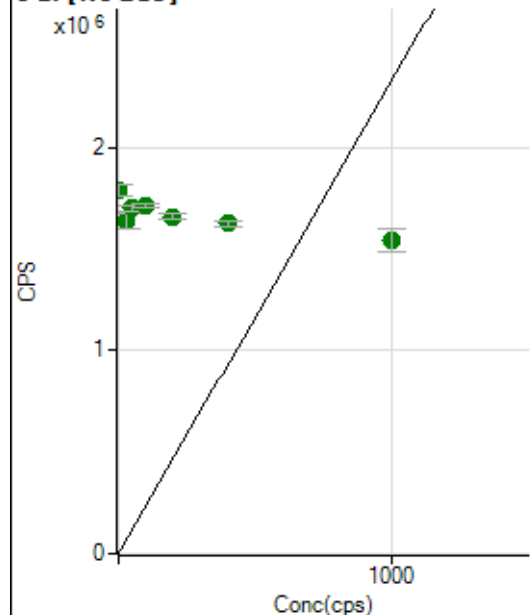


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8080323 MS.b\
Analysis File: P8080323 MS.batch.bin
DA Date-Time: 2023-08-03 19:17:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-03 18:13:35
2	005CALS.d	S02	2023-08-03 18:16:41
3	006CALS.d	S03	2023-08-03 18:19:48
4	007CALS.d	S04	2023-08-03 18:22:51
5	008CALS.d	S05	2023-08-03 18:25:52
6	009CALS.d	S06	2023-08-03 18:28:51
7	010CALS.d	S07	2023-08-03 18:31:51
8	011CALS.d	S08	2023-08-03 18:34:49

6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000	768.180	1787549.90		A	3.2
2	☐	25.000	704.070	1638365.41		A	4.8
3	☐	50.000	731.258	1701633.87		A	1.9
4	☐	100.000	737.128	1715291.26		A	0.8
5	☐	200.000	712.847	1658790.64		A	1.7
6	☐	400.000	698.289	1624913.22		A	1.9
7	☐	1000.000	662.596	1541855.63		A	7.4
8	☐			1524014.74		A	0.7

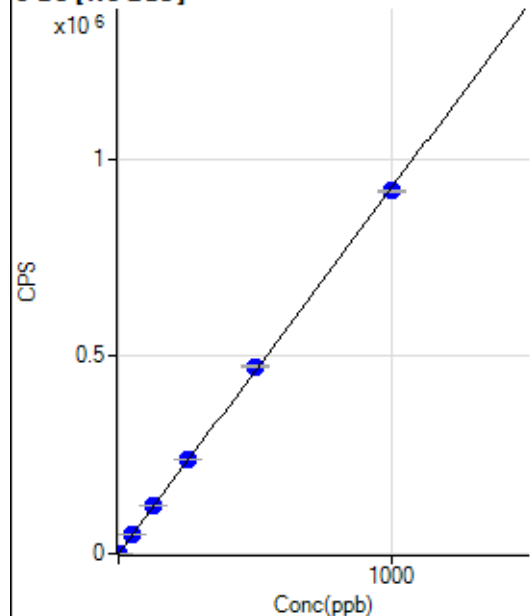
$$y = 2326.993692 * x + 0.000000E+000$$

$$R = -0.8255$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

9 Be [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.24		P	22.3
2	☐	1.000	1.006	983.66		P	5.9
3	☐	50.000	53.112	49283.62		P	1.3
4	☐	125.000	130.749	121250.23		P	2.7
5	☐	250.000	257.370	238622.36		P	1.2
6	☐	500.000	510.238	473019.08		P	1.0
7	☐	1000.000	992.164	919743.97		P	0.4
8	☐			175.81		P	12.9

$$y = 926.9561 * x + 51.2433$$

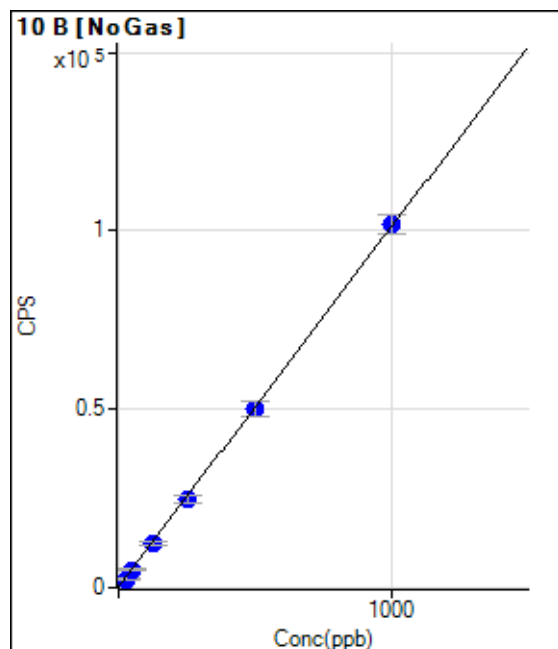
$$R = 0.9999$$

$$DL = 0.03706$$

$$BEC = 0.05528$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.63		P	4.8
2	☐	25.000	21.073	2357.06		P	6.2
3	☐	50.000	47.064	4979.88		P	8.7
4	☐	125.000	118.965	12235.36		P	7.9
5	☐	250.000	244.617	24914.83		P	8.6
6	☐	500.000	494.520	50132.52		P	8.2
7	☐	1000.000	1005.085	101653.44		P	5.3
8	☐			8622.85		P	8.3

$$y = 100.9097 * x + 230.6267$$

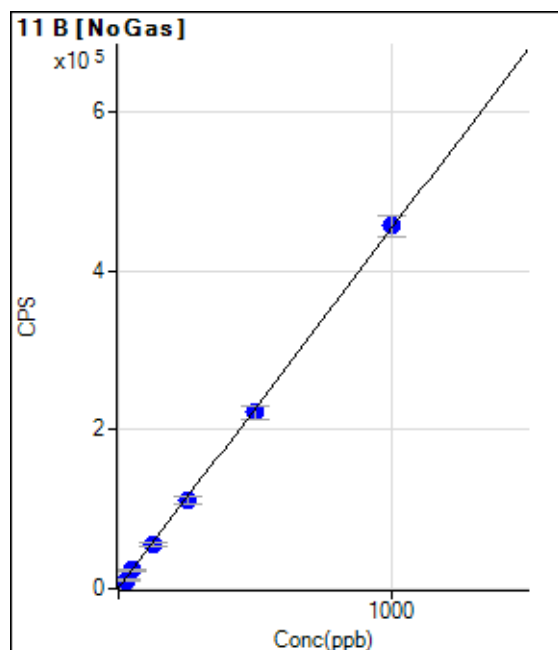
$$R = 1.0000$$

$$DL = 0.3275$$

$$BEC = 2.285$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	979.18		P	4.1
2	☐	25.000	21.365	10632.43		P	9.1
3	☐	50.000	49.559	23370.61		P	6.3
4	☐	125.000	121.102	55695.03		P	9.1
5	☐	250.000	243.084	110808.40		P	7.7
6	☐	500.000	489.294	222049.68		P	7.6
7	☐	1000.000	1007.682	456265.72		P	5.7
8	☐			38761.35		P	8.7

$$y = 451.8156 * x + 979.1767$$

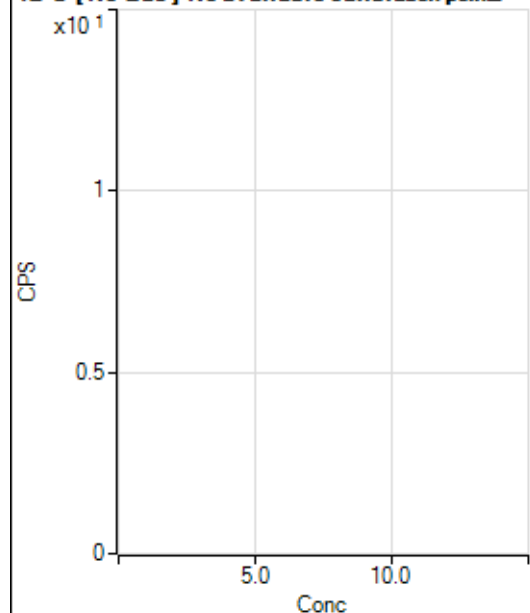
$$R = 0.9999$$

$$DL = 0.267$$

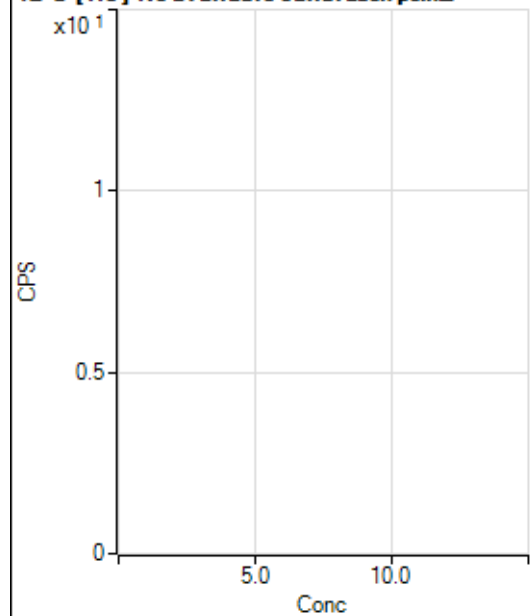
$$BEC = 2.167$$

Weight: <None>

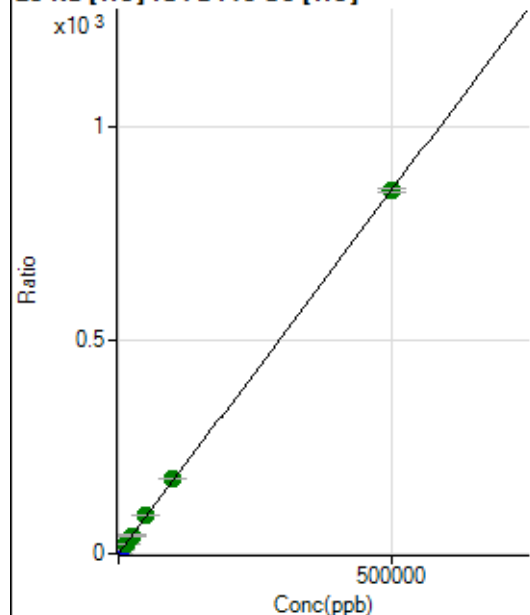
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1520638.31		A	1.8
2	☐			1908296.35		A	4.3
3	☐			1960982.03		A	1.5
4	☐			1961535.18		A	2.6
5	☐			1921362.70		A	0.9
6	☐			2009947.74		A	2.5
7	☐			1987616.41		A	2.1
8	☐			1876087.33		A	3.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18414.61		P	1.5
2	☐			25227.83		P	1.6
3	☐			24888.23		P	4.8
4	☐			24660.07		P	1.4
5	☐			24918.92		P	0.4
6	☐			27008.66		P	1.6
7	☐			26580.10		P	1.0
8	☐			27704.36		P	1.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20434.35	0.2236	P	1.4
2	☐	500.000	488.938	90729.55	1.0552	P	1.8
3	☐	5000.000	5199.878	783741.00	9.0672	P	1.6
4	☐	12500.000	13032.931	1916294.81	22.3890	A	1.1
5	☐	25000.000	24994.576	3633840.36	42.7324	A	3.3
6	☐	50000.000	52166.015	7215423.86	88.9435	A	2.2
7	☐	100000.00	102968.47	14168330.35	175.3443	A	2.3
8	☐	500000.00	499174.66	67791282.07	849.1805	A	1.0

$$y = 0.0017 * x + 0.2236$$

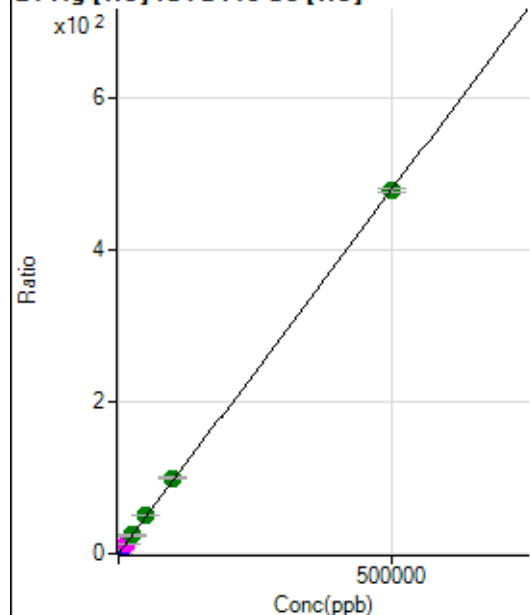
$$R = 1.0000$$

$$DL = 5.617$$

$$BEC = 131.5$$

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	347.25	0.0038	P	43.9
2	☐	500.000	477.469	39612.73	0.4607	P	1.4
3	☐	5000.000	5268.363	436116.32	5.0452	P	1.1
4	☐	12500.000	13218.293	1083010.23	12.6527	M	1.1
5	☐	25000.000	25310.899	2059890.45	24.2244	A	4.2
6	☐	50000.000	53408.064	4145448.44	51.1112	A	2.4
7	☐	100000.00	104157.55	8053839.85	99.6745	A	2.8
8	☐	500000.00	498791.51	38103367.17	477.3085	A	1.1

$$y = 9.5692E-004 * x + 0.0038$$

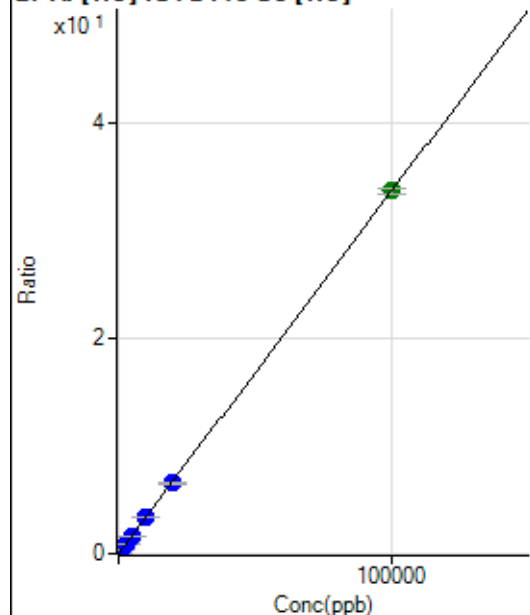
$$R = 0.9999$$

$$DL = 5.225$$

$$BEC = 3.968$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.07	0.0012	P	10.9
2	☐	20.000	19.476	663.69	0.0077	P	3.3
3	☐	1000.000	999.411	29134.54	0.3370	P	0.1
4	☐	2500.000	2444.987	70429.62	0.8229	P	1.0
5	☐	5000.000	4708.054	134654.69	1.5834	P	3.1
6	☐	10000.000	10139.561	276529.33	3.4088	P	0.8
7	☐	20000.000	19478.277	529040.32	6.5474	P	2.4
8	☐	100000.00	100106.36	2685655.23	33.6445	A	1.8

$$y = 3.3608\text{E-}004 * x + 0.0012$$

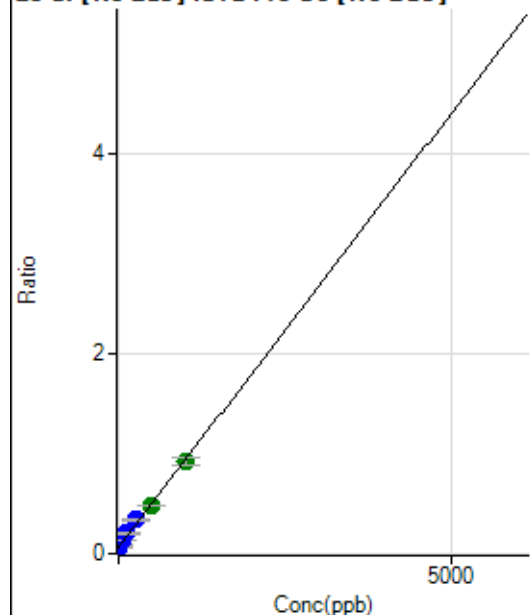
$$R = 1.0000$$

$$DL = 1.145$$

$$BEC = 3.487$$

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	171262.39	0.0636	P	1.3
2	☐	10.000	25.592	208655.60	0.0858	P	5.8
3	☐	50.000	78.948	334899.11	0.1322	P	0.6
4	☐	125.000	161.676	529850.63	0.2040	P	2.3
5	☐	250.000	314.810	839044.59	0.3370	P	1.3
6	☐	500.000	476.854	1163444.31	0.4778	A	1.5
7	☐	1000.000	989.183	2138237.07	0.9227	A	8.2
8	☐			310009.79	0.1353	P	3.6

