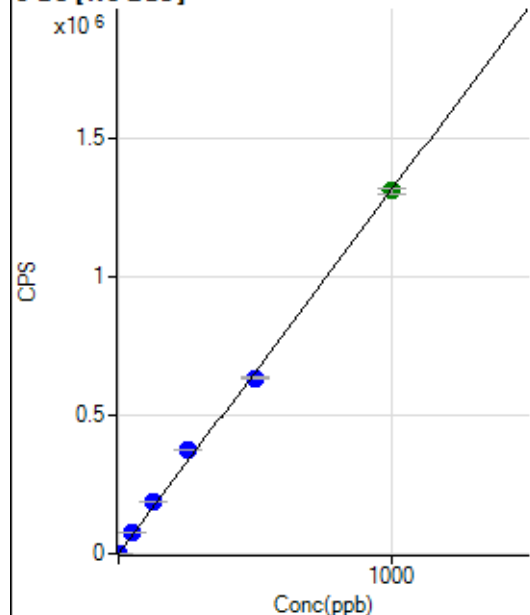


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081023MS.b\
Analysis File: P8081023MS.batch.bin
DA Date-Time: 2023-08-10 12:32:31
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-10 10:05:58
2	006CALS.d	S02	2023-08-10 10:12:09
3	007CALS.d	S03	2023-08-10 10:15:14
4	008CALS.d	S04	2023-08-10 10:18:15
5	009CALS.d	S05	2023-08-10 10:21:14
6	011CALS.d	S06	2023-08-10 10:27:13
7	013CALS.d	S07	2023-08-10 10:33:16
8	014CALS.d	S08	2023-08-10 10:36:17

9 Be [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.08		P	22.9
2	☐	1.000	1.195	1619.06		P	3.2
3	☐	50.000	60.267	79320.15		P	0.7
4	☐	125.000	144.037	189509.20		P	1.2
5	☐	250.000	284.335	374053.98		P	0.5
6	☐	500.000	481.727	633698.22		P	0.9
7	☐	1000.000	997.660	1312343.68		A	1.5
8	☐			292.51		P	83.0

$$y = 1315.3748 * x + 47.0767$$

$$R = 0.9990$$

$$DL = 0.02457$$

$$BEC = 0.03579$$

Weight: <None>

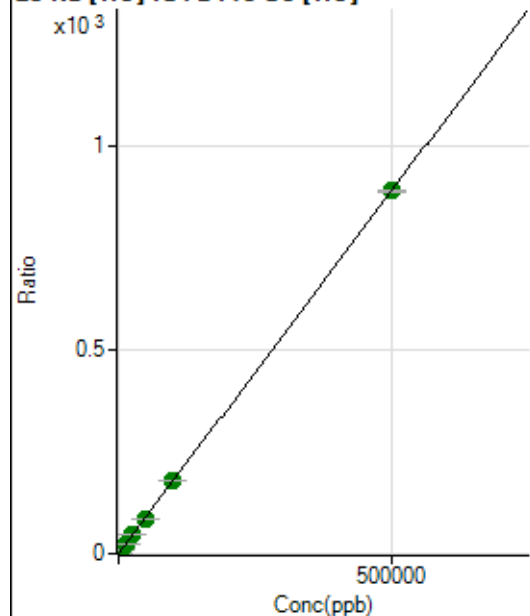
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2535197.06		A	0.9
2	☐			2457444.24		A	0.9
3	☐			2490678.16		A	1.6
4	☐			2450551.75		A	1.2
5	☐			2437881.28		A	0.4
6	☐			2286125.44		A	0.9
7	☐			2354363.92		A	1.9
8	☐			2335652.35		A	4.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34585.59		P	1.9
2	☐			32333.27		P	1.1
3	☐			33043.21		P	0.7
4	☐			31924.20		P	1.5
5	☐			32300.02		P	0.6
6	☐			31164.24		P	0.3
7	☐			33344.04		P	2.2
8	☐			38272.72		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19001.72	0.1395	P	1.3
2	☐	500.000	511.950	141938.99	1.0504	P	5.5
3	☐	5000.000	5368.461	1342621.26	9.6915	A	0.9
4	☐	12500.000	12785.208	3144987.35	22.8880	A	1.2
5	☐	25000.000	25770.859	6136318.23	45.9931	A	3.4
6	☐	50000.000	48410.306	10662156.66	86.2749	A	1.4
7	☐	100000.00	100306.39	22702894.08	178.6125	A	0.7
8	☐	500000.00	500048.32	116644095.6	889.8644	A	0.8

$$y = 0.0018 * x + 0.1395$$

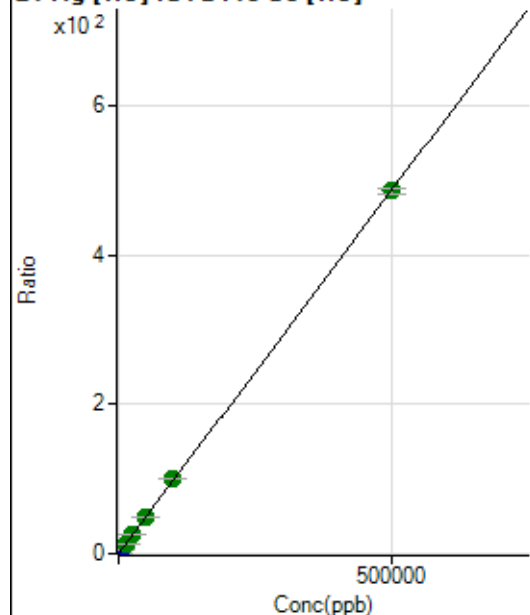
$$R = 1.0000$$

$$DL = 3.004$$

$$BEC = 78.42$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0012	P	23.8
2	☐	500.000	516.093	67973.24	0.5034	P	7.6
3	☐	5000.000	5542.097	747374.21	5.3945	P	1.4
4	☐	12500.000	13225.788	1768699.67	12.8719	A	1.0
5	☐	25000.000	26776.588	3476830.85	26.0589	A	3.2
6	☐	50000.000	49504.050	5953776.74	48.1761	A	1.1
7	☐	100000.00	102677.41	12700989.95	99.9219	A	0.8
8	☐	500000.00	499401.70	63703029.20	485.9949	A	1.4

$$y = 9.7315\text{E-}004 * x + 0.0012$$

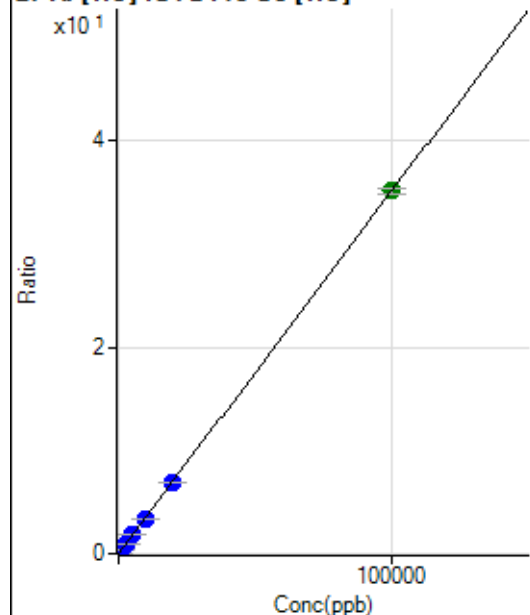
$$R = 1.0000$$

$$DL = 0.854$$

$$BEC = 1.194$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.91	0.0007	P	5.9
2	☐	20.000	20.430	1058.24	0.0079	P	12.8
3	☐	1000.000	1026.614	49998.48	0.3609	P	0.2
4	☐	2500.000	2612.417	126043.34	0.9173	P	1.7
5	☐	5000.000	5326.713	249505.86	1.8697	P	2.5
6	☐	10000.000	9431.592	409068.42	3.3101	P	1.2
7	☐	20000.000	19648.115	876349.42	6.8949	P	0.4
8	☐	100000.00	100107.80	4604342.12	35.1269	A	1.4

$$y = 3.5088\text{E-}004 * x + 6.8234\text{E-}004$$

$$R = 1.0000$$

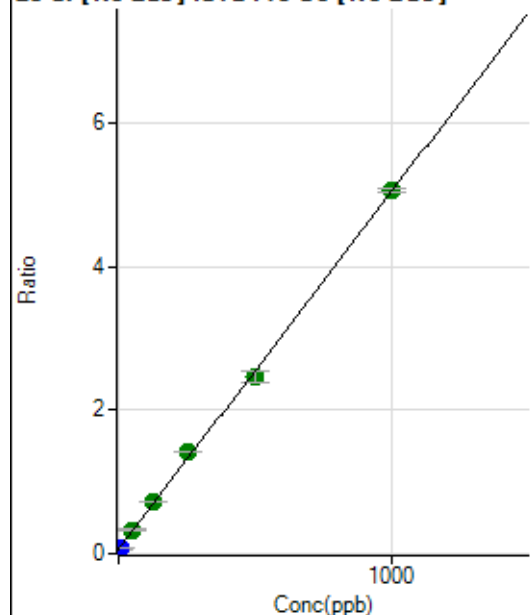
$$DL = 0.3438$$

$$BEC = 1.945$$

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	232243.86	0.0610	P	14.5
2	☐	10.000	1.697	273101.75	0.0695	P	6.6
3	☐	50.000	54.956	1306731.98	0.3346	A	3.6
4	☐	125.000	133.807	2789474.50	0.7271	A	0.1
5	☐	250.000	273.211	5246105.46	1.4210	A	0.0
6	☐	500.000	481.258	9265283.54	2.4565	A	6.1
7	☐	1000.000	1002.303	18399637.22	5.0500	A	1.2
8	☐			637671.56	0.1832	P	16.3

$$y = 0.0050 * x + 0.0610$$

$$R = 0.9993$$

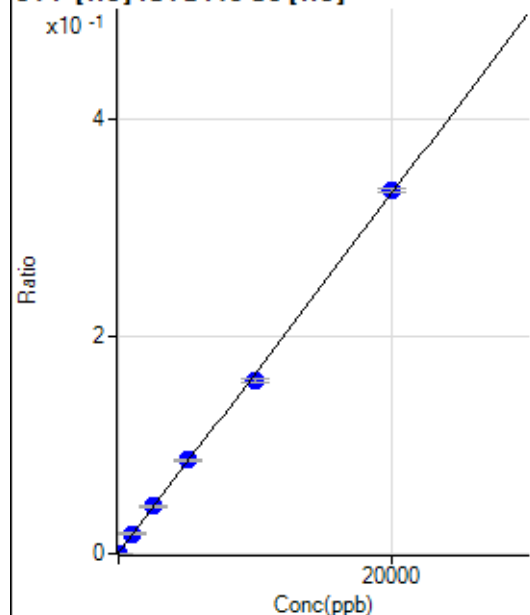
$$DL = 5.351$$

$$BEC = 12.26$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-0.687	77.78	0.0006	P	53.6
2	☐	0.000	0.687	80.56	0.0006	P	11.1
3	☐	1000.000	1064.853	2525.29	0.0182	P	8.0
4	☐	2500.000	2591.988	5981.93	0.0435	P	3.1
5	☐	5000.000	5185.509	11546.58	0.0865	P	2.6
6	☐	10000.000	9593.831	19722.12	0.1596	P	1.5
7	☐	20000.000	20141.966	42501.90	0.3344	P	1.2
8	☐			116.67	0.0009	P	44.0

$$y = 1.6574E-005 * x + 5.8152E-004$$

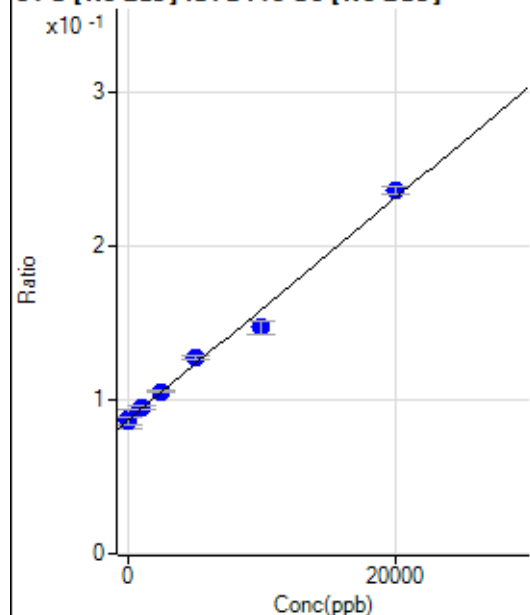
$$R = 0.9996$$

$$DL = 33.6$$

$$BEC = 35.09$$

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	95.766	334706.80	0.0879	P	13.6
2	☐	0.000	-95.766	339979.39	0.0865	P	6.7
3	☐	1000.000	1115.548	371901.23	0.0952	P	3.6
4	☐	2500.000	2554.727	405150.94	0.1056	P	1.7
5	☐	5000.000	5644.932	472181.29	0.1279	P	1.5
6	☐	10000.000	8317.387	555343.19	0.1472	P	5.4
7	☐	20000.000	20667.455	860856.66	0.2363	P	2.0
8	☐			276209.90	0.0791	P	6.5

