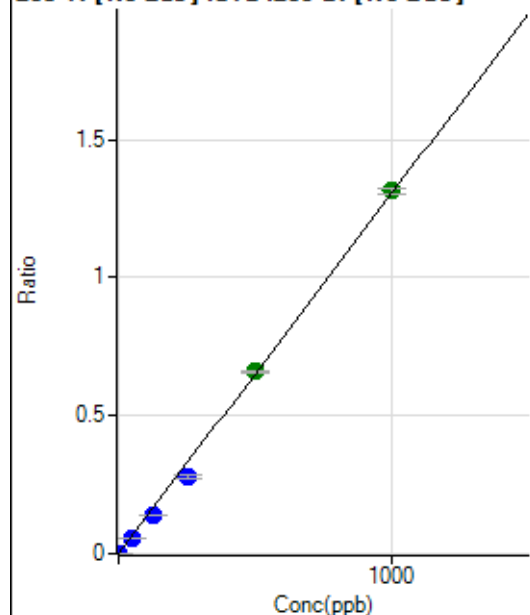
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	17.2
2	☐			56.67		P	5.9
3	☐			55.55		P	19.3
4	☐			63.33		P	15.8
5	☐			73.33		P	16.4
6	☐			116.67		P	24.4
7	☐			118.89		P	33.5
8	☐			107.78		P	23.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	48.0
2	☐			33.33		P	36.1
3	☐			34.45		P	45.7
4	☐			48.89		P	21.9
5	☐			42.22		P	16.4
6	☐			74.45		P	18.1
7	☐			73.33		P	29.8
8	☐			75.55		P	17.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	30.5
2	☐	1.000	0.788	5370.00	0.0011	P	1.5
3	☐	50.000	42.725	276946.83	0.0557	P	2.6
4	☐	125.000	107.005	695161.36	0.1394	P	0.7
5	☐	250.000	213.310	1393488.37	0.2779	P	3.0
6	☐	500.000	507.336	3203431.10	0.6609	A	1.1
7	☐	1000.000	1008.118	6371761.43	1.3133	A	1.4
8	☐			1088.95	0.0003	P	37.3

$$y = 0.0013 * x + 2.8813E-005$$

$$R = 0.9992$$

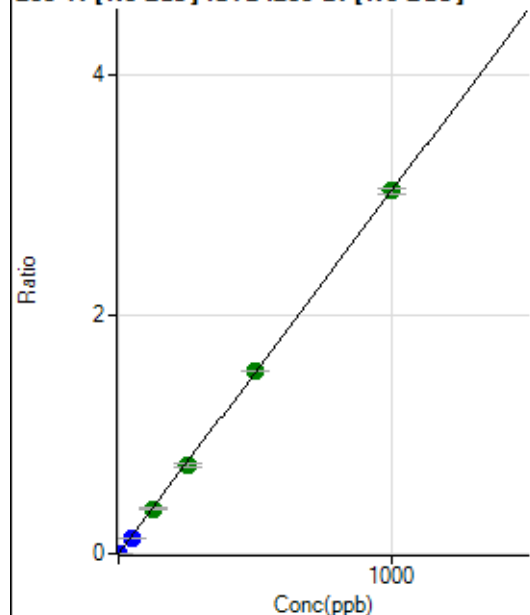
$$DL = 0.02021$$

$$BEC = 0.02212$$

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	316.53	0.0001	P	10.9
2	☐	1.000	0.806	12751.43	0.0025	P	1.7
3	☐	50.000	42.000	634015.34	0.1275	P	2.7
4	☐	125.000	124.130	1878036.75	0.3767	A	0.9
5	☐	250.000	243.196	3699719.46	0.7379	A	3.5
6	☐	500.000	503.699	7406785.28	1.5283	A	0.7
7	☐	1000.000	1000.360	14725443.80	3.0351	A	1.3
8	☐			2589.33	0.0007	P	33.1