$$y = 8.6851\text{E-}004 * x + 0.0636$$

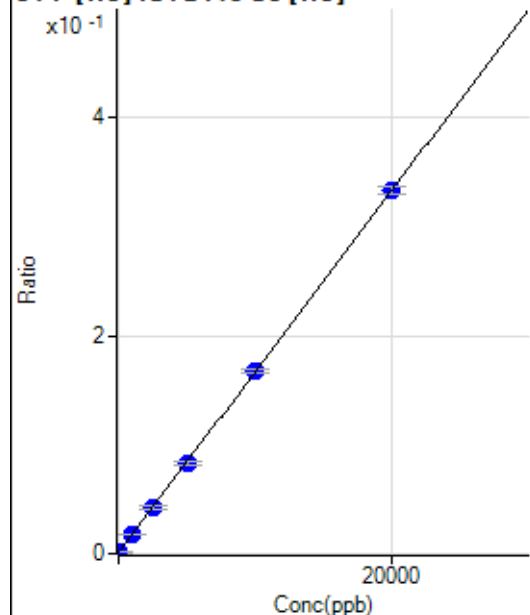
$$R = 0.9971$$

$$DL = 2.9$$

$$BEC = 73.23$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-14.163	75.00	0.0008	P	51.3
2	☐	0.000	14.163	111.12	0.0013	P	4.6
3	☐	1000.000	999.303	1525.12	0.0176	P	5.6
4	☐	2500.000	2483.427	3617.22	0.0423	P	5.4
5	☐	5000.000	4921.657	7035.24	0.0827	P	4.9
6	☐	10000.000	10044.968	13615.07	0.1678	P	2.0
7	☐	20000.000	19999.208	26908.82	0.3330	P	2.0
8	☐			94.45	0.0012	P	19.7

$$y = 1.6598\text{E-}005 * x + 0.0011$$

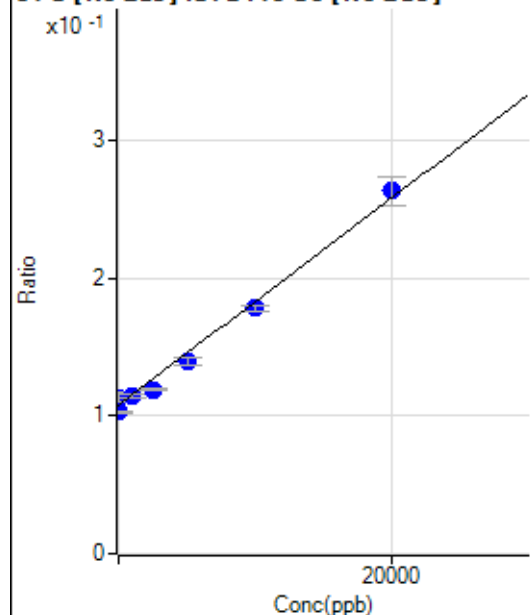
R = 1.0000

DL = 43.54

BEC = 63.7

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	-708.427	276994.37	0.1029	P	0.6
2	☐	0.000	708.427	275895.97	0.1135	P	6.5
3	☐	1000.000	812.625	289526.23	0.1143	P	2.5
4	☐	2500.000	1492.603	310094.96	0.1194	P	0.8
5	☐	5000.000	4165.928	347094.81	0.1395	P	3.6
6	☐	10000.000	9329.695	434069.25	0.1783	P	2.5
7	☐	20000.000	20678.964	610868.07	0.2636	P	8.2
8	☐			236641.95	0.1033	P	2.7

$$y = 7.5160\text{E-}006 * x + 0.1082$$

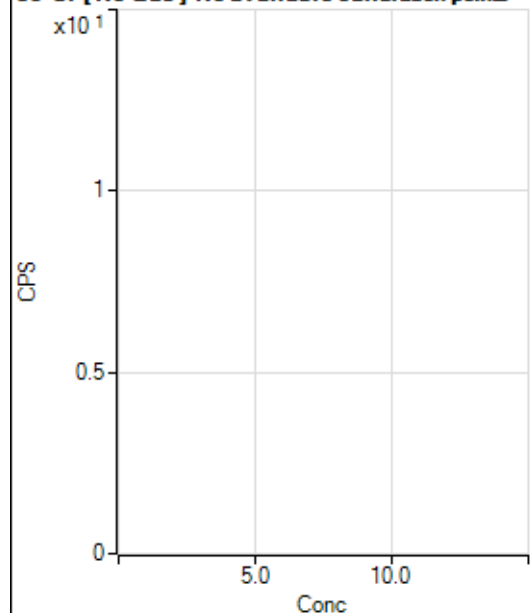
R = 0.9961

DL = 1591

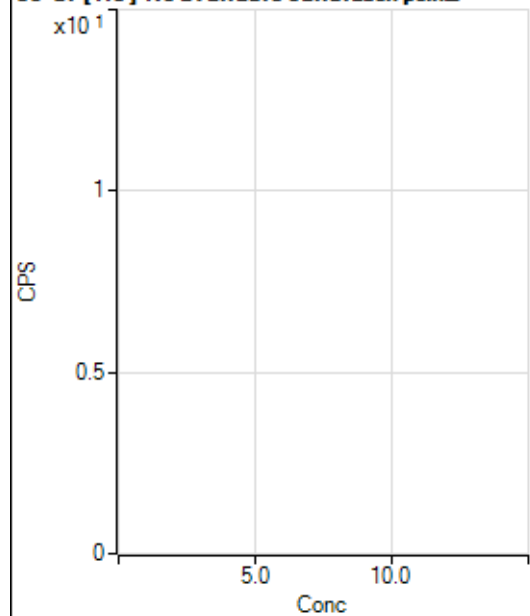
BEC = 1.439E+04

Weight: <None>

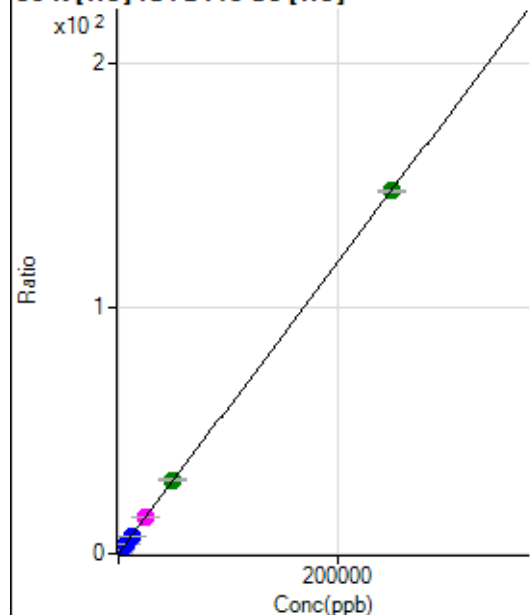
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48242.01		P	2.5
2	☐			91206.20		P	1.7
3	☐			91114.12		P	1.6
4	☐			90275.38		P	1.5
5	☐			88185.05		P	2.3
6	☐			87204.01		P	1.6
7	☐			88734.79		P	2.5
8	☐			95889.48		P	3.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			383.35		P	11.5
2	☐			680.59		P	8.6
3	☐			647.26		P	6.4
4	☐			652.81		P	16.3
5	☐			569.47		P	17.6
6	☐			597.25		P	7.0
7	☐			727.81		P	10.4
8	☐			755.59		P	10.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9189.28	0.1006	P	1.4
2	☐	500.000	482.971	33185.97	0.3860	P	4.2
3	☐	2500.000	2504.187	136624.72	1.5805	P	1.6
4	☐	6250.000	6099.742	317130.45	3.7055	P	1.6
5	☐	12500.000	12117.968	617599.22	7.2622	P	2.7
6	☐	25000.000	25302.939	1221228.89	15.0545	M	0.5
7	☐	50000.000	50841.782	2436034.30	30.1478	A	2.5
8	☐	250000.00	249824.20	11797542.37	147.7453	A	0.9

$$y = 5.9099\text{E-}004 * x + 0.1006$$

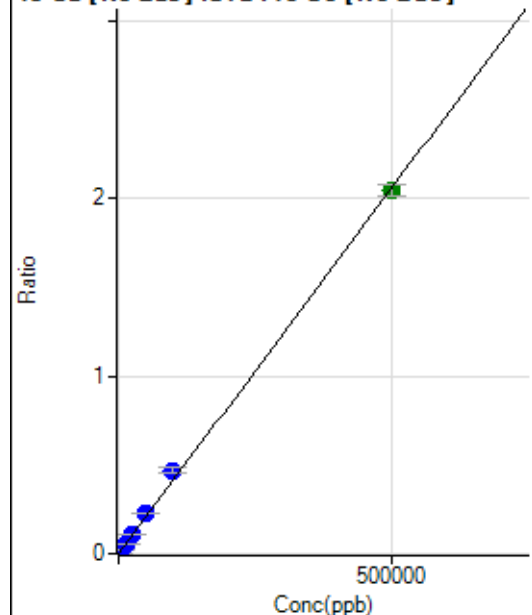
$$R = 1.0000$$

$$DL = 7.347$$

$$BEC = 170.2$$

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	172.06	0.0001	P	10.9
2	☐	500.000	466.539	4821.47	0.0020	P	7.0
3	☐	5000.000	5502.099	57545.63	0.0227	P	0.5
4	☐	12500.000	13244.652	141749.48	0.0546	P	2.3
5	☐	25000.000	27285.770	279755.36	0.1124	P	1.6
6	☐	50000.000	55079.760	552153.51	0.2268	P	1.6
7	☐	100000.00	114157.51	1089542.03	0.4699	P	7.1
8	☐	500000.00	496522.62	4680104.21	2.0437	A	3.1

$$y = 4.1159\text{E-}006 * x + 6.3859\text{E-}005$$

$$R = 0.9995$$

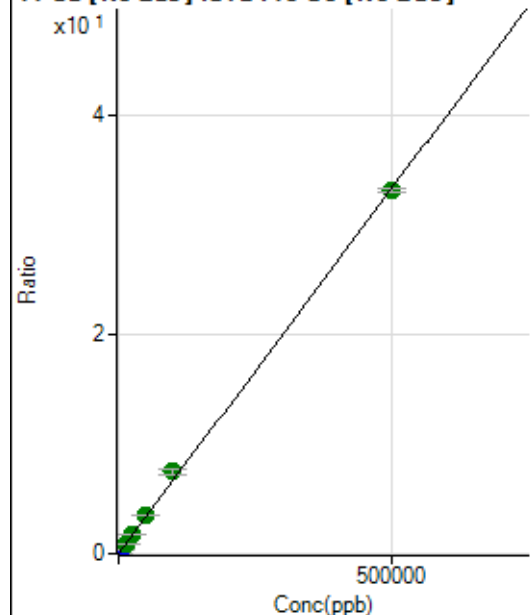
$$DL = 5.088$$

$$BEC = 15.51$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20483.62	0.0076	P	0.5
2	☐	500.000	482.682	96584.78	0.0397	P	7.0
3	☐	5000.000	5323.550	917492.46	0.3621	P	0.6
4	☐	12500.000	13137.362	2291731.61	0.8824	A	2.3
5	☐	25000.000	27254.583	4536820.51	1.8224	A	2.1
6	☐	50000.000	53215.387	8646863.32	3.5510	A	1.3
7	☐	100000.00	112272.37	17344090.77	7.4833	A	7.9
8	☐	500000.00	497092.10	75827214.22	33.1065	A	0.9

$$y = 6.6585\text{E-}005 * x + 0.0076$$

$$R = 0.9997$$

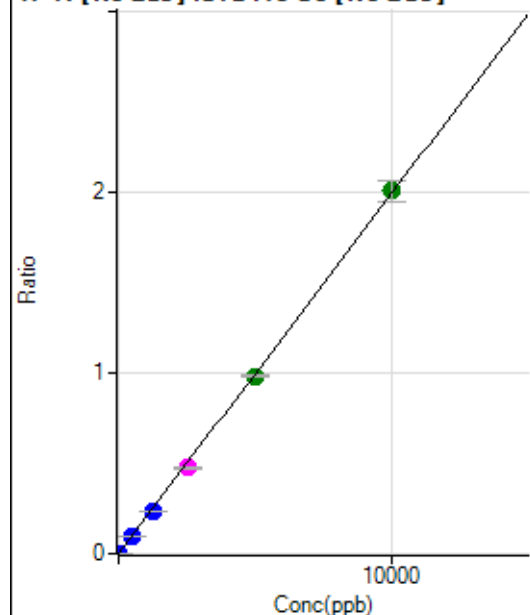
$$DL = 1.697$$

$$BEC = 114.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	0.7
2	☐	5.000	4.853	2433.60	0.0010	P	8.9
3	☐	500.000	487.258	245613.53	0.0969	P	0.8
4	☐	1250.000	1160.241	599186.81	0.2307	P	1.7
5	☐	2500.000	2385.083	1180682.51	0.4743	M	2.6
6	☐	5000.000	4925.139	2384404.61	0.9793	A	1.5
7	☐	10000.000	10078.017	4649096.76	2.0038	A	5.8
8	☐			714.01	0.0003	P	16.0

$$y = 1.9883\text{E-}004 * x + 3.7134\text{E-}005$$

$$R = 0.9999$$

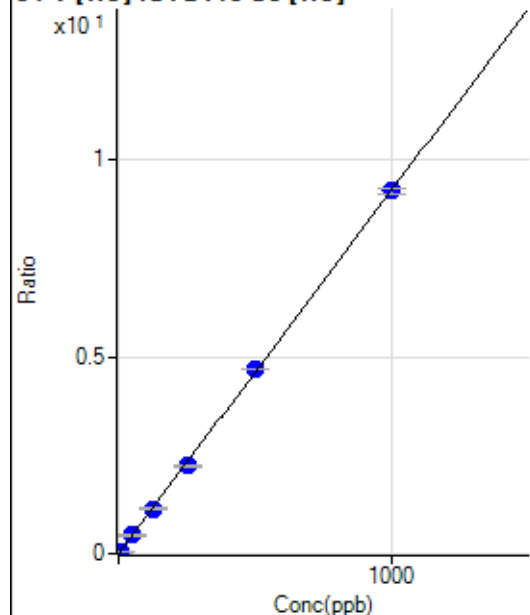
$$DL = 0.004017$$

$$BEC = 0.1868$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0003	P	16.8
2	☐	5.000	4.885	3906.13	0.0454	P	2.2
3	☐	50.000	50.408	40246.43	0.4656	P	1.1
4	☐	125.000	124.340	98250.63	1.1479	P	1.6
5	☐	250.000	242.486	190355.65	2.2384	P	2.9
6	☐	500.000	506.624	379362.97	4.6762	P	0.2
7	☐	1000.000	998.629	744783.91	9.2172	P	1.8
8	☐			211.12	0.0026	P	2.4

$$y = 0.0092 * x + 3.4069E-004$$

$$R = 0.9999$$

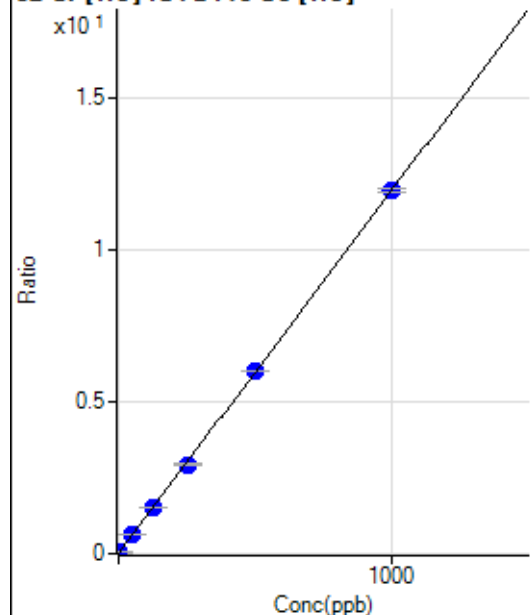
$$DL = 0.01865$$

$$BEC = 0.03691$$

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	852.26	0.0093	P	14.2
2	☐	2.000	2.146	3007.01	0.0350	P	1.8
3	☐	50.000	50.737	53217.60	0.6157	P	1.1
4	☐	125.000	125.797	129479.73	1.5127	P	0.4
5	☐	250.000	244.057	248830.33	2.9261	P	2.9
6	☐	500.000	503.560	488990.19	6.0274	P	0.8
7	☐	1000.000	999.569	966023.80	11.9552	P	1.2
8	☐			6538.22	0.0819	P	2.8

