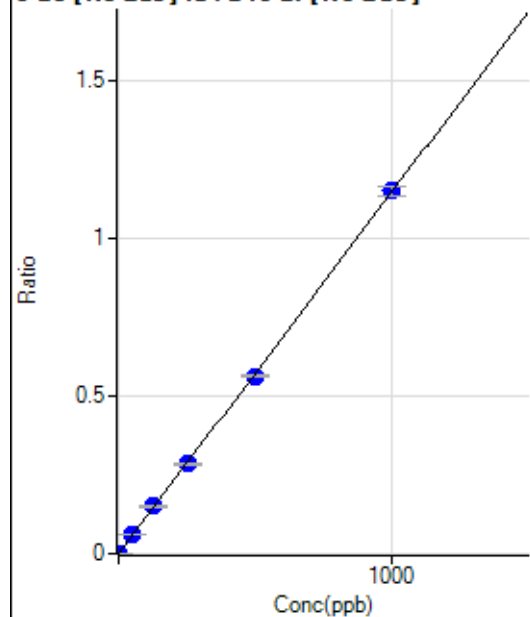


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100625MS.b\
 Analysis File: P7100625MS.batch.bin
 DA Date-Time: 2025-10-06 14:14:26
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-10-06 11:20:28
2	005CALS.d	S02	2025-10-06 11:23:50
3	006CALS.d	S03	2025-10-06 11:27:10
4	007CALS.d	S04	2025-10-06 11:30:24
5	009CALS.d	S05	2025-10-06 11:36:30
6	010CALS.d	S06	2025-10-06 11:39:30
7	011CALS.d	S07	2025-10-06 11:42:17
8	012CALS.d	S08	2025-10-06 11:45:05

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.68	0.0000	P	49.7
2	☐	1.000	1.077	702.56	0.0012	P	3.7
3	☐	50.000	51.189	33479.05	0.0586	P	1.8
4	☐	125.000	131.038	84088.56	0.1501	P	3.5
5	☐	250.000	247.625	163102.20	0.2836	P	2.0
6	☐	500.000	490.175	322173.58	0.5614	P	1.1
7	☐	1000.000	1004.692	642989.80	1.1508	P	2.3
8	☐			233.65	0.0004	P	2.1

$$y = 0.0011 * x + 1.1868E-005$$

$$R = 0.9999$$

$$DL = 0.01544$$

$$BEC = 0.01036$$

Weight: <None>

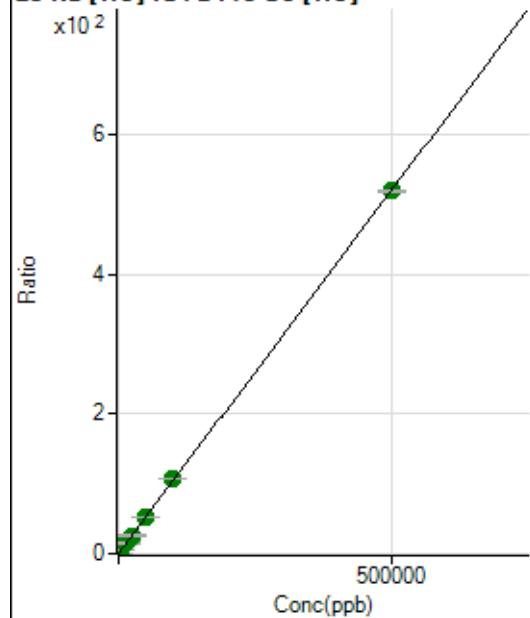
Min Conc: <None>

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	21558.62	0.0631	P	2.4
2	☐	500.000	479.707	190403.17	0.5616	P	0.5
3	☐	5000.000	5003.437	1791349.42	5.2624	A	1.3
4	☐	12500.000	14741.893	4563890.35	15.3821	A	25.0
5	☐	25000.000	25084.502	8690744.11	26.1295	A	1.1
6	☐	50000.000	50193.539	17307316.41	52.2215	A	1.8
7	☐	100000.00	102826.48	35022988.37	106.9148	A	0.4
8	☐	500000.00	499355.06	201521094.7	518.9657	A	0.6

$$y = 0.0010 * x + 0.0631$$

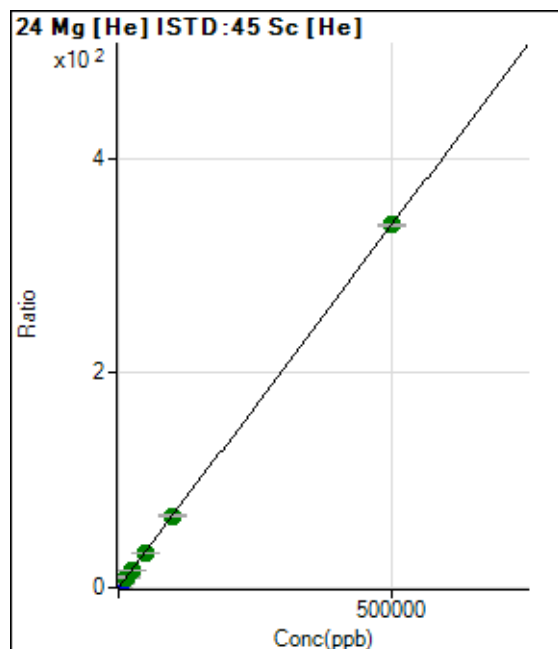
$$R = 1.0000$$

$$DL = 4.299$$

$$BEC = 60.72$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	251.31	0.0007	P	14.5
2	☐	500.000	470.314	107939.50	0.3183	P	0.2
3	☐	5000.000	4792.806	1102042.97	3.2374	P	0.6
4	☐	12500.000	14154.724	2838670.21	9.5598	A	24.5
5	☐	25000.000	24290.671	5456229.68	16.4048	A	1.1
6	☐	50000.000	48050.306	10755117.16	32.4503	A	0.7
7	☐	100000.00	99213.573	21948097.70	67.0022	A	0.8
8	☐	500000.00	500348.45	131209093.6	337.8986	A	0.5

$$y = 6.7533\text{E-}004 * x + 7.3479\text{E-}004$$

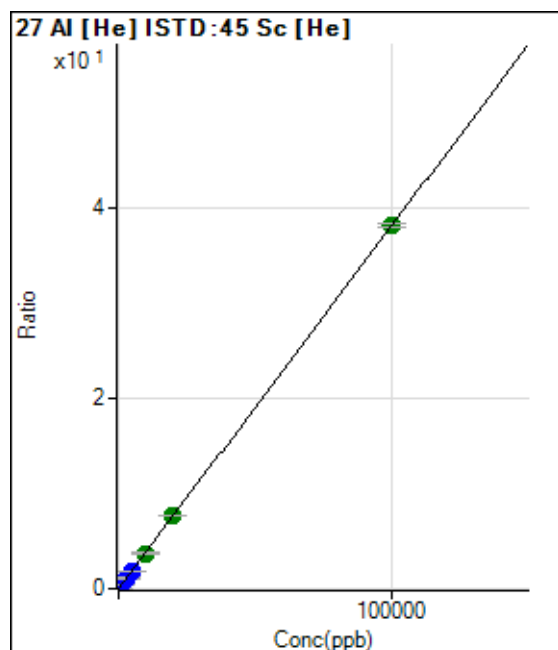
$$R = 1.0000$$

$$DL = 0.4745$$

$$BEC = 1.088$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	684.47	0.0020	P	3.6
2	☐	20.000	18.781	3109.23	0.0092	P	3.2
3	☐	1000.000	978.755	127810.06	0.3754	P	0.9
4	☐	2500.000	2847.373	323398.24	1.0884	P	24.0
5	☐	5000.000	4857.789	617142.58	1.8555	P	0.7
6	☐	10000.000	9750.268	1233611.82	3.7222	A	1.2
7	☐	20000.000	20011.945	2501862.62	7.6375	A	0.7
8	☐	100000.00	100021.22	14819824.64	38.1649	A	1.2

$$y = 3.8155\text{E-}004 * x + 0.0020$$

$$R = 1.0000$$

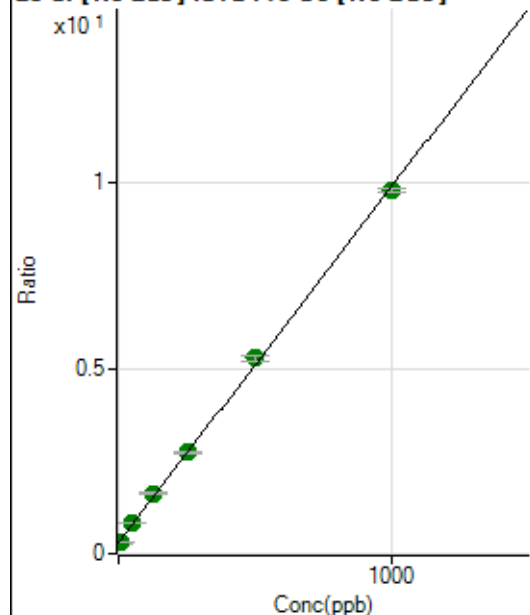
$$DL = 0.5656$$

$$BEC = 5.249$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1092558.63	0.2996	M	16.4
2	☐	10.000	3.288	1208338.67	0.3312	A	2.3
3	☐	50.000	55.094	3018489.16	0.8291	A	1.1
4	☐	125.000	138.720	5746247.41	1.6328	A	1.8
5	☐	250.000	254.717	9868159.57	2.7477	A	2.0
6	☐	500.000	517.285	18510375.28	5.2713	A	2.9
7	☐	1000.000	988.276	34362656.43	9.7981	A	1.2
8	☐			1226853.58	0.2988	A	1.9

$$y = 0.0096 * x + 0.2996$$

$$R = 0.9996$$

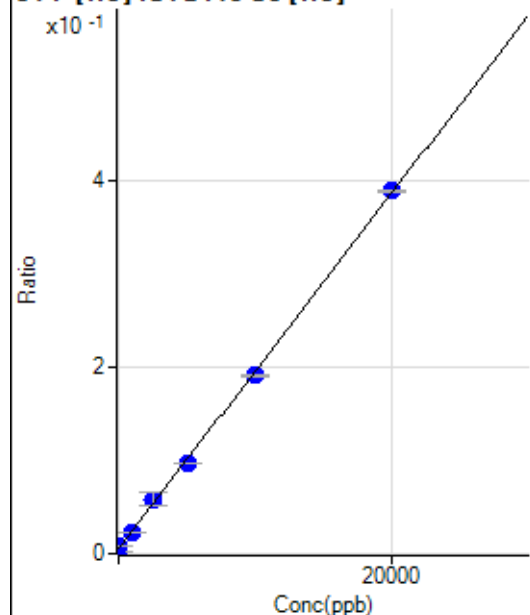
$$DL = 15.37$$

$$BEC = 31.17$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-121.366	986.71	0.0029	P	1.3
2	☐	0.000	121.366	2544.68	0.0075	P	1.1
3	☐	1000.000	896.734	7575.27	0.0223	P	1.3
4	☐	2500.000	2795.457	17316.56	0.0584	P	25.1
5	☐	5000.000	4842.815	32368.79	0.0973	P	0.2
6	☐	10000.000	9741.038	63137.83	0.1905	P	0.3
7	☐	20000.000	20137.009	127184.94	0.3882	P	0.5
8	☐			937.82	0.0024	P	5.8

$$y = 1.9022E-005 * x + 0.0052$$

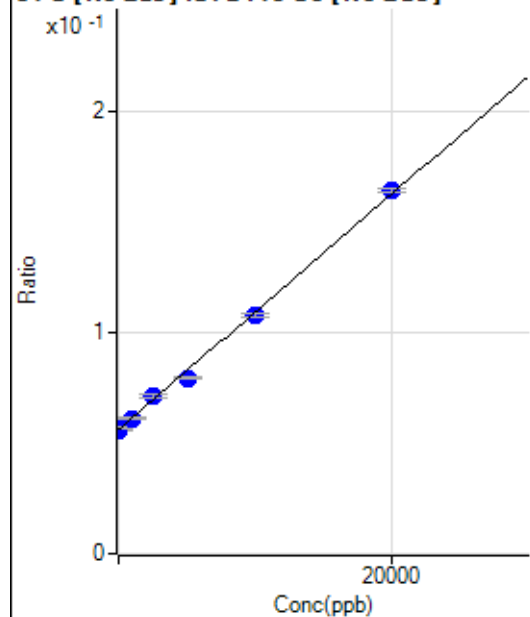
$$R = 0.9996$$

$$DL = 9.503$$

$$BEC = 273.2$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-113.431	202243.09	0.0554	P	1.1
2	☐	0.000	113.431	206715.83	0.0567	P	0.9
3	☐	1000.000	929.240	222041.34	0.0610	P	1.0
4	☐	2500.000	2840.206	250344.51	0.0711	P	2.6
5	☐	5000.000	4381.658	284965.01	0.0793	P	0.9
6	☐	10000.000	9712.411	378133.59	0.1077	P	1.8
7	☐	20000.000	20259.392	574270.07	0.1637	P	1.0
8	☐			179261.03	0.0437	P	0.5

$$y = 5.3159\text{E-}006 * x + 0.0561$$

$$R = 0.9990$$

$$DL = 321.9$$

$$BEC = 1.054\text{E}+04$$

Weight: <None>

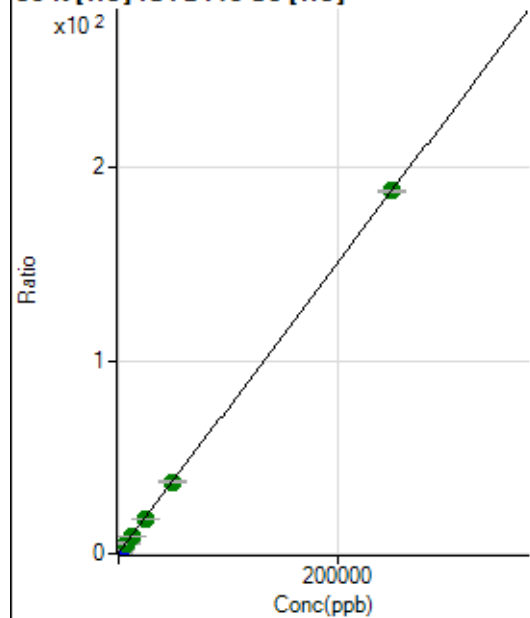
Min Conc: <None>

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	57986.63	0.1697	P	0.5
2	☐	500.000	487.776	181750.07	0.5361	P	0.7
3	☐	2500.000	2509.090	699294.50	2.0543	P	0.1
4	☐	6250.000	6978.675	1614529.11	5.4113	A	20.9
5	☐	12500.000	12138.759	3088846.90	9.2870	A	1.2
6	☐	25000.000	23887.286	6002993.04	18.1112	A	0.9
7	☐	50000.000	49448.014	12222424.12	37.3096	A	0.7
8	☐	250000.00	250221.44	73042800.58	188.1087	A	0.4