$$y = 7.2148\text{E-}006 * x + 0.0872$$

$$R = 0.9943$$

$$DL = 3681$$

$$BEC = 1.208\text{E}+04$$

Weight: <None>

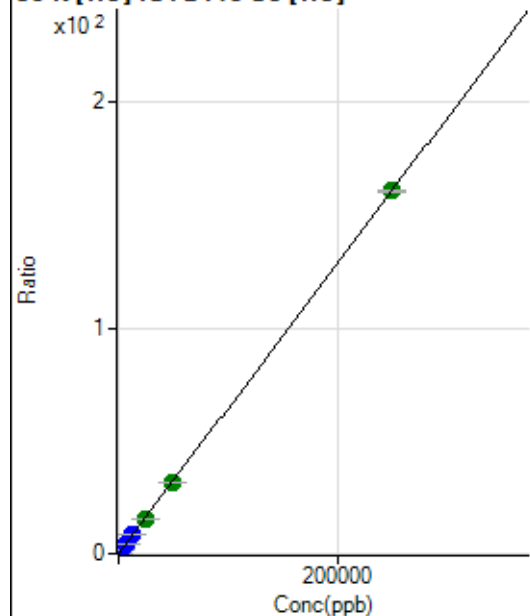
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			159788.28		P	1.6
2	☐			150165.09		P	1.9
3	☐			155944.84		P	1.3
4	☐			151532.03		P	2.1
5	☐			151467.30		P	2.4
6	☐			139506.90		P	1.9
7	☐			141661.19		P	1.2
8	☐			154344.45		P	2.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1238.97		P	7.4
2	☐			1133.41		P	15.9
3	☐			1108.40		P	5.4
4	☐			1147.30		P	3.6
5	☐			1050.06		P	3.5
6	☐			1013.96		P	11.2
7	☐			1030.62		P	10.8
8	☐			1272.31		P	14.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10656.94	0.0783	P	0.4
2	☐	500.000	481.172	52259.16	0.3871	P	8.5
3	☐	2500.000	2577.683	240067.98	1.7329	P	0.3
4	☐	6250.000	6270.919	563839.09	4.1035	P	1.4
5	☐	12500.000	12706.504	1098916.57	8.2345	P	2.2
6	☐	25000.000	23785.031	1896581.06	15.3458	A	1.4
7	☐	50000.000	48710.396	3984071.53	31.3453	A	1.2
8	☐	250000.00	250367.83	21076361.93	160.7887	A	0.6

$$y = 6.4190\text{E-}004 * x + 0.0783$$

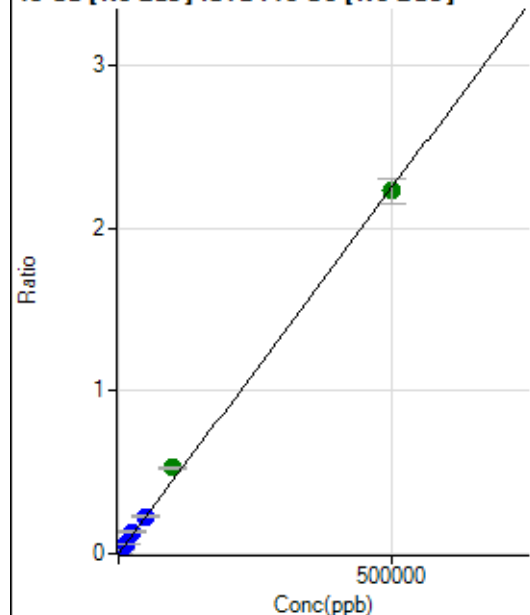
$$R = 1.0000$$

$$DL = 1.629$$

$$BEC = 121.9$$

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	192.48	0.0001	P	17.9
2	☐	500.000	467.222	8443.52	0.0021	P	7.7
3	☐	5000.000	5875.759	103273.90	0.0264	P	2.7
4	☐	12500.000	14345.556	247384.56	0.0645	P	0.4
5	☐	25000.000	30028.358	498033.19	0.1349	P	1.6
6	☐	50000.000	51019.245	864216.84	0.2292	P	6.8
7	☐	100000.00	117783.27	1927527.84	0.5291	A	1.4
8	☐	500000.00	496035.13	7780912.24	2.2279	A	7.2

$$y = 4.4913E-006 * x + 5.0685E-005$$

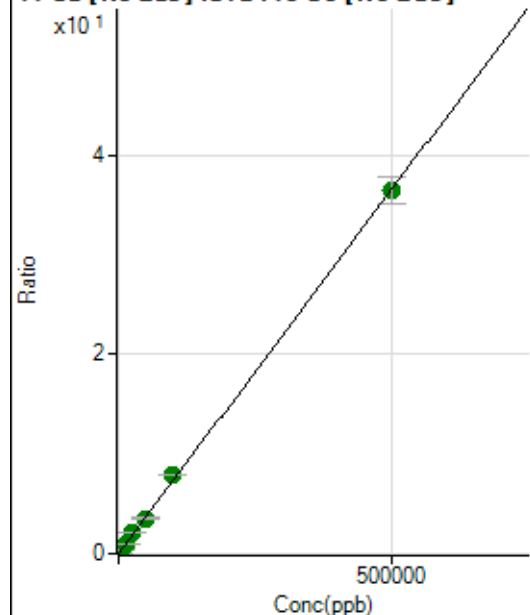
$$R = 0.9993$$

$$DL = 6.069$$

$$BEC = 11.29$$

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	21069.80	0.0055	P	13.6
2	☐	500.000	461.748	154363.52	0.0393	P	6.1
3	☐	5000.000	5646.687	1632521.07	0.4180	A	3.3
4	☐	12500.000	13627.084	3840501.01	1.0010	A	0.5
5	☐	25000.000	28101.909	7598348.55	2.0583	A	1.8
6	☐	50000.000	48512.500	13387264.63	3.5493	A	6.0
7	☐	100000.00	107897.41	28738165.49	7.8873	A	0.8
8	☐	500000.00	498379.56	127145824.4	36.4116	A	7.6

$$y = 7.3049E-005 * x + 0.0055$$

$$R = 0.9998$$

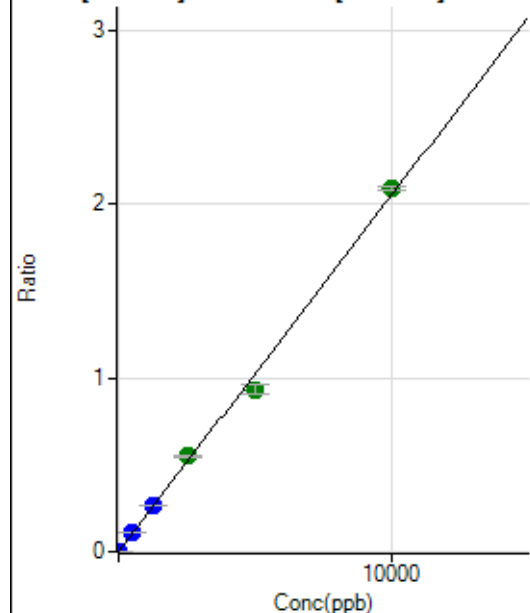
$$DL = 30.89$$

$$BEC = 75.73$$

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	111.12	0.0000	P	13.1
2	☐	5.000	5.163	4272.97	0.0011	P	11.7
3	☐	500.000	536.004	429930.07	0.1101	P	4.3
4	☐	1250.000	1303.034	1026820.58	0.2676	P	0.6
5	☐	2500.000	2673.003	2026756.73	0.5490	A	1.8
6	☐	5000.000	4540.702	3517195.31	0.9325	A	6.3
7	☐	10000.000	10177.969	7615785.24	2.0902	A	1.0
8	☐			1033.55	0.0003	P	35.2

$$y = 2.0537\text{E-}004 * x + 2.9151\text{E-}005$$

$$R = 0.9983$$

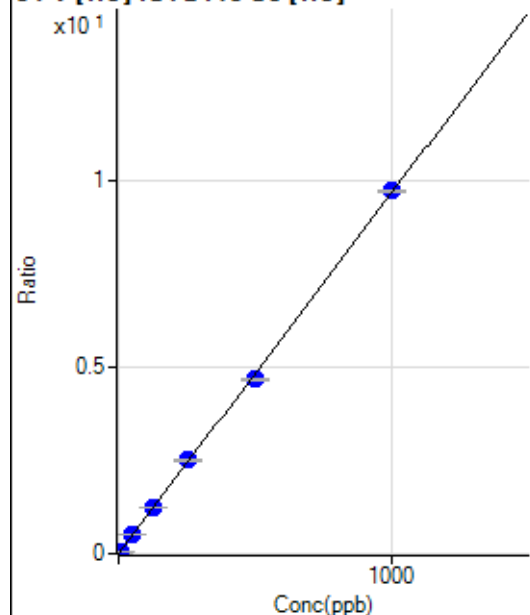
$$DL = 0.05595$$

$$BEC = 0.1419$$

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	15.56	0.0001	P	61.7
2	☐	5.000	5.048	6606.03	0.0489	P	7.9
3	☐	50.000	52.174	69914.06	0.5047	P	1.0
4	☐	125.000	126.483	168084.35	1.2233	P	1.7
5	☐	250.000	258.834	333981.41	2.5032	P	3.3
6	☐	500.000	482.746	576953.52	4.6686	P	1.4
7	☐	1000.000	1006.124	1236679.04	9.7300	P	0.7
8	☐			314.45	0.0024	P	1.3

$$y = 0.0097 * x + 1.1415\text{E-}004$$

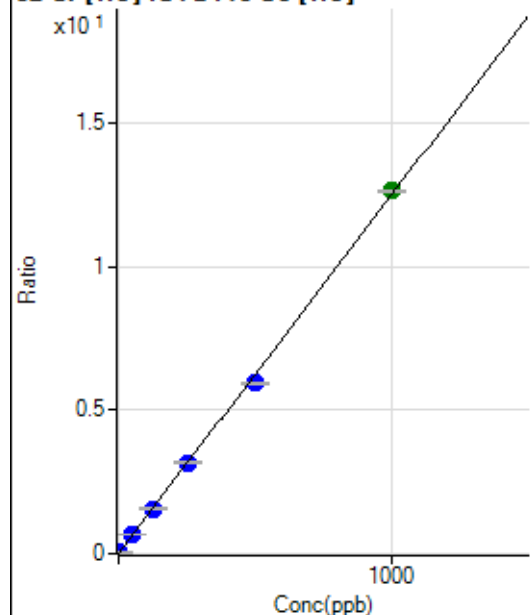
$$R = 0.9997$$

$$DL = 0.02184$$

$$BEC = 0.0118$$

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	1141.17	0.0084	P	3.8
2	☐	2.000	2.043	4578.55	0.0339	P	8.4
3	☐	50.000	51.364	90124.08	0.6506	P	0.2
4	☐	125.000	125.190	216206.80	1.5736	P	2.0
5	☐	250.000	253.872	424634.94	3.1824	P	2.9
6	☐	500.000	474.766	734605.42	5.9441	P	1.2
7	☐	1000.000	1011.557	1608504.27	12.6554	A	0.5
8	☐			10248.18	0.0782	P	1.0

$$y = 0.0125 * x + 0.0084$$

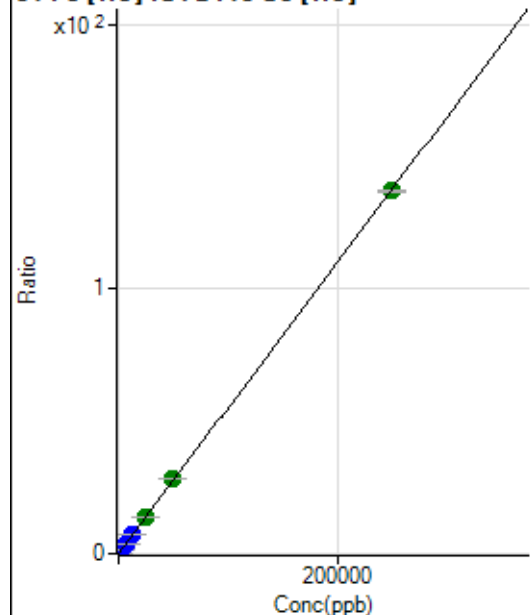
$$R = 0.9995$$

$$DL = 0.07631$$

$$BEC = 0.6703$$

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	425.94	0.0031	P	5.9
2	☐	50.000	53.826	4410.02	0.0327	P	12.3
3	☐	2500.000	2673.878	204028.18	1.4727	P	1.1
4	☐	6250.000	6472.914	489249.36	3.5607	P	1.4
5	☐	12500.000	13111.653	961939.75	7.2093	P	3.0
6	☐	25000.000	25497.865	1732475.89	14.0168	A	0.3
7	☐	50000.000	52071.042	3638003.21	28.6215	A	0.6
8	☐	250000.00	249498.11	17974356.19	137.1279	A	0.8

$$y = 5.4960E-004 * x + 0.0031$$

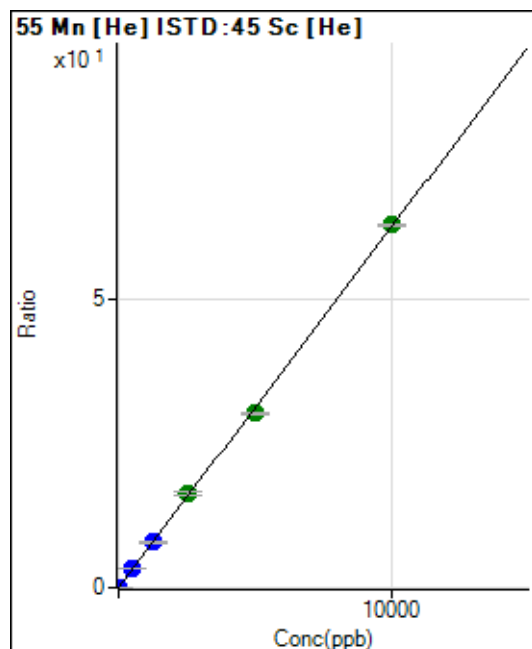
$$R = 1.0000$$

$$DL = 1.012$$

$$BEC = 5.69$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0005	P	3.5
2	☐	1.000	1.054	952.26	0.0070	P	3.7
3	☐	500.000	516.183	445726.13	3.2175	P	0.5
4	☐	1250.000	1256.933	1076443.10	7.8340	P	1.1
5	☐	2500.000	2596.081	2158602.94	16.1799	A	3.6
6	☐	5000.000	4832.178	3722508.87	30.1158	A	1.4
7	☐	10000.000	10058.215	7967867.11	62.6858	A	0.3
8	☐			5869.04	0.0448	P	1.5