$$y = 0.0120 * x + 0.0093$$

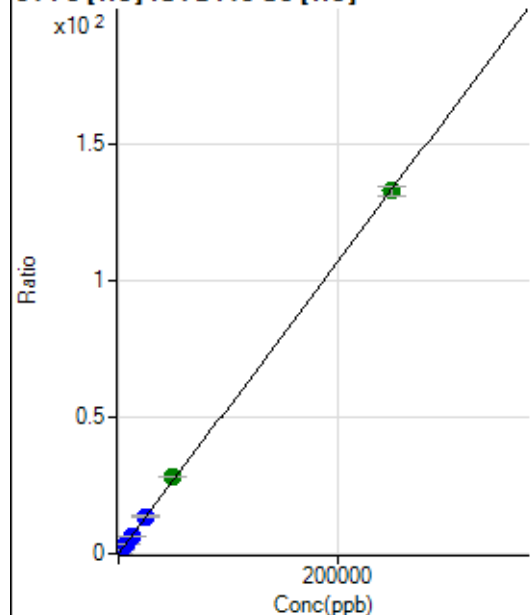
$$R = 1.0000$$

$$DL = 0.3335$$

$$BEC = 0.7807$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	353.71	0.0039	P	25.9
2	☐	50.000	51.994	2715.13	0.0316	P	4.3
3	☐	2500.000	2569.473	118686.11	1.3733	P	2.7
4	☐	6250.000	6328.327	288996.16	3.3765	P	0.8
5	☐	12500.000	12342.929	559734.40	6.5820	P	2.7
6	☐	25000.000	25751.309	1113675.81	13.7279	P	0.7
7	☐	50000.000	52466.712	2259790.01	27.9657	A	0.6
8	☐	250000.00	249436.72	10610846.65	132.9399	A	2.8

$$y = 5.3295E-004 * x + 0.0039$$

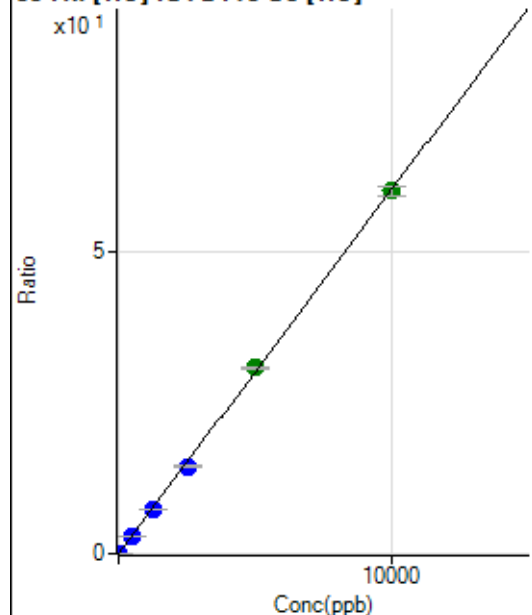
$$R = 0.9999$$

$$DL = 5.639$$

$$BEC = 7.259$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0010	P	25.7
2	☐	1.000	0.924	563.35	0.0066	P	10.6
3	☐	500.000	490.426	255403.83	2.9548	P	0.8
4	☐	1250.000	1212.100	624939.58	7.3014	P	0.7
5	☐	2500.000	2386.284	1222360.94	14.3735	P	2.5
6	☐	5000.000	5123.513	2503645.16	30.8598	A	1.0
7	☐	10000.000	9971.889	4853078.58	60.0615	A	2.7
8	☐			3628.28	0.0454	P	5.1

$$y = 0.0060 * x + 9.8466E-004$$

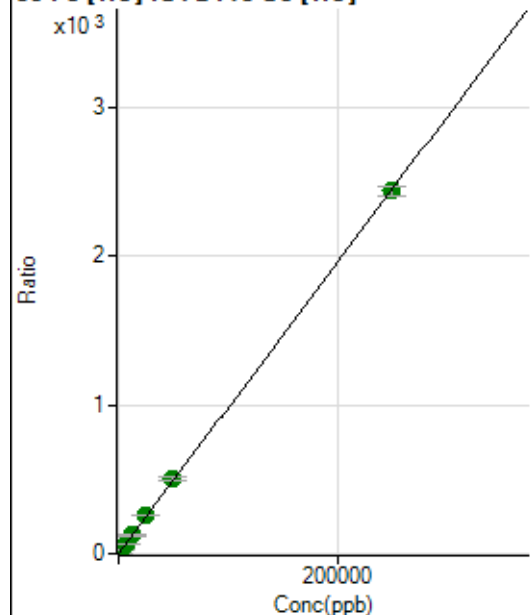
$$R = 0.9998$$

$$DL = 0.1258$$

$$BEC = 0.1635$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3139.38	0.0343	P	15.0
2	☐	50.000	48.110	43401.44	0.5048	P	1.9
3	☐	2500.000	2653.716	2245822.62	25.9825	A	1.5
4	☐	6250.000	6486.469	5431566.44	63.4592	A	0.6
5	☐	12500.000	12722.948	10583825.23	124.4397	A	2.7
6	☐	25000.000	26214.041	20796171.99	256.3560	A	1.0
7	☐	50000.000	51492.090	40685494.43	503.5255	A	3.0
8	☐	250000.00	249561.58	194767398.8	2,440.255	A	2.5

$$y = 0.0098 * x + 0.0343$$

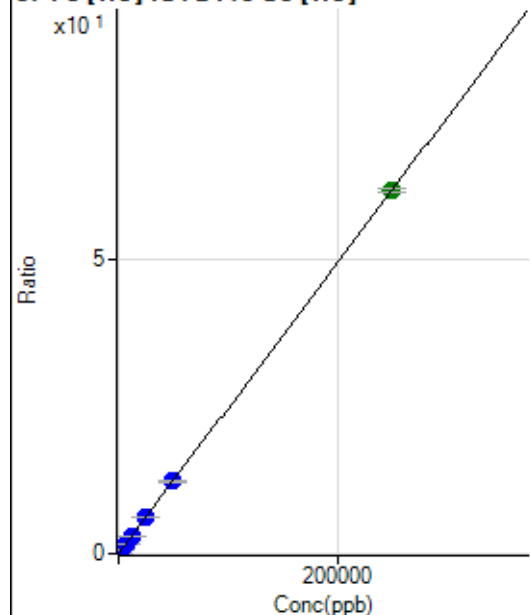
$$R = 1.0000$$

$$DL = 1.584$$

$$BEC = 3.513$$

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	120.37	0.0013	P	26.7
2	☐	50.000	46.497	1098.21	0.0128	P	11.6
3	☐	2500.000	2546.916	54355.52	0.6289	P	2.6
4	☐	6250.000	6313.546	133266.03	1.5570	P	0.9
5	☐	12500.000	12242.656	256657.72	3.0180	P	3.1
6	☐	25000.000	25215.702	504138.78	6.2147	P	0.5
7	☐	50000.000	49810.862	991858.96	12.2751	P	2.0
8	☐	250000.00	250027.06	4918288.42	61.6100	A	1.1

$$y = 2.4641E-004 * x + 0.0013$$

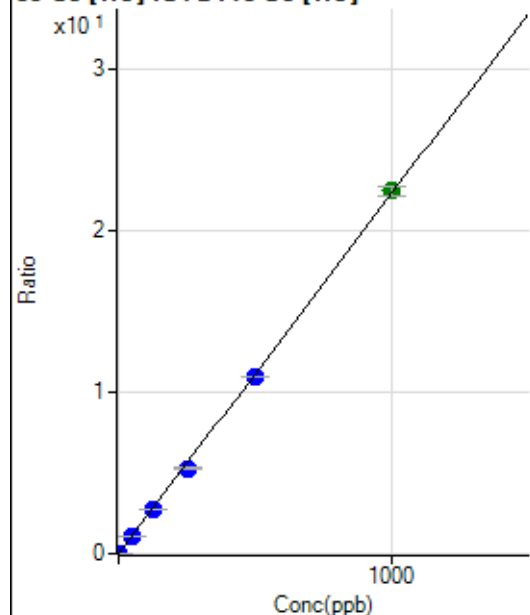
$$R = 1.0000$$

$$DL = 4.288$$

$$BEC = 5.351$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	78.89	0.0009	P	19.6
2	☐	1.000	0.905	1805.69	0.0210	P	5.2
3	☐	50.000	49.385	95075.12	1.1000	P	1.9
4	☐	125.000	121.825	232149.91	2.7122	P	0.3
5	☐	250.000	237.084	448794.41	5.2774	P	2.9
6	☐	500.000	491.271	887044.05	10.9346	P	0.5
7	☐	1000.000	1008.021	1812826.85	22.4355	A	2.3
8	☐			4190.66	0.0525	P	3.9

$$y = 0.0223 * x + 8.6303E-004$$

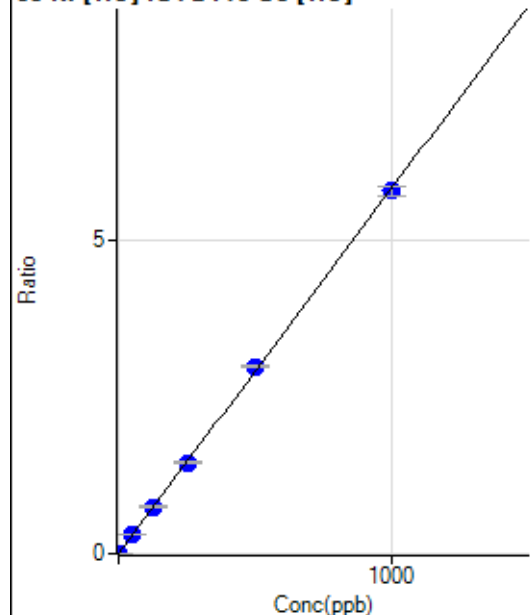
$$R = 0.9998$$

$$DL = 0.02278$$

$$BEC = 0.03878$$

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	44.44	0.0005	P	28.0
2	☐	1.000	1.097	592.24	0.0069	P	2.8
3	☐	50.000	51.279	25905.85	0.2997	P	0.4
4	☐	125.000	128.607	64268.91	0.7509	P	1.0
5	☐	250.000	248.235	123220.89	1.4489	P	2.5
6	☐	500.000	512.766	242767.88	2.9925	P	0.4
7	☐	1000.000	993.543	468475.28	5.7978	P	2.7
8	☐			2549.14	0.0319	P	4.6

$$y = 0.0058 * x + 4.8601E-004$$

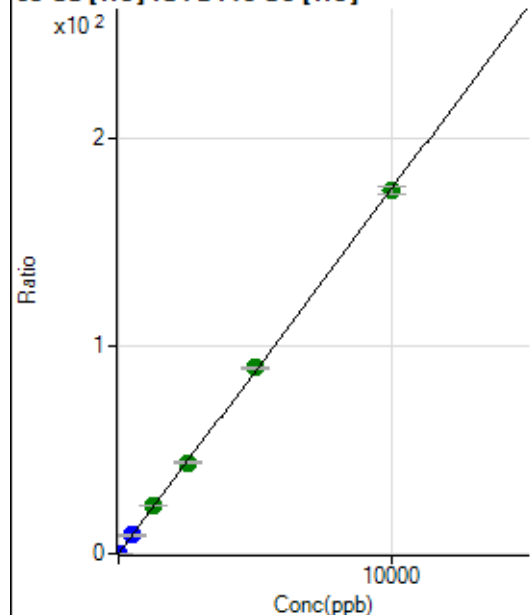
$$R = 0.9999$$

$$DL = 0.07005$$

$$BEC = 0.08329$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	558.91	0.0061	P	5.1
2	☐	2.000	1.965	3491.58	0.0406	P	2.9
3	☐	500.000	502.345	762824.75	8.8248	P	0.8
4	☐	1250.000	1305.645	1962306.31	22.9268	A	0.8
5	☐	2500.000	2483.754	3708723.14	43.6085	A	2.1
6	☐	5000.000	5102.905	7266869.47	89.5878	A	1.0
7	☐	10000.000	9945.536	14108124.37	174.6004	A	2.1
8	☐			7532.07	0.0944	P	3.0

$$y = 0.0176 * x + 0.0061$$

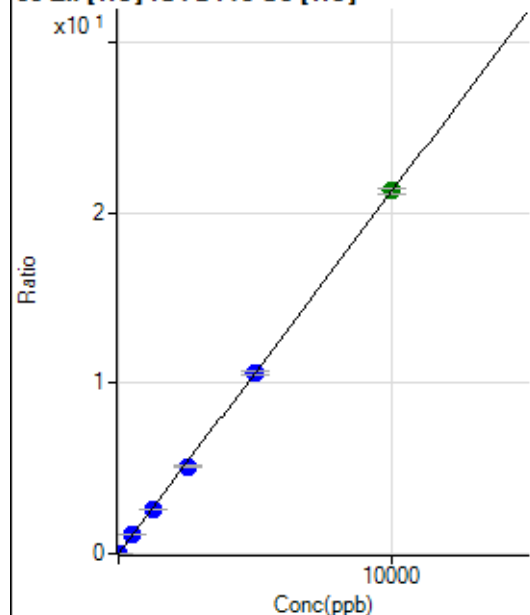
$$R = 0.9999$$

$$DL = 0.05314$$

$$BEC = 0.3485$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0022	P	32.1
2	☐	2.000	1.799	516.68	0.0060	P	4.9
3	☐	500.000	505.504	92973.76	1.0756	P	0.7
4	☐	1250.000	1237.042	225019.52	2.6290	P	0.8
5	☐	2500.000	2412.440	435864.75	5.1250	P	2.3
6	☐	5000.000	5001.832	861693.41	10.6235	P	1.5
7	☐	10000.000	10022.319	1719845.41	21.2845	A	1.9
8	☐			4534.10	0.0568	P	3.0

$$y = 0.0021 * x + 0.0022$$

$$R = 1.0000$$

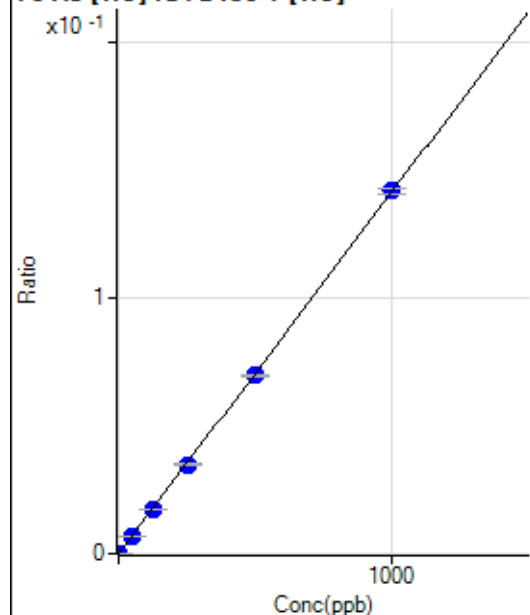
$$DL = 0.9915$$

$$BEC = 1.03$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.67	0.0000	P	143.
2	☐	1.000	0.955	101.68	0.0001	P	6.2
3	☐	50.000	49.448	4888.01	0.0070	P	1.7
4	☐	125.000	122.823	11954.25	0.0173	P	2.0
5	☐	250.000	245.659	23430.05	0.0347	P	1.6
6	☐	500.000	493.738	46511.12	0.0696	P	1.2
7	☐	1000.000	1004.516	90706.75	0.1417	P	1.4
8	☐			36.00	0.0001	P	3.0

$$y = 1.4103\text{E-}004 * x + 1.1807\text{E-}005$$

$$R = 1.0000$$

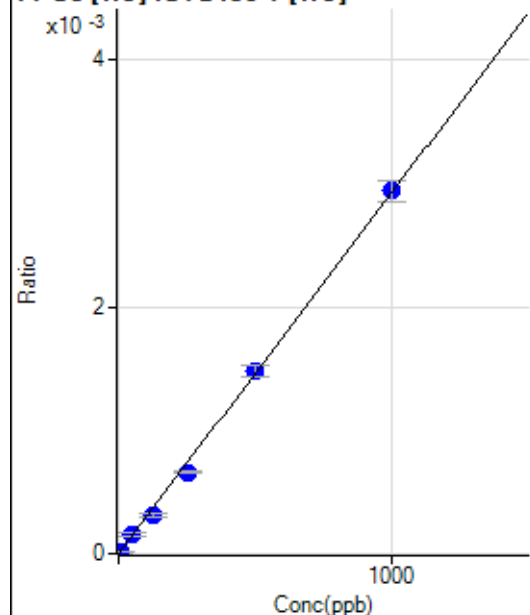
$$DL = 0.3595$$

$$BEC = 0.08372$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.397	10.00	0.0000	P	32.7
3	☐	50.000	51.159	105.56	0.0002	P	23.8
4	☐	125.000	104.147	211.11	0.0003	P	9.8
5	☐	250.000	224.926	445.57	0.0007	P	2.0
6	☐	500.000	507.120	991.16	0.0015	P	6.8
7	☐	1000.000	1005.260	1882.37	0.0029	P	6.1
8	☐			11.11	0.0000	P	72.3

