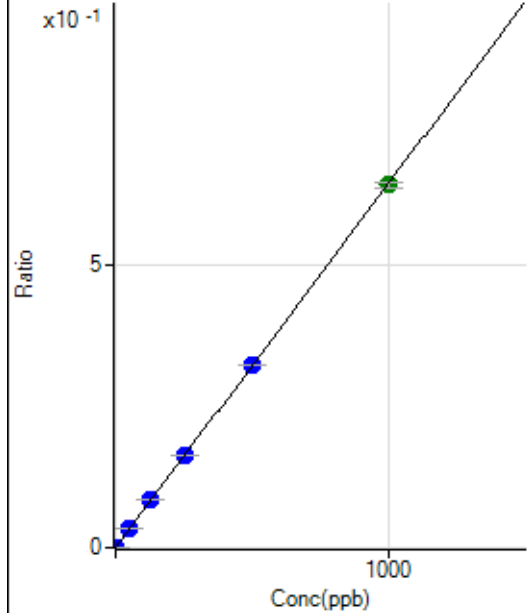


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7071422-MS.b\
Analysis File: P7071422-MS .batch.bin
DA Date-Time: 2022-12-13 14:10:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P7071422-MS.D	S00	2022-07-14 13:33:33
2	005CALS P7071422-MS.D	S01	2022-07-14 13:36:25
3	006CALS P7071422-MS.D	S02	2022-07-14 13:39:19
4	007CALS P7071422-MS.D	S03	2022-07-14 13:42:11
5	008CALS P7071422-MS.D	S04	2022-07-14 13:44:58
6	009CALS P7071422-MS.D	S05	2022-07-14 13:47:42
7	010CALS P7071422-MS.D	S06	2022-07-14 13:50:30
8	011CALS P7071422-MS.D	S07	2022-07-14 13:53:15
9	012CALS P7071422-MS.D	S08	2022-07-14 13:56:03

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	23.2
2	☐	0.100	0.097	232.22	0.0001	P	20.2
3	☐	1.000	1.080	2172.40	0.0007	P	2.9
4	☐	50.000	52.569	103229.55	0.0339	P	0.6
5	☐	125.000	130.975	254451.17	0.0845	P	1.9
6	☐	250.000	253.322	471554.95	0.1634	P	0.7
7	☐	500.000	503.603	877032.24	0.3249	P	0.3
8	☐	1000.000	996.493	1662641.17	0.6429	A	1.3
9	☐			5079.76	0.0020	P	0.7

$$y = 6.4515\text{E-}004 * x + 1.3860\text{E-}005$$

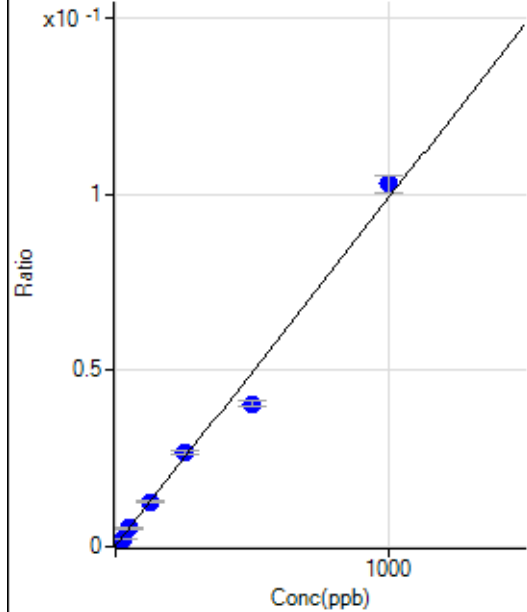
$$R = 1.0000$$

$$DL = 0.01493$$

$$BEC = 0.02148$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	688.92	0.0002	P	3.8
2	☐	2.500	1.747	1211.19	0.0004	P	4.5
3	☐	25.000	18.394	6245.85	0.0020	P	4.3
4	☐	50.000	50.965	16016.97	0.0053	P	5.2
5	☐	125.000	127.410	38581.93	0.0128	P	5.9
6	☐	250.000	268.879	77337.44	0.0268	P	4.0
7	☐	500.000	409.256	109784.41	0.0407	P	4.1
8	☐	1000.000	1040.470	266523.97	0.1031	P	5.0
9	☐			15082.70	0.0060	P	8.3

$$y = 9.8840\text{E-}005 * x + 2.2598\text{E-}004$$

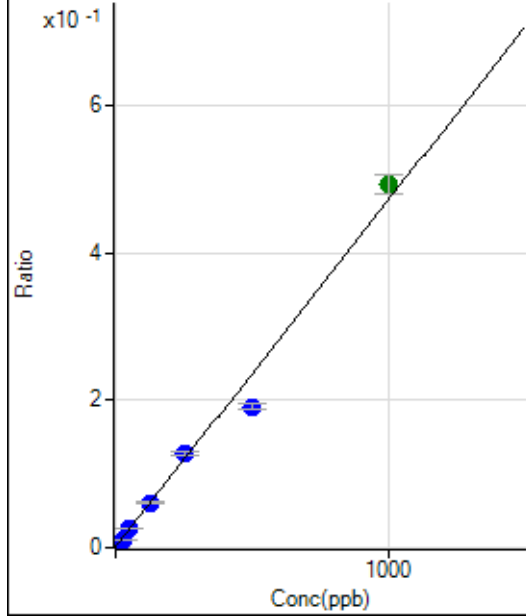
$$R = 0.9943$$

$$DL = 0.2598$$

$$BEC = 2.286$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3128.18	0.0010	P	4.4
2	☐	2.500	1.884	5815.13	0.0019	P	3.4
3	☐	25.000	18.801	30205.14	0.0099	P	6.0
4	☐	50.000	51.966	77644.88	0.0255	P	3.8
5	☐	125.000	126.182	182033.27	0.0605	P	5.6
6	☐	250.000	268.821	368472.85	0.1277	P	2.7
7	☐	500.000	403.805	516283.62	0.1913	P	3.8
8	☐	1000.000	1043.303	1273848.46	0.4926	A	5.3
9	☐			72088.38	0.0288	P	10.2