$$y = 7.5109\text{E-}004 * x + 0.1697$$

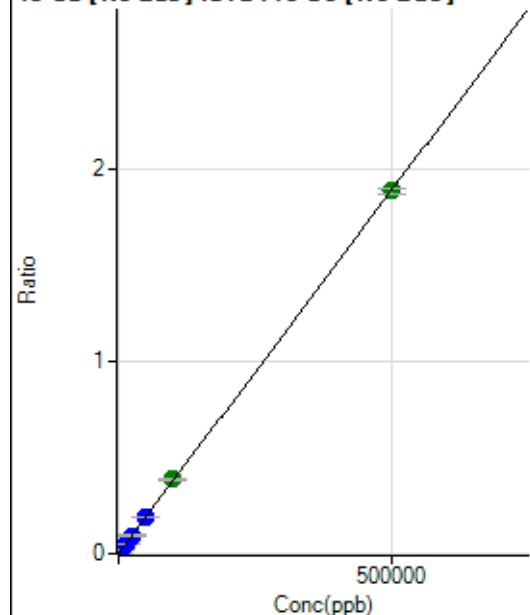
$$R = 1.0000$$

$$DL = 3.437$$

$$BEC = 225.9$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	424.45	0.0001	P	17.7
2	☐	500.000	497.512	7279.58	0.0020	P	4.0
3	☐	5000.000	5111.309	70691.66	0.0194	P	1.2
4	☐	12500.000	13320.559	177419.10	0.0504	P	2.0
5	☐	25000.000	25101.871	340842.59	0.0949	P	2.5
6	☐	50000.000	51063.279	677568.29	0.1929	P	1.7
7	☐	100000.00	101933.08	1350359.65	0.3850	A	1.4
8	☐	500000.00	499480.33	7746081.34	1.8863	A	1.3

$$y = 3.7762\text{E-}006 * x + 1.1648\text{E-}004$$

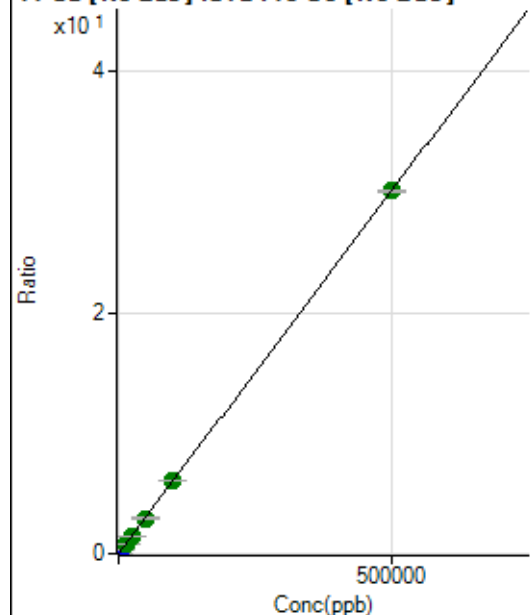
$$R = 1.0000$$

$$DL = 16.36$$

$$BEC = 30.85$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22166.33	0.0061	P	4.2
2	☐	500.000	499.074	131819.94	0.0361	P	0.6
3	☐	5000.000	5143.564	1149619.79	0.3158	P	1.1
4	☐	12500.000	12871.242	2749085.10	0.7811	A	0.9
5	☐	25000.000	24069.975	5226447.73	1.4553	A	2.4
6	☐	50000.000	48686.753	10316081.93	2.9375	A	2.0
7	☐	100000.00	100424.18	21227232.60	6.0527	A	1.5
8	☐	500000.00	500082.27	123676852.6	30.1162	A	0.3

$$y = 6.0210\text{E-}005 * x + 0.0061$$

$$R = 1.0000$$

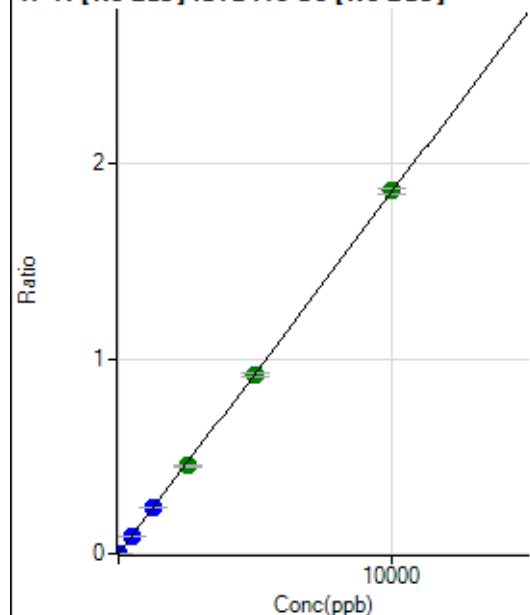
$$DL = 12.77$$

$$BEC = 100.9$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.11	0.0000	P	6.9
2	☐	5.000	4.971	3451.54	0.0009	P	3.0
3	☐	500.000	491.031	331313.52	0.0910	P	0.7
4	☐	1250.000	1274.380	831016.60	0.2361	P	1.8
5	☐	2500.000	2433.324	1619304.19	0.4509	A	2.2
6	☐	5000.000	4936.974	3212603.46	0.9148	A	1.8
7	☐	10000.000	10045.583	6527721.78	1.8613	A	1.5
8	☐			782.25	0.0002	P	2.5

$$y = 1.8528\text{E-}004 * x + 2.4970\text{E-}005$$

$$R = 0.9999$$

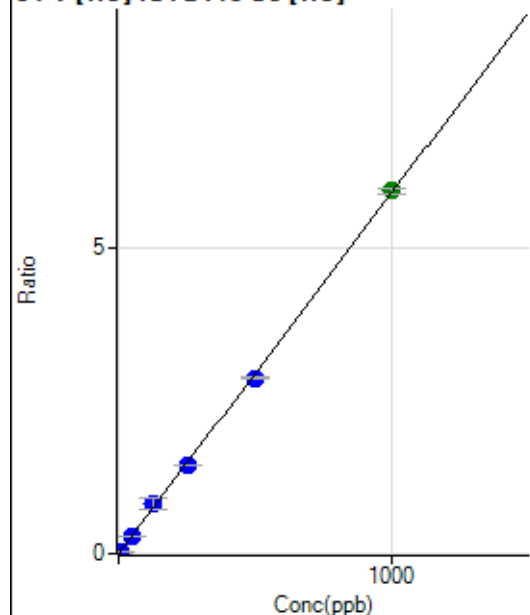
$$DL = 0.02805$$

$$BEC = 0.1348$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.89	0.0001	P	36.6
2	☐	5.000	4.880	9789.92	0.0289	P	2.9
3	☐	50.000	48.943	98420.07	0.2891	P	1.3
4	☐	125.000	140.204	246422.51	0.8282	P	22.8
5	☐	250.000	244.219	479779.09	1.4425	P	0.7
6	☐	500.000	486.518	952413.89	2.8736	P	1.0
7	☐	1000.000	1006.340	1947021.19	5.9439	A	1.4
8	☐			3792.73	0.0098	P	2.8

$$y = 0.0059 * x + 5.5275\text{E-}005$$

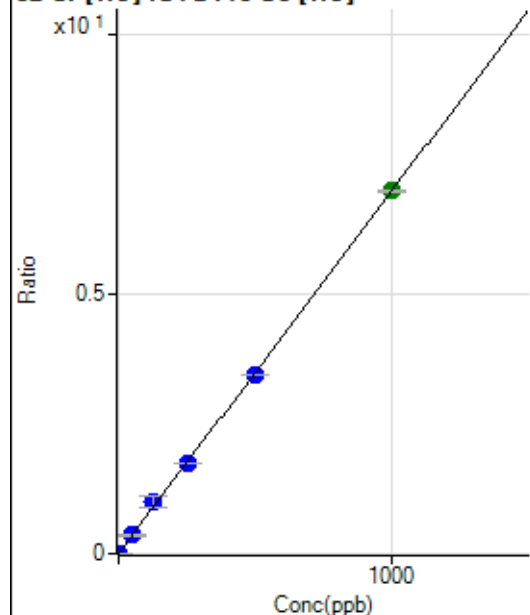
$$R = 0.9997$$

$$DL = 0.01026$$

$$BEC = 0.009359$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1505.65	0.0044	P	1.1
2	☐	2.000	1.935	6061.27	0.0179	P	0.8
3	☐	50.000	49.854	119635.08	0.3515	P	1.0
4	☐	125.000	143.176	297591.25	1.0011	P	23.6
5	☐	250.000	247.920	575499.49	1.7303	P	0.2
6	☐	500.000	493.552	1140181.74	3.4402	P	0.9
7	☐	1000.000	1001.480	2285177.73	6.9761	A	0.8
8	☐			26652.51	0.0686	P	0.8

$$y = 0.0070 * x + 0.0044$$

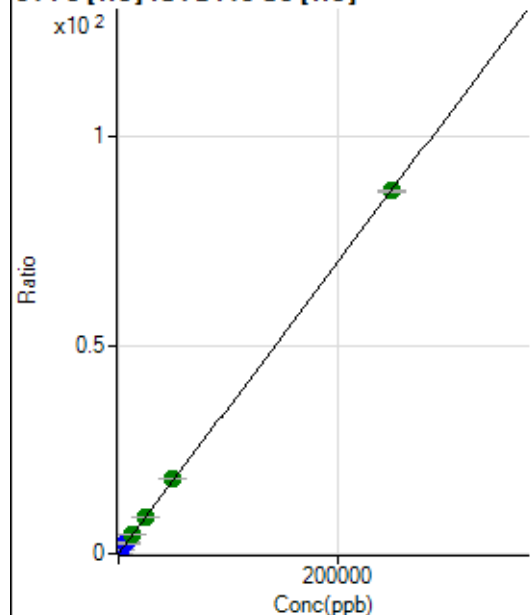
$$R = 0.9998$$

$$DL = 0.02167$$

$$BEC = 0.6329$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2017.93	0.0059	P	6.0
2	☐	50.000	52.279	8187.85	0.0241	P	0.6
3	☐	2500.000	2652.987	317195.31	0.9318	P	0.2
4	☐	6250.000	7604.888	790265.93	2.6600	P	24.1
5	☐	12500.000	12869.589	1495936.54	4.4974	A	1.3
6	☐	25000.000	25340.407	2933142.38	8.8498	A	1.5
7	☐	50000.000	51439.026	5882684.49	17.9582	A	1.2
8	☐	250000.00	249624.27	33831864.50	87.1253	A	0.4

$$y = 3.4900E-004 * x + 0.0059$$

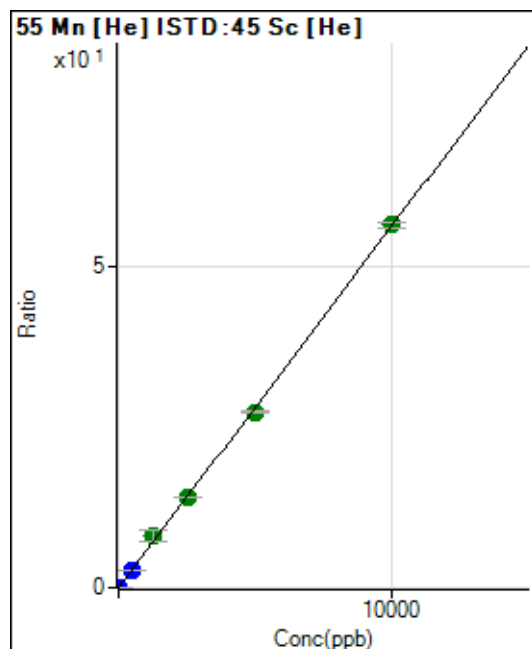
$$R = 1.0000$$

$$DL = 3.043$$

$$BEC = 16.91$$

Weight: <None>

Min Conc: <None>



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	437.79	0.0013	P	12.7
2	☐	1.000	0.985	2315.76	0.0068	P	3.8
3	☐	500.000	499.967	958715.90	2.8164	P	0.6
4	☐	1250.000	1439.941	2413767.07	8.1090	A	22.6
5	☐	2500.000	2496.032	4674982.57	14.0555	A	1.4
6	☐	5000.000	4856.331	9062954.52	27.3454	A	1.1
7	☐	10000.000	10049.085	18535017.64	56.5838	A	1.3
8	☐			17907.43	0.0461	P	1.2