$$y = 0.0062 * x + 4.7326E-004$$

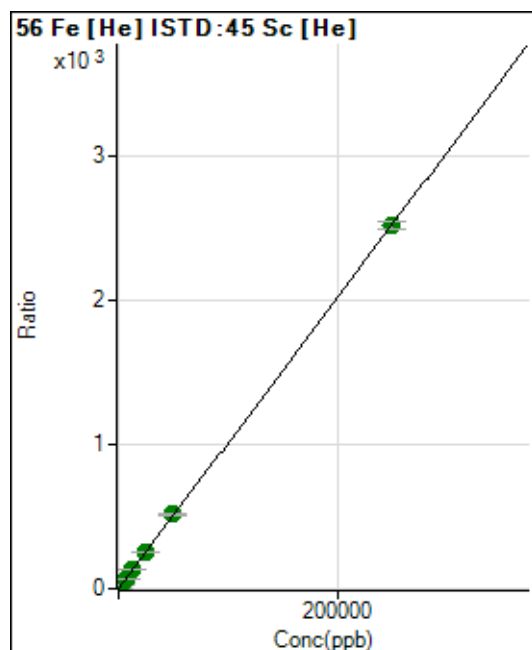
$$R = 0.9997$$

$$DL = 0.007981$$

$$BEC = 0.07594$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3276.36	0.0241	P	7.2
2	☐	50.000	51.003	72578.07	0.5372	P	6.1
3	☐	2500.000	2655.065	3703879.42	26.7366	A	0.4
4	☐	6250.000	6469.153	8946233.24	65.1100	A	1.5
5	☐	12500.000	13193.258	17710726.09	132.7611	A	4.0
6	☐	25000.000	24601.411	30593647.91	247.5382	A	0.7
7	☐	50000.000	51193.479	65472604.70	515.0802	A	1.5
8	☐	250000.00	249759.47	329350185.1	2.512.847	A	2.1

$$y = 0.0101 * x + 0.0241$$

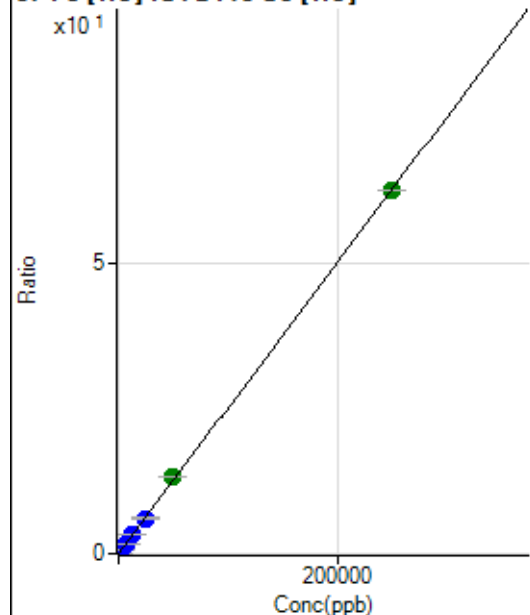
$$R = 1.0000$$

$$DL = 0.5144$$

$$BEC = 2.391$$

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	114.82	0.0008	P	11.8
2	☐	50.000	54.686	1964.99	0.0145	P	3.4
3	☐	2500.000	2635.970	91523.56	0.6607	P	0.5
4	☐	6250.000	6451.311	222011.60	1.6157	P	0.8
5	☐	12500.000	13074.528	436867.51	3.2736	P	2.5
6	☐	25000.000	24284.589	751315.01	6.0796	P	1.7
7	☐	50000.000	52500.367	1670436.27	13.1424	A	0.3
8	☐	250000.00	249536.34	8188088.03	62.4633	A	0.0

$$y = 2.5031\text{E-}004 * x + 8.4282\text{E-}004$$

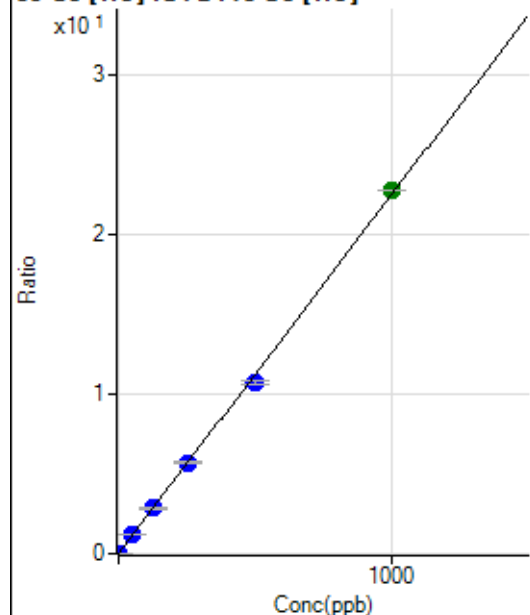
$$R = 0.9999$$

$$DL = 1.191$$

$$BEC = 3.367$$

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	57.78	0.0004	P	25.6
2	☐	1.000	1.029	3188.17	0.0236	P	6.0
3	☐	50.000	51.795	161616.60	1.1666	P	0.7
4	☐	125.000	126.036	389967.01	2.8381	P	1.4
5	☐	250.000	254.177	763550.24	5.7231	P	3.5
6	☐	500.000	475.920	1324336.56	10.7156	P	1.5
7	☐	1000.000	1010.776	2892602.21	22.7576	A	0.1
8	☐			6767.23	0.0516	P	1.8

$$y = 0.0225 * x + 4.2392\text{E-}004$$

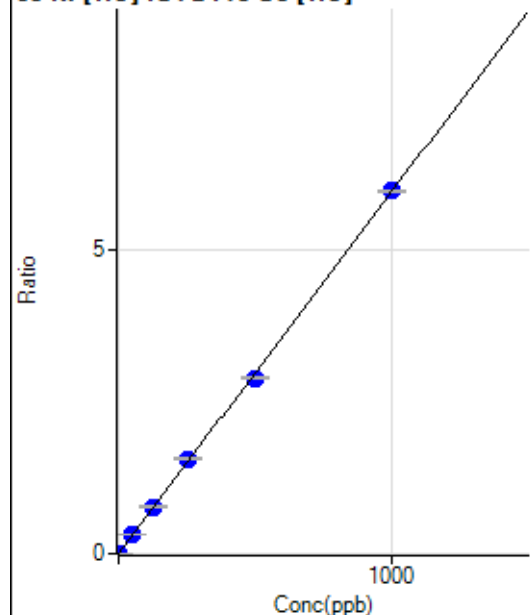
$$R = 0.9996$$

$$DL = 0.01445$$

$$BEC = 0.01883$$

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	47.78	0.0004	P	4.5
2	☐	1.000	1.099	927.82	0.0069	P	13.2
3	☐	50.000	53.442	44045.82	0.3179	P	1.5
4	☐	125.000	130.014	106200.54	0.7729	P	1.8
5	☐	250.000	262.373	208060.09	1.5595	P	3.4
6	☐	500.000	485.765	356785.45	2.8869	P	0.9
7	☐	1000.000	1003.225	757770.82	5.9618	P	0.4
8	☐			4087.29	0.0312	P	3.9

$$y = 0.0059 * x + 3.5090E-004$$

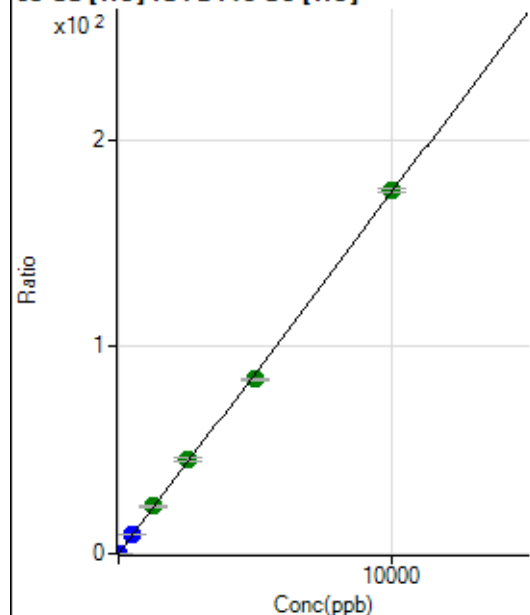
$$R = 0.9998$$

$$DL = 0.008038$$

$$BEC = 0.05905$$

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	635.58	0.0047	P	9.1
2	☐	2.000	2.112	5605.60	0.0415	P	6.4
3	☐	500.000	526.926	1273451.85	9.1924	P	0.5
4	☐	1250.000	1312.095	3144074.95	22.8830	A	2.0
5	☐	2500.000	2600.369	6049635.53	45.3460	A	3.7
6	☐	5000.000	4832.506	10413979.29	84.2667	A	1.3
7	☐	10000.000	10049.547	22271353.28	175.2336	A	1.1
8	☐			10099.23	0.0771	P	3.4

$$y = 0.0174 * x + 0.0047$$

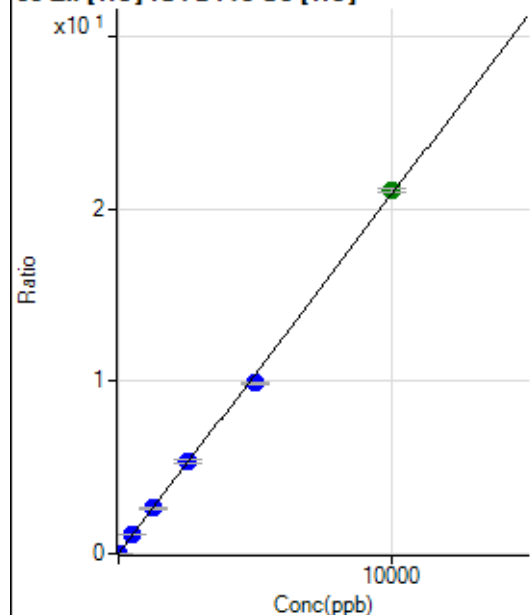
$$R = 0.9997$$

$$DL = 0.07288$$

$$BEC = 0.2676$$

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	117.78	0.0009	P	9.0
2	☐	2.000	2.370	783.36	0.0058	P	13.2
3	☐	500.000	523.384	151025.83	1.0901	P	0.8
4	☐	1250.000	1265.982	362137.53	2.6356	P	1.4
5	☐	2500.000	2553.224	709012.31	5.3146	P	3.8
6	☐	5000.000	4758.422	1223940.01	9.9040	P	1.4
7	☐	10000.000	10104.316	2673136.54	21.0297	A	1.0
8	☐			5378.85	0.0410	P	4.8

$$y = 0.0021 * x + 8.6503E-004$$

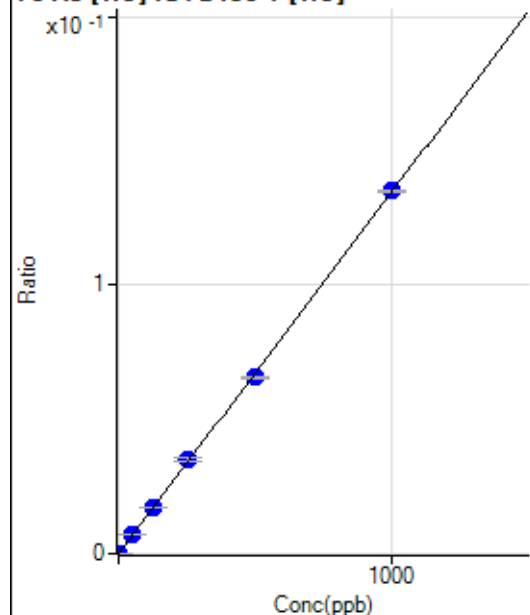
$$R = 0.9995$$

$$DL = 0.112$$

$$BEC = 0.4156$$

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	4.67	0.0000	P	24.3
2	☐	1.000	1.055	156.69	0.0001	P	9.7
3	☐	50.000	52.639	7874.00	0.0071	P	1.6
4	☐	125.000	128.180	19061.72	0.0173	P	0.5
5	☐	250.000	259.042	37528.61	0.0349	P	3.5
6	☐	500.000	486.966	64984.09	0.0656	P	0.2
7	☐	1000.000	1003.727	138650.46	0.1351	P	0.7
8	☐			54.01	0.0001	P	11.8

$$y = 1.3462E-004 * x + 4.2632E-006$$

$$R = 0.9998$$

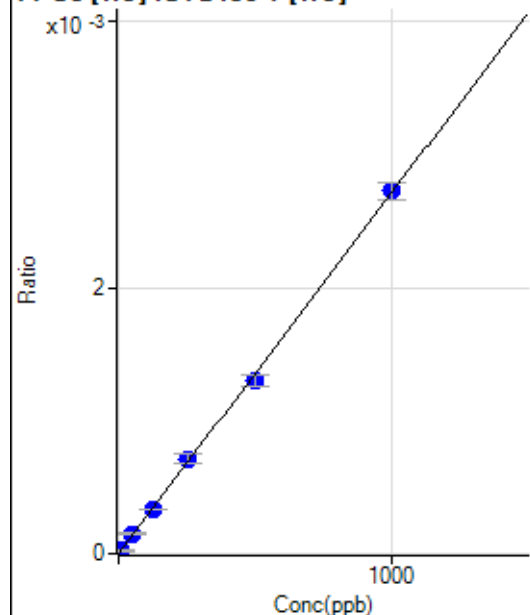
$$DL = 0.02307$$

$$BEC = 0.03167$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	8.367	24.44	0.0000	P	54.4
3	☐	50.000	55.013	165.56	0.0001	P	9.2
4	☐	125.000	122.147	365.57	0.0003	P	2.7
5	☐	250.000	262.720	765.58	0.0007	P	9.2
6	☐	500.000	481.189	1292.30	0.0013	P	6.2
7	☐	1000.000	1006.314	2799.19	0.0027	P	4.9
8	☐			8.89	0.0000	P	22.5