$$y = 0.0030 * x + 6.0577E-005$$

$$R = 0.9999$$

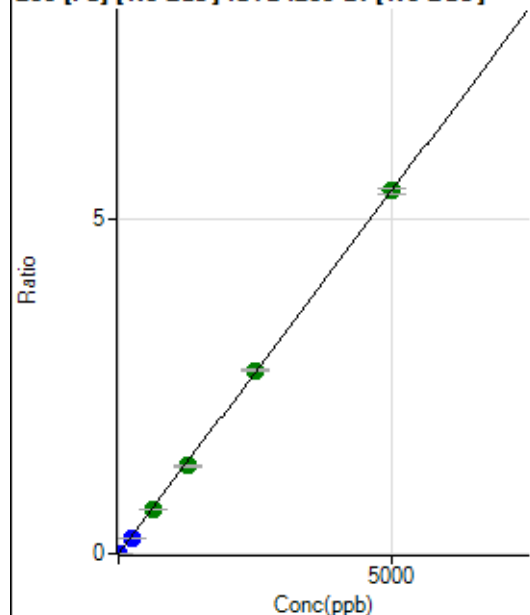
$$DL = 0.006523$$

$$BEC = 0.01997$$

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	244.45	0.0000	P	13.8
2	☐	1.000	0.790	4599.71	0.0009	P	2.2
3	☐	250.000	211.981	1144077.48	0.2301	P	3.5
4	☐	625.000	616.029	3332867.76	0.6685	A	1.2
5	☐	1250.000	1211.397	6591161.71	1.3145	A	3.1
6	☐	2500.000	2524.612	13277493.97	2.7395	A	1.0
7	☐	5000.000	5000.367	26325202.11	5.4259	A	1.6
8	☐			6263.80	0.0016	P	23.4

$$y = 0.0011 * x + 4.6724E-005$$

$$R = 0.9999$$

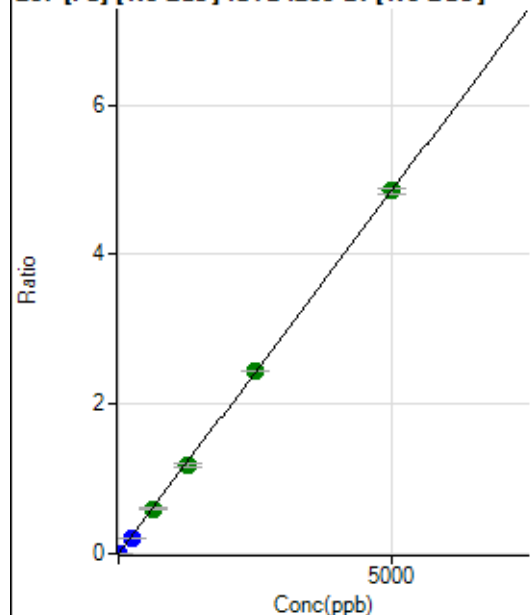
$$DL = 0.01776$$

$$BEC = 0.04306$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	215.56	0.0000	P	9.8
2	☐	1.000	0.723	3779.45	0.0007	P	1.7
3	☐	250.000	209.864	1012771.88	0.2037	P	3.4
4	☐	625.000	620.311	3000752.28	0.6019	A	1.2
5	☐	1250.000	1213.270	5902077.34	1.1772	A	3.8
6	☐	2500.000	2522.762	11863242.74	2.4477	A	0.5
7	☐	5000.000	5000.395	23537985.76	4.8516	A	1.5
8	☐			5281.14	0.0014	P	24.3