$$y = 4.7117\text{E-}004 * x + 0.0010$$

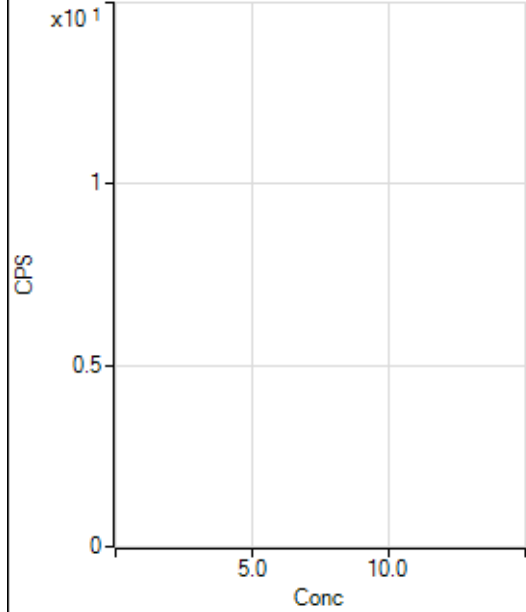
$$R = 0.9936$$

$$DL = 0.2876$$

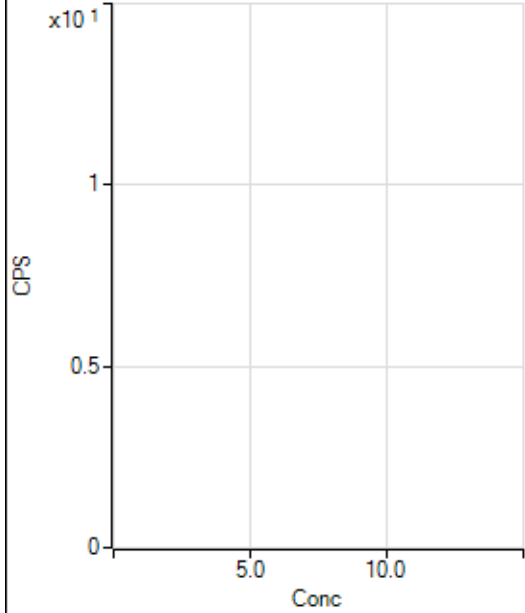
$$BEC = 2.178$$

Weight: <None>

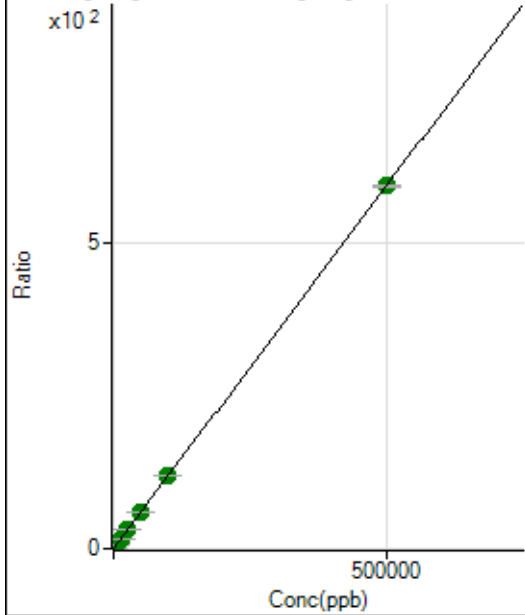
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33315.86	0.0504	P	2.5
2	☐	50.000	47.284	70763.79	0.1065	P	0.7
3	☐	500.000	485.310	416102.60	0.6266	P	0.6
4	☐	5000.000	5088.215	3993722.57	6.0914	A	1.0
5	☐	12500.000	12818.872	9377983.31	15.2697	A	0.7
6	☐	25000.000	25243.933	17212494.94	30.0214	A	0.6
7	☐	50000.000	50516.015	32164704.89	60.0258	A	0.9
8	☐	100000.00	100107.56	63563928.73	118.9037	A	0.6
9	☐	500000.00	499905.84	327340322.1	593.5664	A	0.5

$$y = 0.0012 * x + 0.0504$$

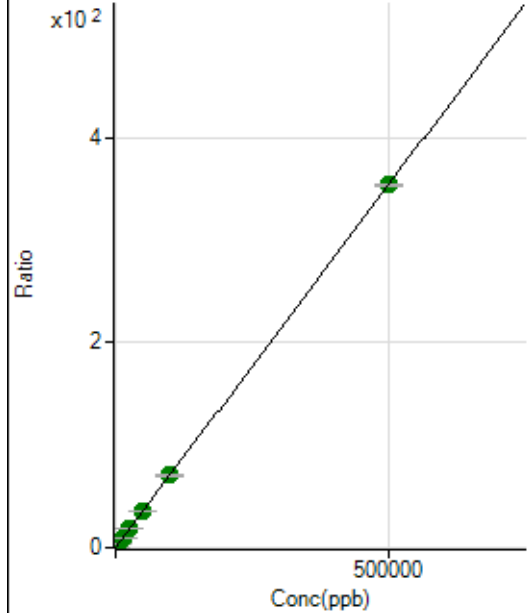
$$R = 1.0000$$

$$DL = 3.182$$

$$BEC = 42.45$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	600.02	0.0009	P	9.0
2	☐	50.000	47.741	23024.89	0.0347	P	1.3
3	☐	500.000	503.835	237165.13	0.3571	P	0.4
4	☐	5000.000	5125.043	2376471.81	3.6245	A	0.2
5	☐	12500.000	12855.460	5582769.92	9.0902	A	1.0
6	☐	25000.000	25274.378	10245954.63	17.8708	A	0.5
7	☐	50000.000	50803.275	19247958.30	35.9207	A	0.7
8	☐	100000.00	99630.573	37657611.49	70.4433	A	0.7
9	☐	500000.00	499969.69	194946646.9	353.4977	A	0.7

$$y = 7.0704\text{E-}004 * x + 9.0745\text{E-}004$$

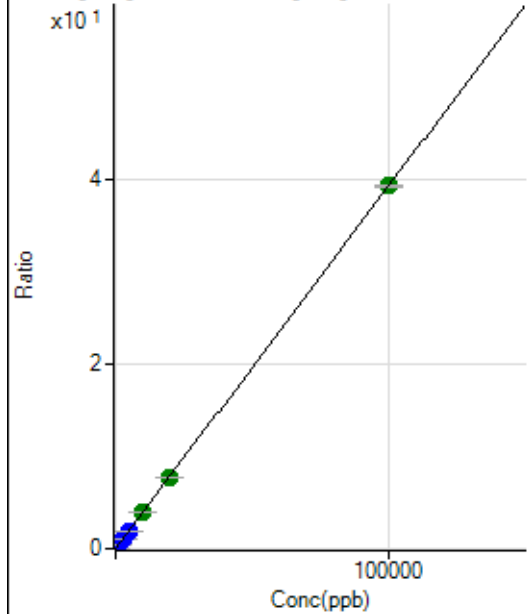
$$R = 1.0000$$

$$DL = 0.3458$$

$$BEC = 1.283$$

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	318.53	0.0005	P	8.5
2	☐	2.000	2.013	846.33	0.0013	P	8.7
3	☐	20.000	19.669	5462.17	0.0082	P	2.6
4	☐	1000.000	991.399	256197.82	0.3908	P	1.3
5	☐	2500.000	2507.497	606567.60	0.9876	P	0.6
6	☐	5000.000	4895.700	1105240.72	1.9277	P	0.4
7	☐	10000.000	9958.493	2100895.23	3.9208	A	0.1
8	☐	20000.000	19764.772	4159620.52	7.7812	A	0.9
9	☐	100000.00	100056.31	21722379.42	39.3891	A	0.2