$$y = 0.0056 * x + 0.0013$$

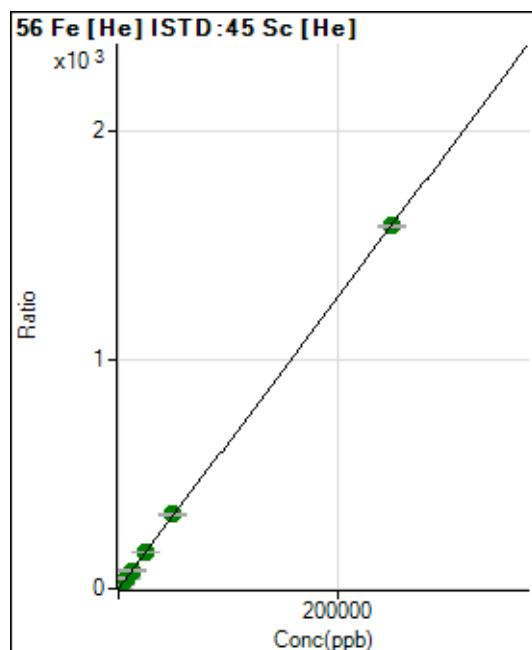
$$R = 0.9996$$

$$DL = 0.08683$$

$$BEC = 0.2275$$

Weight: <None>

Min Conc: <None>



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14847.44	0.0435	P	2.4
2	☐	50.000	50.564	123541.59	0.3644	P	0.1
3	☐	2500.000	2523.384	5466478.95	16.0587	A	1.3
4	☐	6250.000	7256.488	13709847.99	46.0985	A	23.2
5	☐	12500.000	12563.206	26534199.05	79.7789	A	1.2
6	☐	25000.000	24742.620	52063202.56	157.0785	A	1.1
7	☐	50000.000	51017.493	106075308.4	323.8385	A	2.1
8	☐	250000.00	249793.68	615625786.3	1,585.420	A	0.2

$$y = 0.0063 * x + 0.0435$$

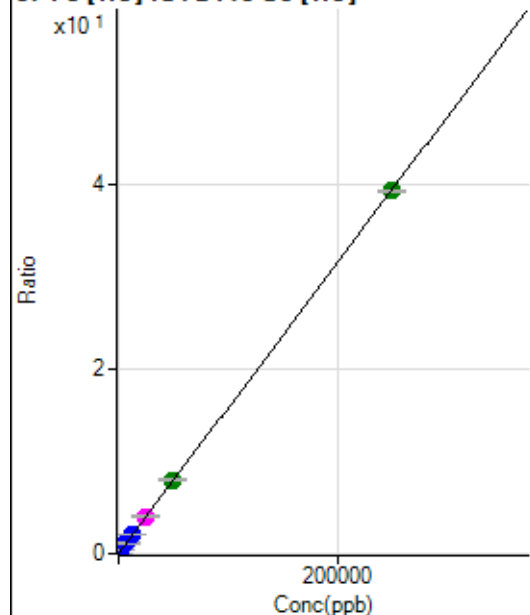
$$R = 1.0000$$

$$DL = 0.5008$$

$$BEC = 6.847$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1491.20	0.0044	P	10.2
2	☐	50.000	53.257	4319.56	0.0127	P	1.5
3	☐	2500.000	2627.917	142147.22	0.4176	P	0.3
4	☐	6250.000	7576.041	355310.31	1.1956	P	23.8
5	☐	12500.000	13047.530	683812.57	2.0560	P	1.0
6	☐	25000.000	25579.708	1334743.10	4.0265	M	1.9
7	☐	50000.000	50749.237	2615228.97	7.9842	A	2.4
8	☐	250000.00	249730.37	15249688.24	39.2719	A	0.3

$$y = 1.5724\text{E-}004 * x + 0.0044$$

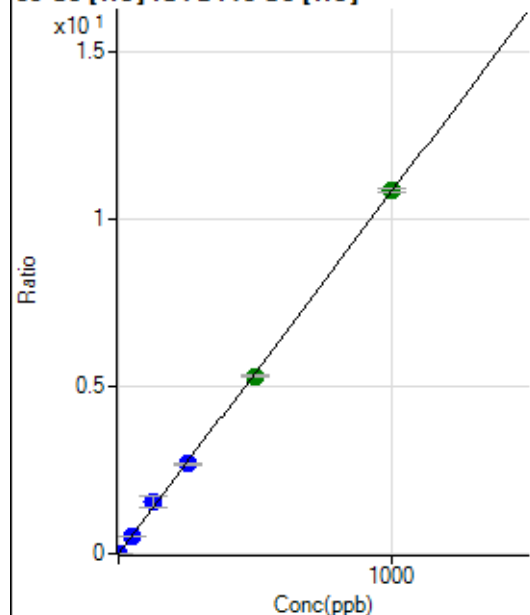
$$R = 1.0000$$

$$DL = 8.468$$

$$BEC = 27.76$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0003	P	8.4
2	☐	1.000	1.030	3866.09	0.0114	P	1.9
3	☐	50.000	49.981	183766.43	0.5398	P	0.5
4	☐	125.000	143.521	460471.37	1.5496	P	23.8
5	☐	250.000	247.688	889392.27	2.6741	P	1.1
6	☐	500.000	491.424	1758276.21	5.3052	A	1.3
7	☐	1000.000	1002.552	3545264.15	10.8228	A	1.2
8	☐			13376.07	0.0344	P	1.6

$$y = 0.0108 * x + 2.8939\text{E-}004$$

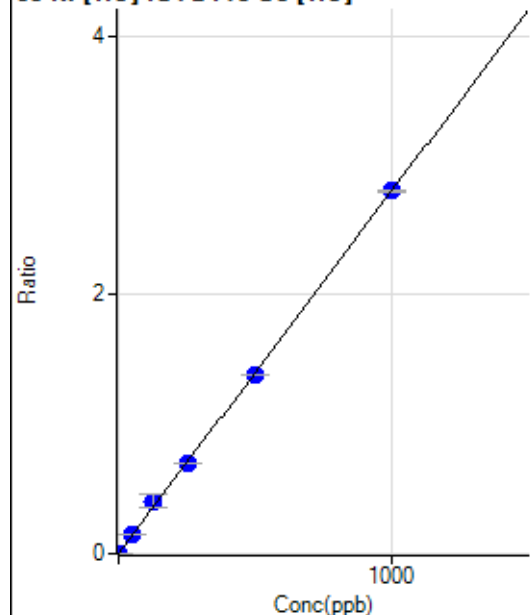
$$R = 0.9997$$

$$DL = 0.006758$$

$$BEC = 0.02681$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	373.34	0.0011	P	7.2
2	☐	1.000	0.948	1268.96	0.0037	P	6.5
3	☐	50.000	50.759	48719.03	0.1431	P	1.4
4	☐	125.000	144.951	120840.90	0.4067	P	24.0
5	☐	250.000	249.609	232669.62	0.6995	P	0.8
6	☐	500.000	493.233	457793.41	1.3812	P	1.0
7	☐	1000.000	1000.950	917878.65	2.8019	P	0.6
8	☐			8178.99	0.0211	P	1.2

$$y = 0.0028 * x + 0.0011$$

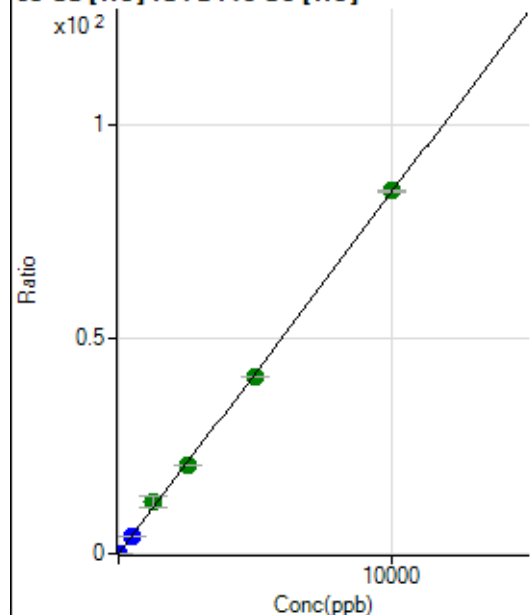
$$R = 0.9998$$

$$DL = 0.08481$$

$$BEC = 0.3904$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1116.72	0.0033	P	4.2
2	☐	2.000	1.828	6323.62	0.0186	P	2.3
3	☐	500.000	500.983	1435991.89	4.2186	P	1.1
4	☐	1250.000	1442.169	3606872.52	12.1377	A	23.8
5	☐	2500.000	2458.111	6880371.70	20.6859	A	0.3
6	☐	5000.000	4885.337	13625306.47	41.1087	A	0.1
7	☐	10000.000	10043.733	27684092.64	84.5116	A	0.5
8	☐			7393.00	0.0190	P	3.0

$$y = 0.0084 * x + 0.0033$$

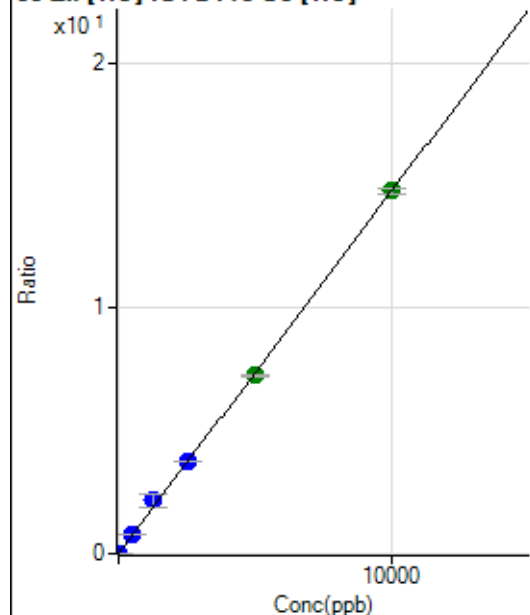
$$R = 0.9997$$

$$DL = 0.04935$$

$$BEC = 0.3885$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1572.32	0.0046	P	3.9
2	☐	5.000	4.318	3721.61	0.0110	P	3.7
3	☐	500.000	509.463	257603.01	0.7567	P	0.4
4	☐	1250.000	1459.935	641850.52	2.1600	P	23.8
5	☐	2500.000	2527.462	1242621.35	3.7360	P	0.6
6	☐	5000.000	4908.052	2403255.40	7.2506	A	0.6
7	☐	10000.000	10012.394	4843470.69	14.7864	A	1.8
8	☐			8315.73	0.0214	P	2.3

$$y = 0.0015 * x + 0.0046$$

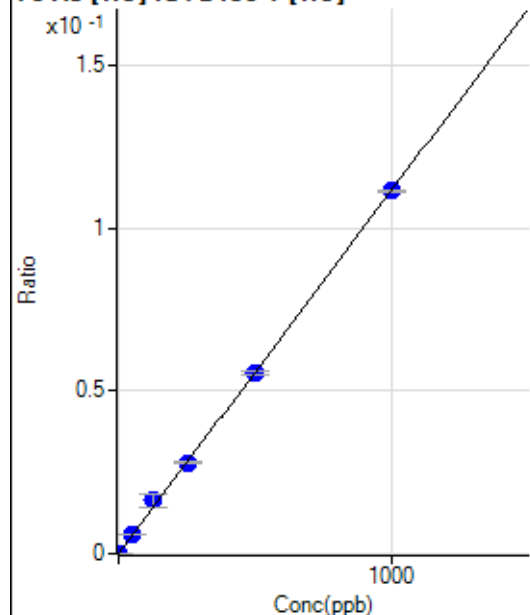
$$R = 0.9997$$

$$DL = 0.3636$$

$$BEC = 3.117$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0000	P	10.9
2	☐	1.000	1.040	316.67	0.0001	P	10.4
3	☐	50.000	50.649	14373.72	0.0057	P	1.0
4	☐	125.000	145.693	35653.96	0.0163	P	23.5
5	☐	250.000	249.976	70265.61	0.0279	P	1.4
6	☐	500.000	497.383	138714.67	0.0555	P	2.5
7	☐	1000.000	998.695	276290.96	0.1115	P	0.3
8	☐			238.89	0.0001	P	3.7

$$y = 1.1161E-004 * x + 7.3077E-006$$

$$R = 0.9998$$

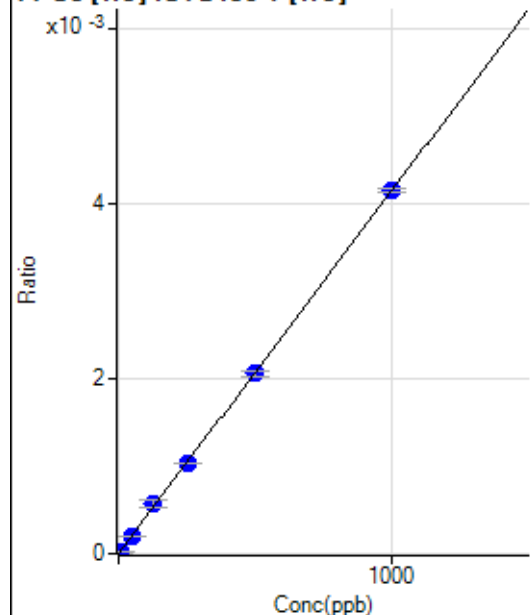
$$DL = 0.02142$$

$$BEC = 0.06547$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	5.000	5.146	58.89	0.0000	P	44.6
3	☐	50.000	48.500	514.46	0.0002	P	5.6
4	☐	125.000	138.650	1274.51	0.0006	P	15.9
5	☐	250.000	250.613	2616.92	0.0010	P	0.4
6	☐	500.000	495.874	5133.15	0.0021	P	2.9
7	☐	1000.000	1000.278	10268.10	0.0041	P	0.9
8	☐			8.89	0.0000	P	21.0

$$y = 4.1399\text{E-}006 * x + 1.7266\text{E-}006$$

$$R = 0.9999$$

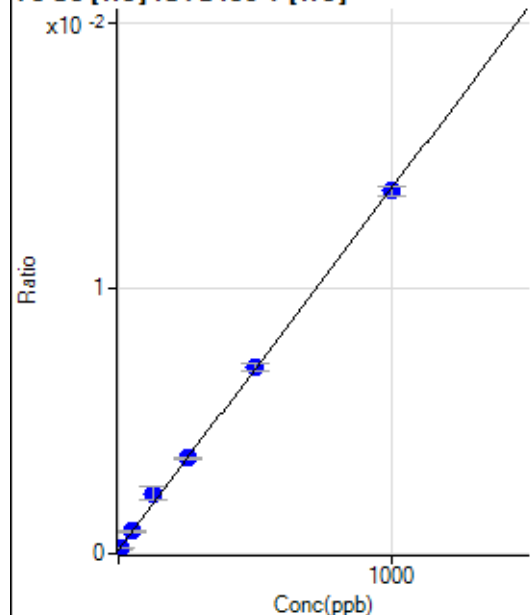
$$DL = 1.084$$

$$BEC = 0.4171$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	392.23	0.0002	P	7.8
2	☐	5.000	3.851	524.46	0.0002	P	9.6
3	☐	50.000	50.918	2147.95	0.0008	P	2.8
4	☐	125.000	155.638	4994.21	0.0023	P	21.8
5	☐	250.000	253.065	9068.41	0.0036	P	1.6
6	☐	500.000	504.495	17559.44	0.0070	P	4.1
7	☐	1000.000	993.116	33934.64	0.0137	P	2.5
8	☐			395.56	0.0001	P	12.0