$$y = 2.7098\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

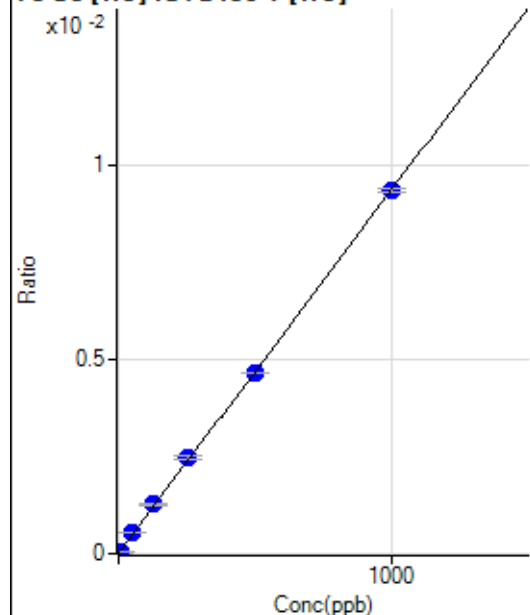
$$\text{DL} = 0$$

$$\text{BEC} = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.00	0.0000	P	48.9
2	☐	5.000	4.592	64.01	0.0001	P	13.6
3	☐	50.000	55.961	600.07	0.0005	P	2.9
4	☐	125.000	133.278	1396.21	0.0013	P	1.9
5	☐	250.000	263.074	2667.20	0.0025	P	4.5
6	☐	500.000	496.301	4621.56	0.0047	P	0.4
7	☐	1000.000	997.250	9596.24	0.0094	P	1.2
8	☐			75.01	0.0001	P	10.2

$$y = 9.3613\text{E-}006 * x + 1.6477\text{E-}005$$

$$R = 0.9999$$

$$\text{DL} = 2.581$$

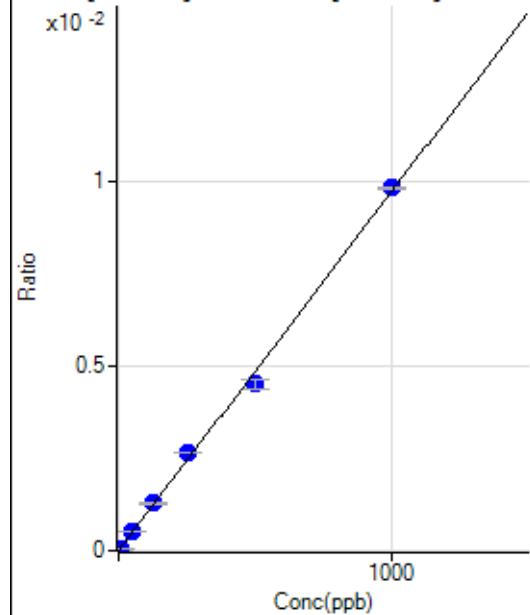
$$\text{BEC} = 1.76$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3339.38		P	3.4
2	☐			3347.72		P	3.6
3	☐			3222.69		P	3.1
4	☐			3289.37		P	5.2
5	☐			3217.12		P	2.7
6	☐			3100.44		P	7.7
7	☐			3147.66		P	3.1
8	☐			4384.14		P	11.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.17	0.0000	P	523.
2	☐	5.000	5.108	509.54	0.0000	P	5.9
3	☐	50.000	54.327	5426.73	0.0005	P	2.7
4	☐	125.000	131.479	12897.01	0.0013	P	1.8
5	☐	250.000	273.462	25746.14	0.0027	P	0.8
6	☐	500.000	464.732	45369.07	0.0045	P	5.4
7	☐	1000.000	1010.742	96065.13	0.0098	P	0.7
8	☐			519.12	0.0001	P	12.0

$$y = 9.7028\text{E-}006 * x + 3.1146\text{E-}007$$

$$R = 0.9988$$

$$DL = 0.5045$$

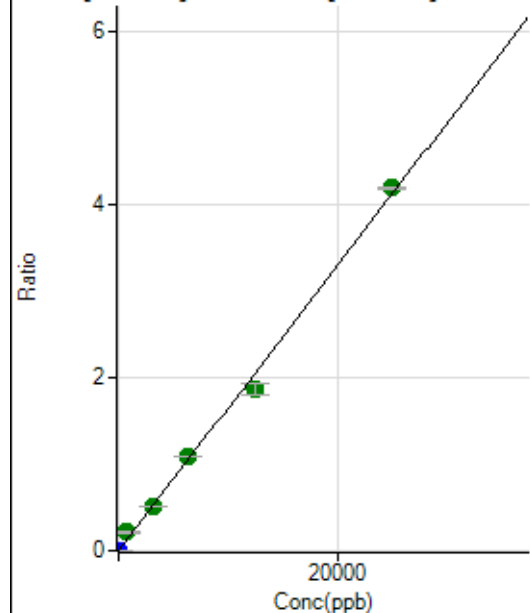
$$BEC = 0.0321$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			244.97		P	6.6
2	☐			235.39		P	7.7
3	☐			234.55		P	4.3
4	☐			213.72		P	17.7
5	☐			228.30		P	3.3
6	☐			230.39		P	1.3
7	☐			217.48		P	9.5
8	☐			194.15		P	6.0

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	28.0
2	☐	1.000	0.930	2011.30	0.0002	P	13.5
3	☐	625.000	1301.804	2200273.99	0.2139	A	3.3
4	☐	3125.000	3154.066	5237957.32	0.5181	A	0.1
5	☐	6250.000	6624.418	10557149.80	1.0881	A	1.3
6	☐	12500.000	11285.521	18639074.55	1.8537	A	7.1
7	☐	25000.000	25493.082	41016074.18	4.1874	A	0.6
8	☐			4287.17	0.0005	P	9.0

$$y = 1.6425E-004 * x + 4.4863E-005$$

$$R = 0.9977$$

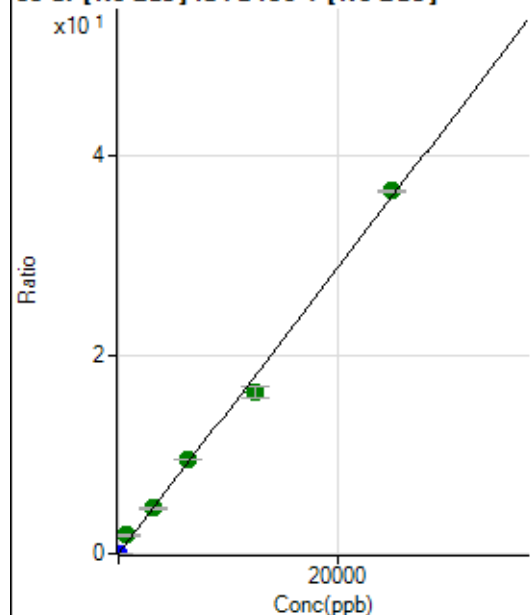
$$DL = 0.2296$$

$$BEC = 0.2731$$

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	719.49	0.0001	P	5.7
2	☐	1.000	0.978	15036.26	0.0015	P	5.9
3	☐	625.000	1296.469	19113025.78	1.8584	A	4.2
4	☐	3125.000	3172.416	45971249.99	4.5473	A	0.6
5	☐	6250.000	6589.575	91639191.63	9.4454	A	0.5
6	☐	12500.000	11369.125	163861770.3	16.2962	A	7.0
7	☐	25000.000	25457.830	357438224.6	36.4905	A	0.4
8	☐			35888.02	0.0038	P	16.6

$$y = 0.0014 * x + 7.2492E-005$$

$$R = 0.9980$$

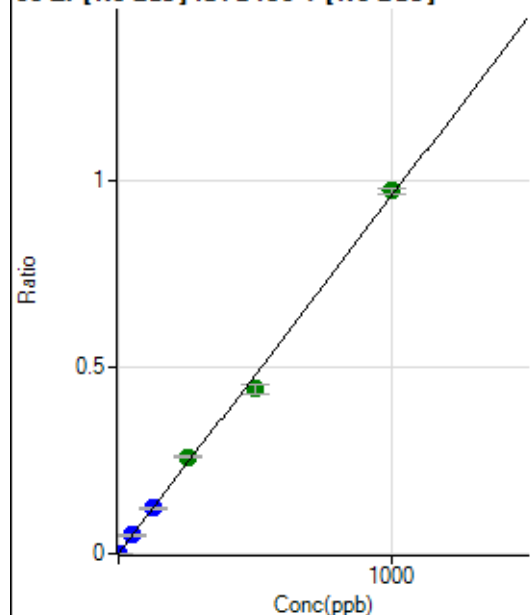
$$DL = 0.008679$$

$$BEC = 0.05057$$

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	355.57	0.0000	P	31.8
2	☐	1.000	0.954	9675.78	0.0009	P	4.6
3	☐	50.000	51.531	507257.27	0.0493	P	3.3
4	☐	125.000	126.633	1224348.73	0.1211	P	0.7
5	☐	250.000	271.383	2517823.10	0.2595	A	0.8
6	☐	500.000	459.794	4421684.82	0.4397	A	6.7
7	☐	1000.000	1014.476	9501770.96	0.9701	A	1.6
8	☐			3989.60	0.0004	P	8.9

$$y = 9.5617E-004 * x + 3.5682E-005$$

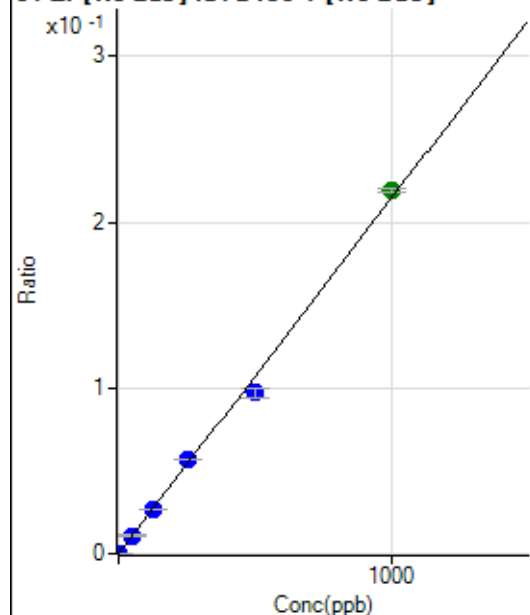
$$R = 0.9986$$

$$DL = 0.03562$$

$$BEC = 0.03732$$

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	44.44	0.0000	P	58.9
2	☐	1.000	0.937	2091.88	0.0002	P	11.7
3	☐	50.000	51.308	113243.06	0.0110	P	2.7
4	☐	125.000	125.272	271548.10	0.0269	P	0.5
5	☐	250.000	263.820	548734.38	0.0566	P	1.0
6	☐	500.000	452.077	974821.97	0.0969	P	6.2
7	☐	1000.000	1020.407	2142749.61	0.2188	A	1.1
8	☐			919.50	0.0001	P	3.3

$$y = 2.1438\text{E-}004 * x + 4.7033\text{E-}006$$

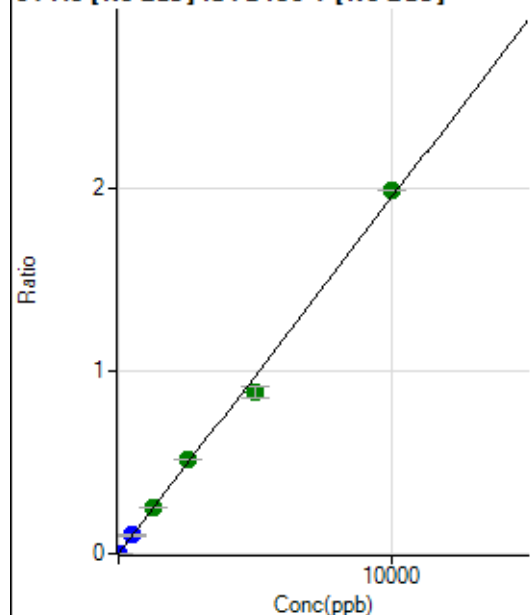
$$R = 0.9982$$

$$DL = 0.03876$$

$$BEC = 0.02194$$

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	119.45	0.0000	P	19.2
2	☐	5.000	5.675	11379.95	0.0011	P	6.6
3	☐	500.000	521.417	1042720.88	0.1014	P	4.0
4	☐	1250.000	1278.866	2513255.98	0.2486	A	1.1
5	☐	2500.000	2658.945	5015185.49	0.5169	A	1.0
6	☐	5000.000	4529.057	8853856.71	0.8805	A	7.0
7	☐	10000.000	10191.056	19407151.82	1.9813	A	0.2
8	☐			5418.07	0.0006	P	5.9

$$y = 1.9441\text{E-}004 * x + 1.1908\text{E-}005$$

$$R = 0.9982$$

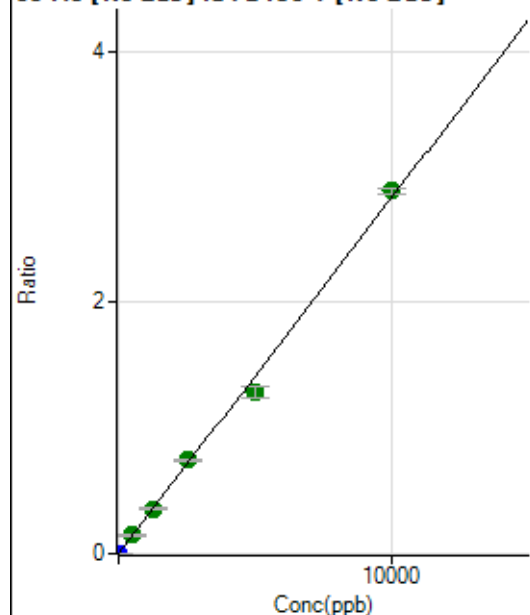
$$DL = 0.03528$$

$$BEC = 0.06125$$

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	41.67	0.0000	P	34.5
2	☐	5.000	4.881	14151.95	0.0014	P	4.8
3	☐	500.000	514.923	1499890.22	0.1458	A	3.8
4	☐	1250.000	1265.438	3622039.79	0.3584	A	2.0
5	☐	2500.000	2643.229	7262289.92	0.7485	A	1.8
6	☐	5000.000	4528.238	12895808.45	1.2823	A	6.7
7	☐	10000.000	10197.398	28286129.10	2.8878	A	1.5
8	☐			6429.54	0.0007	P	6.5