$$y = 3.9366\text{E-}004 * x + 4.8197\text{E-}004$$

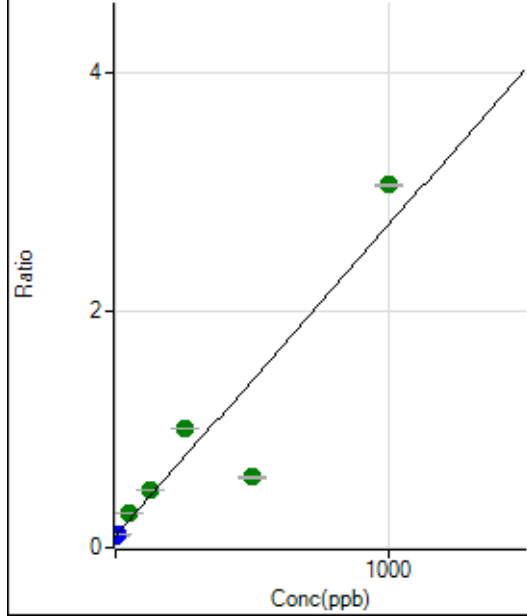
$$R = 1.0000$$

$$DL = 0.3123$$

$$BEC = 1.224$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	746536.79	0.1012	P	0.7
2	☐	1.000	-0.004	763860.36	0.1012	P	1.4
3	☐	10.000	3.743	833101.79	0.1110	P	0.8
4	☐	50.000	71.722	2144908.12	0.2894	A	1.5
5	☐	125.000	148.356	3535322.60	0.4904	A	0.2
6	☐	250.000	345.408	6888278.28	1.0073	A	0.8
7	☐	500.000	187.618	3737297.04	0.5934	A	2.0
8	☐	1000.000	1128.397	18855477.16	3.0614	A	0.5
9	☐			1990818.10	0.3243	A	5.7

$$y = 0.0026 * x + 0.1012$$

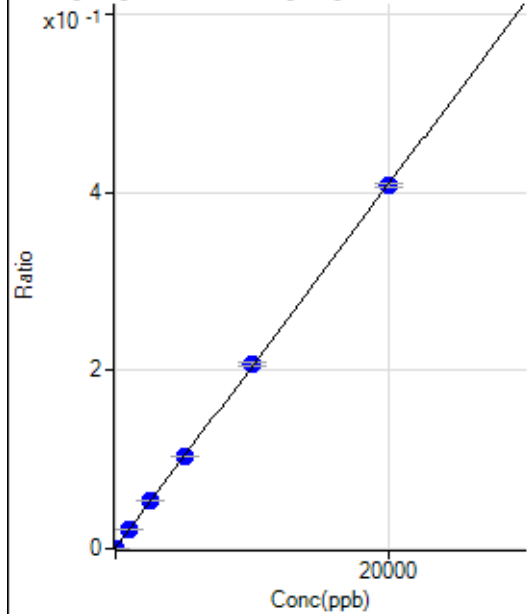
$$R = 0.9368$$

$$DL = 0.7955$$

$$BEC = 38.58$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.392	458.35	0.0007	P	14.1
2	☐	0.000	-4.966	452.80	0.0007	P	17.7
3	☐	0.000	9.358	647.25	0.0010	P	2.4
4	☐	1000.000	1026.461	14268.12	0.0218	P	1.9
5	☐	2500.000	2626.099	33448.30	0.0545	P	1.2
6	☐	5000.000	5053.339	59661.38	0.1041	P	1.2
7	☐	10000.000	10114.262	111179.96	0.2075	P	1.8
8	☐	20000.000	19912.449	217972.89	0.4077	P	1.2
9	☐			1125.07	0.0020	P	2.6