$$y = 9.7023E-004 * x + 4.1217E-005$$

$$R = 0.9999$$

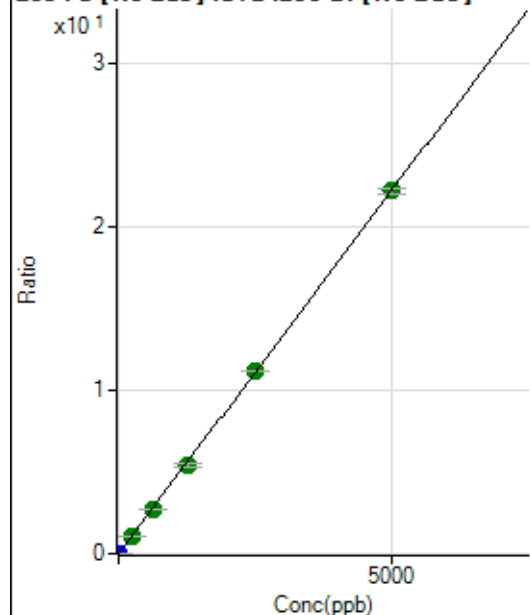
$$DL = 0.01244$$

$$BEC = 0.04248$$

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	1094.92	0.0002	P	8.0
2	☐	1.000	0.812	19389.47	0.0038	P	0.4
3	☐	250.000	228.342	5041513.83	1.0137	A	2.5
4	☐	625.000	615.797	13628549.72	2.7335	A	0.2
5	☐	1250.000	1215.485	27051342.75	5.3952	A	3.3
6	☐	2500.000	2524.114	54299698.11	11.2037	A	0.3
7	☐	5000.000	4998.805	107643206.0	22.1878	A	1.9
8	☐			24994.43	0.0064	P	22.2

$$y = 0.0044 * x + 2.0936E-004$$

$$R = 1.0000$$

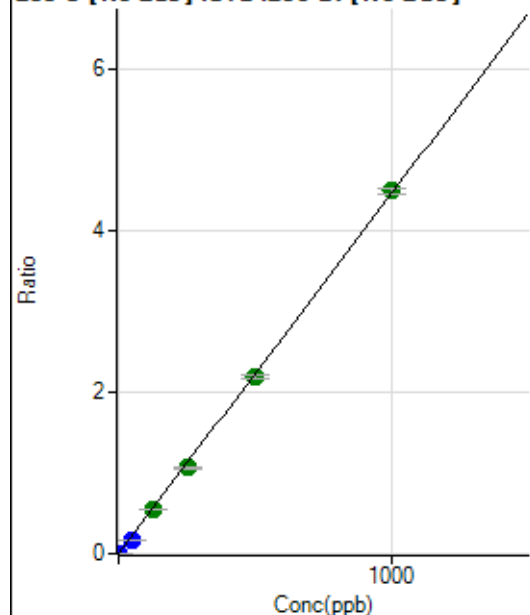
$$DL = 0.01125$$

$$BEC = 0.04717$$

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	5.56	0.0000	P	33.4
2	☐	1.000	0.723	16371.40	0.0032	P	0.5
3	☐	50.000	39.284	869514.61	0.1748	P	3.2
4	☐	125.000	121.204	2689745.34	0.5395	A	0.8
5	☐	250.000	239.859	5353207.18	1.0676	A	2.6
6	☐	500.000	492.130	10616455.19	2.1904	A	1.9
7	☐	1000.000	1007.481	21755121.76	4.4841	A	1.5
8	☐			2992.64	0.0008	P	39.5