$$y = 2.8319E-004 * x + 4.3133E-006$$

$$R = 0.9983$$

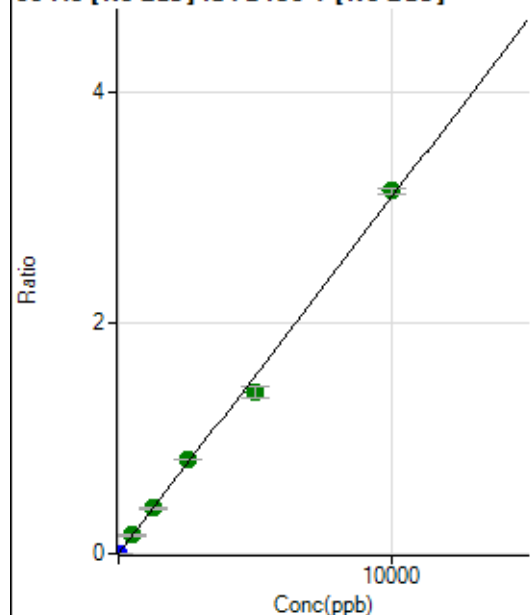
$$DL = 0.01575$$

$$BEC = 0.01523$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	17.8
2	☐	5.000	5.097	16151.43	0.0016	P	7.7
3	☐	500.000	517.872	1645830.62	0.1600	A	3.9
4	☐	1250.000	1268.492	3961522.48	0.3919	A	1.6
5	☐	2500.000	2656.547	7963097.40	0.8208	A	1.1
6	☐	5000.000	4547.507	14127632.26	1.4050	A	6.9
7	☐	10000.000	10183.904	30820336.45	3.1464	A	1.4
8	☐			7482.94	0.0008	P	5.3

$$y = 3.0895E-004 * x + 9.8800E-006$$

$$R = 0.9984$$

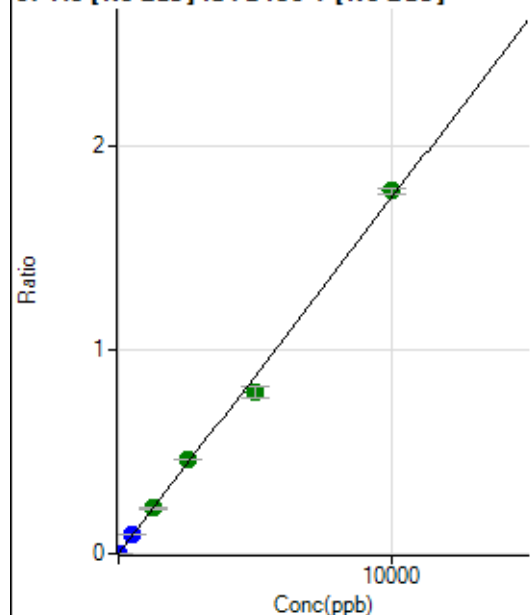
$$DL = 0.01709$$

$$BEC = 0.03198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	173.
2	☐	5.000	4.927	8755.79	0.0009	P	8.1
3	☐	500.000	522.240	935734.86	0.0910	P	3.1
4	☐	1250.000	1270.729	2237436.64	0.2213	A	0.2
5	☐	2500.000	2663.217	4500132.78	0.4638	A	0.4
6	☐	5000.000	4518.548	7912365.72	0.7870	A	7.3
7	☐	10000.000	10196.219	17395172.61	1.7758	A	1.9
8	☐			3964.64	0.0004	P	2.7

$$y = 1.7416E-004 * x + 9.9797E-007$$

$$R = 0.9982$$

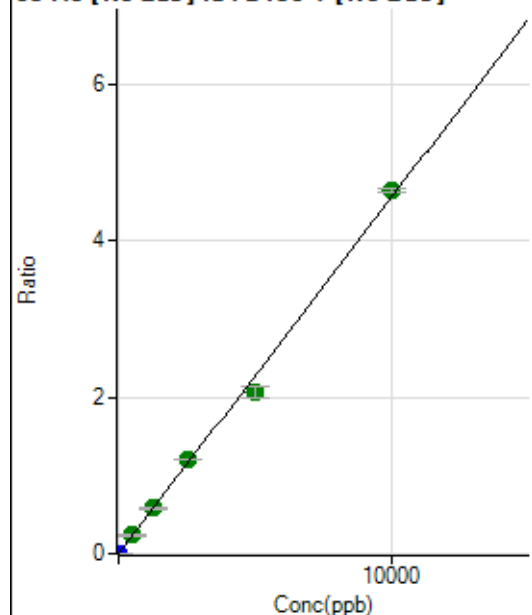
$$DL = 0.02977$$

$$BEC = 0.00573$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	53.3
2	☐	5.000	5.048	23540.02	0.0023	P	6.0
3	☐	500.000	518.598	2431422.27	0.2364	A	3.5
4	☐	1250.000	1268.523	5844594.70	0.5781	A	1.6
5	☐	2500.000	2649.005	11713181.86	1.2073	A	0.7
6	☐	5000.000	4551.207	20854148.56	2.0743	A	7.5
7	☐	10000.000	10183.900	45465595.81	4.6414	A	1.1
8	☐			10026.89	0.0011	P	13.1

$$y = 4.5576E-004 * x + 7.1880E-006$$

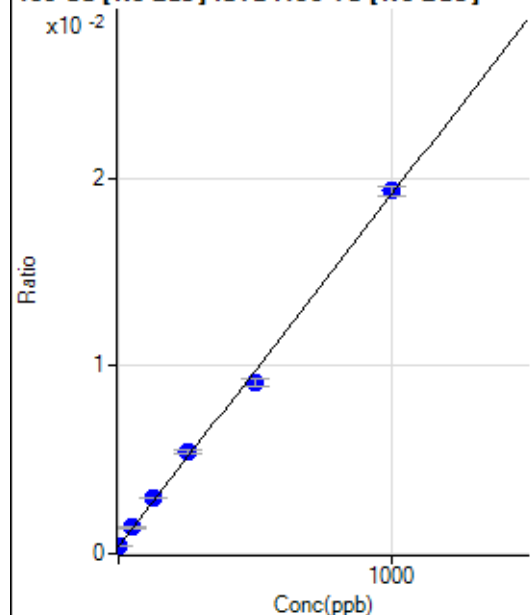
$$R = 0.9984$$

$$DL = 0.02521$$

$$BEC = 0.01577$$

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	3022.65	0.0004	P	8.7
2	☐	1.000	1.183	3214.35	0.0004	P	8.5
3	☐	50.000	53.311	11007.44	0.0014	P	2.4
4	☐	125.000	136.123	23278.59	0.0029	P	1.1
5	☐	250.000	269.672	43040.07	0.0054	P	2.3
6	☐	500.000	466.246	74267.06	0.0091	P	4.1
7	☐	1000.000	1010.403	152967.05	0.0193	P	2.4
8	☐			2944.87	0.0004	P	9.3

$$y = 1.8765E-005 * x + 3.8640E-004$$

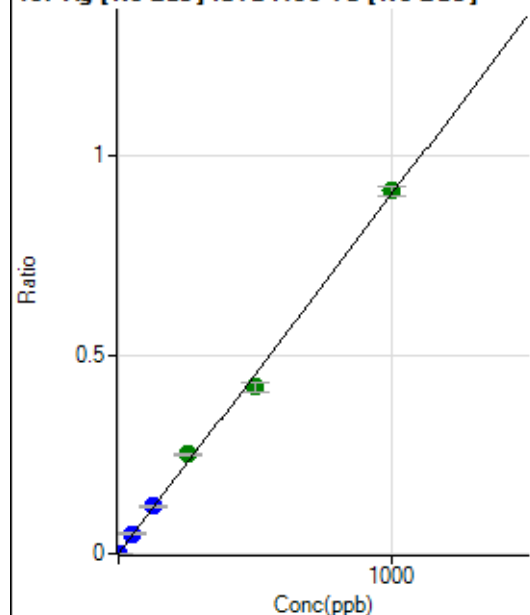
$$R = 0.9989$$

$$DL = 5.377$$

$$BEC = 20.59$$

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	72.69	0.0000	P	49.1
2	☐	1.000	1.035	7411.94	0.0009	P	1.0
3	☐	50.000	55.039	393989.55	0.0497	P	5.1
4	☐	125.000	131.967	942656.84	0.1191	P	1.6
5	☐	250.000	275.987	1968675.43	0.2491	A	1.0
6	☐	500.000	464.673	3408089.70	0.4194	A	5.7
7	☐	1000.000	1010.044	7208187.21	0.9117	A	2.7
8	☐			1281.76	0.0002	P	6.5

$$y = 9.0263E-004 * x + 9.2115E-006$$

$$R = 0.9987$$

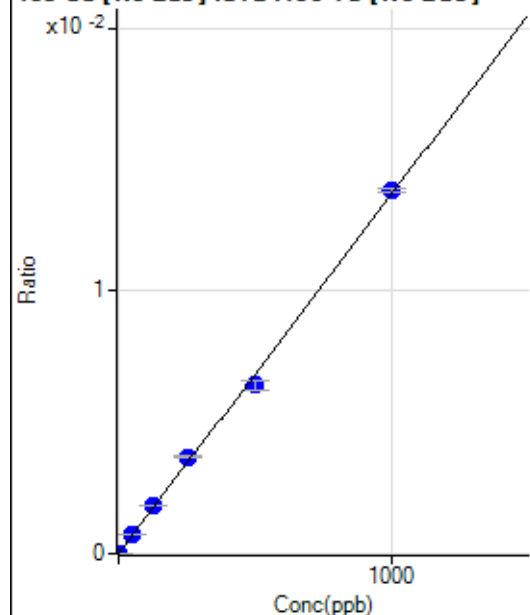
$$DL = 0.01503$$

$$BEC = 0.01021$$

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	11.11	0.0000	P	69.3
2	☐	1.000	1.047	123.61	0.0000	P	11.4
3	☐	50.000	55.208	6008.32	0.0008	P	3.1
4	☐	125.000	133.990	14524.45	0.0018	P	0.3
5	☐	250.000	268.631	29065.43	0.0037	P	1.6
6	☐	500.000	469.160	52185.82	0.0064	P	5.4
7	☐	1000.000	1009.378	109245.17	0.0138	P	1.1
8	☐			105.56	0.0000	P	49.6

$$y = 1.3685E-005 * x + 1.3600E-006$$

$$R = 0.9991$$

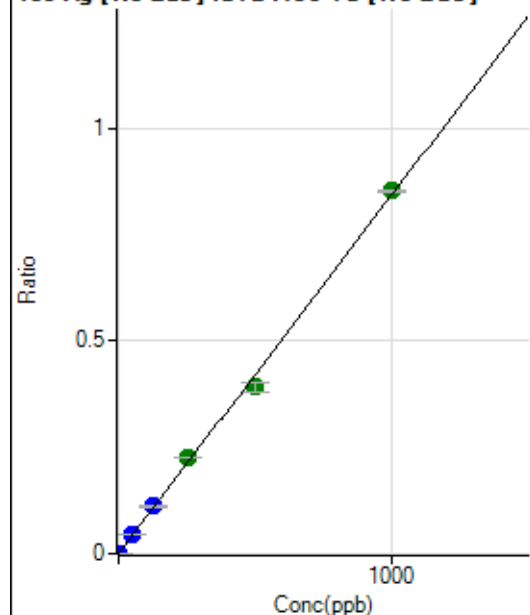
$$DL = 0.2066$$

$$BEC = 0.09938$$

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	25.00	0.0000	P	35.6
2	☐	1.000	1.054	6990.86	0.0009	P	7.2
3	☐	50.000	55.139	368453.44	0.0465	P	4.1
4	☐	125.000	131.945	879562.94	0.1112	P	1.7
5	☐	250.000	267.959	1783969.66	0.2257	A	0.8
6	☐	500.000	464.347	3178375.70	0.3912	A	5.6
7	☐	1000.000	1012.211	6743374.50	0.8527	A	0.4
8	☐			1194.53	0.0002	P	16.0

$$y = 8.4239E-004 * x + 3.2746E-006$$

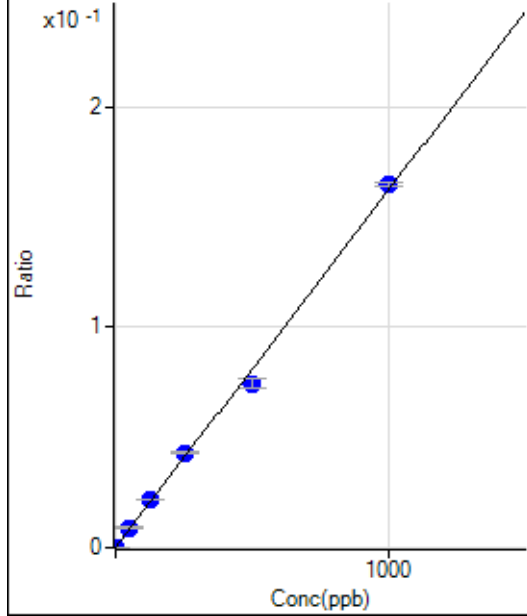
$$R = 0.9989$$

$$DL = 0.004157$$

$$BEC = 0.003887$$

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	301.43	0.0000	P	10.4
2	☐	1.000	1.083	1679.45	0.0002	P	4.2
3	☐	50.000	55.146	71110.50	0.0090	P	5.3
4	☐	125.000	132.681	170331.45	0.0215	P	1.4
5	☐	250.000	266.065	340803.78	0.0431	P	1.1
6	☐	500.000	459.364	604812.39	0.0744	P	5.4
7	☐	1000.000	1015.084	1300264.84	0.1644	P	1.1
8	☐			860.90	0.0001	P	2.9