$$y = 2.0438E-005 * x + 7.8338E-004$$

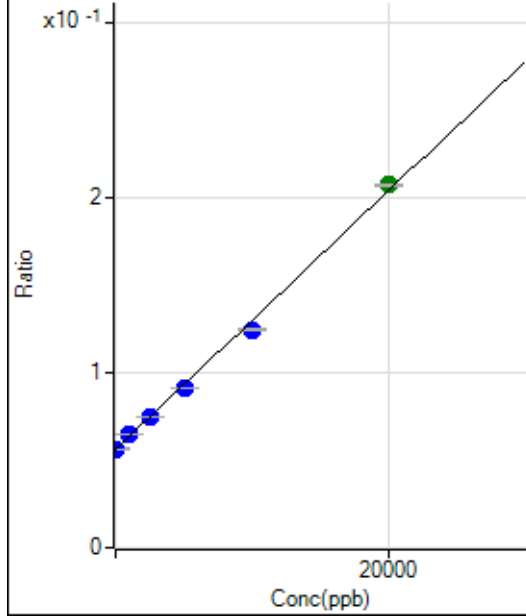
$$R = 1.0000$$

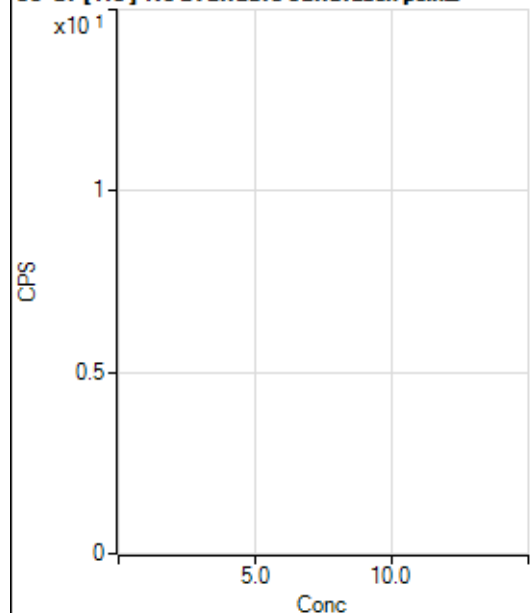
$$DL = 11.84$$

$$BEC = 38.33$$

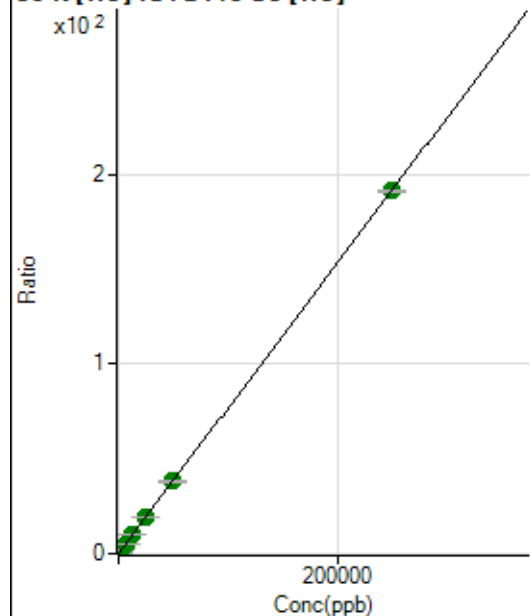
Weight: <None>

Min Conc: 0

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

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77385.72	0.1171	P	0.6
2	☐	50.000	54.029	105175.82	0.1583	P	1.9
3	☐	500.000	529.244	346266.74	0.5214	P	0.9
4	☐	2500.000	2607.920	1383162.37	2.1096	A	1.4
5	☐	6250.000	6397.112	3073695.71	5.0047	A	0.6
6	☐	12500.000	12524.860	5553624.39	9.6866	A	0.3
7	☐	25000.000	25018.179	10305188.16	19.2320	A	0.3
8	☐	50000.000	49679.623	20353844.20	38.0744	A	0.7
9	☐	250000.00	250056.19	105427415.5	191.1704	A	0.2

$$y = 7.6404\text{E-}004 * x + 0.1171$$

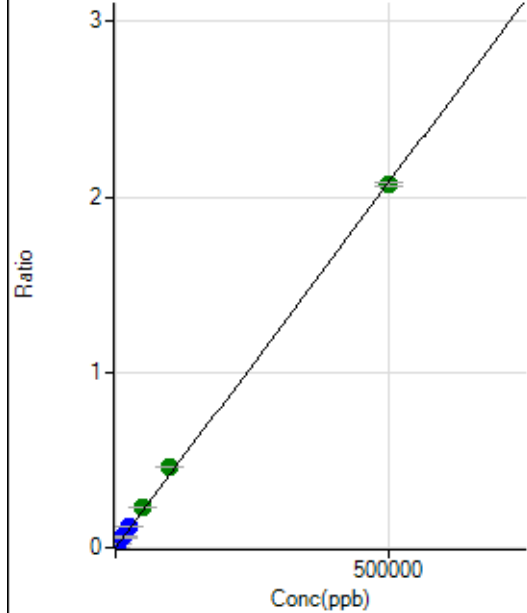
$$R = 1.0000$$

$$DL = 2.762$$

$$BEC = 153.2$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	39.0
2	☐	50.000	47.209	1664.02	0.0002	P	2.8
3	☐	500.000	498.992	15755.76	0.0021	P	3.2
4	☐	5000.000	5846.177	180452.86	0.0243	P	2.4
5	☐	12500.000	14487.441	434616.29	0.0603	P	1.6
6	☐	25000.000	28494.519	810702.53	0.1186	P	0.5
7	☐	50000.000	56473.630	1479724.70	0.2349	A	0.1
8	☐	100000.00	110066.58	2820200.32	0.4579	A	0.5
9	☐	500000.00	497106.44	12685207.49	2.0679	A	1.0

$$y = 4.1599\text{E-}006 * x + 2.4041\text{E-}005$$

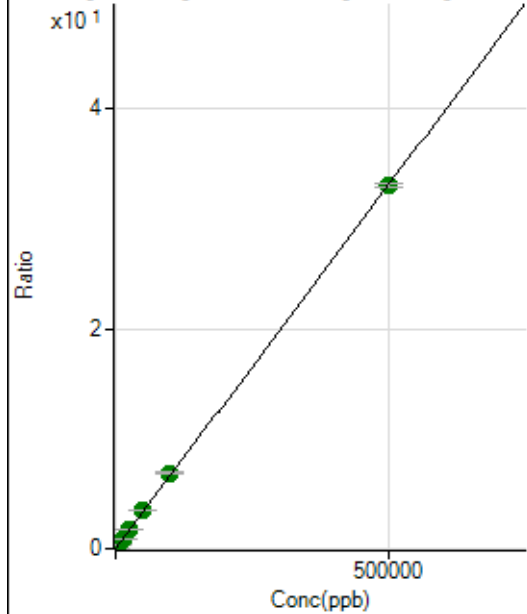
$$R = 0.9997$$

$$DL = 6.76$$

$$BEC = 5.779$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12344.54	0.0017	P	2.4
2	☐	50.000	49.148	37182.46	0.0049	P	1.5
3	☐	500.000	507.854	264701.84	0.0353	P	0.4
4	☐	5000.000	5426.768	2673943.46	0.3607	A	1.0
5	☐	12500.000	13284.549	6348231.04	0.8806	A	0.9
6	☐	25000.000	26301.226	11910660.94	1.7418	A	0.7
7	☐	50000.000	52749.867	21990893.55	3.4917	A	0.4
8	☐	100000.00	104307.17	42515392.27	6.9029	A	0.5
9	☐	500000.00	498774.62	202448514.2	33.0016	A	1.1

$$y = 6.6162\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

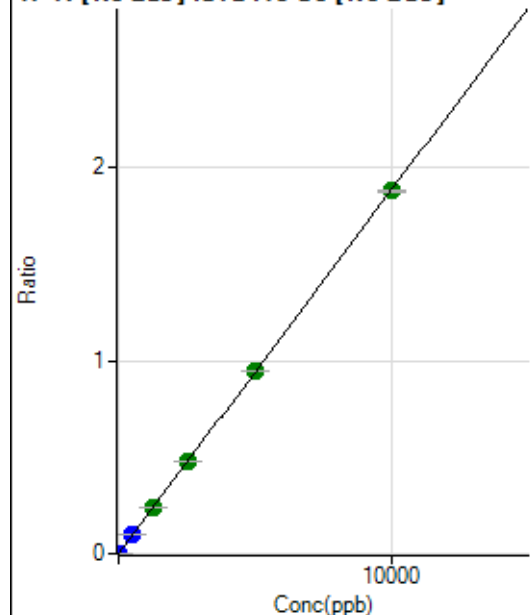
$$DL = 1.798$$

$$BEC = 25.3$$

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	191.68	0.0000	P	24.0
2	☐	0.500	0.516	930.61	0.0001	P	10.2
3	☐	5.000	4.968	7224.10	0.0010	P	3.2
4	☐	500.000	509.593	712489.22	0.0961	P	1.4
5	☐	1250.000	1272.933	1730475.26	0.2401	A	1.7
6	☐	2500.000	2516.527	3245080.28	0.4746	A	0.2
7	☐	5000.000	5037.547	5982617.41	0.9499	A	0.3
8	☐	10000.000	9973.748	11583559.98	1.8807	A	0.5
9	☐			35556.37	0.0058	P	1.6