$$y = 1.3634\text{E-}005 * x + 1.5171\text{E-}004$$

$$R = 0.9995$$

$$DL = 2.613$$

$$BEC = 11.13$$

Weight: <None>

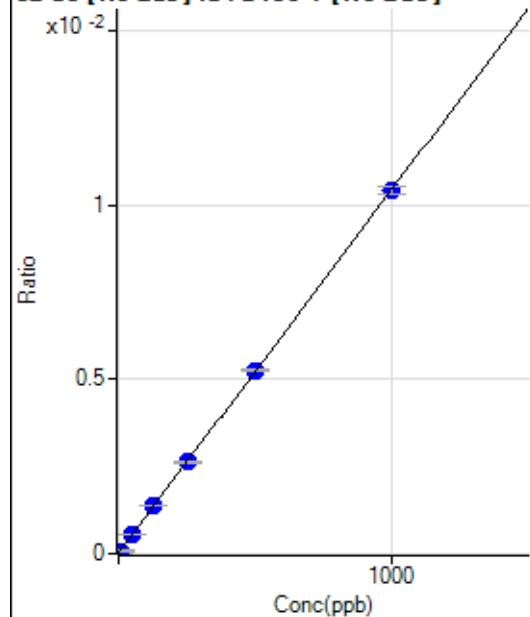
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8295.75		P	0.5
2	☐			8223.47		P	0.9
3	☐			8041.16		P	4.7
4	☐			7882.18		P	0.0
5	☐			7881.07		P	1.1
6	☐			7718.76		P	1.0
7	☐			7836.60		P	1.8
8	☐			8116.76		P	5.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			135.56		P	12.6
2	☐			154.45		P	22.9
3	☐			122.23		P	11.4
4	☐			146.67		P	14.2
5	☐			144.45		P	10.4
6	☐			141.11		P	9.8
7	☐			133.34		P	7.5
8	☐			195.56		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	184.08	0.0000	P	34.3
2	☐	5.000	5.685	724.89	0.0001	P	9.6
3	☐	50.000	51.462	5120.40	0.0006	P	4.1
4	☐	125.000	130.805	12430.75	0.0014	P	2.4
5	☐	250.000	250.676	23887.77	0.0026	P	1.5
6	☐	500.000	503.216	47062.80	0.0053	P	1.5
7	☐	1000.000	997.421	93446.25	0.0104	P	2.0
8	☐			353.68	0.0000	P	11.6

$$y = 1.0402\text{E-}005 * x + 2.0182\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.995$$

$$BEC = 1.94$$

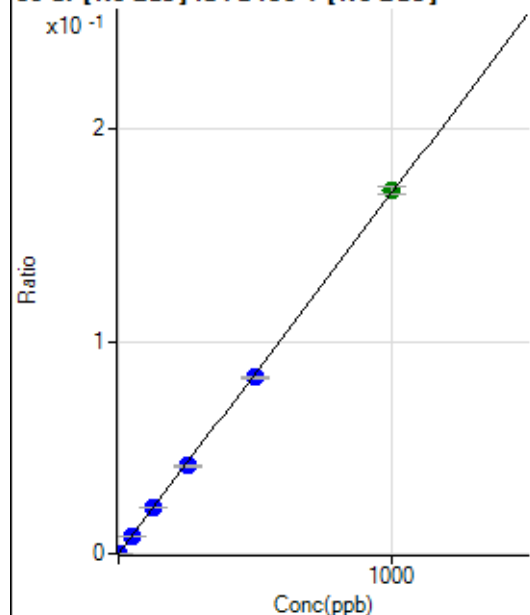
Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			445.57		P	1.1
2	☐			397.79		P	3.5
3	☐			444.45		P	10.1
4	☐			418.90		P	4.9
5	☐			446.68		P	12.3
6	☐			414.45		P	3.3
7	☐			400.01		P	5.8
8	☐			408.90		P	6.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	753.36	0.0001	P	8.2
2	☐	1.000	0.890	2132.40	0.0002	P	4.0
3	☐	50.000	49.266	77762.12	0.0084	P	2.1
4	☐	125.000	126.291	193538.73	0.0215	P	1.7
5	☐	250.000	243.286	375736.60	0.0413	P	2.7
6	☐	500.000	489.459	744163.23	0.0831	P	0.9
7	☐	1000.000	1006.825	1535346.76	0.1708	A	2.2
8	☐			23226.22	0.0023	P	0.3

$$y = 1.6955E-004 * x + 8.2509E-005$$

$$R = 0.9999$$

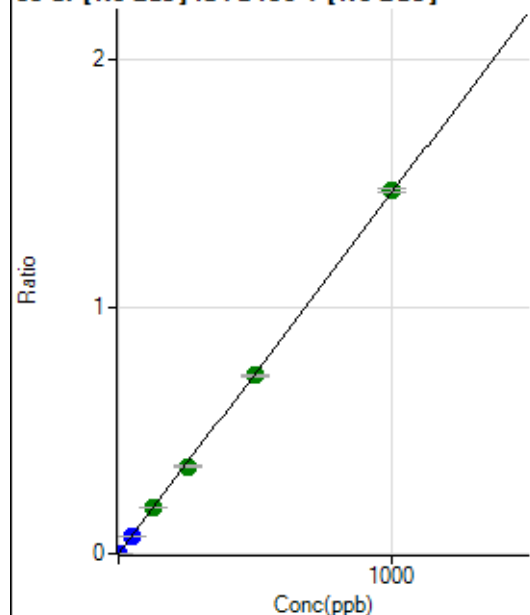
$$DL = 0.1196$$

$$BEC = 0.4866$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.34	0.0000	P	17.8
2	☐	1.000	0.940	12755.63	0.0014	P	3.7
3	☐	50.000	49.419	666136.12	0.0723	P	1.3
4	☐	125.000	126.635	1667136.94	0.1851	A	1.3
5	☐	250.000	242.047	3216829.88	0.3538	A	1.4
6	☐	500.000	492.917	6453963.03	0.7206	A	1.8
7	☐	1000.000	1005.354	13211368.97	1.4696	A	1.1
8	☐			198364.13	0.0195	P	0.8

$$y = 0.0015 * x + 2.2281E-005$$

$$R = 0.9999$$

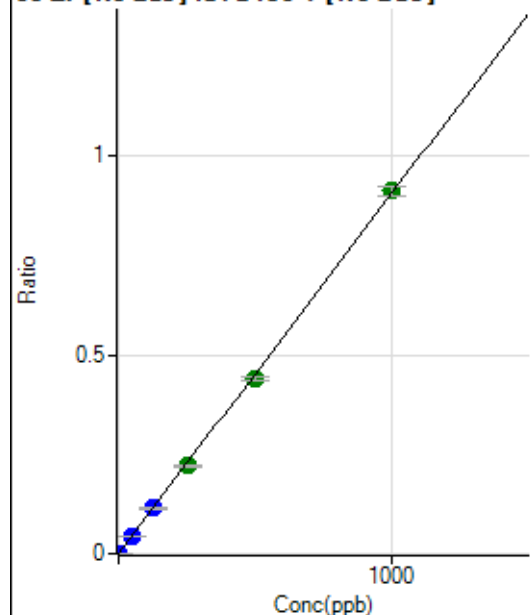
$$DL = 0.008131$$

$$BEC = 0.01524$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	451.12	0.0000	P	7.3
2	☐	1.000	0.975	8522.55	0.0009	P	3.6
3	☐	50.000	48.517	405725.80	0.0440	P	1.5
4	☐	125.000	125.793	1026840.45	0.1140	P	1.1
5	☐	250.000	243.316	2004762.09	0.2205	A	2.9
6	☐	500.000	487.174	3954403.41	0.4415	A	1.6
7	☐	1000.000	1008.059	8211959.53	0.9135	A	2.9
8	☐			9192.96	0.0009	P	3.5

$$y = 9.0614\text{E-}004 * x + 4.9441\text{E-}005$$

$$R = 0.9999$$

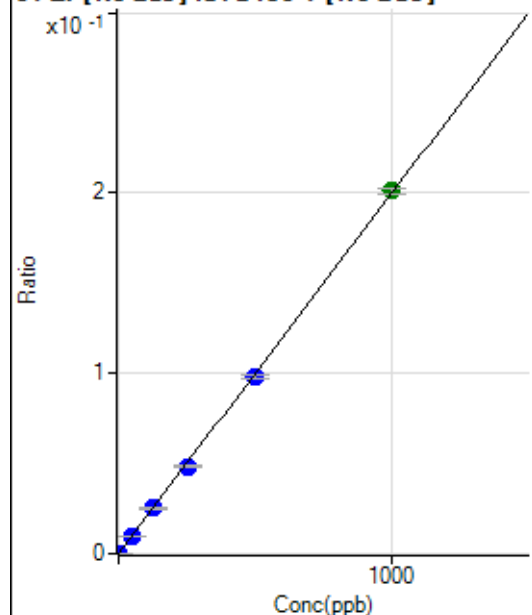
$$DL = 0.01197$$

$$BEC = 0.05456$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0000	P	23.4
2	☐	1.000	0.985	1869.03	0.0002	P	1.2
3	☐	50.000	48.788	89894.95	0.0098	P	2.9
4	☐	125.000	125.532	225836.89	0.0251	P	0.9
5	☐	250.000	242.615	440575.29	0.0485	P	2.2
6	☐	500.000	489.742	876244.07	0.0978	P	1.8
7	☐	1000.000	1006.969	1808032.12	0.2011	A	1.6
8	☐			1955.71	0.0002	P	3.4

$$y = 1.9972\text{E-}004 * x + 7.7833\text{E-}006$$

$$R = 0.9999$$

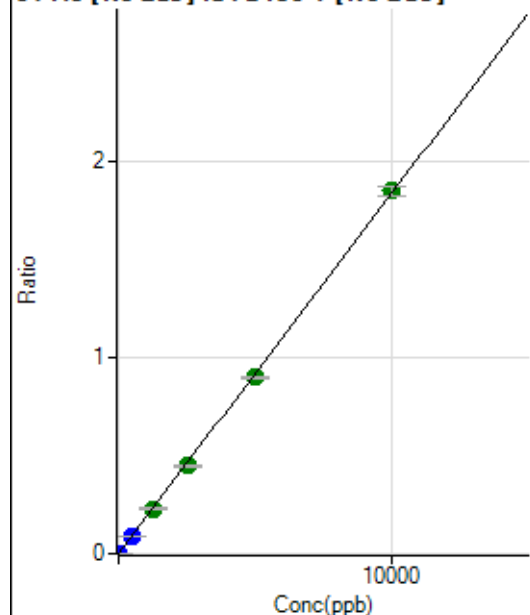
$$DL = 0.02738$$

$$BEC = 0.03897$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	254.46	0.0000	P	26.4
2	☐	5.000	5.795	9964.62	0.0011	P	2.2
3	☐	500.000	486.522	822743.45	0.0893	P	1.6
4	☐	1250.000	1245.541	2056881.67	0.2284	A	1.8
5	☐	2500.000	2435.652	4060992.16	0.4467	A	1.6
6	☐	5000.000	4891.187	8035129.74	0.8970	A	1.0
7	☐	10000.000	10071.725	16604516.70	1.8471	A	2.5
8	☐			7576.49	0.0007	P	2.4

$$y = 1.8339E-004 * x + 2.7857E-005$$

R = 0.9999

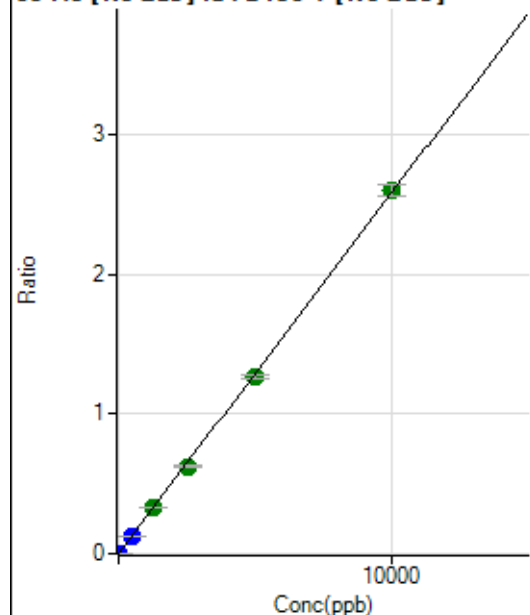
DL = 0.1204

BEC = 0.1519

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.89	0.0000	P	7.7
2	☐	5.000	4.901	11762.60	0.0013	P	1.4
3	☐	500.000	488.787	1164652.46	0.1263	P	1.4
4	☐	1250.000	1263.123	2939743.08	0.3265	A	0.8
5	☐	2500.000	2424.051	5695246.23	0.6265	A	1.8
6	☐	5000.000	4903.295	11349872.61	1.2672	A	2.5
7	☐	10000.000	10066.260	23386563.26	2.6015	A	3.2
8	☐			7016.18	0.0007	P	3.1