$$y = 1.6194\text{E-}004 * x + 3.8524\text{E-}005$$

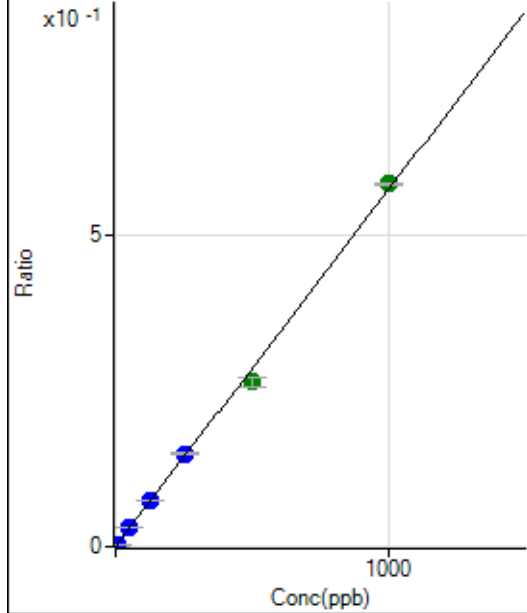
$$R = 0.9986$$

$$DL = 0.0741$$

$$BEC = 0.2379$$

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	700.03	0.0001	P	11.7
2	☐	5.000	4.907	22713.80	0.0029	P	6.2
3	☐	50.000	52.929	240706.97	0.0303	P	4.3
4	☐	125.000	128.364	581456.89	0.0735	P	1.0
5	☐	250.000	260.578	1177934.00	0.1491	P	0.9
6	☐	500.000	460.805	2141363.55	0.2635	A	5.6
7	☐	1000.000	1016.387	4595549.63	0.5811	A	0.8
8	☐			3142.13	0.0004	P	9.9

$$y = 5.7167\text{E-}004 * x + 9.0521\text{E-}005$$

$$R = 0.9988$$

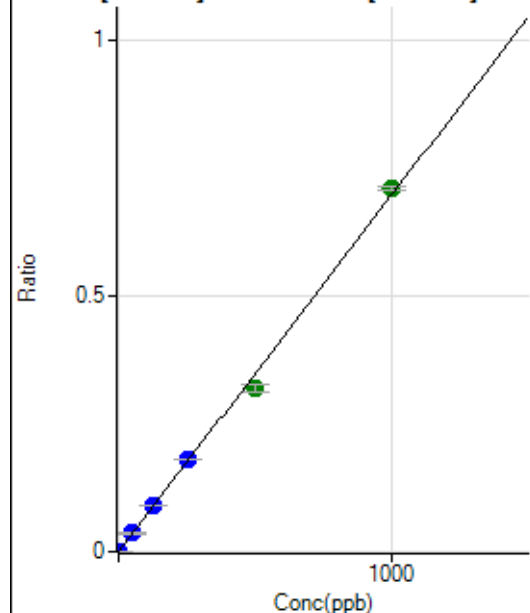
$$DL = 0.05541$$

$$BEC = 0.1583$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	34.4
2	☐	2.000	1.984	10871.28	0.0014	P	6.3
3	☐	50.000	52.238	288556.90	0.0364	P	4.5
4	☐	125.000	128.328	707312.76	0.0894	P	0.5
5	☐	250.000	258.846	1424676.68	0.1803	P	0.1
6	☐	500.000	459.344	2599621.48	0.3199	A	5.3
7	☐	1000.000	1017.589	5603913.67	0.7087	A	1.2
8	☐			2497.53	0.0003	P	16.8

$$y = 6.9641\text{E-}004 * x + 4.1667\text{E-}006$$

$$R = 0.9987$$

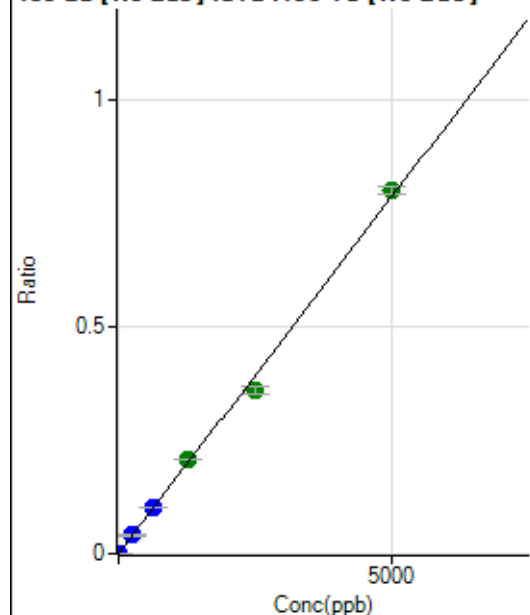
$$DL = 0.006172$$

$$BEC = 0.005983$$

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	30.56	0.0000	P	46.4
2	☐	10.000	9.561	11816.58	0.0015	P	4.8
3	☐	250.000	261.408	325634.31	0.0411	P	4.8
4	☐	625.000	637.412	792513.48	0.1001	P	0.8
5	☐	1250.000	1317.981	1635903.00	0.2070	A	1.2
6	☐	2500.000	2287.008	2920075.11	0.3592	A	4.3
7	☐	5000.000	5087.380	6318266.55	0.7991	A	2.0
8	☐			3936.81	0.0005	P	4.7

$$y = 1.5707\text{E-}004 * x + 3.8056\text{E-}006$$

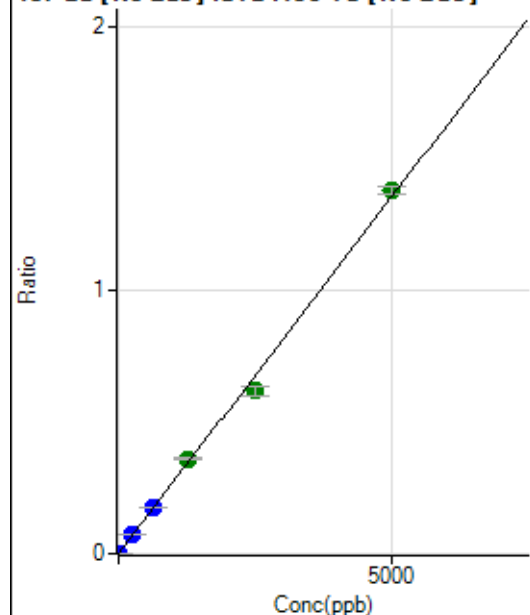
$$R = 0.9986$$

$$DL = 0.03371$$

$$BEC = 0.02423$$

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	50.00	0.0000	P	22.5
2	☐	10.000	9.820	20891.55	0.0027	P	4.0
3	☐	250.000	266.194	570985.35	0.0720	P	4.0
4	☐	625.000	644.095	1378222.24	0.1742	P	1.5
5	☐	1250.000	1326.491	2834208.70	0.3587	A	1.4
6	☐	2500.000	2282.218	5014001.94	0.6171	A	5.7
7	☐	5000.000	5086.572	10874568.21	1.3753	A	2.0
8	☐			6515.63	0.0009	P	2.4

$$y = 2.7038E-004 * x + 6.5303E-006$$

$$R = 0.9985$$

$$DL = 0.01629$$

$$BEC = 0.02415$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			11.11		P	34.6
3	☐			28.89		P	13.3
4	☐			44.45		P	69.3
5	☐			97.78		P	3.9
6	☐			102.23		P	10.0
7	☐			317.79		P	5.3
8	☐			228.89		P	7.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			3.33		P	100.
4	☐			7.78		P	65.5
5	☐			10.00		P	33.3
6	☐			15.56		P	12.4
7	☐			23.33		P	14.3
8	☐			80.00		P	11.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			13.89		P	34.7
3	☐			22.22		P	21.6
4	☐			66.67		P	45.1
5	☐			86.12		P	5.6
6	☐			163.90		P	5.9
7	☐			372.24		P	9.0
8	☐			1297.32		P	0.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			0.00		P	
3	☐			11.11		P	69.3
4	☐			25.56		P	19.9
5	☐			53.33		P	6.3
6	☐			85.55		P	19.6
7	☐			210.01		P	23.5
8	☐			612.24		P	2.8

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.01		P	29.4
2	☐			88.89		P	14.3
3	☐			91.67		P	0.0
4	☐			150.01		P	5.6
5	☐			127.78		P	16.4
6	☐			236.12		P	2.0
7	☐			425.02		P	11.9
8	☐			1380.66		P	8.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	18.6
2	☐			96.67		P	3.5
3	☐			100.00		P	17.6
4	☐			94.45		P	7.3
5	☐			142.22		P	9.5
6	☐			187.78		P	24.2
7	☐			243.34		P	13.2
8	☐			793.37		P	3.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	18.3
2	☐			55.56		P	22.9
3	☐			52.78		P	18.2
4	☐			75.00		P	38.5
5	☐			72.22		P	65.6
6	☐			105.56		P	35.6
7	☐			147.23		P	14.2
8	☐			216.67		P	6.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	60.6
2	☐			22.22		P	17.3
3	☐			32.22		P	21.5
4	☐			24.44		P	7.9
5	☐			31.11		P	6.2
6	☐			37.78		P	31.0
7	☐			45.56		P	18.4
8	☐			100.00		P	20.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	27.0
2	☐			55.56		P	60.6
3	☐			58.33		P	14.3
4	☐			86.11		P	11.2
5	☐			102.78		P	37.5
6	☐			100.00		P	46.4
7	☐			205.56		P	20.4
8	☐			133.34		P	6.3

172 Yb [He] No available calibration points

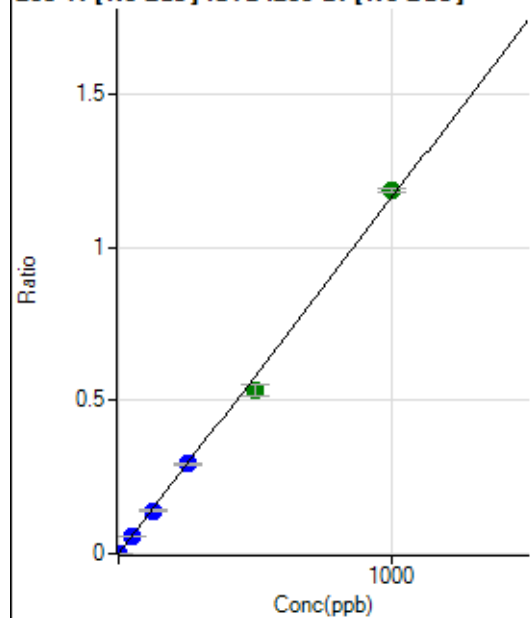
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	52.9
2	☐			14.82		P	94.4
3	☐			24.07		P	87.4
4	☐			37.04		P	56.8
5	☐			44.45		P	25.0
6	☐			50.00		P	11.1
7	☐			85.19		P	26.4
8	☐			72.22		P	46.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			897.28		P	13.0
2	☐			1058.40		P	15.8
3	☐			2258.58		P	3.7
4	☐			4189.67		P	4.6
5	☐			7291.10		P	3.2
6	☐			12689.81		P	1.3
7	☐			26947.48		P	0.7
8	☐			1080.63		P	8.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8158.23		P	4.5
2	☐			7739.44		P	5.4
3	☐			8449.12		P	3.5
4	☐			9399.79		P	0.9
5	☐			10496.93		P	2.0
6	☐			12177.99		P	1.6
7	☐			18018.05		P	1.7
8	☐			8019.23		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.12	0.0000	P	23.5
2	☐	1.000	0.943	5895.95	0.0011	P	2.6
3	☐	50.000	49.495	305446.11	0.0576	P	1.8
4	☐	125.000	121.199	748302.99	0.1410	P	2.1
5	☐	250.000	252.569	1532460.70	0.2938	P	2.6
6	☐	500.000	460.359	2892504.06	0.5354	A	6.6
7	☐	1000.000	1019.679	6235356.65	1.1859	A	1.0
8	☐			2768.56	0.0006	P	89.9

$$y = 0.0012 * x + 1.2045E-005$$

$$R = 0.9989$$

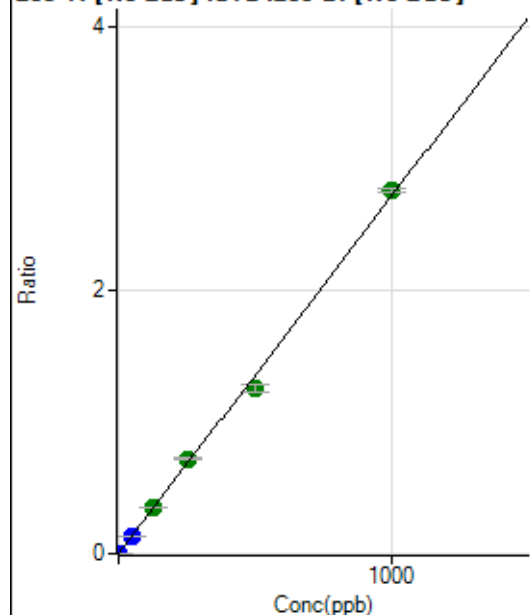
$$DL = 0.007301$$

$$BEC = 0.01036$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	38.8
2	☐	1.000	0.925	13443.43	0.0025	P	5.8
3	☐	50.000	50.574	729293.04	0.1375	P	2.0
4	☐	125.000	128.012	1847342.12	0.3479	A	1.3
5	☐	250.000	265.004	3757826.39	0.7203	A	1.7
6	☐	500.000	461.403	6778007.18	1.2541	A	5.2
7	☐	1000.000	1015.143	14506600.84	2.7591	A	1.0
8	☐			5657.68	0.0011	P	74.9

$$y = 0.0027 * x + 1.5985E-005$$

$$R = 0.9988$$

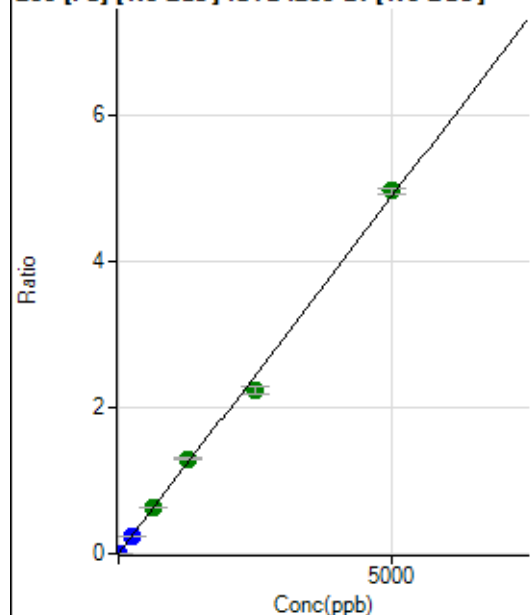
$$DL = 0.006837$$

$$BEC = 0.005881$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	612.99	0.0001	P	26.4
2	☐	1.000	0.902	5330.82	0.0010	P	4.3
3	☐	250.000	245.511	1273095.53	0.2400	P	2.4
4	☐	625.000	644.835	3346109.48	0.6302	A	0.8
5	☐	1250.000	1326.745	6763577.35	1.2965	A	2.4
6	☐	2500.000	2287.781	12082274.00	2.2356	A	5.2
7	☐	5000.000	5084.668	26121125.58	4.9685	A	1.6
8	☐			15089.16	0.0031	P	41.2