$$y = 2.9230\text{E-}006 * x + 1.5188\text{E-}006$$

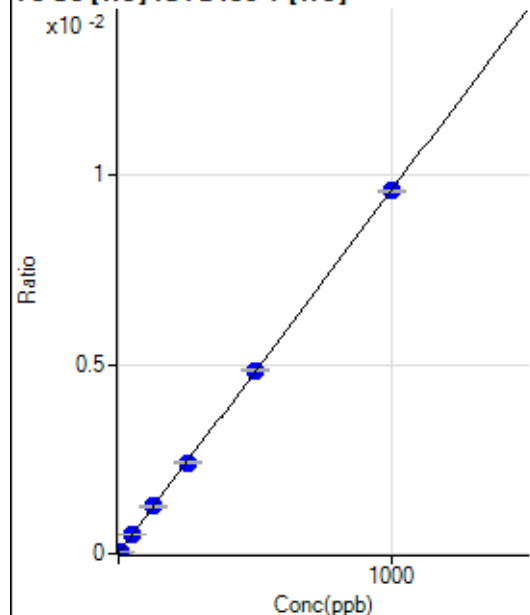
$$R = 0.9995$$

$$DL = 2.7$$

$$BEC = 0.5196$$

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	13.00	0.0000	P	30.9
2	☐	5.000	5.555	49.34	0.0001	P	2.2
3	☐	50.000	51.996	361.04	0.0005	P	5.1
4	☐	125.000	129.189	866.11	0.0013	P	4.6
5	☐	250.000	249.113	1625.93	0.0024	P	1.0
6	☐	500.000	502.743	3229.04	0.0048	P	1.1
7	☐	1000.000	998.224	6135.63	0.0096	P	0.7
8	☐			46.00	0.0001	P	20.2

$$y = 9.5828\text{E-}006 * x + 1.7811\text{E-}005$$

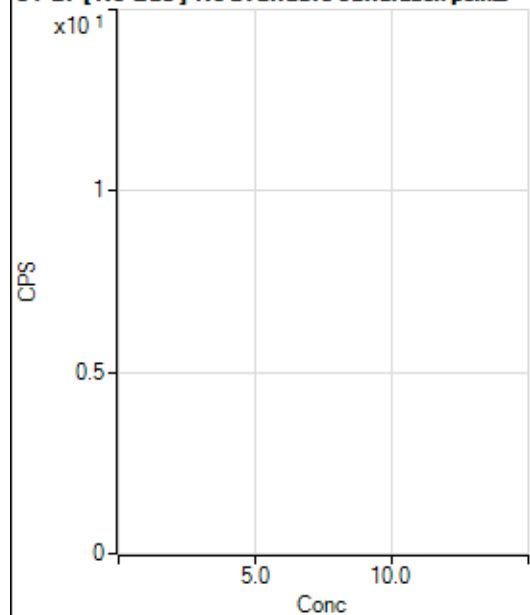
$$R = 1.0000$$

$$DL = 1.724$$

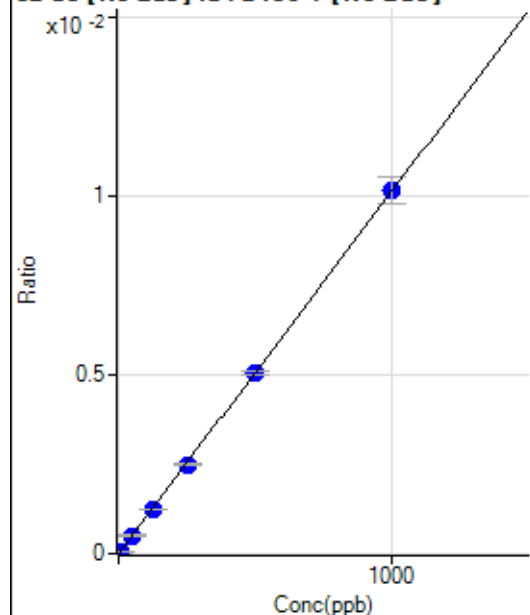
$$BEC = 1.859$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2792.02		P	3.2
2	☐			2978.18		P	10.4
3	☐			2819.79		P	6.0
4	☐			2539.19		P	3.6
5	☐			2208.58		P	6.0
6	☐			2350.26		P	4.4
7	☐			2225.24		P	5.0
8	☐			3005.96		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-22.92	0.0000	P	-96.
2	☐	5.000	5.313	307.47	0.0001	P	10.1
3	☐	50.000	49.990	3180.85	0.0005	P	3.3
4	☐	125.000	121.446	7945.54	0.0012	P	3.1
5	☐	250.000	246.524	15856.34	0.0025	P	1.6
6	☐	500.000	497.893	31550.51	0.0050	P	1.7
7	☐	1000.000	1002.365	60761.09	0.0101	P	7.3
8	☐			286.22	0.0000	P	6.2

$$y = 1.0122E-005 * x - 3.3914E-006$$

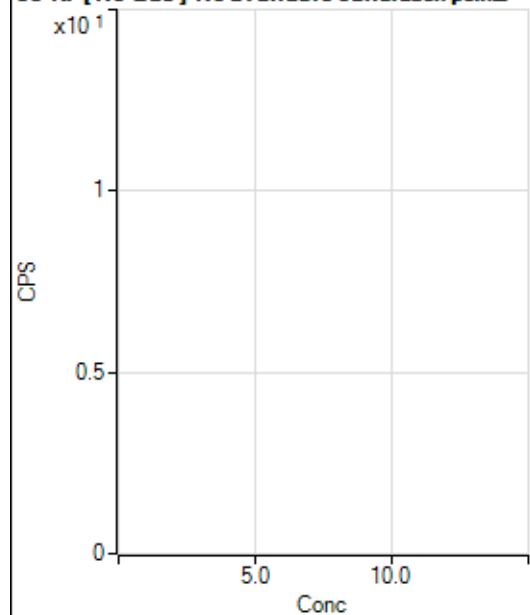
$$R = 1.0000$$

$$DL = 0.9647$$

$$BEC = -0.335$$

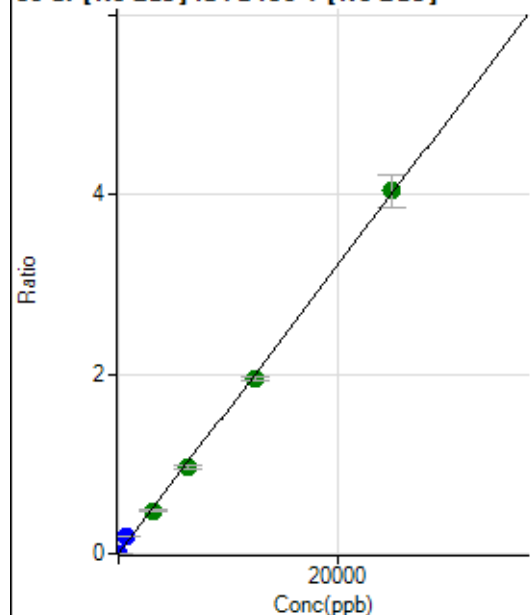
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			197.48		P	7.7
2	☐			169.98		P	10.3
3	☐			183.31		P	9.2
4	☐			187.90		P	2.1
5	☐			179.15		P	1.6
6	☐			184.56		P	8.4
7	☐			167.48		P	10.1
8	☐			175.81		P	4.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.02	0.0001	P	21.8
2	☐	1.000	0.974	1313.98	0.0002	P	22.2
3	☐	625.000	1205.008	1222437.20	0.1932	P	2.6
4	☐	3125.000	2988.638	3104606.91	0.4790	A	3.3
5	☐	6250.000	6018.005	6134313.90	0.9645	A	3.2
6	☐	12500.000	12180.760	12228102.97	1.9522	A	2.3
7	☐	25000.000	25220.164	24194388.56	4.0419	A	8.7
8	☐			3183.79	0.0005	P	8.0

$$y = 1.6026E-004 * x + 5.9149E-005$$

$$R = 0.9995$$

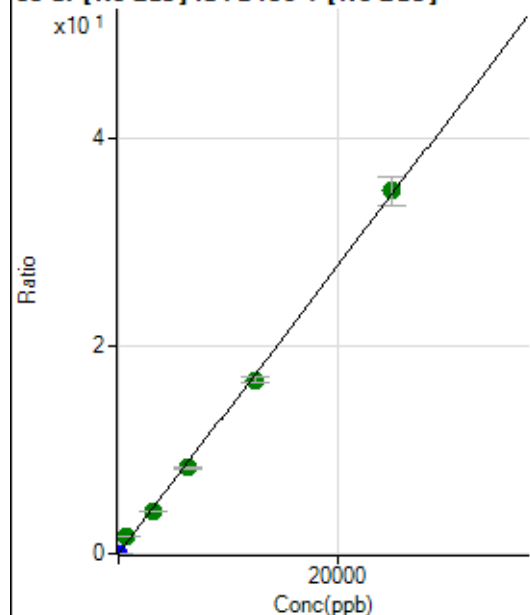
$$DL = 0.2415$$

$$BEC = 0.3691$$

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	1302.87	0.0002	P	3.1
2	☐	1.000	0.890	8705.71	0.0014	P	7.0
3	☐	625.000	1215.842	10656644.33	1.6839	A	1.0
4	☐	3125.000	2929.911	26298350.94	4.0575	A	2.5
5	☐	6250.000	5982.538	52717870.28	8.2847	A	1.6
6	☐	12500.000	12109.221	105027480.8	16.7689	A	2.7
7	☐	25000.000	25271.870	209603311.6	34.9963	A	7.8
8	☐			26245.65	0.0044	P	7.5

$$y = 0.0014 * x + 1.9313E-004$$

$$R = 0.9993$$

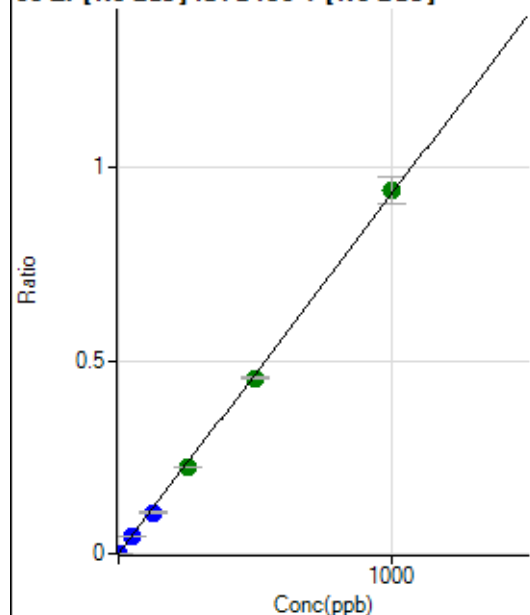
$$DL = 0.01309$$

$$BEC = 0.1395$$

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	225.01	0.0000	P	4.5
2	☐	1.000	0.897	5309.51	0.0009	P	4.9
3	☐	50.000	47.600	280623.88	0.0443	P	2.4
4	☐	125.000	114.871	693320.52	0.1070	P	2.2
5	☐	250.000	240.587	1425276.28	0.2240	A	1.6
6	☐	500.000	488.602	2849523.52	0.4549	A	1.7
7	☐	1000.000	1009.439	5629404.34	0.9397	A	7.3
8	☐			2461.41	0.0004	P	4.1

$$y = 9.3092\text{E-}004 * x + 3.3348\text{E-}005$$

$$R = 0.9998$$

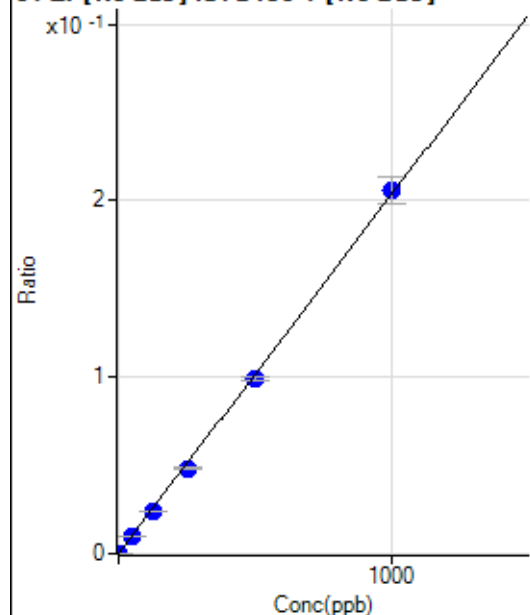
$$DL = 0.004816$$

$$BEC = 0.03582$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	28.2
2	☐	1.000	0.917	1177.86	0.0002	P	15.5
3	☐	50.000	48.201	62119.81	0.0098	P	2.4
4	☐	125.000	117.363	154852.08	0.0239	P	2.5
5	☐	250.000	237.401	307346.19	0.0483	P	3.0
6	☐	500.000	487.659	621607.01	0.0993	P	3.1
7	☐	1000.000	1010.365	1231788.68	0.2056	P	7.4
8	☐			486.13	0.0001	P	16.9

$$y = 2.0351\text{E-}004 * x + 7.0183\text{E-}006$$

$$R = 0.9998$$

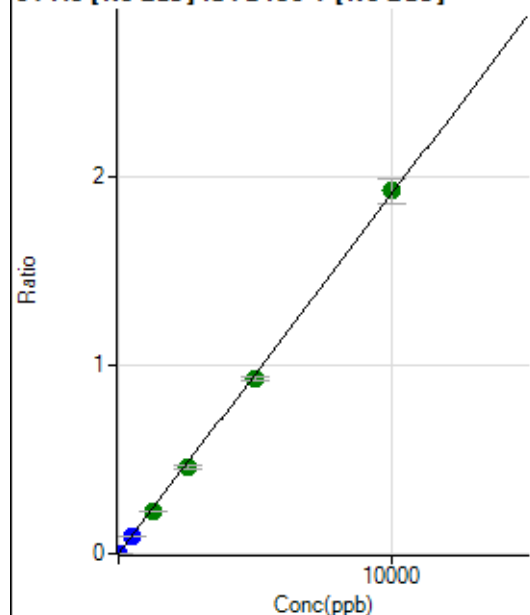
$$DL = 0.02921$$

$$BEC = 0.03449$$

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	172.23	0.0000	P	23.2
2	☐	5.000	5.664	6751.84	0.0011	P	8.6
3	☐	500.000	484.152	584969.84	0.0924	P	3.0
4	☐	1250.000	1185.841	1467302.28	0.2264	A	2.9
5	☐	2500.000	2405.055	2918879.69	0.4591	A	5.0
6	☐	5000.000	4871.346	5824977.91	0.9299	A	2.1
7	☐	10000.000	10096.875	11548022.83	1.9274	A	7.0
8	☐			4323.03	0.0007	P	11.9

$$y = 1.9089\text{E-}004 * x + 2.5507\text{E-}005$$

$$R = 0.9998$$

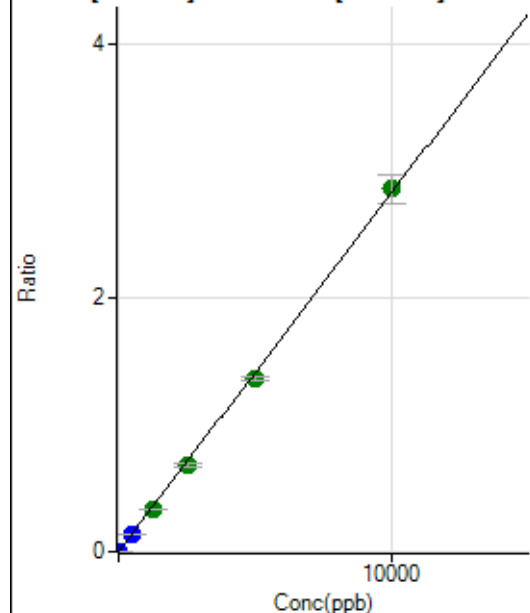
$$DL = 0.09294$$

$$BEC = 0.1336$$

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	208.34	0.0000	P	7.6
2	☐	5.000	4.543	8019.19	0.0013	P	6.8
3	☐	500.000	478.908	855718.78	0.1352	P	2.6
4	☐	1250.000	1183.049	2164694.30	0.3340	A	3.5
5	☐	2500.000	2397.809	4305070.28	0.6769	A	3.5
6	☐	5000.000	4840.243	8559069.98	1.3664	A	2.2
7	☐	10000.000	10114.850	17099408.54	2.8554	A	8.0
8	☐			6054.31	0.0010	P	15.8