$$y = 0.0045 * x + 1.0572E-006$$

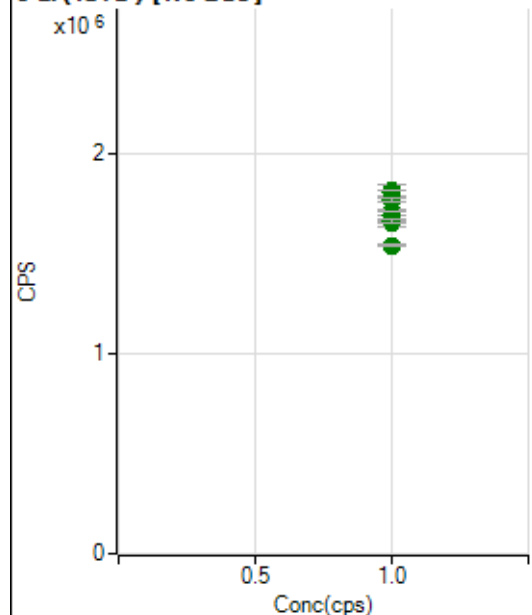
$$R = 0.9999$$

$$DL = 0.000238$$

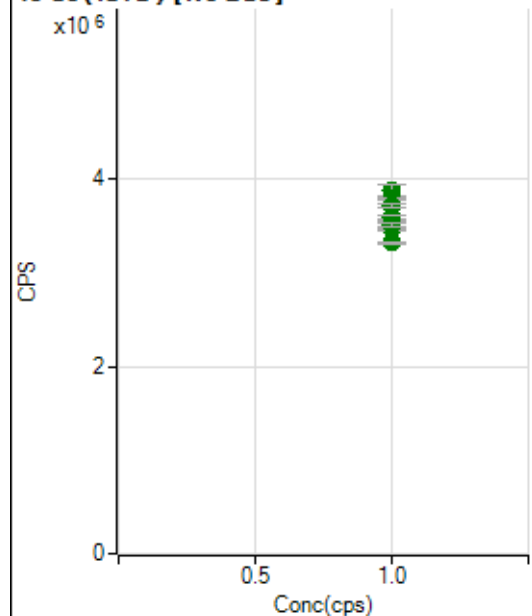
$$BEC = 0.0002375$$

Weight: <None>

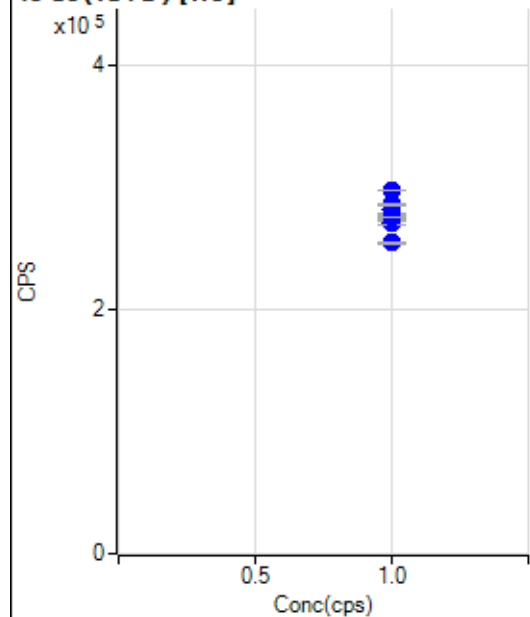
Min Conc: 0

6 Li (ISTD) [No Gas]

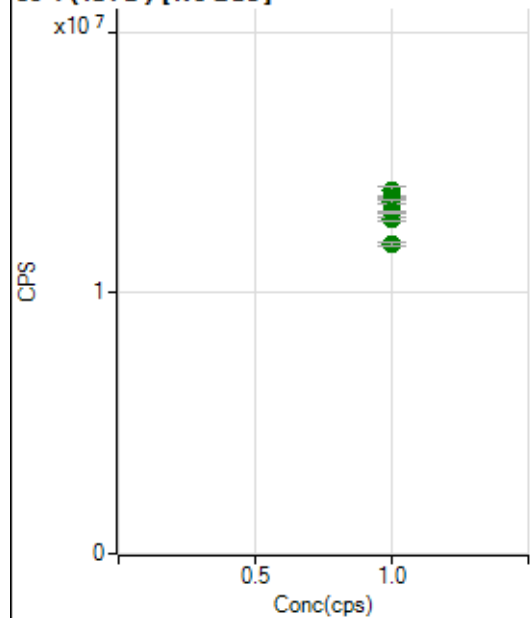
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1811612.37		A	3.7
2	☐	1.000		1802816.19		A	1.4
3	☐	1.000		1767909.96		A	1.2
4	☐	1.000		1706904.47		A	1.5
5	☐	1.000		1692751.27		A	2.4
6	☐	1.000		1647616.76		A	1.6
7	☐	1.000		1657391.49		A	1.2
8	☐	1.000		1540712.49		A	0.6

45 Sc (ISTD) [No Gas]

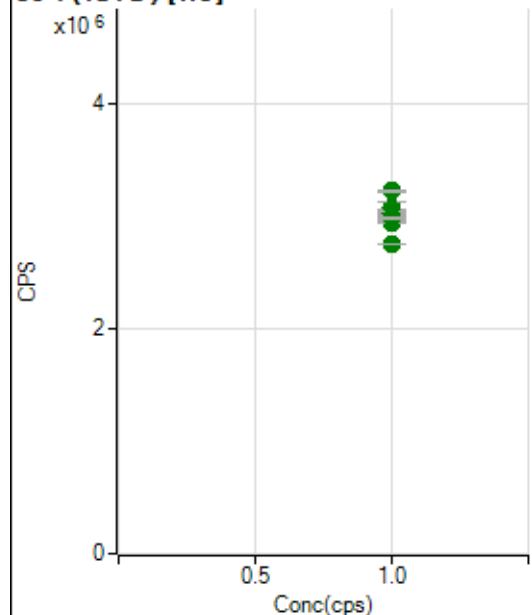
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3870194.88		A	3.0
2	☐	1.000		3785910.08		A	1.0
3	☐	1.000		3714172.37		A	0.6
4	☐	1.000		3546821.89		A	0.8
5	☐	1.000		3586808.52		A	1.8
6	☐	1.000		3461663.56		A	0.7
7	☐	1.000		3506087.86		A	1.0
8	☐	1.000		3314782.73		A	0.8