$$y = 1.8856E-004 * x + 2.5972E-005$$

$$R = 1.0000$$

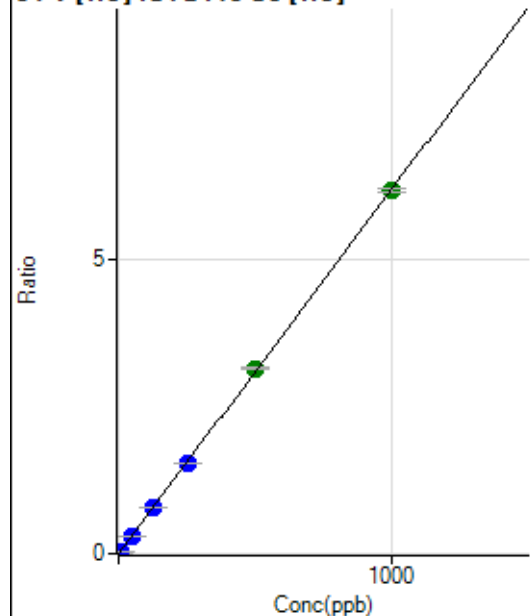
$$DL = 0.09928$$

$$BEC = 0.1377$$

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	10.00	0.0000	P	57.9
2	☐	0.500	0.494	2036.82	0.0031	P	3.9
3	☐	5.000	5.009	20540.72	0.0309	P	1.0
4	☐	50.000	49.968	202204.42	0.3084	P	0.5
5	☐	125.000	126.070	477883.83	0.7781	P	0.3
6	☐	250.000	248.139	878021.71	1.5314	P	0.2
7	☐	500.000	507.664	1678788.25	3.1332	A	1.1
8	☐	1000.000	996.501	3287825.71	6.1501	A	1.2
9	☐			10890.68	0.0197	P	2.3

$$y = 0.0062 * x + 1.5140E-005$$

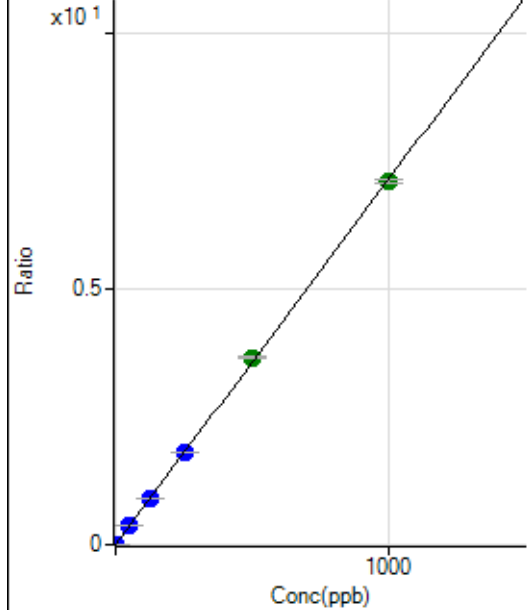
$$R = 1.0000$$

$$DL = 0.004258$$

$$BEC = 0.002453$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1227.84	0.0019	P	4.9
2	☐	0.200	0.180	2087.94	0.0031	P	4.5
3	☐	2.000	2.034	10889.57	0.0164	P	1.8
4	☐	50.000	50.833	239514.60	0.3653	P	0.6
5	☐	125.000	127.643	561675.41	0.9145	P	0.2
6	☐	250.000	252.007	1034102.72	1.8037	P	0.2
7	☐	500.000	511.707	1961327.28	3.6605	A	1.4
8	☐	1000.000	993.273	3797405.43	7.1037	A	1.2
9	☐			22859.57	0.0415	P	0.6

$$y = 0.0071 * x + 0.0019$$

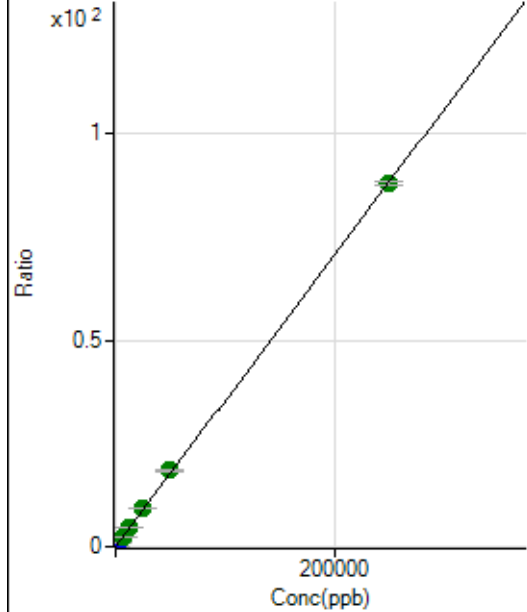
$$R = 0.9999$$

$$DL = 0.03855$$

$$BEC = 0.2598$$

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	1535.00	0.0023	P	2.8
2	☐	5.000	6.002	2946.66	0.0044	P	6.4
3	☐	50.000	53.268	14004.26	0.0211	P	2.8
4	☐	2500.000	2723.641	630614.59	0.9618	P	0.5
5	☐	6250.000	6616.430	1433073.14	2.3332	A	0.8
6	☐	12500.000	13383.307	2704411.45	4.7170	A	0.4
7	☐	25000.000	26559.012	5014665.58	9.3586	A	0.8
8	☐	50000.000	52301.697	9850795.45	18.4274	A	0.9
9	☐	250000.00	249328.19	48439977.02	87.8367	A	1.0

$$y = 3.5228E-004 * x + 0.0023$$

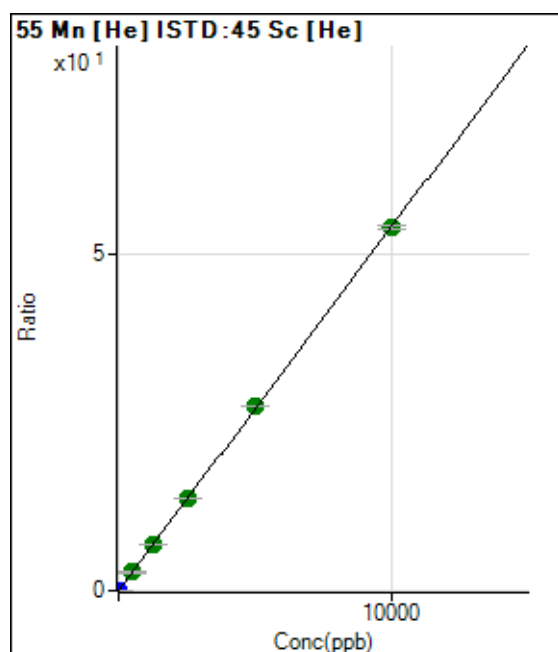
$$R = 0.9999$$

$$DL = 0.549$$

$$BEC = 6.591$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.12	0.0003	P	11.2
2	☐	0.100	0.127	688.91	0.0010	P	7.3
3	☐	1.000	1.057	4026.13	0.0061	P	0.9
4	☐	500.000	502.879	1782910.65	2.7194	A	1.3
5	☐	1250.000	1266.887	4207644.21	6.8504	A	0.9
6	☐	2500.000	2523.100	7821699.05	13.6427	A	0.2
7	☐	5000.000	5050.049	14631470.75	27.3059	A	0.2
8	☐	10000.000	9966.946	28808832.90	53.8915	A	1.0
9	☐			103649.10	0.1879	P	0.2