$$y = 2.8230\text{E-}004 * x + 3.0911\text{E-}005$$

$$R = 0.9997$$

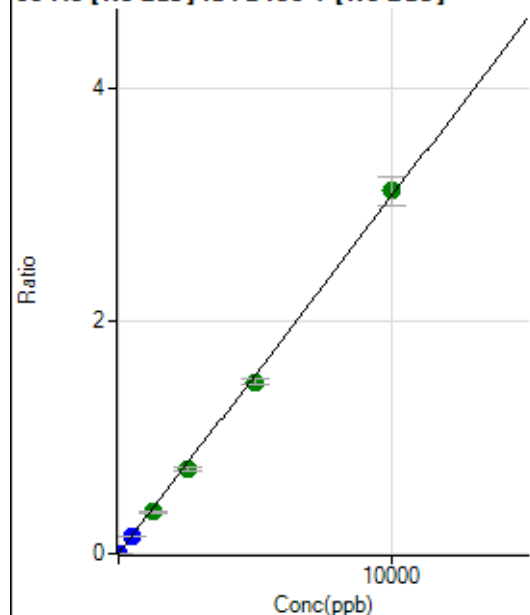
$$DL = 0.02512$$

$$BEC = 0.1095$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	21.4
2	☐	5.000	4.845	9250.56	0.0015	P	6.4
3	☐	500.000	476.257	924745.83	0.1461	P	1.6
4	☐	1250.000	1167.742	2321681.78	0.3582	A	4.3
5	☐	2500.000	2377.841	4638849.41	0.7295	A	3.6
6	☐	5000.000	4792.252	9205931.80	1.4701	A	3.5
7	☐	10000.000	10145.883	18637479.06	3.1124	A	8.1
8	☐			6646.24	0.0011	P	11.7

$$y = 3.0676E-004 * x + 2.8898E-005$$

$$R = 0.9996$$

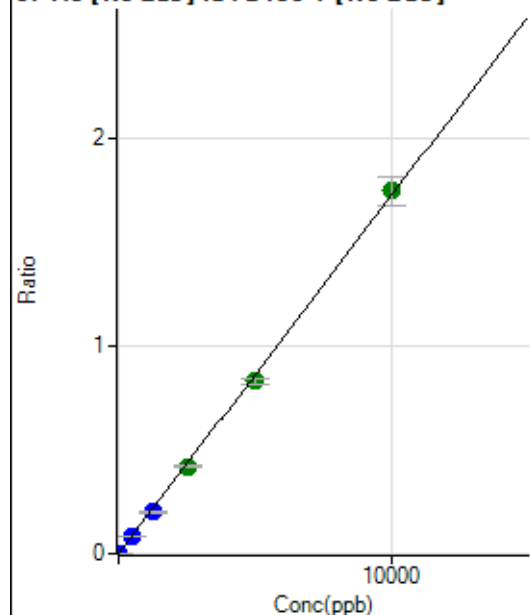
$$DL = 0.06047$$

$$BEC = 0.0942$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	17.5
2	☐	5.000	4.975	5351.16	0.0009	P	5.6
3	☐	500.000	481.723	526240.68	0.0832	P	2.1
4	☐	1250.000	1164.747	1302949.61	0.2010	P	3.7
5	☐	2500.000	2430.605	2668381.87	0.4195	A	3.0
6	☐	5000.000	4804.995	5194045.86	0.8293	A	2.8
7	☐	10000.000	10126.422	10469251.54	1.7477	A	7.7
8	☐			3467.22	0.0006	P	13.0

$$y = 1.7259E-004 * x + 1.6933E-005$$

$$R = 0.9997$$

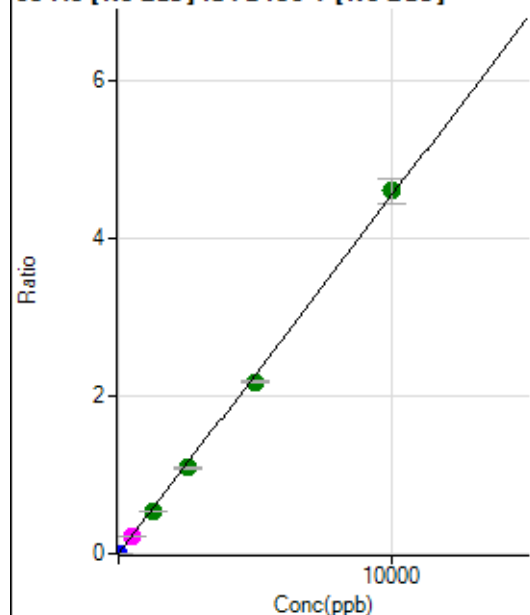
$$DL = 0.05159$$

$$BEC = 0.09811$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0000	P	2.9
2	☐	5.000	4.547	12864.64	0.0021	P	5.2
3	☐	500.000	484.138	1390115.79	0.2197	M	2.4
4	☐	1250.000	1172.210	3446970.93	0.5318	A	2.4
5	☐	2500.000	2393.981	6908220.55	1.0861	A	2.9
6	☐	5000.000	4803.088	13651319.84	2.1790	A	1.3
7	☐	10000.000	10135.478	27549283.95	4.5981	A	7.2
8	☐			9275.65	0.0016	P	13.7

$$y = 4.5366\text{E-}004 * x + 4.3262\text{E-}005$$

$$R = 0.9996$$

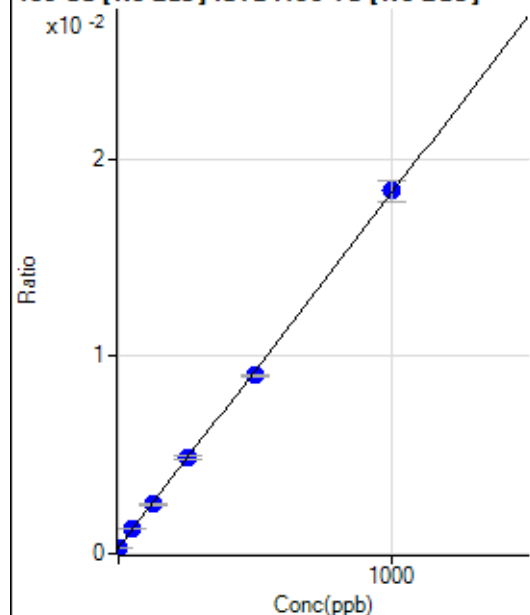
$$DL = 0.008429$$

$$BEC = 0.09536$$

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	1689.04	0.0003	P	7.4
2	☐	1.000	-1.147	1466.78	0.0003	P	1.8
3	☐	50.000	51.753	6393.33	0.0012	P	3.4
4	☐	125.000	123.232	13189.98	0.0025	P	3.7
5	☐	250.000	254.061	24853.51	0.0049	P	3.0
6	☐	500.000	485.758	47245.50	0.0090	P	1.3
7	☐	1000.000	1006.241	92004.11	0.0184	P	5.8
8	☐			1502.91	0.0003	P	9.1

$$y = 1.7946\text{E-}005 * x + 3.1376\text{E-}004$$

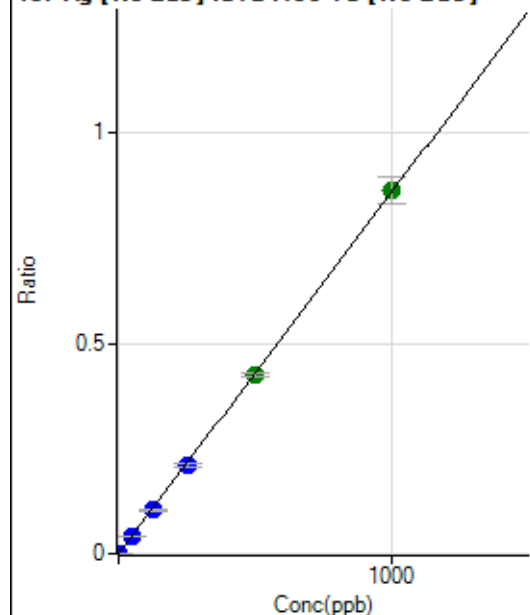
$$R = 0.9998$$

$$DL = 3.898$$

$$BEC = 17.48$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	35.7
2	☐	1.000	0.933	4031.25	0.0008	P	10.6
3	☐	50.000	49.179	217588.55	0.0423	P	2.8
4	☐	125.000	119.783	537907.90	0.1030	P	0.9
5	☐	250.000	246.207	1079212.14	0.2116	P	3.4
6	☐	500.000	495.625	2228234.90	0.4260	A	2.5
7	☐	1000.000	1003.829	4317947.36	0.8628	A	7.4
8	☐			911.16	0.0002	P	5.2

$$y = 8.5953E-004 * x + 8.1597E-006$$

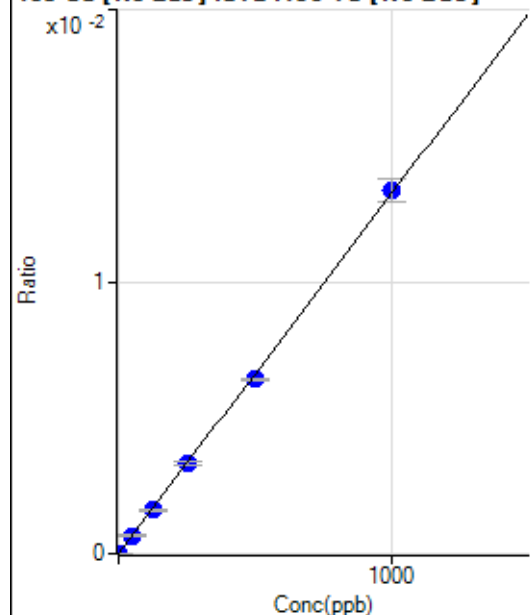
$$R = 1.0000$$

$$DL = 0.01018$$

$$BEC = 0.009493$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15.28	0.0000	P	13.1
2	☐	1.000	0.986	79.17	0.0000	P	28.2
3	☐	50.000	50.354	3446.31	0.0007	P	1.4
4	☐	125.000	120.421	8344.30	0.0016	P	2.8
5	☐	250.000	250.153	16903.57	0.0033	P	3.3
6	☐	500.000	484.911	33595.17	0.0064	P	1.6
7	☐	1000.000	1008.061	66836.13	0.0133	P	6.3
8	☐			77.78	0.0000	P	33.1

$$y = 1.3239E-005 * x + 2.8259E-006$$

$$R = 0.9998$$

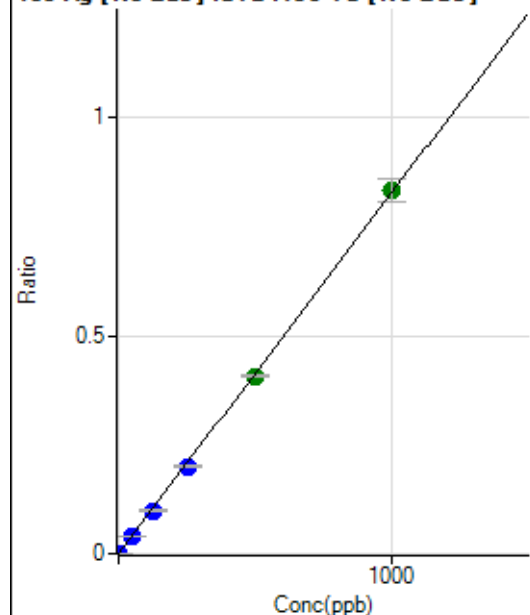
$$DL = 0.0837$$

$$BEC = 0.2135$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	97.9
2	☐	1.000	1.014	4192.42	0.0008	P	5.6
3	☐	50.000	48.574	206810.69	0.0402	P	1.4
4	☐	125.000	119.718	517314.10	0.0990	P	1.6
5	☐	250.000	241.758	1019819.36	0.2000	P	2.9
6	☐	500.000	492.309	2129816.41	0.4072	A	1.6
7	☐	1000.000	1006.637	4168856.04	0.8326	A	6.2
8	☐			763.93	0.0002	P	10.7

$$y = 8.2708\text{E-}004 * x + 1.4987\text{E-}006$$

$$R = 0.9999$$

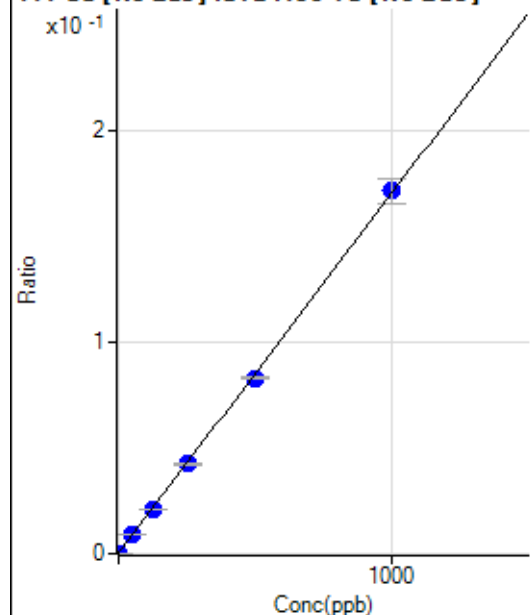
$$DL = 0.005321$$

$$BEC = 0.001812$$

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	1193.86	0.0002	P	7.3
2	☐	1.000	0.923	1892.21	0.0004	P	3.6
3	☐	50.000	50.097	45082.89	0.0088	P	1.4
4	☐	125.000	122.404	110132.95	0.0211	P	1.8
5	☐	250.000	248.367	216970.60	0.0425	P	3.2
6	☐	500.000	487.069	435349.50	0.0832	P	1.3
7	☐	1000.000	1007.193	860082.54	0.1719	P	7.2
8	☐			1400.38	0.0003	P	7.9

$$y = 1.7041\text{E-}004 * x + 2.2178\text{E-}004$$

$$R = 0.9999$$

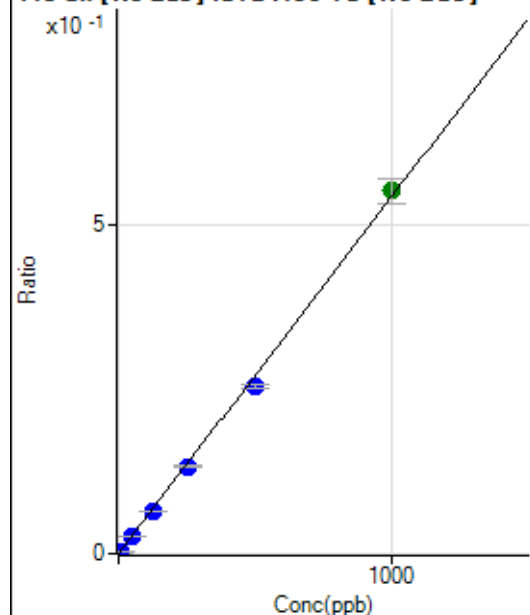
$$DL = 0.2856$$

$$BEC = 1.301$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.90	0.0001	P	25.4
2	☐	5.000	4.548	12653.42	0.0025	P	4.2
3	☐	50.000	48.228	135036.51	0.0262	P	2.5
4	☐	125.000	119.035	337826.90	0.0647	P	1.3
5	☐	250.000	243.759	675108.75	0.1323	P	2.3
6	☐	500.000	470.691	1336215.20	0.2555	P	2.5
7	☐	1000.000	1017.051	2762683.96	0.5520	A	7.1
8	☐			2136.34	0.0004	P	3.8

$$y = 5.4265\text{E-}004 * x + 6.7146\text{E-}005$$

$$R = 0.9994$$

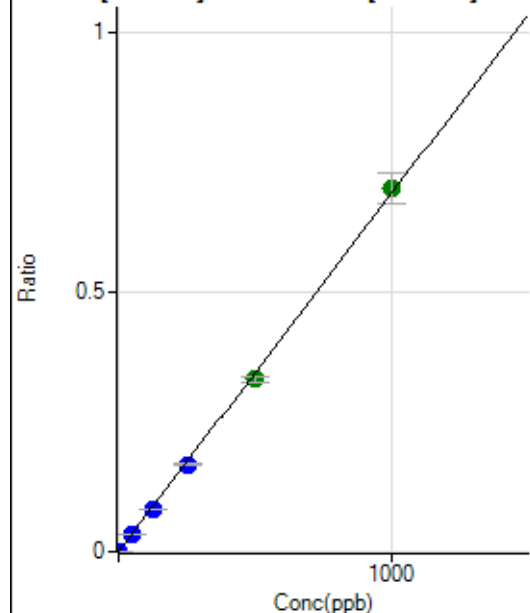
$$DL = 0.09444$$

$$BEC = 0.1237$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	62.9
2	☐	2.000	1.815	6279.38	0.0013	P	6.6
3	☐	50.000	48.091	170723.30	0.0332	P	2.4
4	☐	125.000	116.756	420707.61	0.0805	P	1.3
5	☐	250.000	241.856	850829.33	0.1668	P	2.4
6	☐	500.000	480.682	1733749.61	0.3315	A	3.1
7	☐	1000.000	1012.821	3494747.06	0.6985	A	8.6
8	☐			1544.58	0.0003	P	11.8