45 Sc (ISTD) [He]

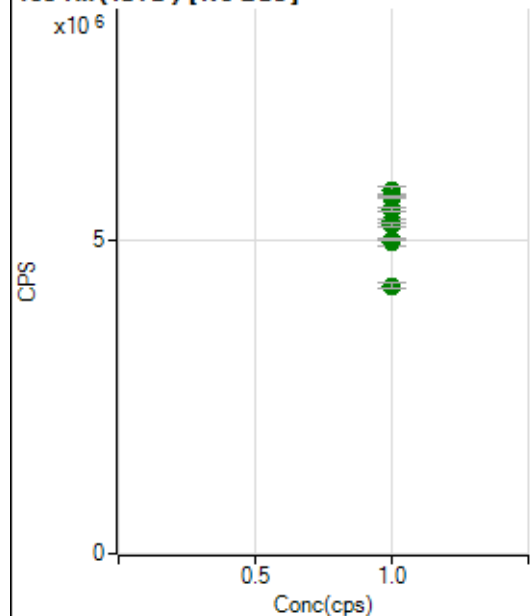
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		281839.55		P	3.7
2	☐	1.000		297033.32		P	0.2
3	☐	1.000		285995.19		P	0.7
4	☐	1.000		277579.80		P	0.8
5	☐	1.000		274516.02		P	0.5
6	☐	1.000		270575.33		P	0.9
7	☐	1.000		274976.40		P	0.1
8	☐	1.000		254676.08		P	0.6

89 Y (ISTD) [No Gas]

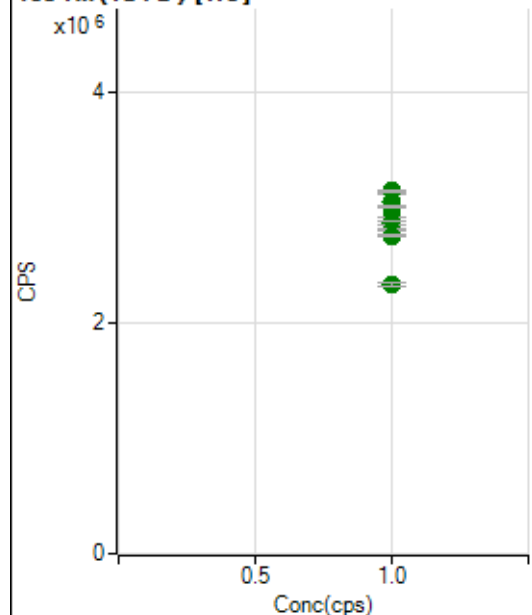
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13907273.96		A	2.3
2	☐	1.000		13611463.41		A	0.5
3	☐	1.000		13474754.80		A	1.0
4	☐	1.000		13075008.28		A	0.3
5	☐	1.000		13076996.89		A	0.9
6	☐	1.000		12815469.53		A	1.1
7	☐	1.000		13089440.64		A	0.5
8	☐	1.000		11901633.43		A	1.3