$$y = 0.0054 * x + 3.4951E-004$$

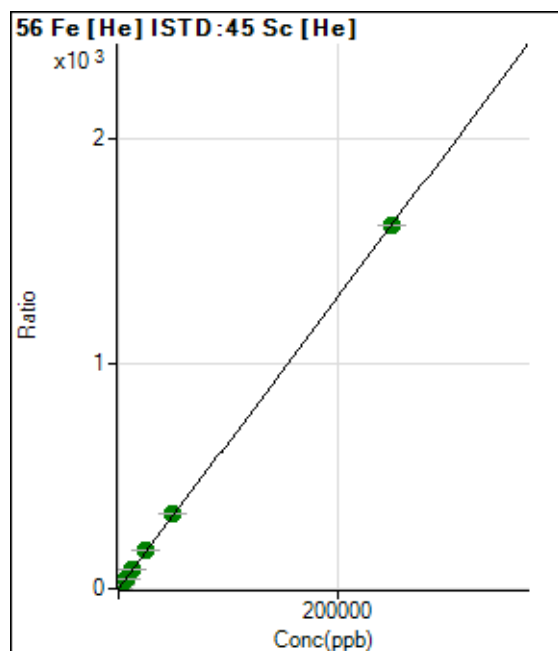
$$R = 1.0000$$

$$DL = 0.02181$$

$$BEC = 0.06464$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15296.89	0.0231	P	0.9
2	☐	5.000	5.104	37289.08	0.0561	P	1.2
3	☐	50.000	51.474	236347.21	0.3559	P	1.2
4	☐	2500.000	2594.565	11012517.61	16.7965	A	0.7
5	☐	6250.000	6539.103	25977902.90	42.2973	A	0.3
6	☐	12500.000	12934.541	47953245.06	83.6426	A	0.6
7	☐	25000.000	26292.926	91094477.96	170.0022	A	0.8
8	☐	50000.000	51417.825	177710385.4	332.4301	A	0.7
9	☐	250000.00	249557.24	889742397.6	1,613.365	A	0.1

$$y = 0.0065 * x + 0.0231$$

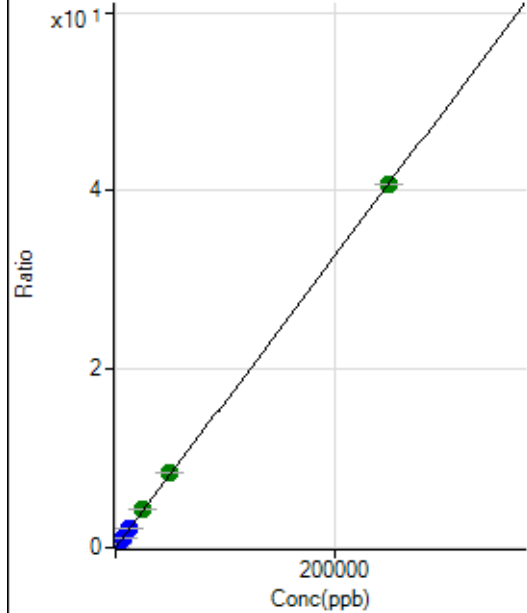
$$R = 1.0000$$

$$DL = 0.1005$$

$$BEC = 3.579$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	724.10	0.0011	P	10.9
2	☐	5.000	5.235	1294.52	0.0019	P	5.6
3	☐	50.000	54.699	6647.87	0.0100	P	1.2
4	☐	2500.000	2612.541	279899.45	0.4269	P	0.6
5	☐	6250.000	6598.785	661228.46	1.0766	P	0.1
6	☐	12500.000	13110.157	1225676.94	2.1379	P	0.1
7	☐	25000.000	26497.859	2314726.73	4.3199	A	0.6
8	☐	50000.000	51398.213	4478731.12	8.3782	A	1.1
9	☐	250000.00	249530.21	22429233.37	40.6708	A	0.1

$$y = 1.6299E-004 * x + 0.0011$$

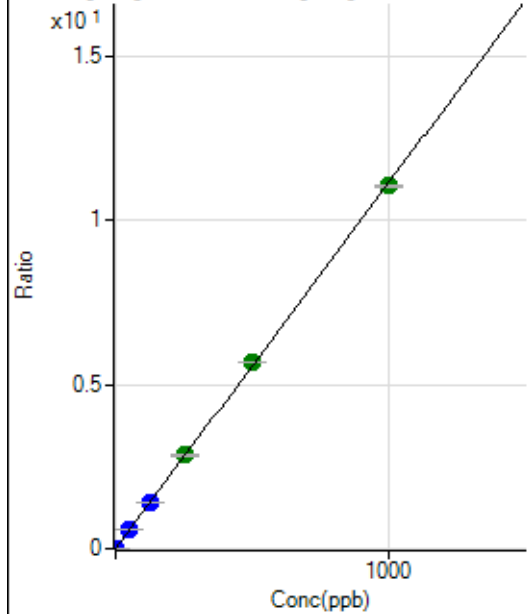
R = 1.0000

DL = 2.196

BEC = 6.722

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.33	0.0002	P	23.9
2	☐	0.100	0.096	831.14	0.0013	P	1.7
3	☐	1.000	1.020	7672.02	0.0116	P	1.5
4	☐	50.000	50.447	368542.20	0.5621	P	0.3
5	☐	125.000	126.687	866748.76	1.4113	P	0.8
6	☐	250.000	256.477	1638045.01	2.8570	A	1.7
7	☐	500.000	511.578	3053383.32	5.6984	A	0.2
8	☐	1000.000	992.358	5909091.65	11.0536	A	0.8
9	☐			34966.24	0.0634	P	2.6