$$y = 2.5844E-004 * x + 2.0690E-005$$

R = 0.9999

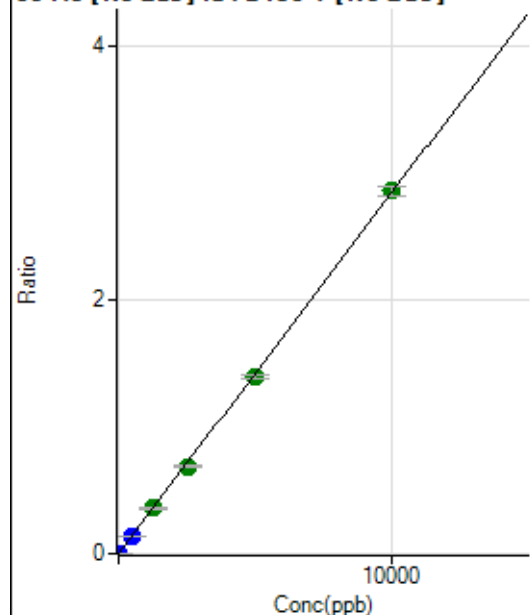
DL = 0.01842

BEC = 0.08006

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.78	0.0000	P	15.2
2	☐	5.000	4.986	13177.14	0.0014	P	1.4
3	☐	500.000	490.570	1283602.78	0.1392	P	1.6
4	☐	1250.000	1264.150	3230319.22	0.3588	A	1.7
5	☐	2500.000	2426.252	6259848.59	0.6886	A	1.8
6	☐	5000.000	4901.855	12459612.73	1.3911	A	2.6
7	☐	10000.000	10066.212	25680627.12	2.8567	A	2.6
8	☐			11447.93	0.0011	P	3.4

$$y = 2.8379\text{E-}004 * x + 2.7132\text{E-}005$$

$$R = 0.9999$$

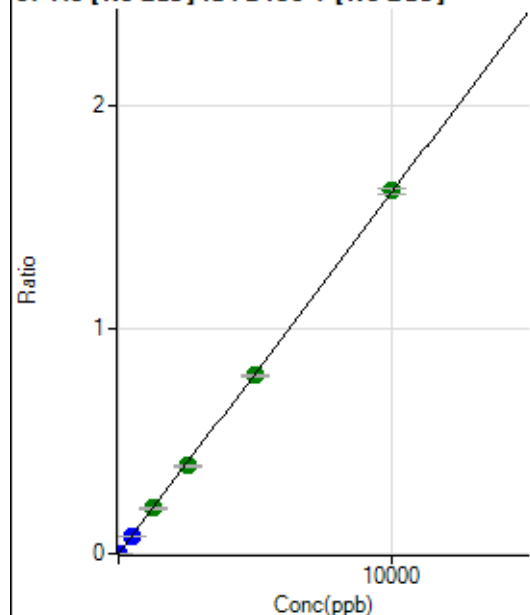
$$DL = 0.04358$$

$$BEC = 0.09561$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	12.8
2	☐	5.000	4.933	7406.39	0.0008	P	5.2
3	☐	500.000	491.933	730536.18	0.0792	P	1.8
4	☐	1250.000	1267.184	1837625.42	0.2041	A	2.4
5	☐	2500.000	2433.295	3563039.63	0.3919	A	1.5
6	☐	5000.000	4928.423	7109929.89	0.7938	A	2.0
7	☐	10000.000	10050.720	14552563.95	1.6188	A	1.5
8	☐			4577.43	0.0005	P	4.2

$$y = 1.6106\text{E-}004 * x + 1.6197\text{E-}005$$

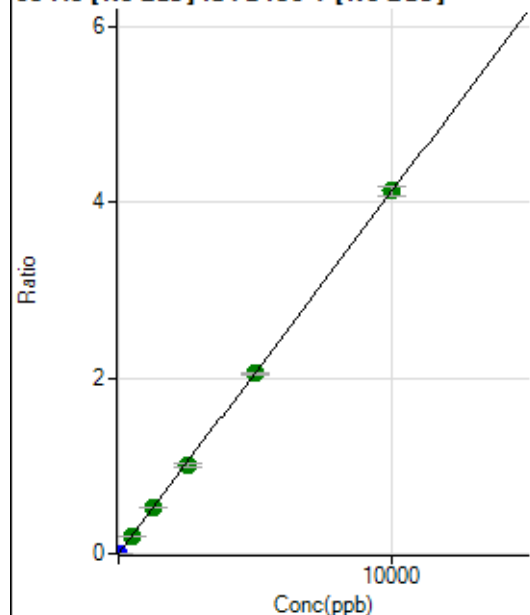
$$R = 0.9999$$

$$DL = 0.03868$$

$$BEC = 0.1006$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	246.67	0.0000	P	7.4
2	☐	5.000	4.946	18874.54	0.0021	P	2.1
3	☐	500.000	496.540	1886846.95	0.2047	A	1.5
4	☐	1250.000	1261.465	4682353.30	0.5200	A	0.6
5	☐	2500.000	2452.870	9191043.06	1.0110	A	3.6
6	☐	5000.000	4977.449	18376882.09	2.0515	A	1.3
7	☐	10000.000	10021.798	37132815.00	4.1306	A	2.4
8	☐			11608.06	0.0011	P	3.6

$$y = 4.1216\text{E-}004 * x + 2.7030\text{E-}005$$

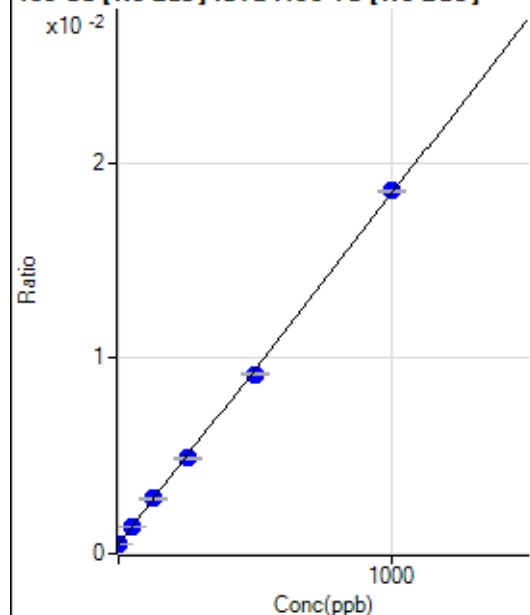
$$R = 1.0000$$

$$DL = 0.01449$$

$$BEC = 0.06558$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3283.74	0.0005	P	3.1
2	☐	1.000	-0.170	3275.96	0.0005	P	0.9
3	☐	50.000	51.102	9502.07	0.0014	P	1.3
4	☐	125.000	129.817	18372.84	0.0028	P	3.3
5	☐	250.000	244.552	32797.07	0.0049	P	2.3
6	☐	500.000	485.162	62258.48	0.0092	P	0.5
7	☐	1000.000	1008.125	123817.17	0.0186	P	0.7
8	☐			3370.43	0.0004	P	4.4

$$y = 1.7925\text{E-}005 * x + 4.9369\text{E-}004$$

$$R = 0.9998$$

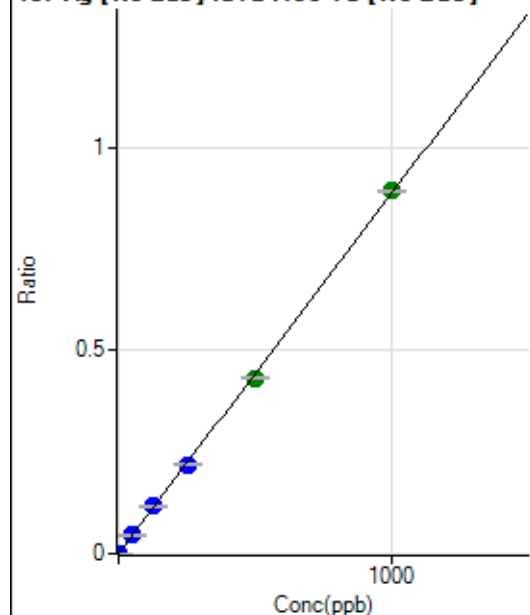
$$DL = 2.59$$

$$BEC = 27.54$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.00	0.0000	P	18.7
2	☐	1.000	1.069	6405.91	0.0010	P	1.3
3	☐	50.000	50.708	303428.24	0.0450	P	2.2
4	☐	125.000	131.751	761912.84	0.1169	P	1.6
5	☐	250.000	246.627	1471970.72	0.2189	P	2.9
6	☐	500.000	485.848	2921271.45	0.4312	A	1.1
7	☐	1000.000	1007.040	5961353.38	0.8938	A	0.9
8	☐			1431.20	0.0002	P	5.9

$$y = 8.8753E-004 * x + 1.0521E-005$$

$$R = 0.9998$$

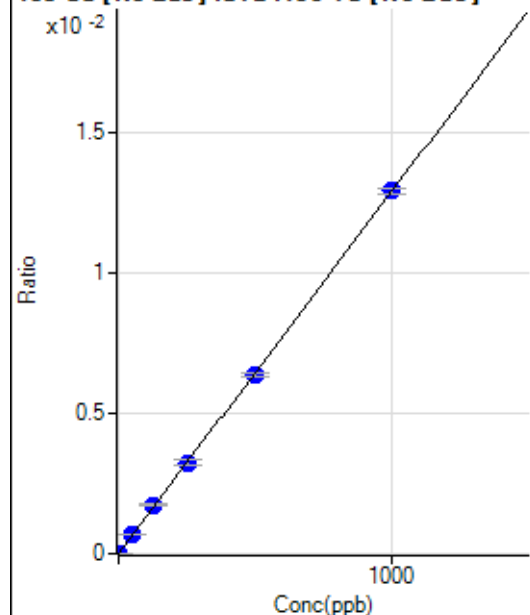
$$DL = 0.006653$$

$$BEC = 0.01185$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.56	0.0000	P	65.1
2	☐	1.000	0.928	95.55	0.0000	P	7.5
3	☐	50.000	51.517	4498.52	0.0007	P	4.1
4	☐	125.000	134.440	11320.05	0.0017	P	3.4
5	☐	250.000	250.939	21789.87	0.0032	P	6.2
6	☐	500.000	491.999	43049.44	0.0064	P	2.3
7	☐	1000.000	1002.510	86344.80	0.0129	P	1.3
8	☐			74.44	0.0000	P	20.7

$$y = 1.2911E-005 * x + 2.3346E-006$$

$$R = 0.9999$$

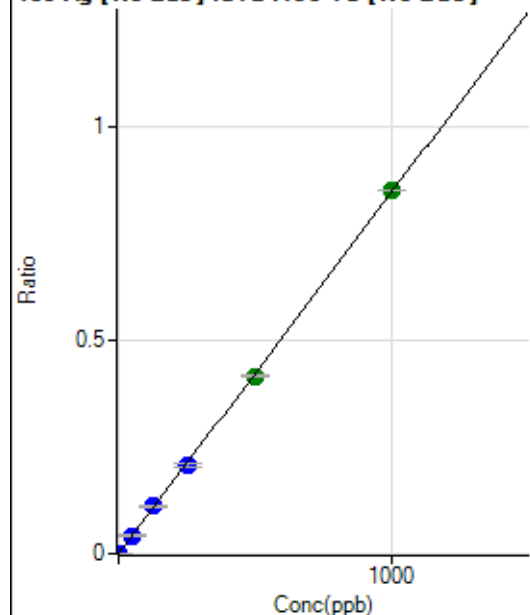
$$DL = 0.3529$$

$$BEC = 0.1808$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0000	P	3.9
2	☐	1.000	1.051	5975.74	0.0009	P	0.7
3	☐	50.000	50.423	287174.17	0.0426	P	1.5
4	☐	125.000	131.350	723010.51	0.1110	P	1.7
5	☐	250.000	246.185	1398451.98	0.2080	P	3.6
6	☐	500.000	491.507	2812988.61	0.4152	A	1.1
7	☐	1000.000	1004.385	5659099.50	0.8485	A	0.1
8	☐			1333.41	0.0002	P	2.2

$$y = 8.4480\text{E-}004 * x + 6.8493\text{E-}006$$

$$R = 0.9999$$

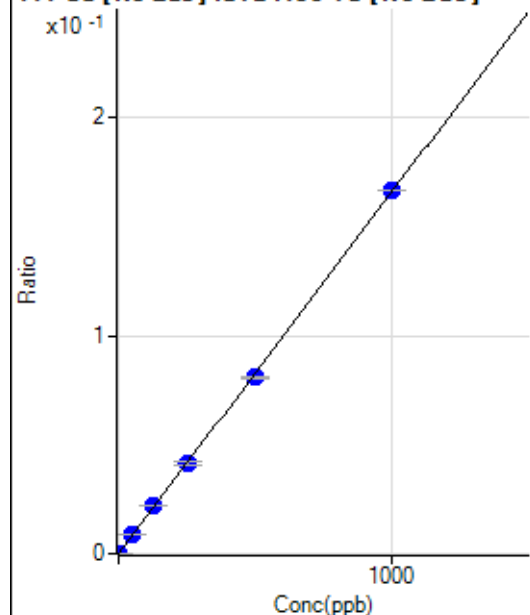
$$DL = 0.0009588$$

$$BEC = 0.008108$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.52	0.0000	P	4.9
2	☐	1.000	0.892	1163.62	0.0002	P	7.4
3	☐	50.000	51.526	57743.89	0.0086	P	1.6
4	☐	125.000	133.016	143793.48	0.0221	P	2.1
5	☐	250.000	251.440	280389.10	0.0417	P	3.2
6	☐	500.000	488.739	548946.84	0.0810	P	1.1
7	☐	1000.000	1004.192	1110211.42	0.1665	P	0.2
8	☐			637.54	0.0001	P	2.5