89 Y(ISTD) [He]

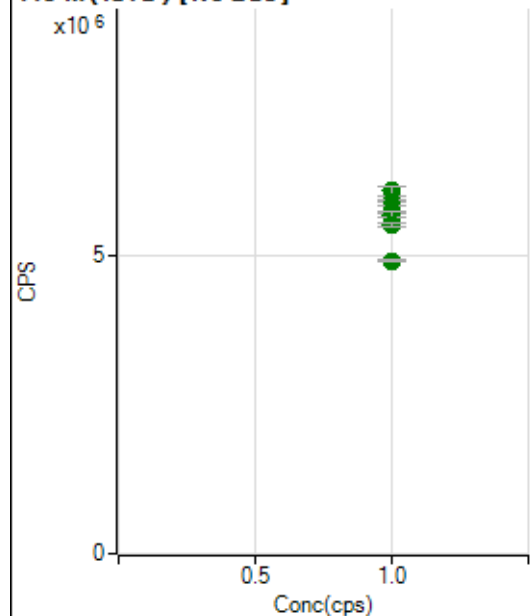
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3081496.38		A	3.4
2	☐	1.000		3226861.27		A	0.4
3	☐	1.000		3053245.03		A	0.9
4	☐	1.000		3030009.19		A	1.1
5	☐	1.000		2996834.64		A	1.2
6	☐	1.000		2944070.48		A	0.5
7	☐	1.000		2989221.59		A	0.6
8	☐	1.000		2755114.02		A	0.1

103 Rh(ISTD) [No Gas]

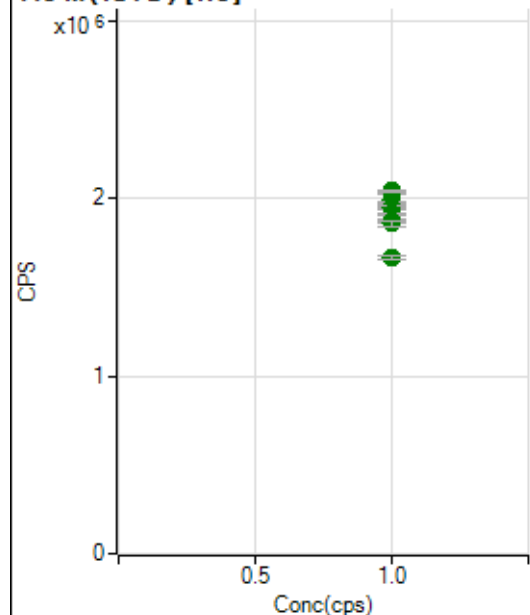
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5803160.82		A	2.3
2	☐	1.000		5695259.01		A	0.4
3	☐	1.000		5505065.40		A	1.0
4	☐	1.000		5322714.23		A	0.9
5	☐	1.000		5253978.81		A	1.3
6	☐	1.000		4980463.92		A	2.1
7	☐	1.000		5025262.22		A	0.3
8	☐	1.000		4278856.99		A	2.2

103 Rh (ISTD) [He]

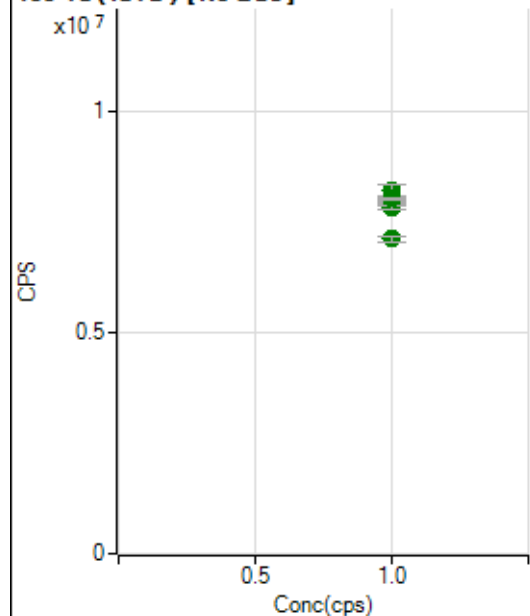
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3059023.29		A	3.9
2	☐	1.000		3146514.43		A	0.7
3	☐	1.000		3007441.03		A	0.5
4	☐	1.000		2917780.23		A	0.4
5	☐	1.000		2867975.79		A	0.8
6	☐	1.000		2806492.32		A	0.6
7	☐	1.000		2758313.71		A	0.5
8	☐	1.000		2334789.15		A	1.7