$$y = 0.0111 * x + 1.8666E-004$$

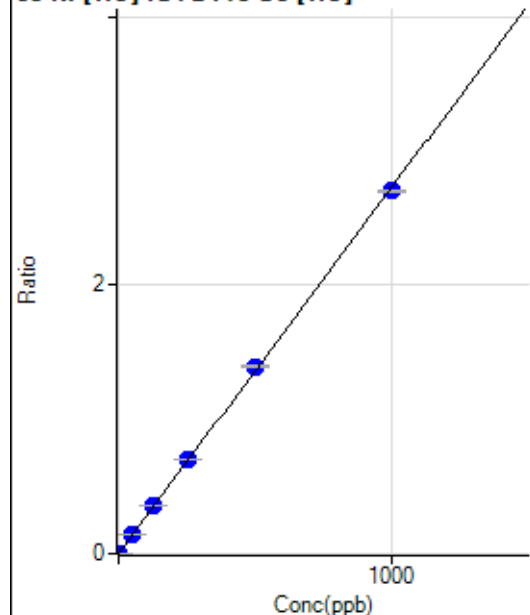
R = 0.9999

DL = 0.01202

BEC = 0.01676

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	88.89	0.0001	P	15.4
2	☐	0.100	0.117	301.12	0.0005	P	5.5
3	☐	1.000	1.006	1910.14	0.0029	P	1.3
4	☐	50.000	53.003	94801.50	0.1446	P	1.3
5	☐	125.000	132.048	221120.96	0.3600	P	0.1
6	☐	250.000	258.132	403426.03	0.7037	P	0.6
7	☐	500.000	511.028	746369.90	1.3929	P	0.7
8	☐	1000.000	991.422	1444561.98	2.7022	P	0.6
9	☐			10034.55	0.0182	P	2.4

$$y = 0.0027 * x + 1.3451E-004$$

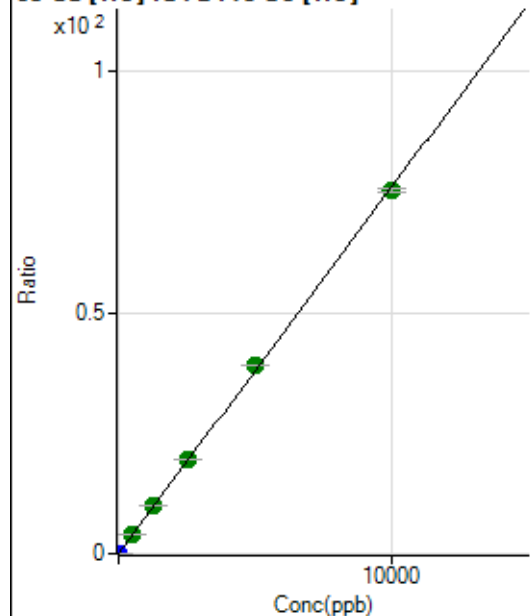
$$R = 0.9999$$

$$DL = 0.02284$$

$$BEC = 0.04935$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	717.81	0.0011	P	7.0
2	☐	0.200	0.251	1989.04	0.0030	P	3.7
3	☐	2.000	2.074	11183.15	0.0168	P	2.6
4	☐	500.000	528.198	2631854.54	4.0142	A	1.0
5	☐	1250.000	1301.644	6074610.39	9.8907	A	0.3
6	☐	2500.000	2563.202	11165868.17	19.4757	A	0.7
7	☐	5000.000	5148.425	20960101.77	39.1177	A	0.6
8	☐	10000.000	9902.121	40218611.34	75.2352	A	0.9
9	☐			120106.92	0.2178	P	0.8

$$y = 0.0076 * x + 0.0011$$

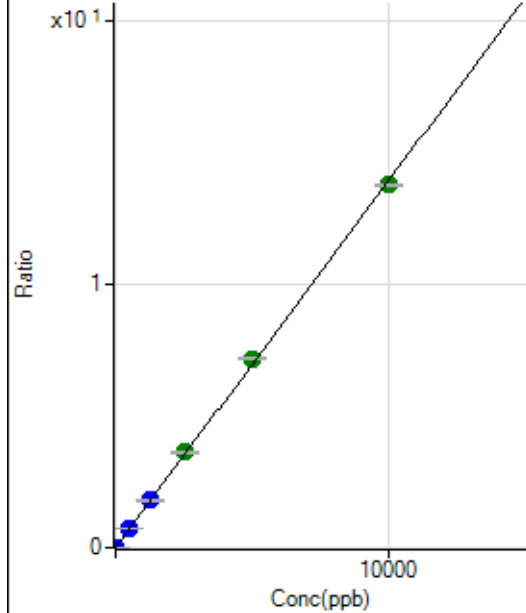
$$R = 0.9998$$

$$DL = 0.02992$$

$$BEC = 0.1429$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	421.12	0.0006	P	11.3
2	☒	0.200					
3	☐	2.000	2.185	2445.78	0.0037	P	4.7
4	☐	500.000	509.858	466337.63	0.7113	P	0.8
5	☐	1250.000	1285.247	1100509.97	1.7920	P	1.3
6	☐	2500.000	2601.295	2079039.93	3.6263	A	1.1
7	☐	5000.000	5154.698	3849905.36	7.1851	A	1.1
8	☐	10000.000	9892.428	7371059.33	13.7885	A	0.7
9	☐			33408.44	0.0606	P	0.7

$$y = 0.0014 * x + 6.3694E-004$$

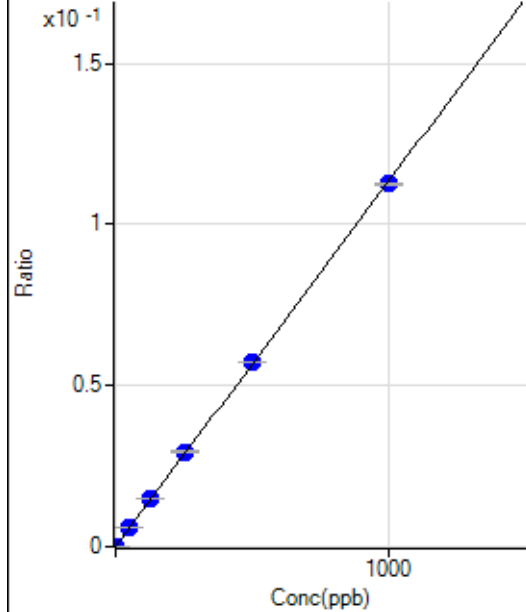
$$R = 0.9998$$

$$DL = 0.1549$$

$$BEC = 0.457$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	17.7
2	☐	0.100	0.128	85.80	0.0000	P	33.3
3	☐	1.000	1.090	614.21	0.0001	P	3.6
4	☐	50.000	53.676	29255.87	0.0061	P	1.5
5	☐	125.000	133.606	69188.85	0.0151	P	0.3
6	☐	250.000	260.103	129542.98	0.0295	P	1.0
7	☐	500.000	505.843	241650.73	0.0573	P	0.3
8	☐	1000.000	993.293	473254.15	0.1126	P	0.6
9	☐			1622.32	0.0004	P	4.3