$$y = 1.6574\text{E-}004 * x + 2.6392\text{E-}005$$

$$R = 0.9999$$

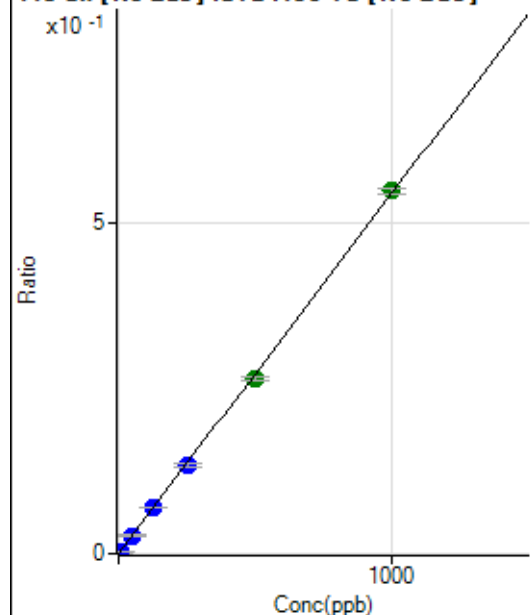
$$DL = 0.02328$$

$$BEC = 0.1592$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	758.91	0.0001	P	9.8
2	☐	5.000	5.006	18979.28	0.0028	P	0.7
3	☐	50.000	50.074	184722.85	0.0274	P	2.2
4	☐	125.000	129.409	460250.25	0.0706	P	1.9
5	☐	250.000	244.937	898342.78	0.1336	P	3.8
6	☐	500.000	485.153	1792069.59	0.2645	A	2.1
7	☐	1000.000	1008.135	3665414.95	0.5496	A	1.8
8	☐			3141.48	0.0004	P	1.0

$$y = 5.4502\text{E-}004 * x + 1.1413\text{E-}004$$

$$R = 0.9998$$

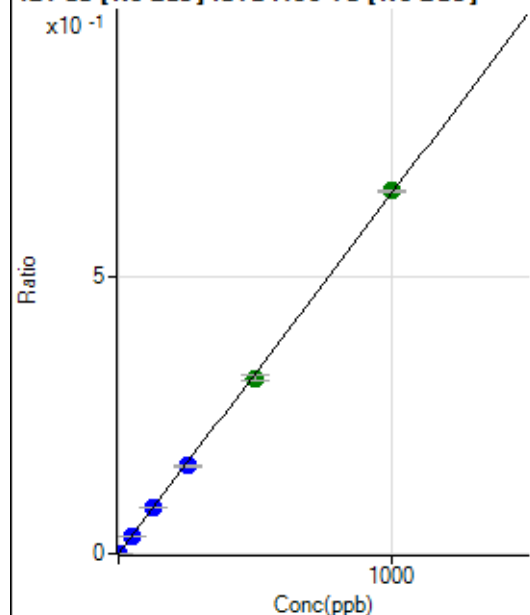
$$DL = 0.06146$$

$$BEC = 0.2094$$

Weight: <None>

Min Conc: <None>

121 Sb [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	0.4
2	☐	2.000	2.024	8796.09	0.0013	P	3.1
3	☐	50.000	49.141	214974.05	0.0319	P	1.6
4	☐	125.000	128.467	543164.14	0.0834	P	1.7
5	☐	250.000	243.142	1060930.58	0.1578	P	3.5
6	☐	500.000	488.127	2145953.14	0.3168	A	2.8
7	☐	1000.000	1007.261	4359453.06	0.6537	A	0.5
8	☐			4484.08	0.0006	P	2.2

$$y = 6.4894\text{E-}004 * x + 4.0101\text{E-}006$$

$$R = 0.9999$$

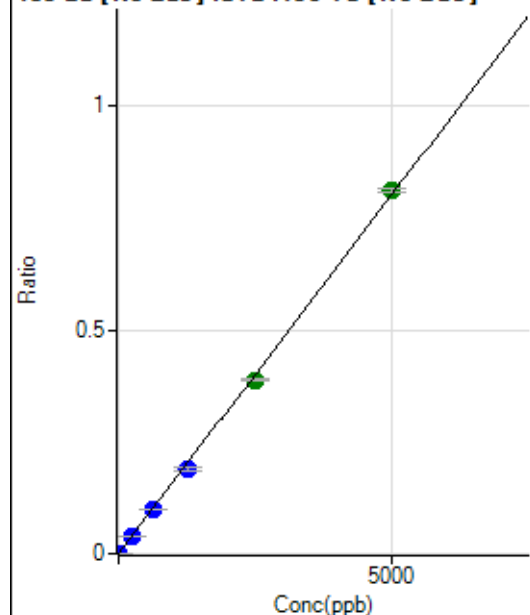
$$DL = 8.157\text{E-}05$$

$$BEC = 0.006179$$

Weight: <None>

Min Conc: <None>

135 Ba [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	40.5
2	☐	10.000	9.474	10148.15	0.0015	P	2.4
3	☐	250.000	239.178	258165.16	0.0383	P	1.9
4	☐	625.000	624.131	651171.32	0.0999	P	1.4
5	☐	1250.000	1182.566	1273154.96	0.1894	P	3.7
6	☐	2500.000	2415.862	2620692.15	0.3868	A	1.1
7	☐	5000.000	5059.578	5403198.84	0.8102	A	1.0
8	☐			9692.28	0.0013	P	2.3

$$y = 1.6012\text{E-}004 * x + 2.8374\text{E-}006$$

$$R = 0.9997$$

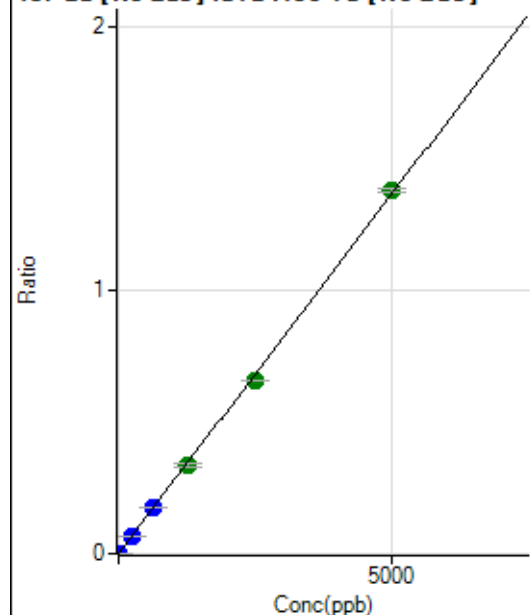
$$DL = 0.02155$$

$$BEC = 0.01772$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	12.4
2	☐	10.000	9.577	17496.45	0.0026	P	2.0
3	☐	250.000	243.787	448579.73	0.0665	P	1.4
4	☐	625.000	637.012	1132806.78	0.1739	P	1.9
5	☐	1250.000	1231.833	2260740.05	0.3362	A	3.4
6	☐	2500.000	2407.146	4451148.30	0.6570	A	0.7
7	☐	5000.000	5049.779	9193300.98	1.3784	A	1.1
8	☐			16806.70	0.0022	P	1.4

$$y = 2.7295\text{E-}004 * x + 6.1816\text{E-}006$$

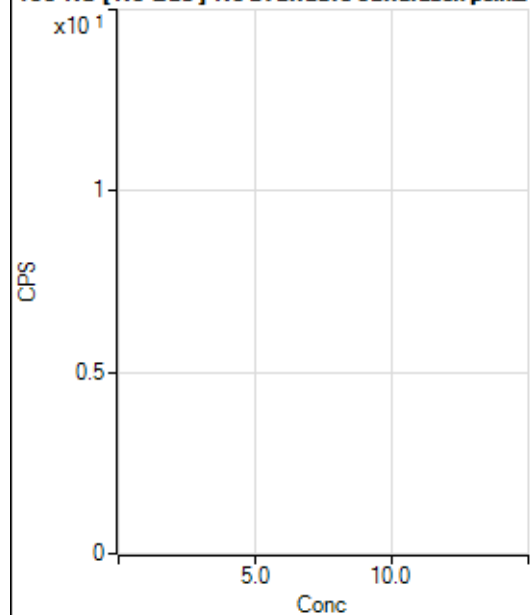
$$R = 0.9997$$

$$DL = 0.008415$$

$$BEC = 0.02265$$

Weight: <None>

Min Conc: <None>

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	0.0
3	☐			15.56		P	75.3
4	☐			25.56		P	19.9
5	☐			46.67		P	7.1
6	☐			116.67		P	4.9
7	☐			204.45		P	6.6
8	☐			121.11		P	15.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			1.11		P	173.
3	☐			4.44		P	114.
4	☐			4.44		P	43.4
5	☐			16.66		P	34.6
6	☐			45.56		P	25.7
7	☐			61.11		P	8.3
8	☐			90.00		P	7.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			10.00		P	57.7
3	☐			10.00		P	66.7
4	☐			21.11		P	9.1
5	☐			51.11		P	10.0
6	☐			75.56		P	40.8
7	☐			111.11		P	14.2
8	☐			251.12		P	11.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			21.11		P	65.7
4	☐			53.33		P	43.8
5	☐			94.45		P	14.3
6	☐			166.67		P	29.9
7	☐			320.01		P	7.5
8	☐			250.00		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	2.7
2	☐			74.45		P	40.6
3	☐			74.44		P	11.3
4	☐			72.22		P	11.6
5	☐			90.00		P	23.1
6	☐			87.78		P	14.4
7	☐			141.11		P	19.7
8	☐			366.68		P	6.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			335.56		P	8.4
2	☐			318.90		P	5.9
3	☐			361.12		P	7.5
4	☐			296.67		P	14.6
5	☐			371.12		P	4.1
6	☐			354.45		P	9.8
7	☐			377.79		P	4.1
8	☐			597.79		P	4.8

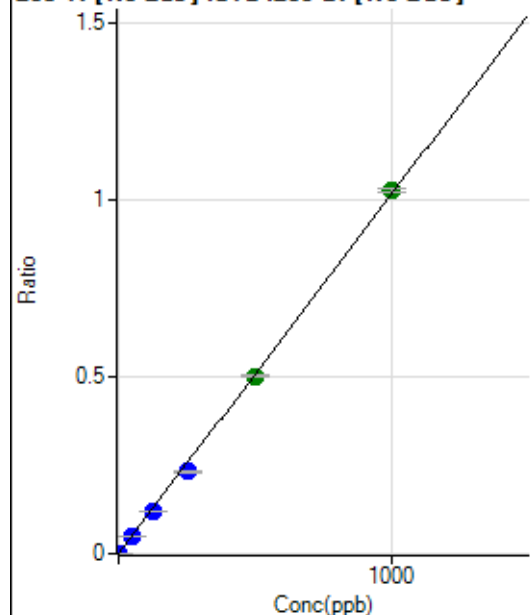
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	38.5
2	☐			30.00		P	22.2
3	☐			46.67		P	18.9
4	☐			50.00		P	34.6
5	☐			73.33		P	16.4
6	☐			108.89		P	7.1
7	☐			191.12		P	8.8
8	☐			578.91		P	6.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	55.7
2	☐			23.33		P	37.8
3	☐			25.56		P	45.8
4	☐			27.78		P	27.7
5	☐			41.11		P	20.4
6	☐			87.78		P	20.9
7	☐			120.00		P	16.9
8	☐			415.57		P	10.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	244.45	0.0001	P	3.2
2	☐	1.000	0.973	4334.07	0.0010	P	2.3
3	☐	50.000	46.707	200017.30	0.0475	P	1.4
4	☐	125.000	118.935	503488.75	0.1209	P	1.4
5	☐	250.000	227.670	987541.06	0.2313	P	2.1
6	☐	500.000	494.302	2095396.38	0.5021	A	1.0
7	☐	1000.000	1009.354	4273254.35	1.0253	A	1.0
8	☐			5053.22	0.0011	P	0.6

$$y = 0.0010 * x + 5.8631E-005$$

$$R = 0.9997$$

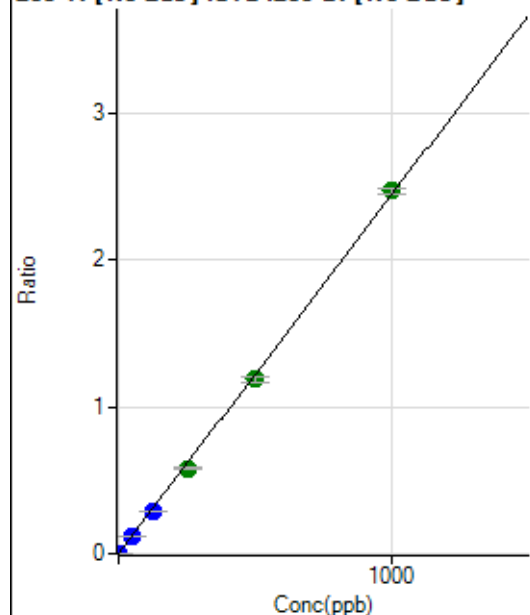
$$DL = 0.005508$$

$$BEC = 0.05772$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	596.69	0.0001	P	7.3
2	☐	1.000	0.947	10181.69	0.0025	P	3.0
3	☐	50.000	46.161	475646.72	0.1130	P	1.7
4	☐	125.000	116.918	1190982.94	0.2859	P	1.3
5	☐	250.000	237.450	2478091.92	0.5805	A	2.2
6	☐	500.000	485.781	4954823.68	1.1874	A	2.5
7	☐	1000.000	1011.450	10302462.76	2.4722	A	1.5
8	☐			12121.05	0.0027	P	0.5

$$y = 0.0024 * x + 1.4314E-004$$

$$R = 0.9998$$

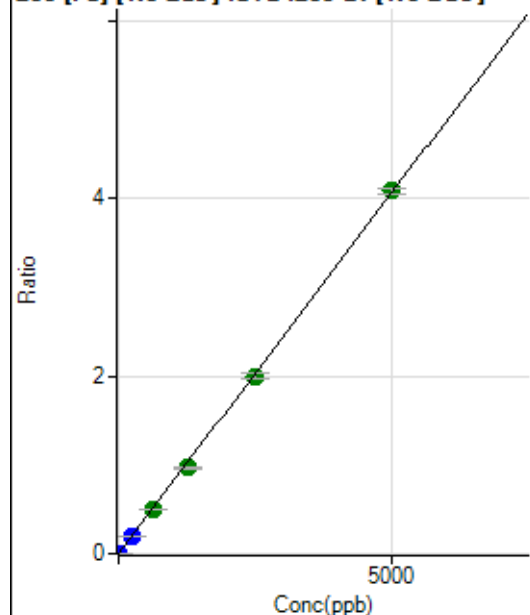
$$DL = 0.01287$$

$$BEC = 0.05857$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	340.01	0.0001	P	7.6
2	☐	1.000	0.841	3168.18	0.0008	P	3.4
3	☐	250.000	236.389	809189.83	0.1922	P	1.7
4	☐	625.000	615.622	2083842.10	0.5003	A	2.2
5	☐	1250.000	1194.792	4144857.96	0.9710	A	2.8
6	☐	2500.000	2465.313	8359443.49	2.0034	A	2.8
7	☐	5000.000	5032.999	17045061.55	4.0899	A	1.4
8	☐			5036.53	0.0011	P	1.5