115 In (ISTD) [No Gas]

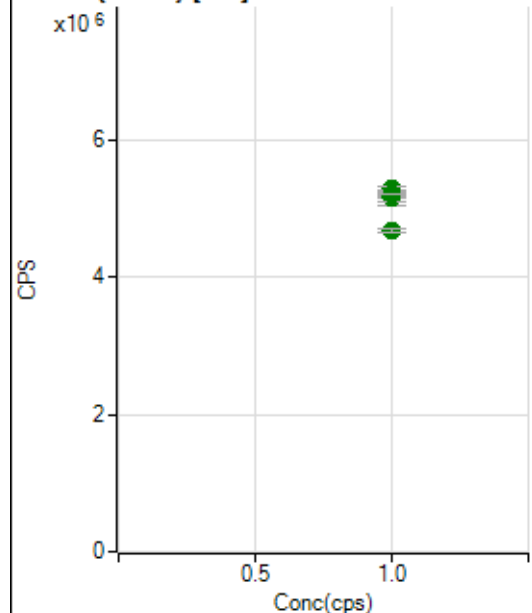
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6105580.09		A	2.6
2	☐	1.000		5934332.55		A	0.9
3	☐	1.000		5852844.96		A	0.3
4	☐	1.000		5752458.75		A	0.4
5	☐	1.000		5705651.65		A	1.5
6	☐	1.000		5547633.89		A	1.1
7	☐	1.000		5523071.25		A	1.3
8	☐	1.000		4933822.93		A	1.2

115 In (ISTD) [He]

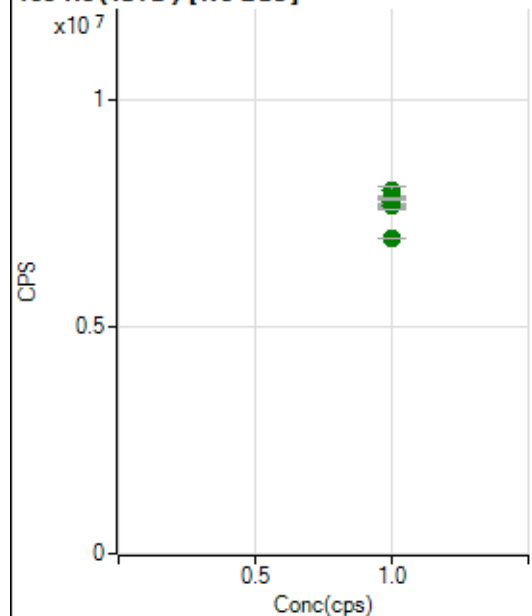
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1987517.70		A	3.6
2	☐	1.000		2041311.06		A	0.9
3	☐	1.000		1974486.82		A	0.8
4	☐	1.000		1942312.05		A	1.1
5	☐	1.000		1912505.94		A	0.7
6	☐	1.000		1870874.41		A	0.7
7	☐	1.000		1859231.12		A	1.6
8	☐	1.000		1668719.99		A	1.2

159 Tb (ISTD) [No Gas]

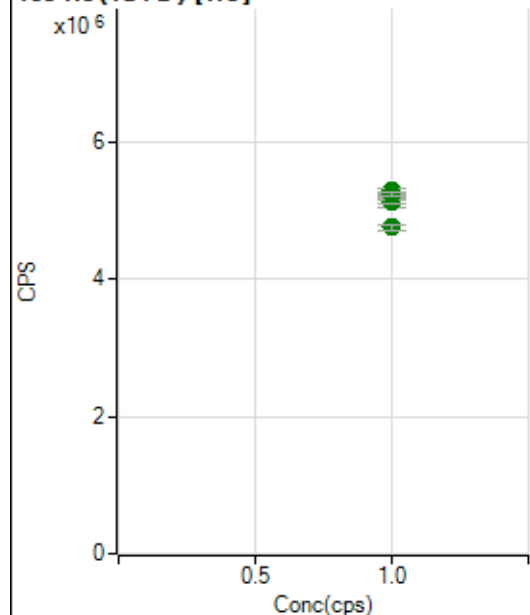
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8205098.35		A	3.3
2	☐	1.000		7998826.69		A	1.1
3	☐	1.000		7940905.86		A	0.6
4	☐	1.000		7870742.45		A	0.3
5	☐	1.000		7996579.67		A	1.6
6	☐	1.000		7822992.52		A	1.0
7	☐	1.000		8029314.18		A	0.9
8	☐	1.000		7113221.91		A	1.9