$$y = 6.8963\text{E-}004 * x + 7.7802\text{E-}006$$

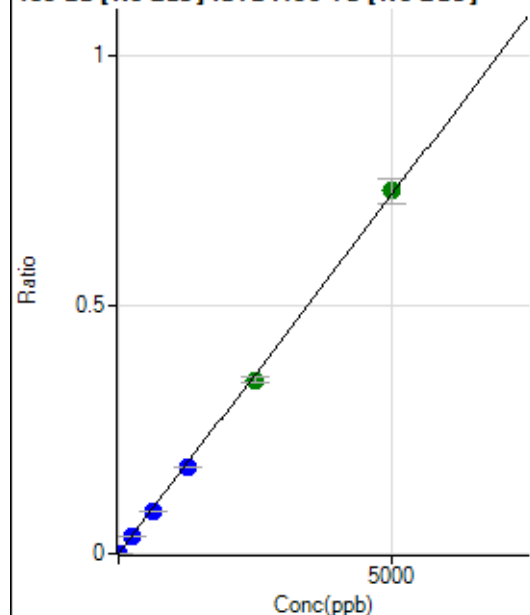
$$R = 0.9997$$

$$DL = 0.02128$$

$$BEC = 0.01128$$

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	125.00	0.0000	P	47.4
2	☐	10.000	9.193	6724.07	0.0013	P	6.6
3	☐	250.000	240.092	178289.26	0.0346	P	1.5
4	☐	625.000	589.250	443986.99	0.0850	P	2.7
5	☐	1250.000	1209.032	889514.96	0.1743	P	1.4
6	☐	2500.000	2416.589	1822450.82	0.3484	A	3.3
7	☐	5000.000	5056.913	3649414.14	0.7291	A	6.9
8	☐			2391.94	0.0005	P	6.1

$$y = 1.4417E-004 * x + 2.3277E-005$$

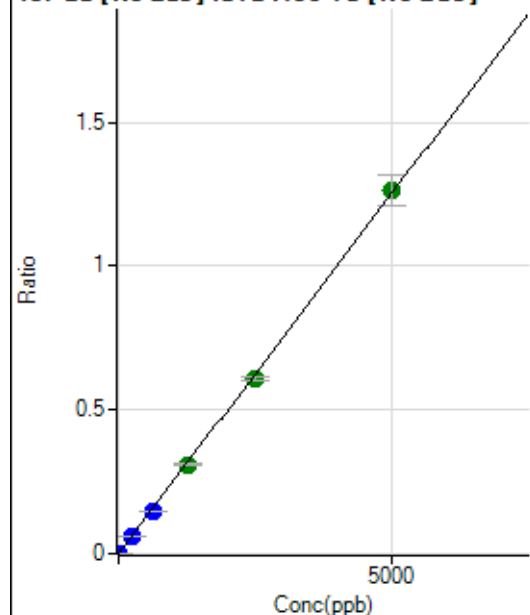
$$R = 0.9997$$

$$DL = 0.2298$$

$$BEC = 0.1614$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	29.4
2	☐	10.000	9.339	11824.90	0.0024	P	9.1
3	☐	250.000	243.689	313782.71	0.0610	P	3.1
4	☐	625.000	593.533	775621.51	0.1485	P	1.8
5	☐	1250.000	1235.535	1575999.01	0.3090	A	2.7
6	☐	2500.000	2431.611	3181274.53	0.6081	A	1.8
7	☐	5000.000	5042.061	6307870.15	1.2608	A	8.4
8	☐			3975.71	0.0008	P	2.9

$$y = 2.5005E-004 * x + 3.8829E-005$$

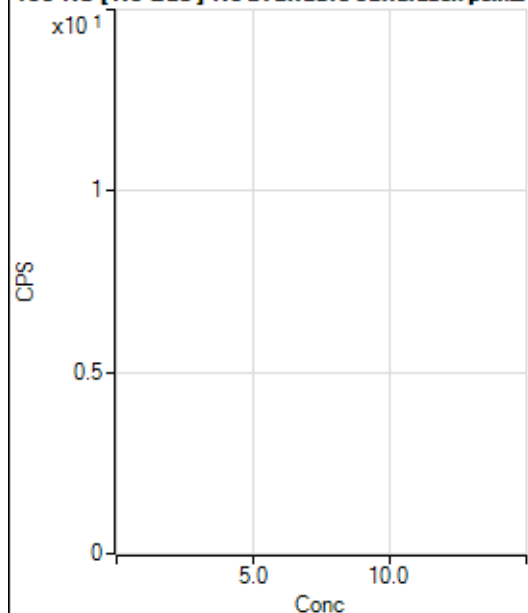
$$R = 0.9998$$

$$DL = 0.137$$

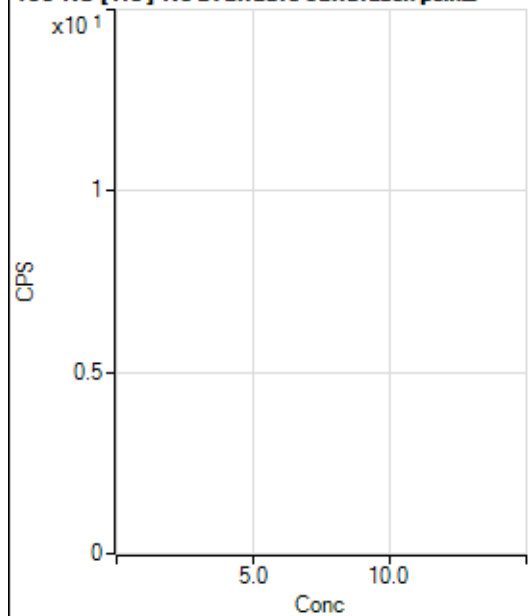
$$BEC = 0.1553$$

Weight: <None>

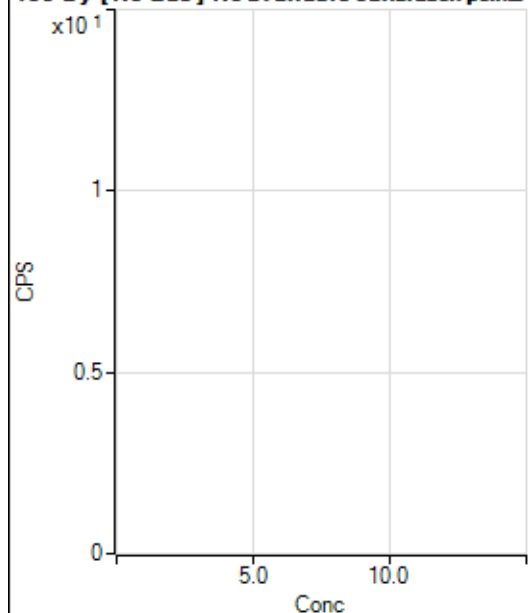
Min Conc: 0

150 Nd [No Gas] No available calibration points

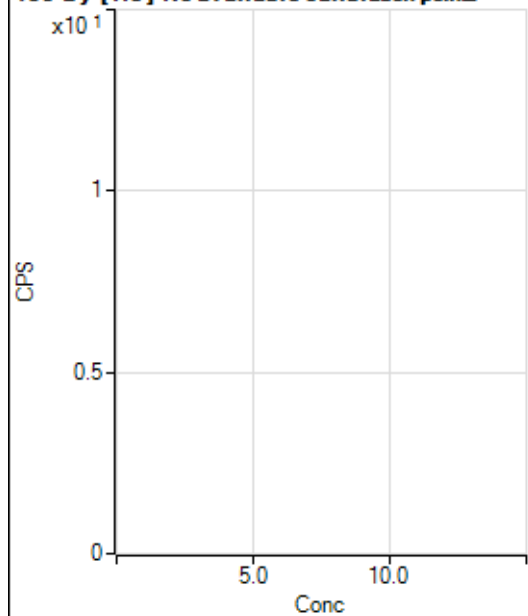
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			11.11		P	34.6
3	☐			22.22		P	45.8
4	☐			37.78		P	62.0
5	☐			60.00		P	58.8
6	☐			113.34		P	35.8
7	☐			206.67		P	18.0
8	☐			117.78		P	26.7

150 Nd [He] No available calibration points

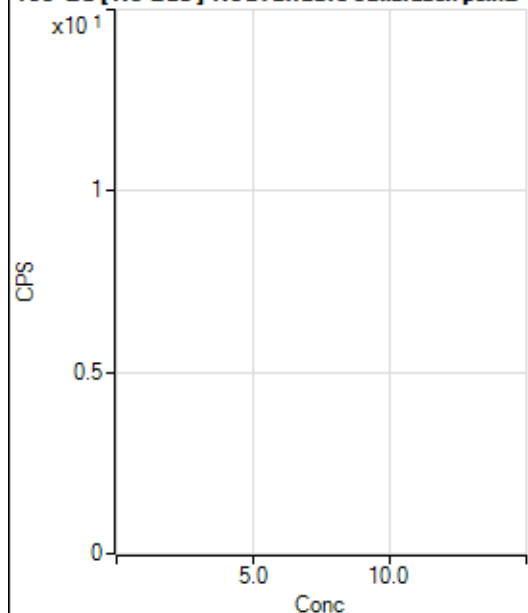
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			5.55		P	69.3
6	☐			8.89		P	43.3
7	☐			12.22		P	41.7
8	☐			41.11		P	26.1

156 Dy [No Gas] No available calibration points

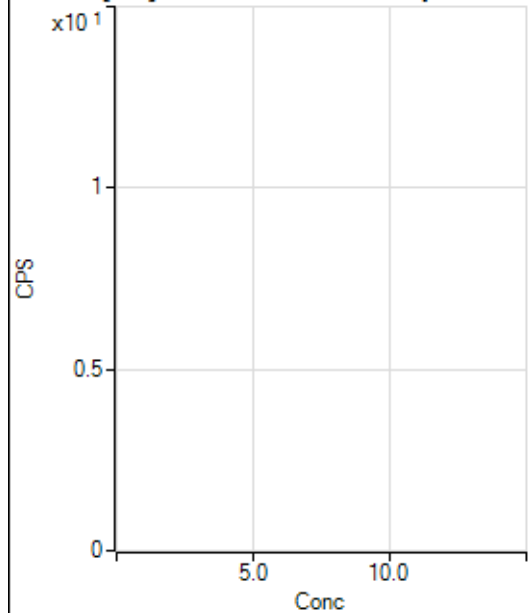
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			19.44		P	49.5
3	☐			11.11		P	173.
4	☐			19.44		P	99.0
5	☐			44.44		P	21.7
6	☐			80.56		P	33.3
7	☐			155.56		P	18.8
8	☐			758.38		P	11.6

156 Dy [He] No available calibration points

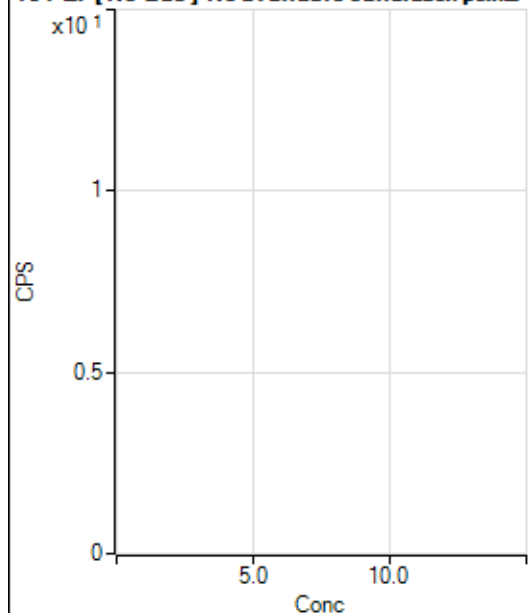
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			13.33		P	50.0
4	☐			21.11		P	24.1
5	☐			32.22		P	76.3
6	☐			62.22		P	48.6
7	☐			114.45		P	6.7
8	☐			365.56		P	13.5

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

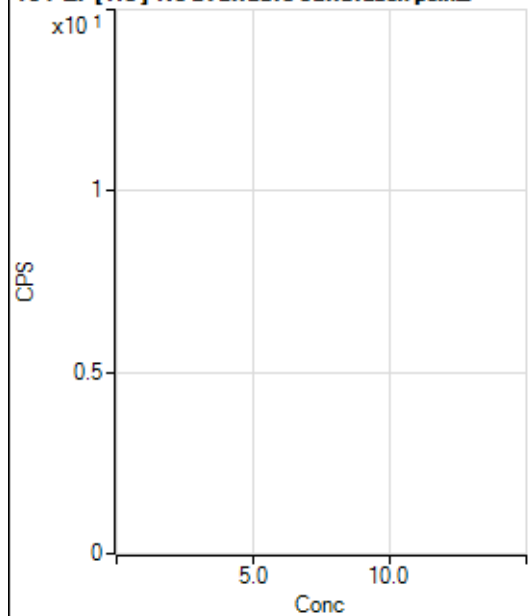
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐			36.11		P	58.1
3	☐			52.78		P	36.5
4	☐			58.33		P	24.7
5	☐			88.89		P	5.4
6	☐			111.11		P	21.6
7	☐			200.00		P	14.4
8	☐			797.27		P	2.4

160 Gd [He] No available calibration points

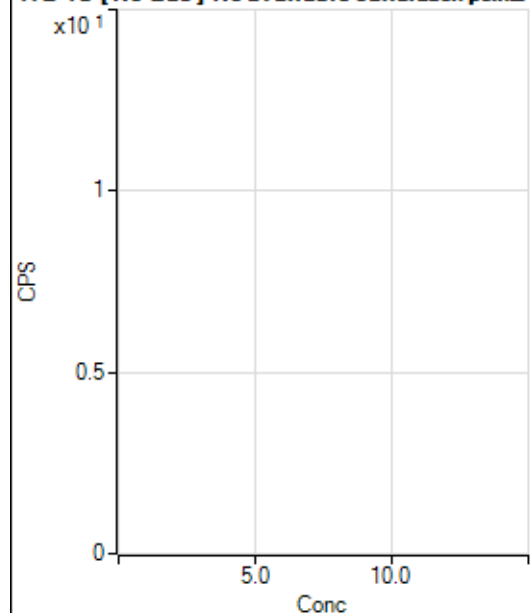
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	15.0
2	☐			62.22		P	17.2
3	☐			58.89		P	8.6
4	☐			92.22		P	5.5
5	☐			88.89		P	28.2
6	☐			112.22		P	12.0
7	☐			160.00		P	10.8
8	☐			486.68		P	12.0

164 Er [No Gas] No available calibration points

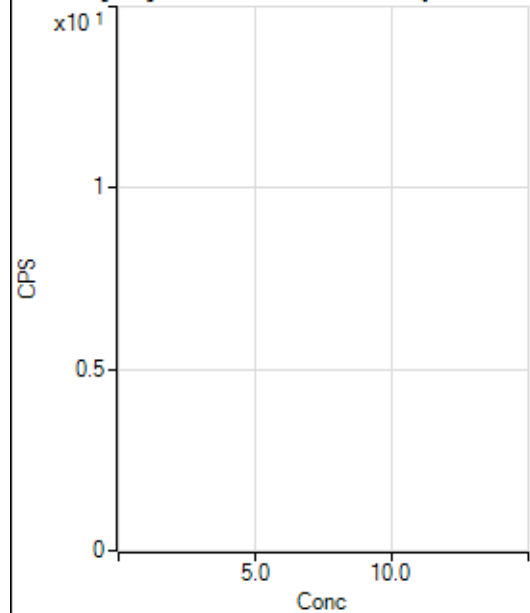
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			30.55		P	15.7
3	☐			22.22		P	78.1
4	☐			36.11		P	48.0
5	☐			50.00		P	33.3
6	☐			55.56		P	17.3
7	☐			77.78		P	16.4
8	☐			155.56		P	11.2

164 Er [He] No available calibration points

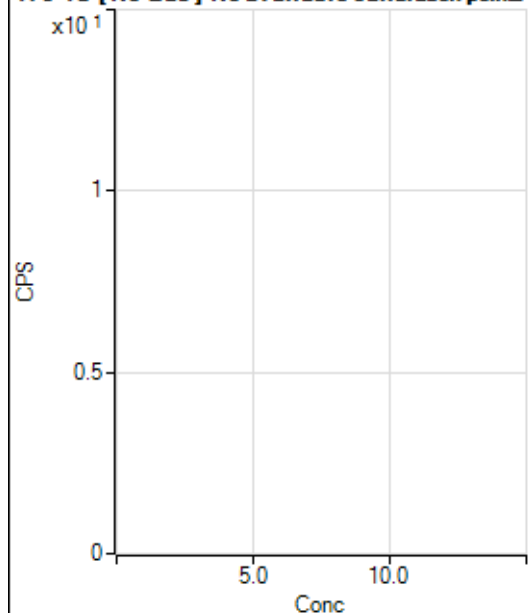
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	12.4
2	☐			25.56		P	30.1
3	☐			8.89		P	78.1
4	☐			26.67		P	33.1
5	☐			18.89		P	27.0
6	☐			25.56		P	49.4
7	☐			33.33		P	10.0
8	☐			57.78		P	13.3