$$y = 9.7713E-004 * x + 1.2078E-004$$

$$R = 0.9986$$

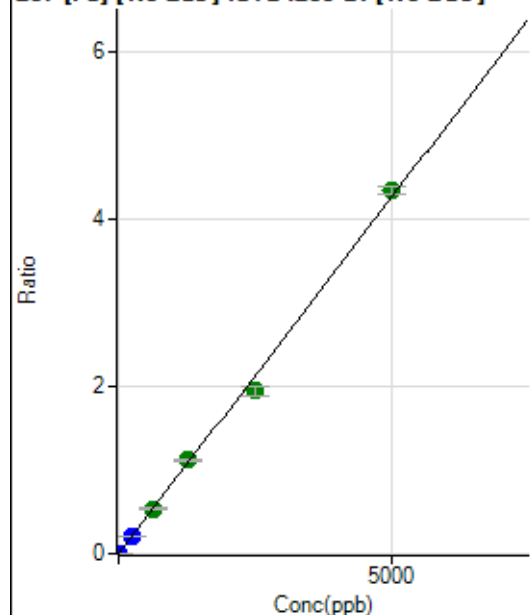
$$DL = 0.09771$$

$$BEC = 0.1236$$

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	561.13	0.0001	P	24.1
2	☐	1.000	0.864	4493.45	0.0008	P	7.5
3	☐	250.000	245.581	1109842.88	0.2092	P	1.4
4	☐	625.000	633.049	2861567.22	0.5390	A	2.0
5	☐	1250.000	1312.062	5827158.12	1.1170	A	3.5
6	☐	2500.000	2283.469	10503820.02	1.9440	A	6.1
7	☐	5000.000	5091.965	22789103.29	4.3348	A	2.1
8	☐			12792.63	0.0026	P	40.2

$$y = 8.5128E-004 * x + 1.1056E-004$$

$$R = 0.9986$$

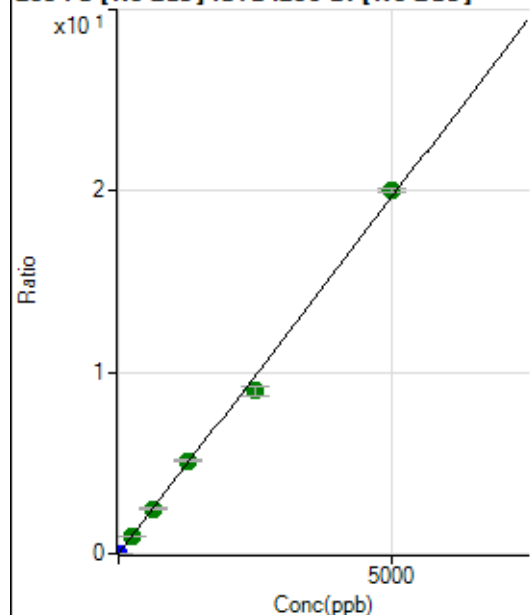
$$DL = 0.09396$$

$$BEC = 0.1299$$

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	2424.21	0.0005	P	20.6
2	☐	1.000	0.893	21192.42	0.0040	P	4.4
3	☐	250.000	250.807	5228895.18	0.9859	A	2.8
4	☐	625.000	633.242	13211211.98	2.4884	A	1.3
5	☐	1250.000	1306.061	26772210.44	5.1319	A	2.4
6	☐	2500.000	2286.381	48546804.56	8.9835	A	5.5
7	☐	5000.000	5091.724	105180193.5	20.0054	A	1.2
8	☐			58246.94	0.0121	P	37.2

$$y = 0.0039 * x + 4.7627E-004$$

$$R = 0.9986$$

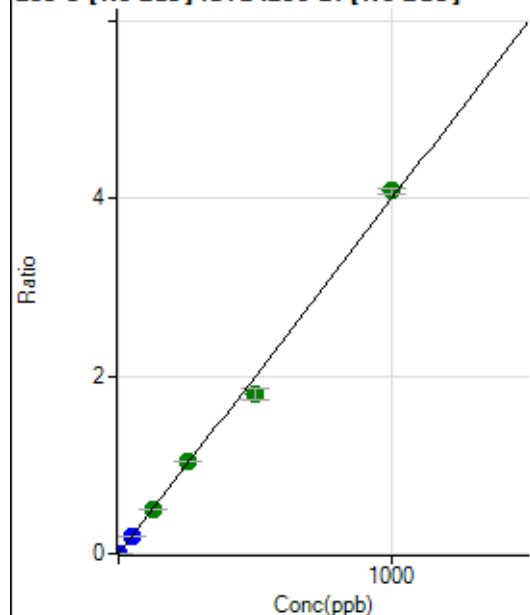
$$DL = 0.07504$$

$$BEC = 0.1212$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	122.
2	☐	1.000	0.941	20013.45	0.0038	P	5.6
3	☐	50.000	48.967	1038839.04	0.1958	P	2.1
4	☐	125.000	123.855	2630621.15	0.4953	A	1.7
5	☐	250.000	260.809	5441971.39	1.0430	A	1.0
6	☐	500.000	449.687	9715323.74	1.7984	A	6.7
7	☐	1000.000	1022.649	21503018.54	4.0898	A	1.5
8	☐			4523.44	0.0009	P	80.7

$$y = 0.0040 * x + 3.0242E-006$$

$$R = 0.9981$$

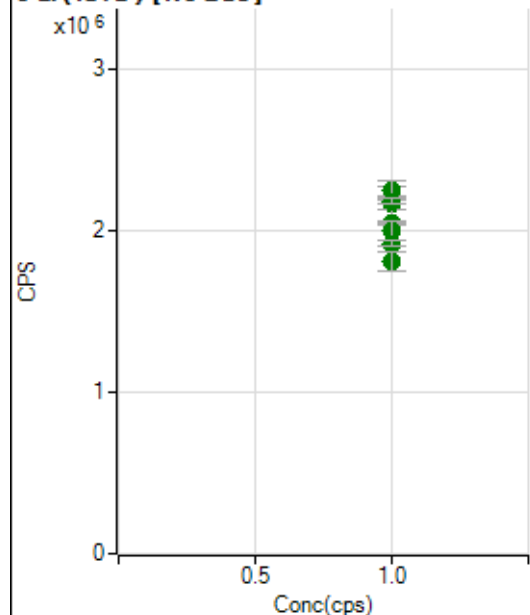
$$DL = 0.002783$$

$$BEC = 0.0007562$$

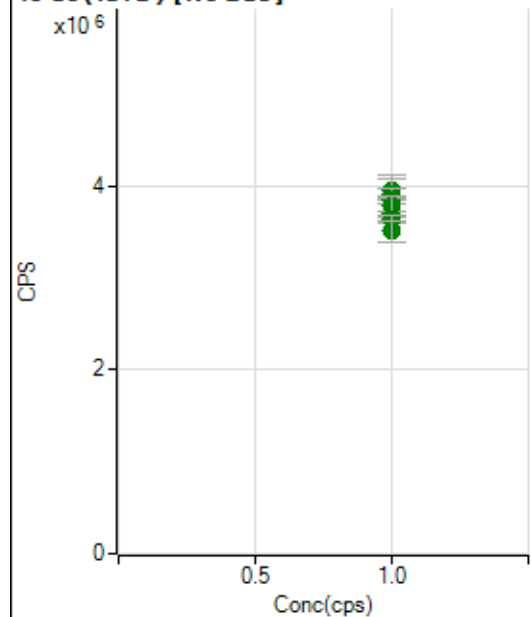
Weight: <None>

Min Conc: 0

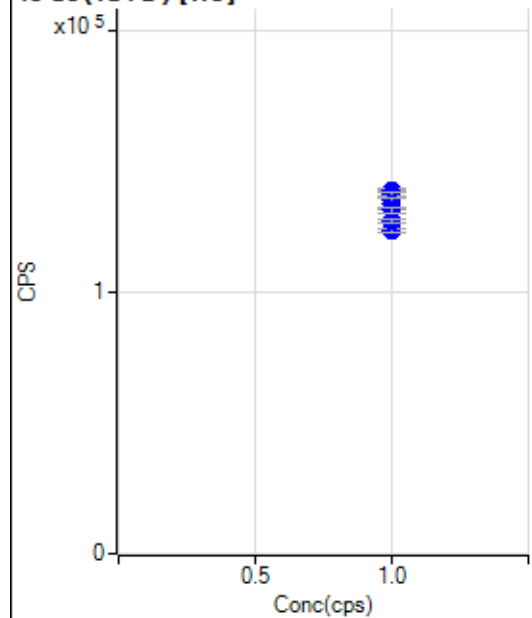
6 Li (ISTD) [No Gas]



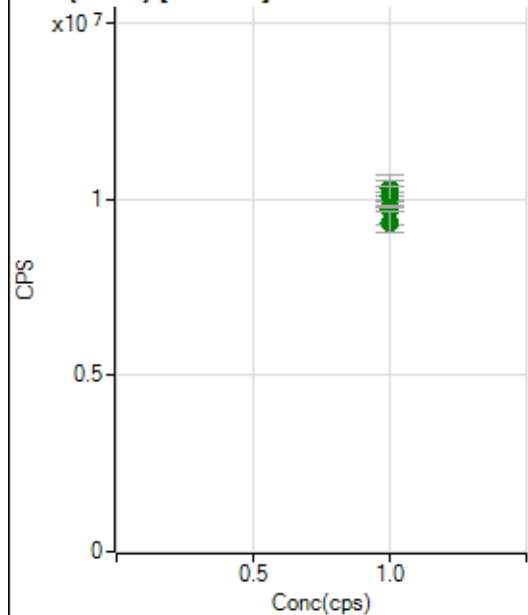
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2167974.55		A	10.3
2	☐	1.000		2245860.23		A	5.4
3	☐	1.000		2172791.29		A	3.6
4	☐	1.000		2181256.30		A	1.8
5	☐	1.000		2043242.54		A	0.7
6	☐	1.000		2000295.02		A	6.0
7	☐	1.000		1920760.77		A	1.8
8	☐	1.000		1810204.40		A	6.8

45 Sc (ISTD) [No Gas]

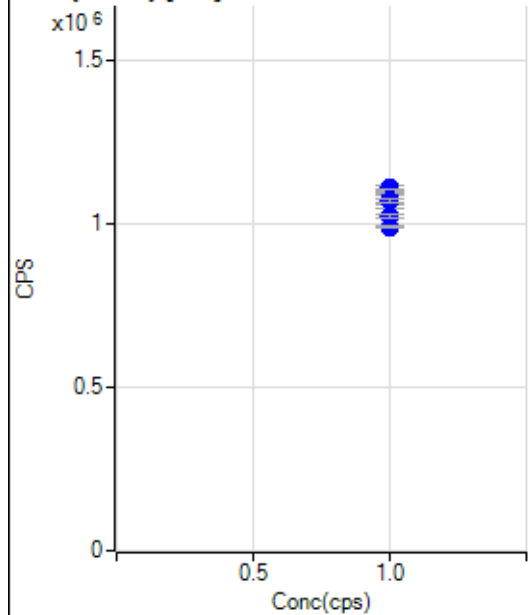
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3855568.97		A	13.4
2	☐	1.000		3942425.15		A	6.7
3	☐	1.000		3908002.69		A	3.1
4	☐	1.000		3836687.65		A	1.5
5	☐	1.000		3691956.99		A	1.5
6	☐	1.000		3780731.23		A	5.9
7	☐	1.000		3643953.63		A	1.8
8	☐	1.000		3503447.48		A	6.6

45 Sc (ISTD) [He]

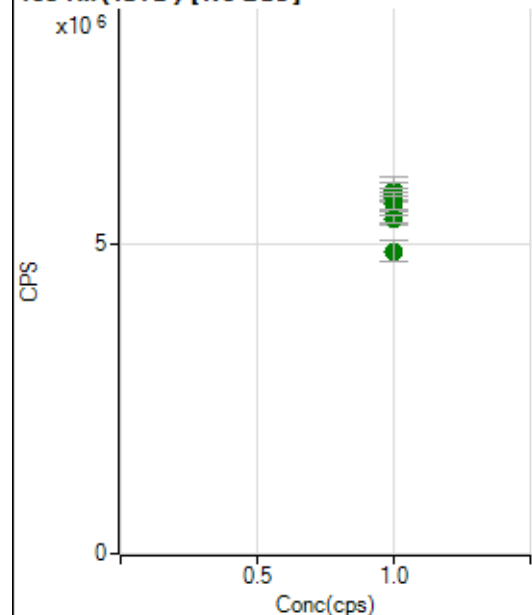
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		136183.97		P	0.5
2	☐	1.000		135377.37		P	5.1
3	☐	1.000		138535.40		P	1.0
4	☐	1.000		137417.65		P	1.2
5	☐	1.000		133508.48		P	3.0
6	☐	1.000		123596.11		P	1.4
7	☐	1.000		127105.63		P	1.2
8	☐	1.000		131086.90		P	1.3