159 Tb (ISTD) [He]

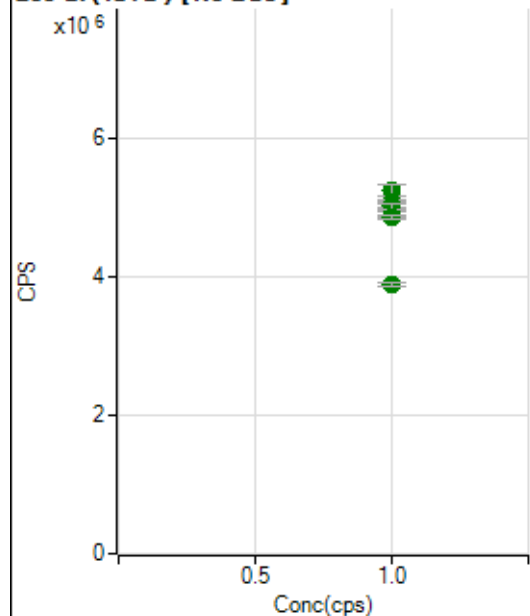
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5139652.87		A	3.5
2	☐	1.000		5283622.45		A	1.3
3	☐	1.000		5220118.60		A	1.3
4	☐	1.000		5193974.78		A	0.2
5	☐	1.000		5183021.45		A	0.7
6	☐	1.000		5146813.15		A	2.1
7	☐	1.000		5206805.75		A	0.4
8	☐	1.000		4686551.35		A	1.0

165 Ho (ISTD) [No Gas]

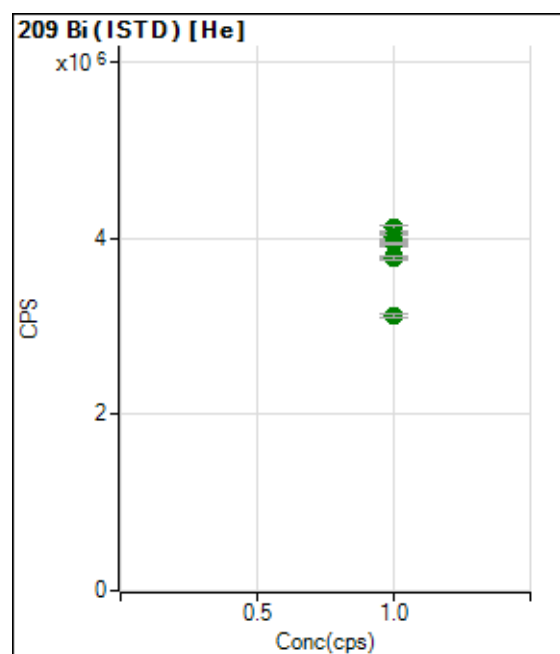
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7996108.77		A	2.7
2	☐	1.000		7761373.22		A	1.6
3	☐	1.000		7762262.87		A	1.4
4	☐	1.000		7660275.86		A	0.5
5	☐	1.000		7832916.76		A	0.7
6	☐	1.000		7662830.23		A	1.8
7	☐	1.000		7816592.45		A	0.9
8	☐	1.000		6949359.27		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5115911.87		A	3.3
2	☐	1.000		5278182.49		A	1.3
3	☐	1.000		5207515.83		A	0.5
4	☐	1.000		5203499.92		A	0.7
5	☐	1.000		5168030.06		A	0.2
6	☐	1.000		5122844.40		A	1.2
7	☐	1.000		5234350.31		A	0.7
8	☐	1.000		4742194.51		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5235431.97		A	3.1
2	☐	1.000		5086445.83		A	0.7
3	☐	1.000		4974227.49		A	1.2
4	☐	1.000		4985840.55		A	0.6
5	☐	1.000		5015962.46		A	1.8
6	☐	1.000		4846615.31		A	0.4
7	☐	1.000		4852067.98		A	1.0
8	☐	1.000		3883872.93		A	1.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3979143.31		A	3.5
2	☐	1.000		4114220.15		A	1.6
3	☐	1.000		4015370.08		A	1.1
4	☐	1.000		3968612.51		A	0.3
5	☐	1.000		3940363.66		A	0.6
6	☐	1.000		3785515.46		A	0.8
7	☐	1.000		3773597.13		A	1.4
8	☐	1.000		3122410.41		A	1.1