172 Yb [No Gas] No available calibration points

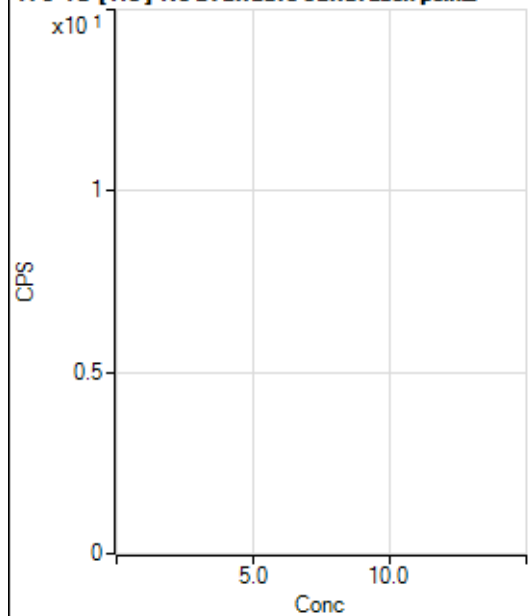
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	15.7
2	☐			33.33		P	66.1
3	☐			30.56		P	56.8
4	☐			44.45		P	47.2
5	☐			58.33		P	51.5
6	☐			69.45		P	25.0
7	☐			111.11		P	11.5
8	☐			86.12		P	24.4

172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	25.0
2	☐			14.82		P	57.3
3	☐			18.52		P	62.4
4	☐			9.26		P	69.2
5	☐			31.48		P	10.2
6	☐			38.89		P	14.3
7	☐			38.89		P	0.0
8	☐			50.00		P	58.8

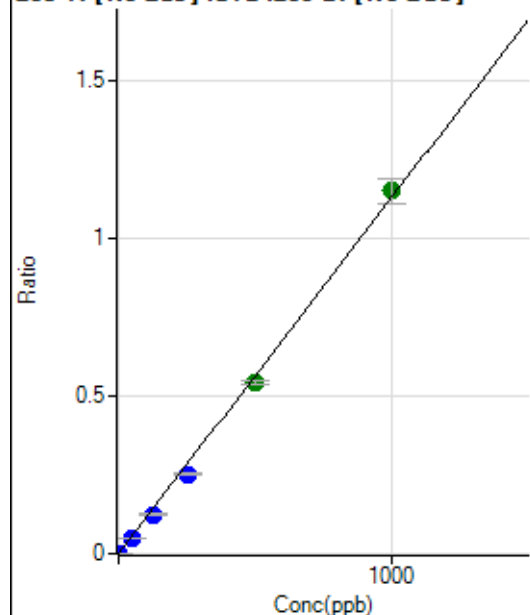
176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			522.25		P	11.3
2	☐			597.25		P	7.7
3	☐			1400.12		P	8.3
4	☐			2411.40		P	1.0
5	☐			4364.72		P	1.9
6	☐			8402.90		P	0.5
7	☐			16096.41		P	5.0
8	☐			544.47		P	7.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5903.28		P	4.3
2	☐			5869.92		P	0.9
3	☐			6051.47		P	3.5
4	☐			6698.09		P	1.3
5	☐			7524.49		P	2.1
6	☐			8968.01		P	2.6
7	☐			12548.72		P	1.8
8	☐			5671.71		P	1.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	25.6
2	☐	1.000	0.902	3447.79	0.0011	P	6.1
3	☐	50.000	44.560	176512.36	0.0504	P	1.0
4	☐	125.000	109.855	443738.81	0.1243	P	1.6
5	☐	250.000	223.171	886107.82	0.2525	P	1.1
6	☐	500.000	479.663	1877009.57	0.5426	A	2.9
7	☐	1000.000	1019.041	3826182.51	1.1527	A	6.6
8	☐			850.05	0.0003	P	4.8

$$y = 0.0011 * x + 3.0581E-005$$

$$R = 0.9993$$

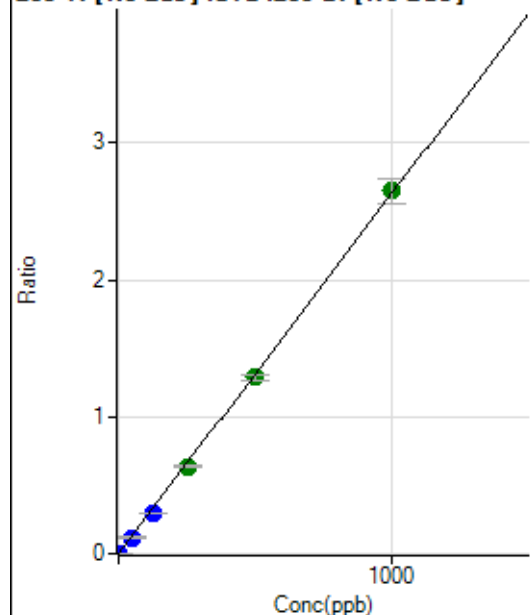
$$DL = 0.02075$$

$$BEC = 0.02704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0001	P	15.2
2	☐	1.000	0.898	7974.90	0.0024	P	8.5
3	☐	50.000	45.150	415380.39	0.1187	P	1.6
4	☐	125.000	111.027	1041615.11	0.2917	P	1.6
5	☐	250.000	242.654	2237909.25	0.6375	A	1.5
6	☐	500.000	490.652	4458782.13	1.2890	A	3.0
7	☐	1000.000	1008.500	8795565.21	2.6494	A	6.9
8	☐			2255.83	0.0007	P	7.5

$$y = 0.0026 * x + 7.3316E-005$$

$$R = 0.9998$$

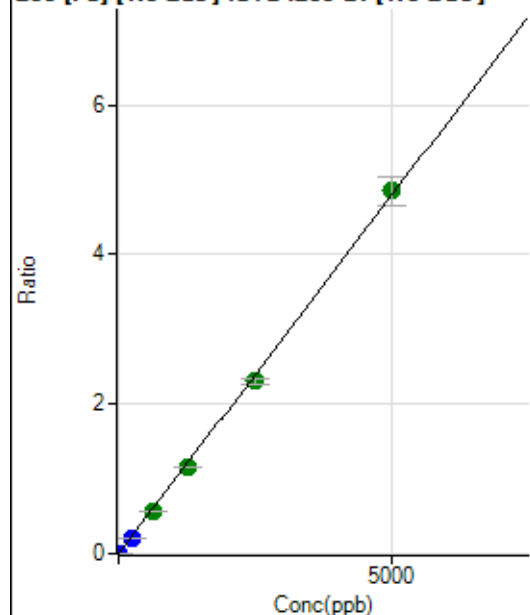
$$DL = 0.0127$$

$$BEC = 0.02791$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	509.28	0.0001	P	9.2
2	☐	1.000	0.887	3256.02	0.0010	P	1.7
3	☐	250.000	219.091	735152.56	0.2100	P	1.7
4	☐	625.000	578.800	1980089.39	0.5547	A	0.4
5	☐	1250.000	1201.719	4041882.29	1.1515	A	0.4
6	☐	2500.000	2410.348	7988500.76	2.3094	A	3.0
7	☐	5000.000	5064.217	16098813.67	4.8520	A	7.8
8	☐			7159.53	0.0023	P	7.5

$$y = 9.5806\text{E-}004 * x + 1.3990\text{E-}004$$

$$R = 0.9997$$

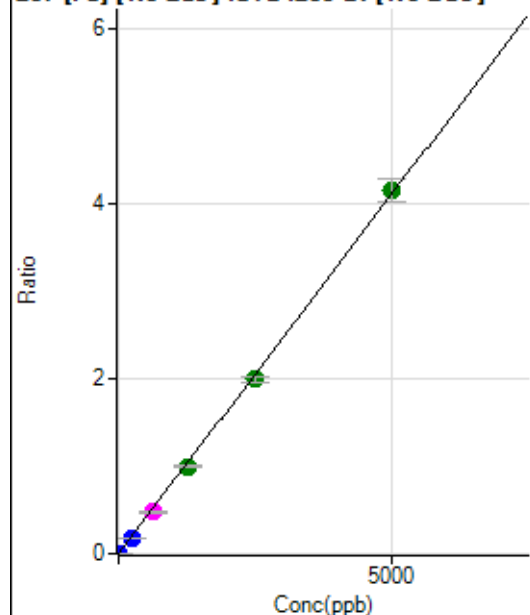
$$DL = 0.0403$$

$$BEC = 0.146$$

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	405.57	0.0001	P	20.0
2	☐	1.000	0.849	2652.18	0.0008	P	8.3
3	☐	250.000	222.920	641201.75	0.1832	P	1.1
4	☐	625.000	577.105	1693139.99	0.4741	M	3.8
5	☐	1250.000	1217.250	3509745.94	0.9999	A	0.8
6	☐	2500.000	2430.771	6907923.42	1.9967	A	3.0
7	☐	5000.000	5050.143	13771572.88	4.1481	A	6.4
8	☐			5873.65	0.0019	P	2.3

$$y = 8.2137\text{E-}004 * x + 1.1169\text{E-}004$$

$$R = 0.9998$$

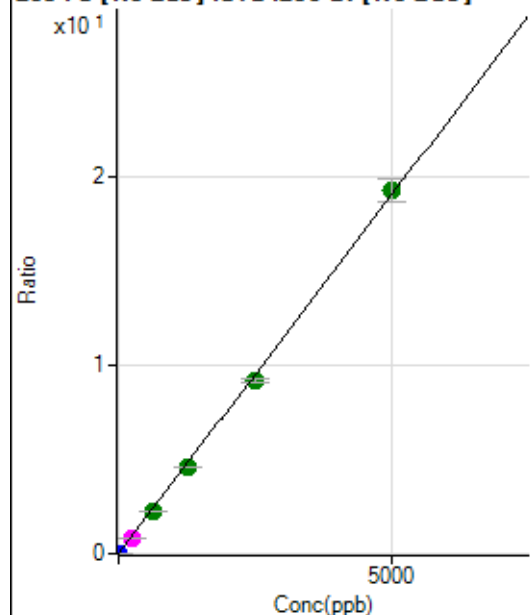
$$DL = 0.08166$$

$$BEC = 0.136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1935.28	0.0005	P	1.5
2	☐	1.000	0.850	12385.86	0.0038	P	4.4
3	☐	250.000	224.410	2994549.67	0.8556	M	2.5
4	☐	625.000	584.769	7956751.61	2.2286	A	1.9
5	☐	1250.000	1207.882	16155985.25	4.6027	A	0.6
6	☐	2500.000	2417.331	31864062.05	9.2109	A	2.7
7	☐	5000.000	5058.173	63980291.01	19.2728	A	6.4
8	☐			28014.33	0.0089	P	6.2

$$y = 0.0038 * x + 5.3114E-004$$

$$R = 0.9998$$

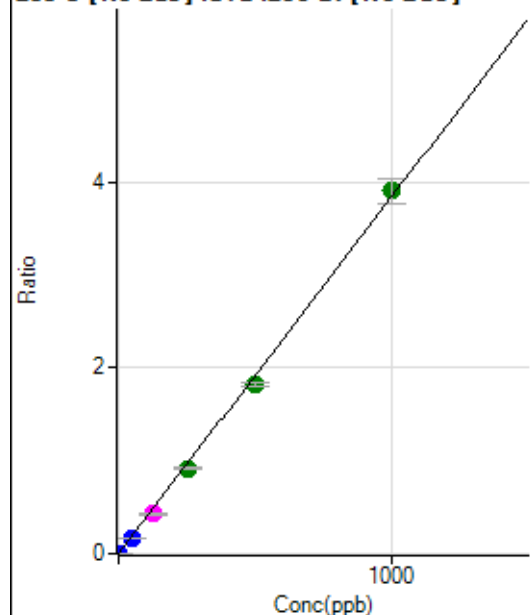
$$DL = 0.006219$$

$$BEC = 0.1394$$

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	180.56	0.0000	P	29.1
2	☐	1.000	0.857	10963.39	0.0033	P	6.4
3	☐	50.000	44.022	591648.23	0.1691	P	2.1
4	☐	125.000	112.333	1540409.92	0.4313	M	4.0
5	☐	250.000	239.132	3222831.30	0.9182	A	2.1
6	☐	500.000	475.024	6310372.80	1.8238	A	2.3
7	☐	1000.000	1017.087	12962910.62	3.9050	A	6.8
8	☐			1875.24	0.0006	P	8.7

$$y = 0.0038 * x + 4.9235E-005$$

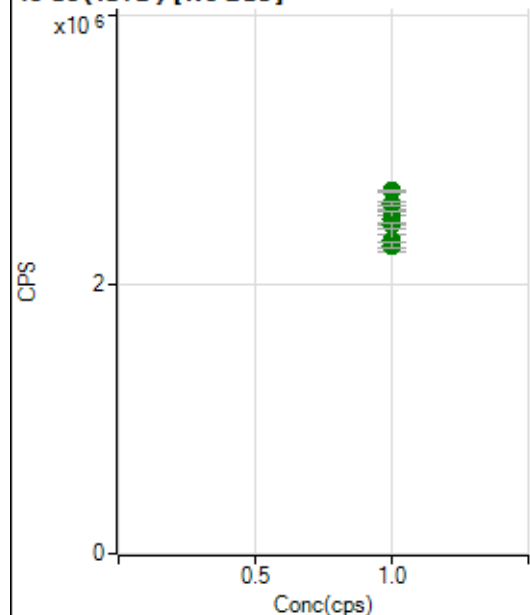
$$R = 0.9995$$

$$DL = 0.01121$$

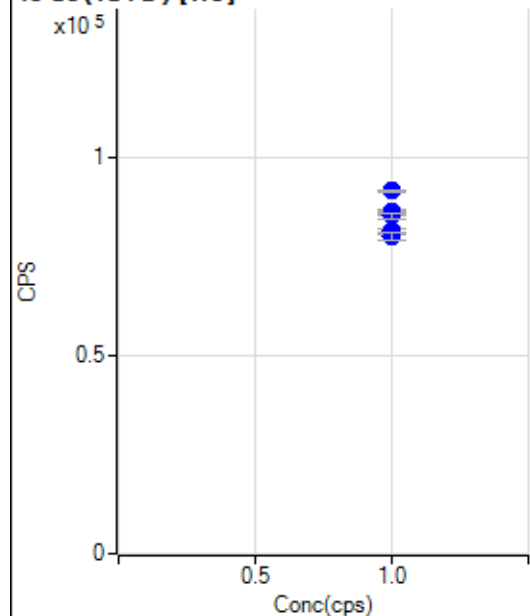
$$BEC = 0.01282$$

Weight: <None>

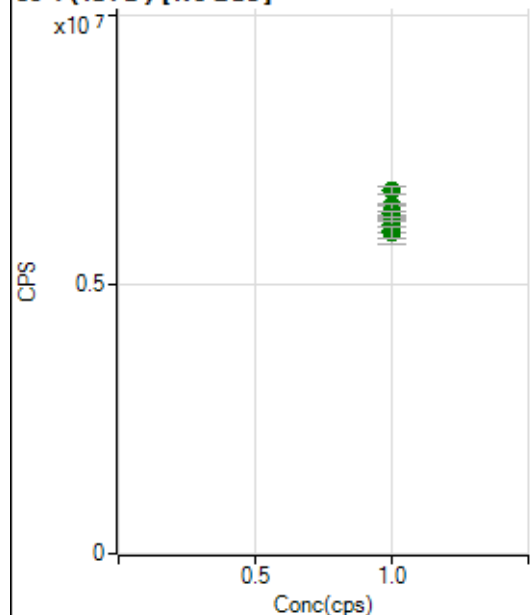
Min Conc: 0

45 Sc (ISTD) [No Gas]

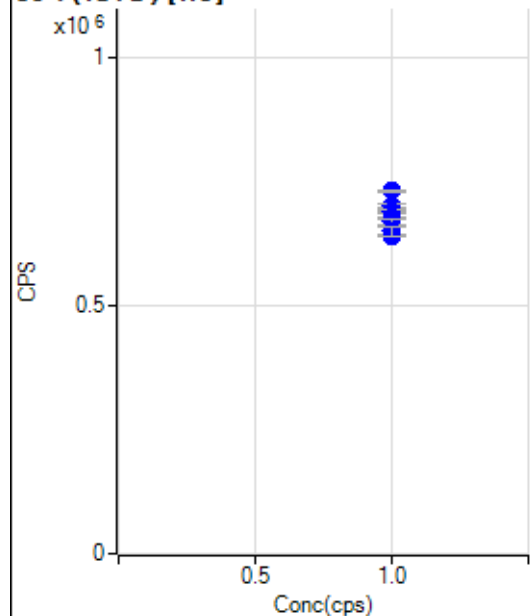
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2693055.17		A	0.7
2	☐	1.000		2436836.47		A	6.0
3	☐	1.000		2533999.77		A	1.8
4	☐	1.000		2597268.24		A	1.5
5	☐	1.000		2490403.30		A	3.6
6	☐	1.000		2435256.23		A	2.1
7	☐	1.000		2326454.32		A	7.2
8	☐	1.000		2290689.36		A	2.0