89 Y (ISTD) [No Gas]

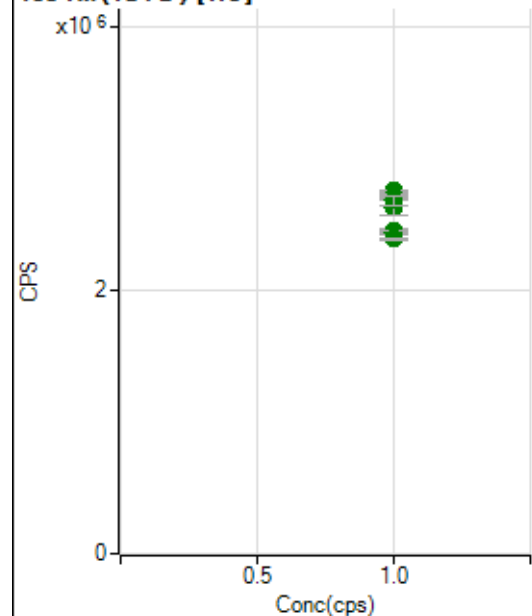
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9977807.07		A	13.9
2	☐	1.000		10225603.53		A	6.1
3	☐	1.000		10297049.15		A	4.4
4	☐	1.000		10109629.99		A	2.1
5	☐	1.000		9702127.77		A	0.9
6	☐	1.000		10079855.41		A	5.3
7	☐	1.000		9795327.49		A	0.5
8	☐	1.000		9335320.83		A	6.4

89 Y (ISTD) [He]

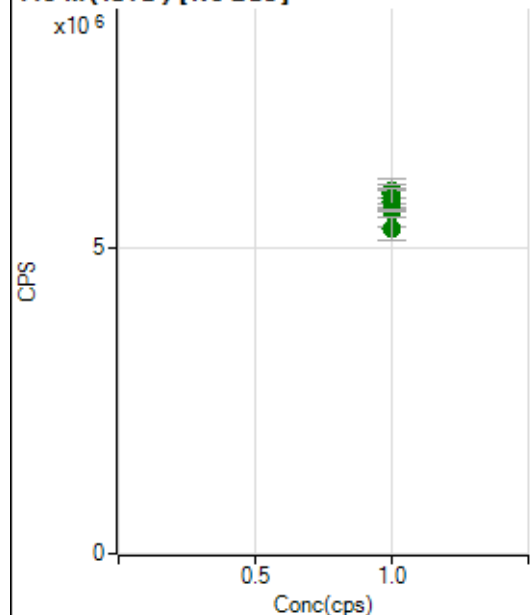
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1093890.29		P	0.5
2	☐	1.000		1072877.33		P	4.2
3	☐	1.000		1110406.30		P	0.9
4	☐	1.000		1104426.55		P	0.6
5	☐	1.000		1076924.37		P	3.5
6	☐	1.000		991231.25		P	0.7
7	☐	1.000		1026155.50		P	1.2
8	☐	1.000		1070957.92		P	1.2

103 Rh (ISTD) [No Gas]

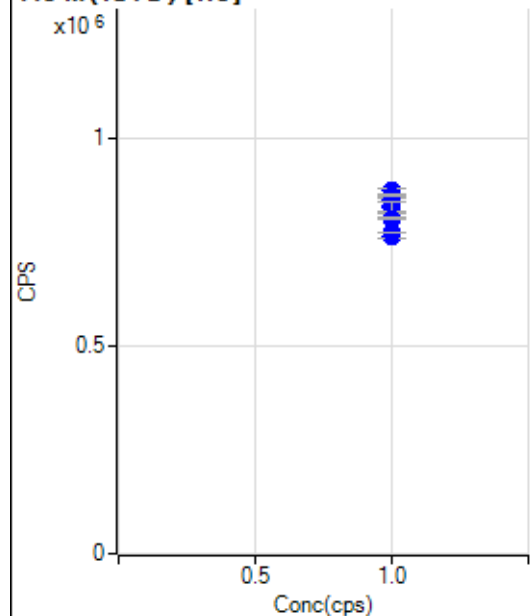
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5699113.24		A	13.3
2	☐	1.000		5864816.36		A	4.9
3	☐	1.000		5814587.41		A	3.2
4	☐	1.000		5762042.14		A	2.6
5	☐	1.000		5533609.80		A	0.1
6	☐	1.000		5666410.80		A	3.8
7	☐	1.000		5404494.26		A	2.1
8	☐	1.000		4889447.63		A	7.2

103 Rh (ISTD) [He]

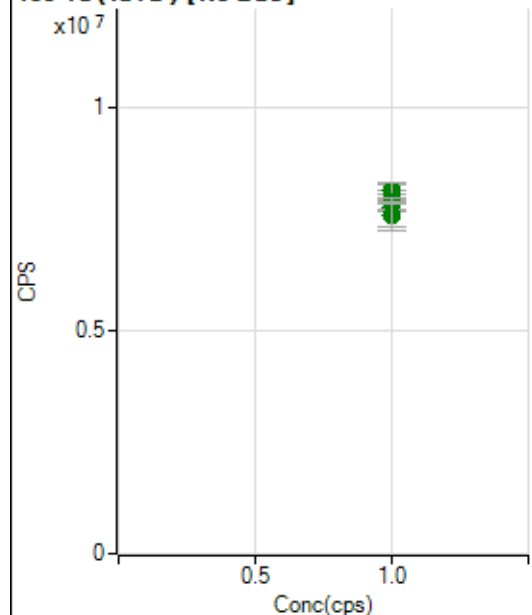
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2700128.55		A	1.1
2	☐	1.000		2627433.57		A	4.3
3	☐	1.000		2751085.05		A	0.7
4	☐	1.000		2714819.23		A	1.2
5	☐	1.000		2680682.91		A	2.8
6	☐	1.000		2449410.40		A	1.6
7	☐	1.000		2436804.69		A	1.3
8	☐	1.000		2388981.21		A	0.6

115 In (ISTD) [No Gas]

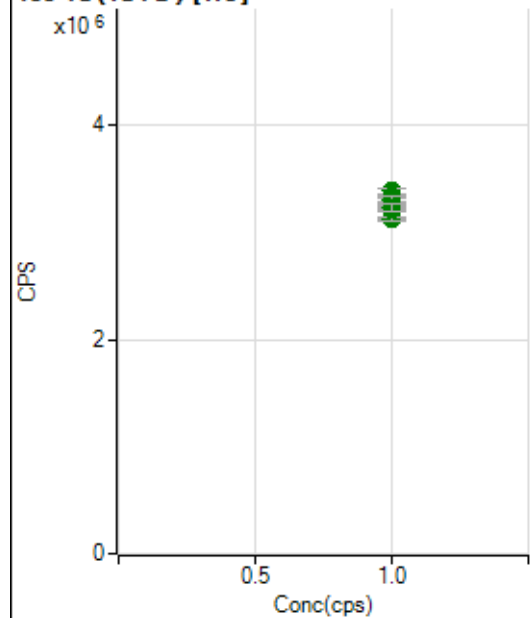
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5752603.78		A	13.4
2	☐	1.000		5946052.21		A	6.7
3	☐	1.000		5928256.77		A	3.6
4	☐	1.000		5899267.09		A	1.8
5	☐	1.000		5658185.12		A	0.0
6	☐	1.000		5834567.38		A	5.1
7	☐	1.000		5616485.62		A	0.8
8	☐	1.000		5321511.17		A	6.8

115 In (ISTD) [He]

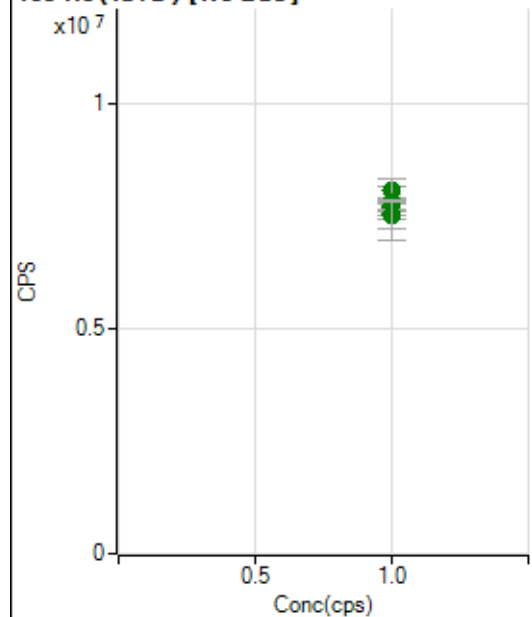
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		853165.93		P	1.6
2	☐	1.000		839005.27		P	4.6
3	☐	1.000		874409.99		P	1.6
4	☐	1.000		863222.07		P	0.4
5	☐	1.000		835270.39		P	2.6
6	☐	1.000		766250.93		P	1.8
7	☐	1.000		773615.95		P	0.4
8	☐	1.000		807721.42		P	0.7

159 Tb (ISTD) [No Gas]

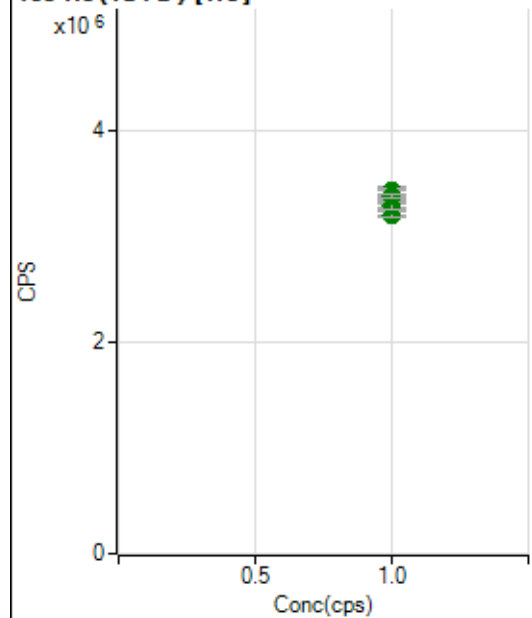
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7776344.12		A	13.3
2	☐	1.000		7859106.69		A	4.8
3	☐	1.000		7944558.98		A	5.7
4	☐	1.000		7914585.99		A	2.1
5	☐	1.000		7903047.73		A	1.4
6	☐	1.000		8138872.45		A	4.4
7	☐	1.000		7908693.01		A	1.8
8	☐	1.000		7607470.44		A	7.2

159 Tb (ISTD) [He]

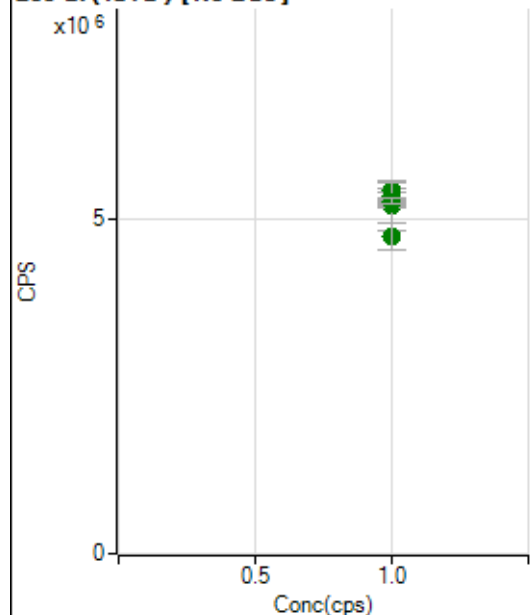
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3264132.59		A	0.9
2	☐	1.000		3207367.42		A	4.6
3	☐	1.000		3391270.33		A	1.9
4	☐	1.000		3338039.26		A	0.6
5	☐	1.000		3313148.29		A	2.1
6	☐	1.000		3128211.27		A	0.9
7	☐	1.000		3219971.07		A	0.5
8	☐	1.000		3229509.02		A	2.1

165 Ho (ISTD) [No Gas]

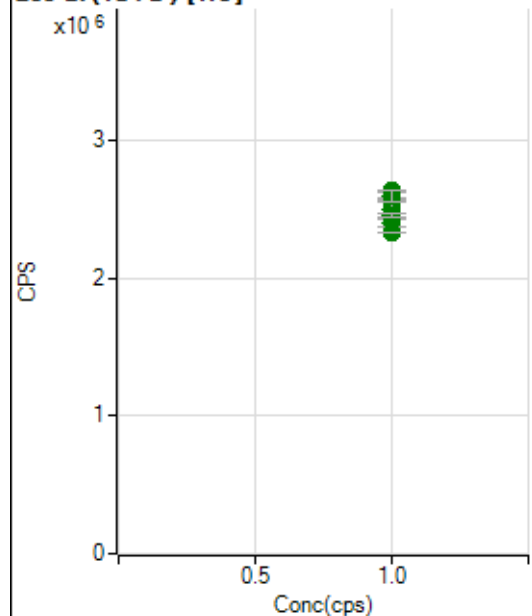
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7540977.47		A	16.0
2	☐	1.000		7664517.36		A	5.8
3	☐	1.000		7733027.86		A	3.4
4	☐	1.000		7679554.25		A	2.0
5	☐	1.000		7575736.37		A	1.7
6	☐	1.000		8054562.94		A	6.4
7	☐	1.000		7830050.87		A	0.6
8	☐	1.000		7525729.59		A	8.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3288278.84		A	0.7
2	☐	1.000		3287244.43		A	5.1
3	☐	1.000		3425079.57		A	2.3
4	☐	1.000		3427376.20		A	1.5
5	☐	1.000		3383475.40		A	2.9
6	☐	1.000		3200760.40		A	1.7
7	☐	1.000		3293309.26		A	2.0
8	☐	1.000		3377429.01		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5189954.12		A	14.4
2	☐	1.000		5324245.09		A	4.9
3	☐	1.000		5307293.29		A	3.6
4	☐	1.000		5310322.67		A	2.9
5	☐	1.000		5217981.07		A	1.6
6	☐	1.000		5413824.50		A	4.9
7	☐	1.000		5258177.74		A	1.5
8	☐	1.000		4725815.17		A	8.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2570838.00		A	0.9
2	☐	1.000		2502121.91		A	4.7
3	☐	1.000		2638664.86		A	0.7
4	☐	1.000		2600650.57		A	1.7
5	☐	1.000		2598527.51		A	3.1
6	☐	1.000		2399519.96		A	2.3
7	☐	1.000		2458882.92		A	0.8
8	☐	1.000		2336125.95		A	0.4