$$y = 8.1260E-004 * x + 8.1533E-005$$

R = 0.9999

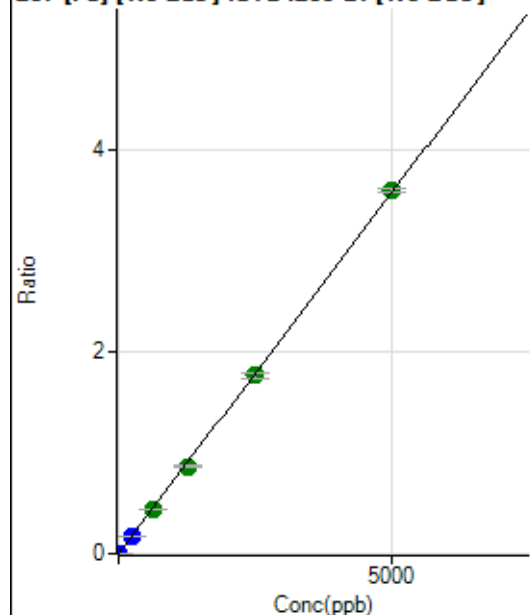
DL = 0.02301

BEC = 0.1003

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	264.45	0.0001	P	8.6
2	☐	1.000	0.872	2839.21	0.0007	P	7.0
3	☐	250.000	233.142	701050.20	0.1665	P	1.1
4	☐	625.000	619.288	1841728.32	0.4421	A	0.8
5	☐	1250.000	1209.525	3685681.64	0.8634	A	2.1
6	☐	2500.000	2469.910	7356552.81	1.7630	A	2.7
7	☐	5000.000	5026.721	14954859.36	3.5880	A	1.0
8	☐			4161.79	0.0009	P	2.7

$$y = 7.1378E-004 * x + 6.3403E-005$$

R = 0.9999

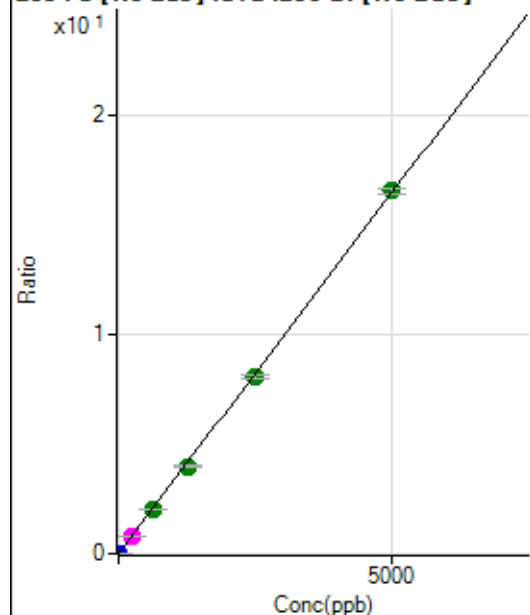
DL = 0.02299

BEC = 0.08883

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1311.15	0.0003	P	6.5
2	☐	1.000	0.845	12832.51	0.0031	P	3.7
3	☐	250.000	234.335	3251846.69	0.7723	M	3.0
4	☐	625.000	619.608	8503777.72	2.0415	A	1.5
5	☐	1250.000	1206.078	16964442.66	3.9736	A	1.7
6	☐	2500.000	2457.246	33780142.00	8.0954	A	1.7
7	☐	5000.000	5033.815	69118085.36	16.5835	A	1.4
8	☐			19751.41	0.0045	P	0.3

$$y = 0.0033 * x + 3.1425E-004$$

$$R = 0.9999$$

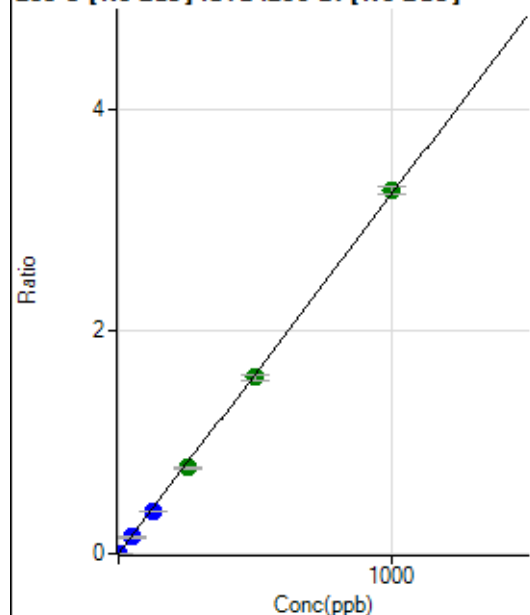
$$DL = 0.01848$$

$$BEC = 0.09539$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0000	P	17.1
2	☐	1.000	0.887	11906.51	0.0029	P	0.6
3	☐	50.000	45.755	622511.40	0.1478	P	1.6
4	☐	125.000	117.163	1576945.50	0.3785	P	0.7
5	☐	250.000	238.988	3296197.07	0.7721	A	2.0
6	☐	500.000	489.517	6599130.60	1.5815	A	2.7
7	☐	1000.000	1009.186	13588368.13	3.2604	A	2.1
8	☐			783.37	0.0002	P	11.4

$$y = 0.0032 * x + 9.5981E-006$$

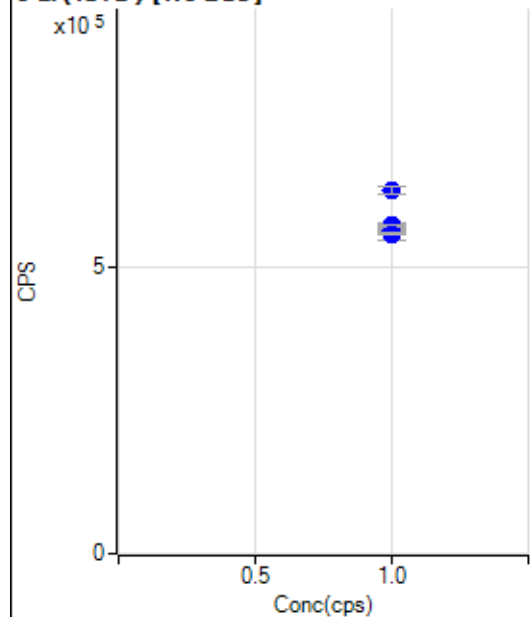
$$R = 0.9998$$

$$DL = 0.001527$$

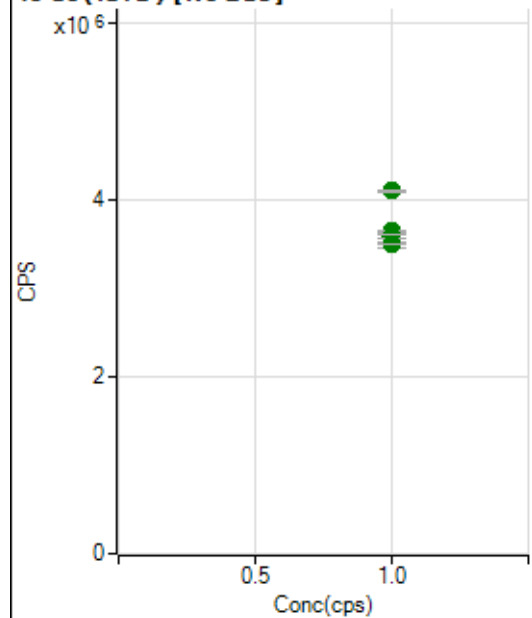
$$BEC = 0.002971$$

Weight: <None>

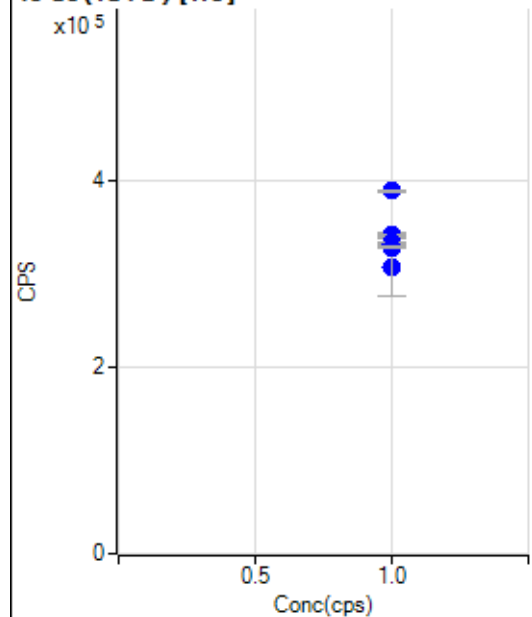
Min Conc: <None>

6 Li (ISTD) [No Gas]

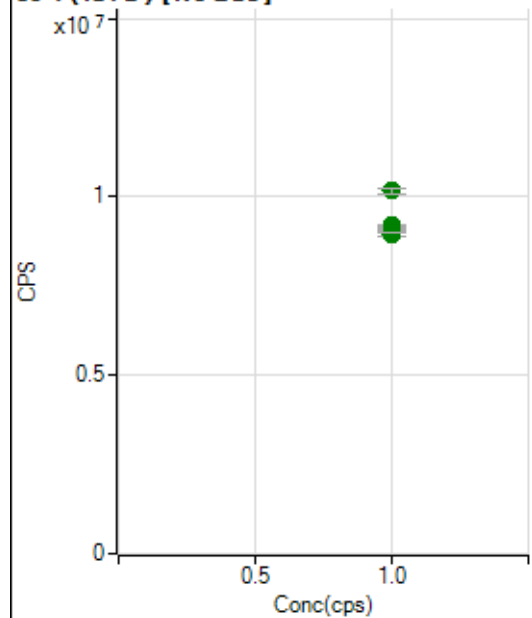
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		562489.45		P	0.6
2	☐	1.000		564333.80		P	1.0
3	☐	1.000		570905.01		P	0.7
4	☐	1.000		560746.87		P	4.0
5	☐	1.000		575063.43		P	1.0
6	☐	1.000		573814.67		P	0.4
7	☐	1.000		558776.96		P	0.7
8	☐	1.000		634824.33		P	2.0

45 Sc (ISTD) [No Gas]

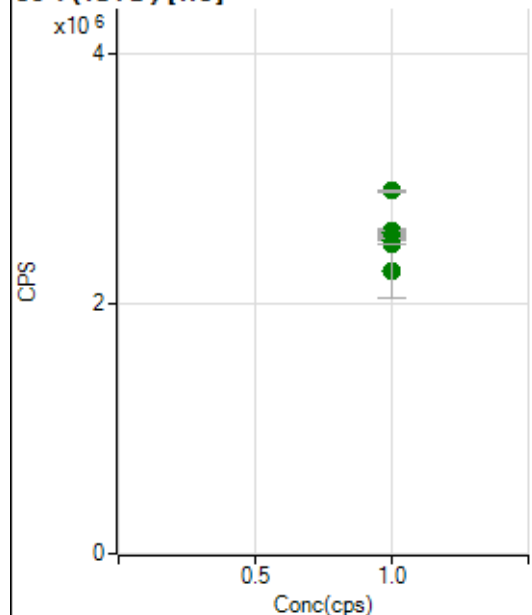
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3647647.93		A	0.9
2	☐	1.000		3648825.08		A	0.5
3	☐	1.000		3640692.31		A	0.5
4	☐	1.000		3520246.65		A	2.8
5	☐	1.000		3591727.45		A	1.0
6	☐	1.000		3512057.86		A	1.0
7	☐	1.000		3507078.21		A	0.2
8	☐	1.000		4106671.81		A	0.4

45 Sc (ISTD) [He]

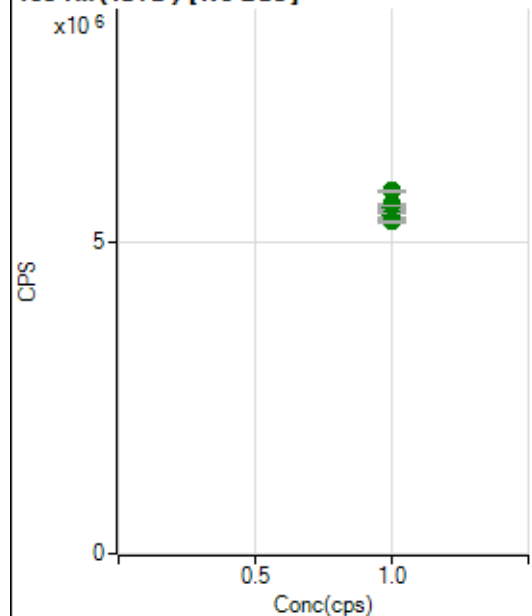
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		341715.67		P	0.9
2	☐	1.000		339055.94		P	0.8
3	☐	1.000		340412.69		P	0.6
4	☐	1.000		306831.15		P	19.9
5	☐	1.000		332610.58		P	0.5
6	☐	1.000		331447.76		P	1.1
7	☐	1.000		327584.30		P	0.6
8	☐	1.000		388307.80		P	0.6