45 Sc (ISTD) [He]

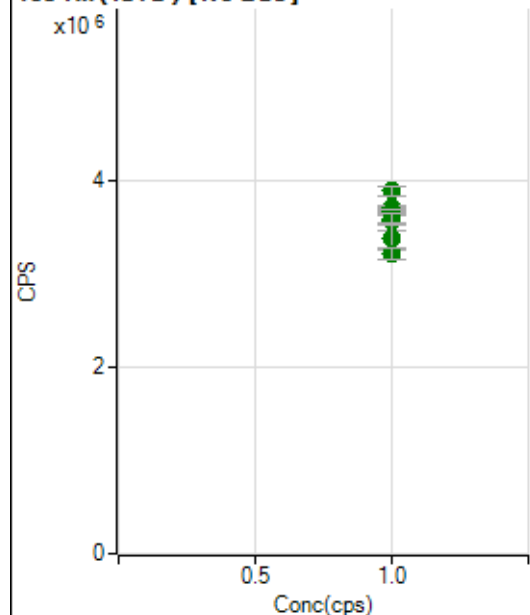
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		91370.67		P	0.5
2	☐	1.000		85989.66		P	0.7
3	☐	1.000		86440.26		P	0.9
4	☐	1.000		85595.38		P	1.2
5	☐	1.000		85066.37		P	1.7
6	☐	1.000		81126.47		P	2.2
7	☐	1.000		80804.78		P	0.3
8	☐	1.000		79841.69		P	2.0

89 Y (ISTD) [No Gas]

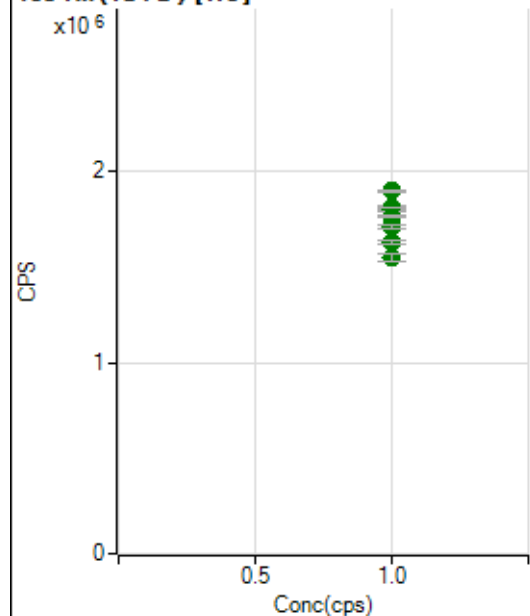
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6743408.16		A	2.2
2	☐	1.000		6119901.78		A	5.4
3	☐	1.000		6328833.73		A	0.8
4	☐	1.000		6482333.79		A	0.9
5	☐	1.000		6365680.53		A	4.1
6	☐	1.000		6266302.06		A	3.0
7	☐	1.000		6014333.87		A	8.1
8	☐	1.000		5967191.30		A	3.8

89 Y (ISTD) [He]

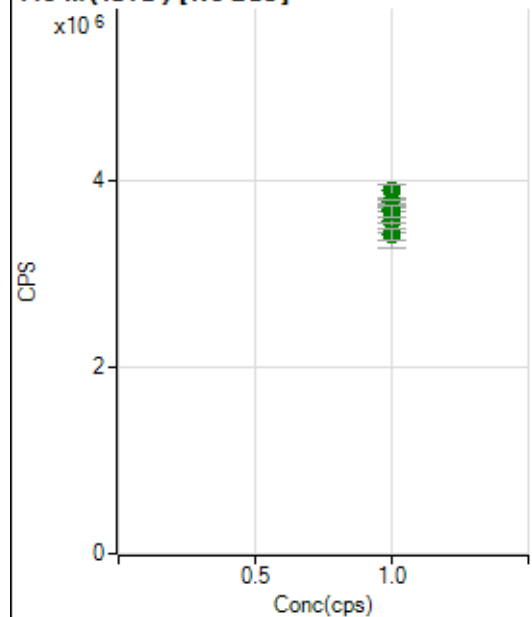
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		730308.43		P	0.6
2	☐	1.000		694627.68		P	1.1
3	☐	1.000		699785.04		P	1.3
4	☐	1.000		689717.23		P	0.8
5	☐	1.000		676087.89		P	0.7
6	☐	1.000		667859.14		P	1.7
7	☐	1.000		640217.60		P	0.5
8	☐	1.000		648450.57		P	3.0

103 Rh (ISTD) [No Gas]

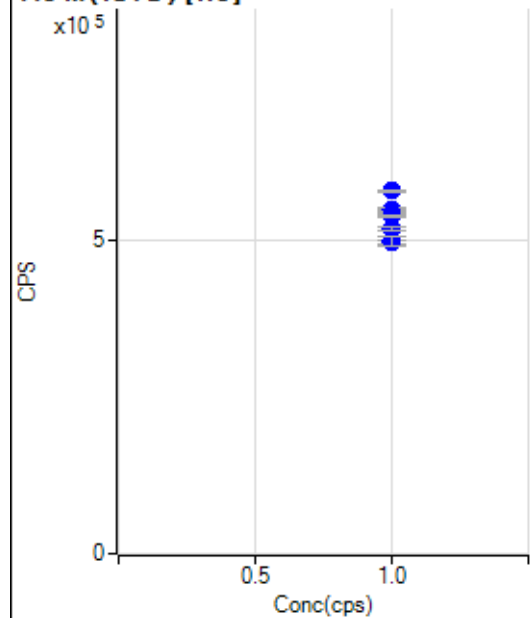
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3882083.55		A	2.8
2	☐	1.000		3562384.33		A	5.8
3	☐	1.000		3670561.58		A	1.6
4	☐	1.000		3698671.35		A	1.7
5	☐	1.000		3655151.60		A	1.5
6	☐	1.000		3588143.57		A	3.1
7	☐	1.000		3380849.18		A	7.7
8	☐	1.000		3213839.46		A	3.8

103 Rh (ISTD) [He]

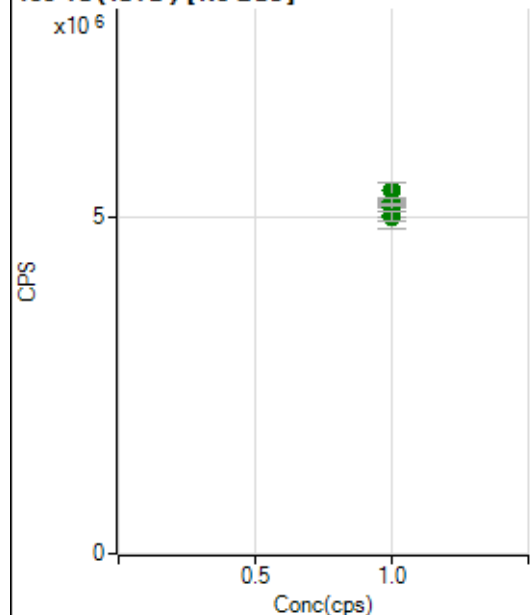
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1897113.29		A	0.5
2	☐	1.000		1789939.39		A	1.9
3	☐	1.000		1812723.81		A	1.2
4	☐	1.000		1804126.52		A	1.1
5	☐	1.000		1763815.63		A	0.4
6	☐	1.000		1706909.80		A	1.3
7	☐	1.000		1626157.14		A	1.0
8	☐	1.000		1548927.36		A	2.2

115 In (ISTD) [No Gas]

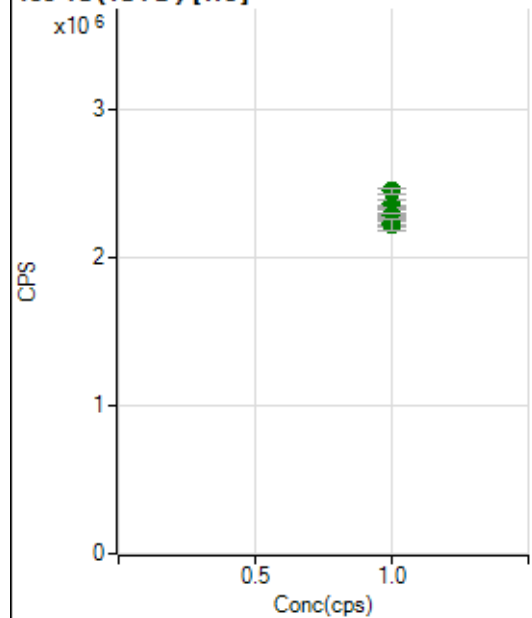
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3892802.44		A	4.0
2	☐	1.000		3576350.47		A	7.2
3	☐	1.000		3697587.99		A	1.4
4	☐	1.000		3777708.17		A	1.1
5	☐	1.000		3691434.93		A	1.1
6	☐	1.000		3672104.22		A	2.9
7	☐	1.000		3418471.15		A	8.1
8	☐	1.000		3422834.38		A	3.3

115 In (ISTD) [He]

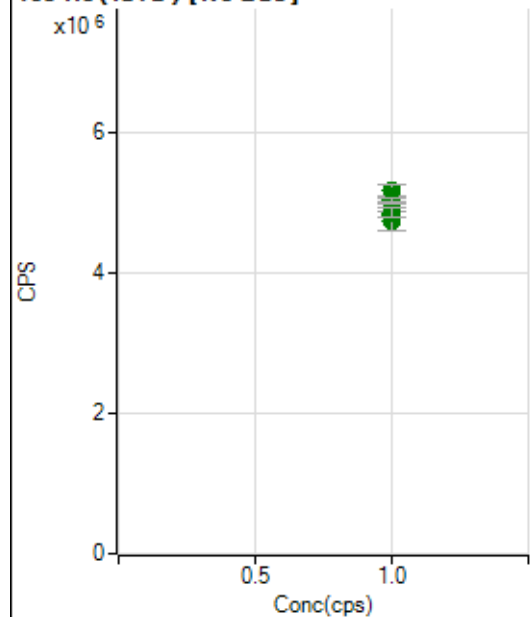
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		579260.78		P	0.5
2	☐	1.000		546299.14		P	1.2
3	☐	1.000		550832.64		P	1.0
4	☐	1.000		544133.41		P	0.5
5	☐	1.000		539325.79		P	0.6
6	☐	1.000		519297.71		P	1.4
7	☐	1.000		496561.51		P	1.2
8	☐	1.000		499260.65		P	2.9

159 Tb (ISTD) [No Gas]

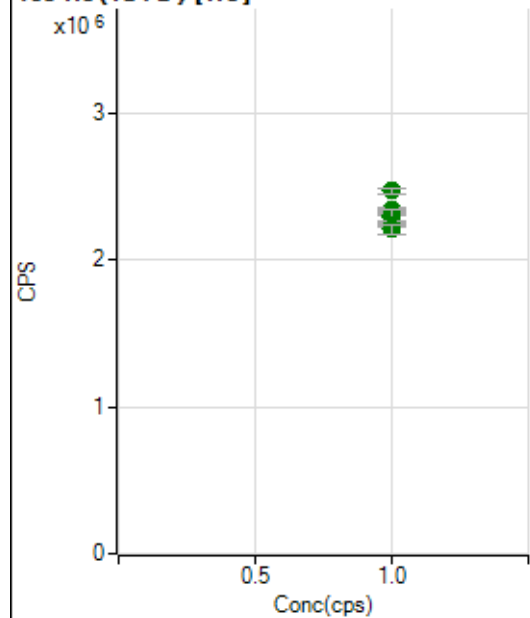
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5395478.60		A	4.9
2	☐	1.000		4999477.63		A	6.2
3	☐	1.000		5148496.41		A	2.6
4	☐	1.000		5224187.28		A	0.8
5	☐	1.000		5104083.92		A	3.9
6	☐	1.000		5232074.92		A	2.6
7	☐	1.000		5022439.41		A	7.4
8	☐	1.000		5017253.50		A	2.6

159 Tb (ISTD) [He]

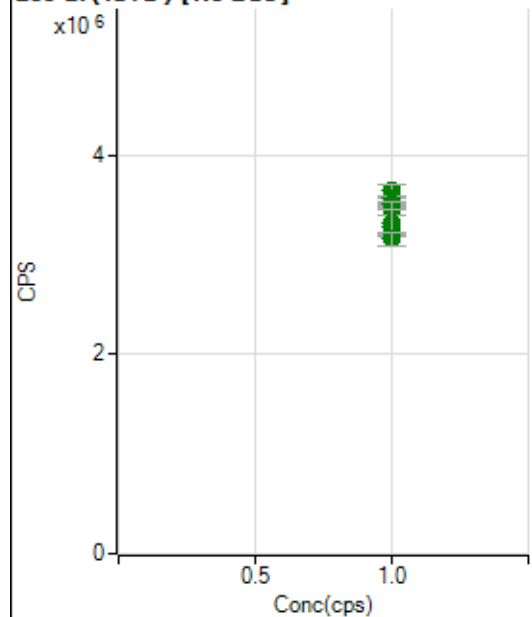
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2447728.77		A	1.7
2	☐	1.000		2254877.95		A	2.7
3	☐	1.000		2365989.58		A	1.7
4	☐	1.000		2329114.58		A	0.7
5	☐	1.000		2281971.74		A	0.9
6	☐	1.000		2225730.40		A	1.3
7	☐	1.000		2236562.66		A	1.8
8	☐	1.000		2212232.74		A	3.5

165 Ho (ISTD) [No Gas]

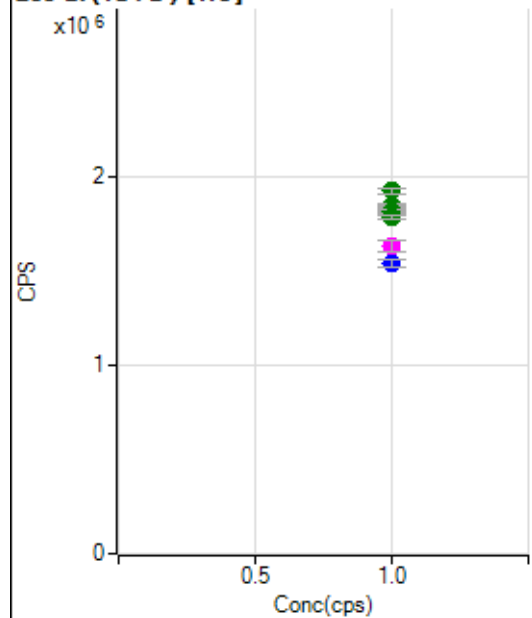
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5172782.63		A	3.1
2	☐	1.000		4740013.65		A	5.4
3	☐	1.000		5051558.01		A	1.8
4	☐	1.000		5089096.25		A	0.5
5	☐	1.000		5019904.41		A	1.7
6	☐	1.000		5029647.64		A	2.0
7	☐	1.000		4816603.40		A	8.3
8	☐	1.000		4863336.26		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2471983.19		A	1.6
2	☐	1.000		2294793.06		A	3.5
3	☐	1.000		2333357.31		A	2.3
4	☐	1.000		2340445.17		A	1.2
5	☐	1.000		2312915.00		A	0.8
6	☐	1.000		2304733.39		A	3.2
7	☐	1.000		2245092.67		A	1.4
8	☐	1.000		2210384.72		A	2.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3644385.88		A	3.4
2	☐	1.000		3290922.07		A	6.6
3	☐	1.000		3499846.96		A	0.7
4	☐	1.000		3569725.40		A	1.8
5	☐	1.000		3510290.19		A	1.4
6	☐	1.000		3461897.79		A	4.1
7	☐	1.000		3330482.97		A	7.6
8	☐	1.000		3162565.54		A	4.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1921299.22		A	1.4
2	☐	1.000		1804003.50		A	1.2
3	☐	1.000		1844517.00		A	1.2
4	☐	1.000		1844353.12		A	0.6
5	☐	1.000		1809107.78		A	1.0
6	☐	1.000		1783146.50		A	0.7
7	☐	1.000		1627624.91		M	3.5
8	☐	1.000		1534390.60		P	2.9