89 Y (ISTD) [No Gas]

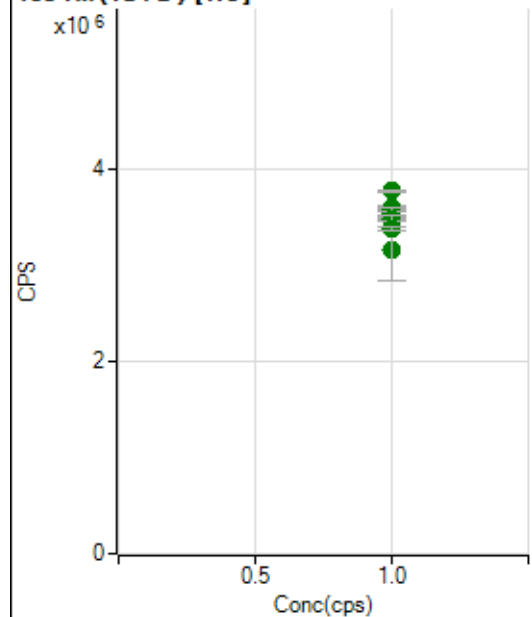
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9127457.16		A	0.8
2	☐	1.000		9137189.31		A	0.6
3	☐	1.000		9218509.24		A	0.2
4	☐	1.000		9005963.61		A	2.2
5	☐	1.000		9091272.02		A	0.5
6	☐	1.000		8958601.05		A	2.0
7	☐	1.000		8989623.61		A	0.0
8	☐	1.000		10167551.86		A	1.3

89 Y (ISTD) [He]

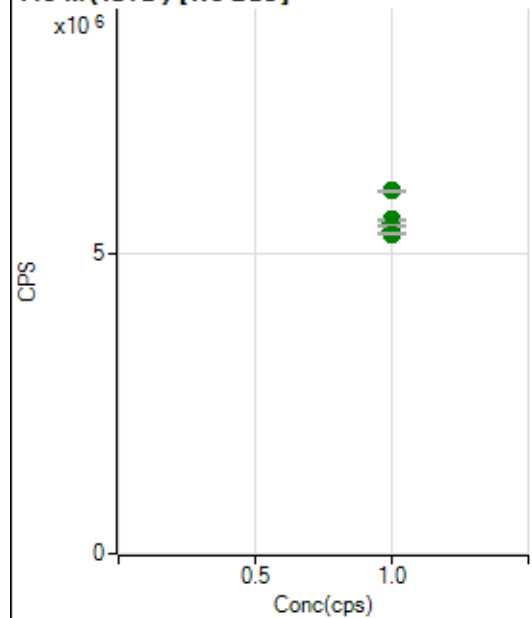
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2586458.95		A	1.2
2	☐	1.000		2567733.42		A	1.4
3	☐	1.000		2539525.50		A	0.9
4	☐	1.000		2260245.09		A	19.4
5	☐	1.000		2518006.85		A	1.4
6	☐	1.000		2499362.83		A	2.4
7	☐	1.000		2478517.98		A	0.1
8	☐	1.000		2901631.00		A	0.9

103 Rh (ISTD) [No Gas]

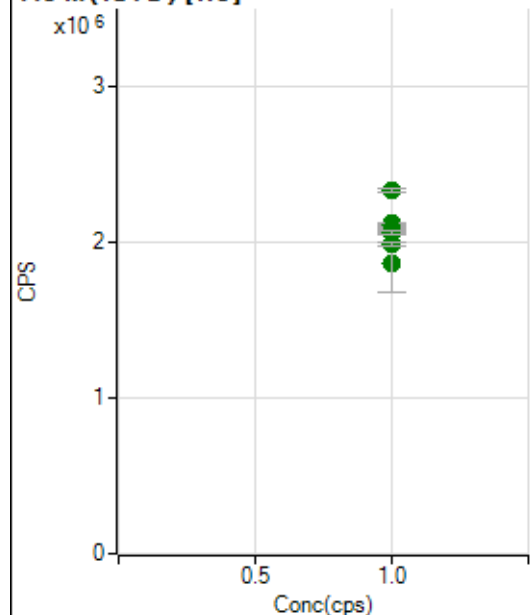
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5572958.67		A	1.3
2	☐	1.000		5589661.44		A	1.1
3	☐	1.000		5610458.18		A	0.8
4	☐	1.000		5432920.20		A	2.3
5	☐	1.000		5556559.92		A	1.4
6	☐	1.000		5446722.35		A	1.0
7	☐	1.000		5337118.84		A	0.8
8	☐	1.000		5829296.79		A	0.7

103 Rh (ISTD) [He]

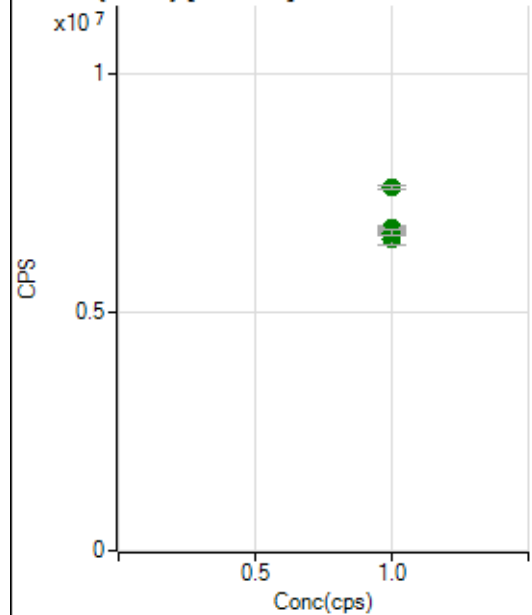
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3601602.48		A	0.9
2	☐	1.000		3544844.32		A	1.6
3	☐	1.000		3592198.35		A	1.1
4	☐	1.000		3169510.02		A	20.0
5	☐	1.000		3480758.39		A	0.6
6	☐	1.000		3496250.61		A	1.7
7	☐	1.000		3387138.25		A	0.8
8	☐	1.000		3780497.13		A	0.7

115 In (ISTD) [No Gas]

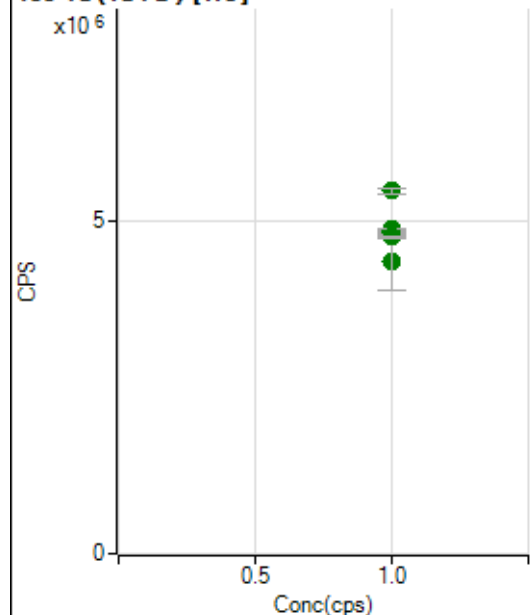
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5568330.15		A	0.6
2	☐	1.000		5510437.52		A	1.4
3	☐	1.000		5576703.79		A	0.2
4	☐	1.000		5392932.22		A	3.2
5	☐	1.000		5496450.37		A	1.7
6	☐	1.000		5460543.03		A	0.6
7	☐	1.000		5331611.34		A	0.7
8	☐	1.000		6047301.46		A	0.3

115 In (ISTD) [He]

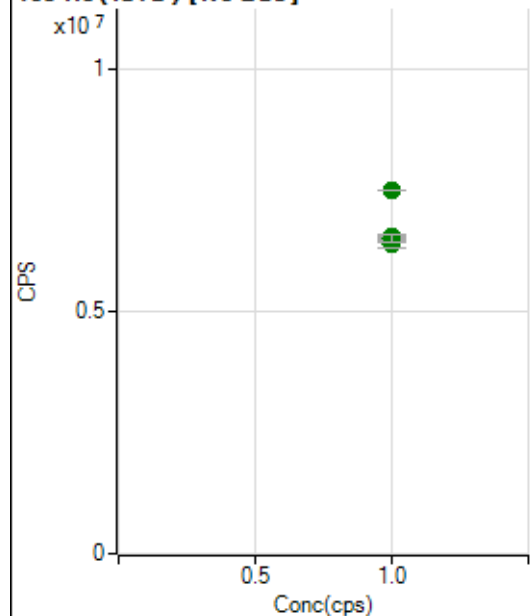
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2117699.51		A	0.4
2	☐	1.000		2111074.10		A	1.6
3	☐	1.000		2087249.10		A	0.5
4	☐	1.000		1866671.74		A	20.5
5	☐	1.000		2063681.74		A	1.0
6	☐	1.000		2061882.49		A	1.2
7	☐	1.000		1989113.70		A	0.9
8	☐	1.000		2329230.87		A	1.1

159 Tb (ISTD) [No Gas]

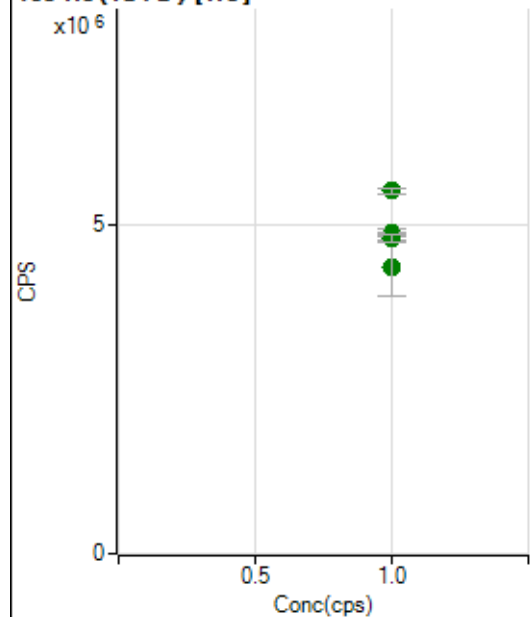
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6650819.48		A	0.4
2	☐	1.000		6677044.76		A	0.6
3	☐	1.000		6740855.18		A	0.7
4	☐	1.000		6517277.47		A	3.0
5	☐	1.000		6727016.64		A	2.3
6	☐	1.000		6774522.47		A	0.1
7	☐	1.000		6669352.40		A	1.5
8	☐	1.000		7608897.11		A	0.9

159 Tb (ISTD) [He]

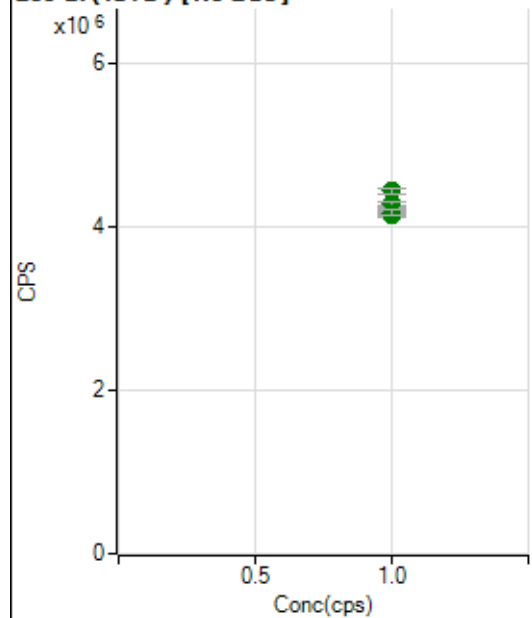
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4879616.45		A	0.6
2	☐	1.000		4803638.51		A	0.6
3	☐	1.000		4852120.62		A	0.8
4	☐	1.000		4383183.89		A	19.7
5	☐	1.000		4852821.66		A	1.5
6	☐	1.000		4828543.09		A	2.2
7	☐	1.000		4760301.15		A	0.6
8	☐	1.000		5449980.30		A	1.6

165 Ho (ISTD) [No Gas]

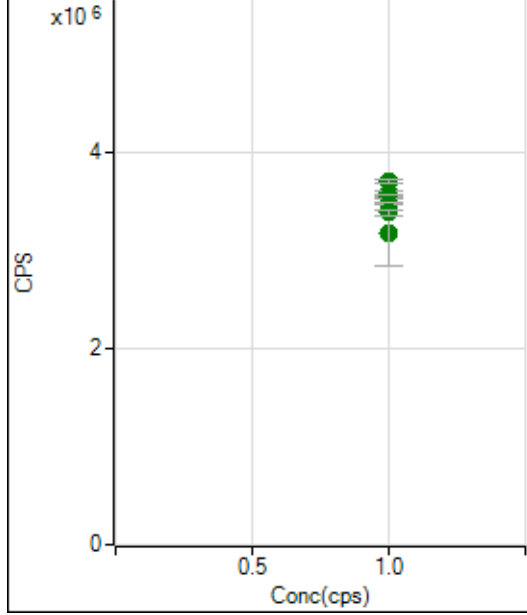
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6500025.46		A	0.9
2	☐	1.000		6487157.96		A	1.0
3	☐	1.000		6551292.26		A	1.3
4	☐	1.000		6392357.40		A	2.8
5	☐	1.000		6571422.68		A	1.1
6	☐	1.000		6532693.03		A	0.4
7	☐	1.000		6529776.43		A	2.5
8	☐	1.000		7495971.70		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4799523.22		A	1.5
2	☐	1.000		4797064.06		A	1.4
3	☐	1.000		4893027.22		A	1.7
4	☐	1.000		4353271.08		A	19.6
5	☐	1.000		4848864.65		A	0.6
6	☐	1.000		4851177.60		A	1.0
7	☐	1.000		4799573.99		A	2.4
8	☐	1.000		5518210.96		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4170294.66		A	1.1
2	☐	1.000		4141060.70		A	0.4
3	☐	1.000		4211724.42		A	2.5
4	☐	1.000		4166465.25		A	2.6
5	☐	1.000		4269845.36		A	1.7
6	☐	1.000		4172937.75		A	0.4
7	☐	1.000		4167831.88		A	1.6
8	☐	1.000		4435855.73		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3537665.30		A	1.1
2	☐	1.000		3515195.33		A	1.8
3	☐	1.000		3577041.65		A	1.8
4	☐	1.000		3161550.91		A	20.3
5	☐	1.000		3548265.54		A	1.3
6	☐	1.000		3472135.33		A	0.5
7	☐	1.000		3377336.65		A	1.3
8	☐	1.000		3692569.04		A	1.0