$$y = 1.1334E-004 * x + 3.1792E-006$$

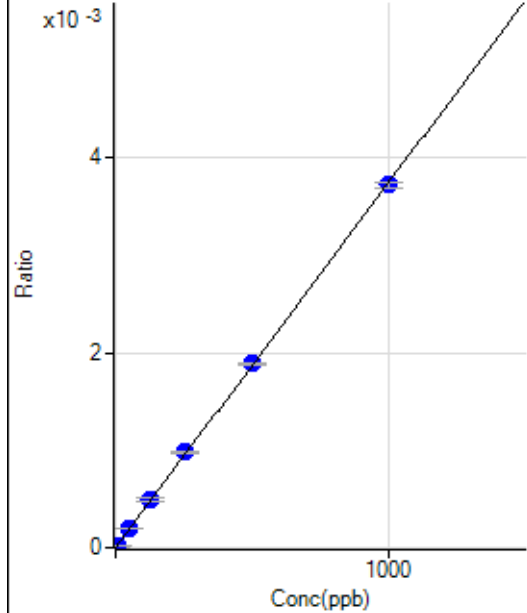
$$R = 0.9999$$

$$DL = 0.01488$$

$$BEC = 0.02805$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.671	12.22	0.0000	P	41.4
3	☐	5.000	6.122	111.11	0.0000	P	22.3
4	☐	50.000	53.533	962.26	0.0002	P	6.4
5	☐	125.000	130.706	2232.41	0.0005	P	6.7
6	☐	250.000	261.852	4302.90	0.0010	P	3.0
7	☐	500.000	503.758	7941.09	0.0019	P	1.0
8	☐	1000.000	994.263	15631.65	0.0037	P	1.6
9	☐			57.78	0.0000	P	16.9

$$y = 3.7403\text{E-}006 * x + 0.0000\text{E+}000$$

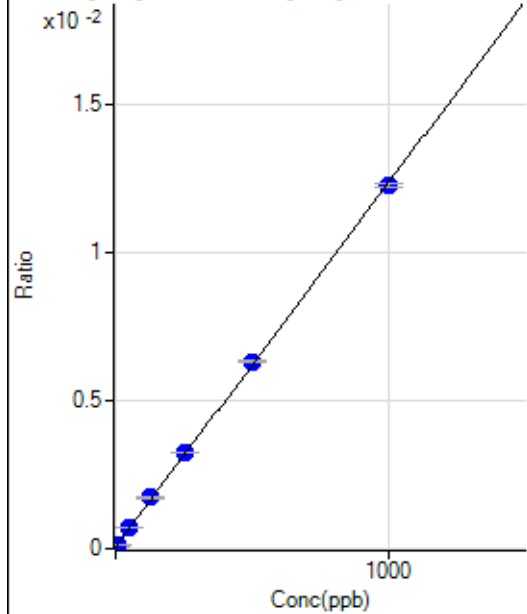
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.87	0.0001	P	6.3
2	☐	0.500	0.869	333.96	0.0001	P	12.4
3	☐	5.000	5.589	614.21	0.0001	P	7.5
4	☐	50.000	54.332	3486.85	0.0007	P	0.9
5	☐	125.000	135.906	7892.25	0.0017	P	1.8
6	☐	250.000	259.198	14246.39	0.0032	P	1.0
7	☐	500.000	508.817	26590.47	0.0063	P	0.8
8	☐	1000.000	991.709	51459.77	0.0122	P	0.9
9	☐			387.05	0.0001	P	11.2

$$y = 1.2286\text{E-}005 * x + 5.7920\text{E-}005$$

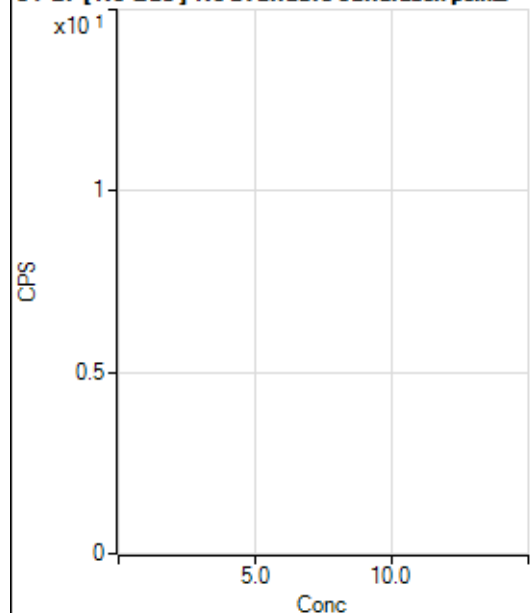
$$R = 0.9999$$

$$DL = 0.8972$$

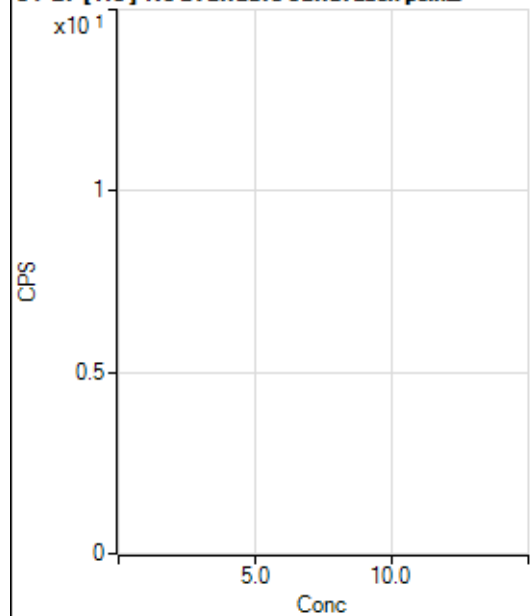
$$BEC = 4.714$$

Weight: <None>

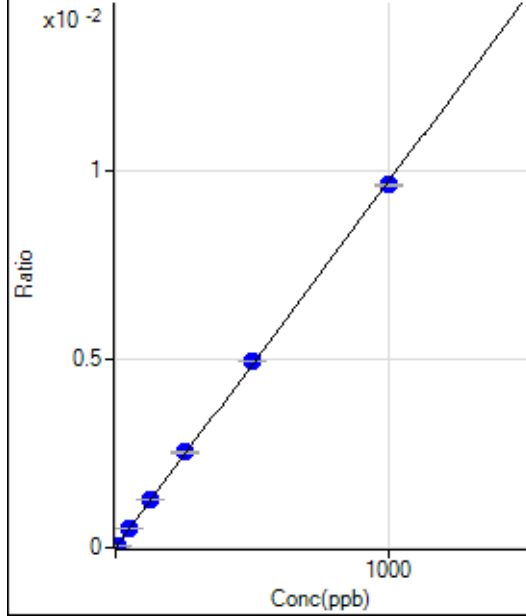
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20940.40		P	3.7
2	☐			22019.69		P	2.8
3	☐			21090.67		P	3.0
4	☐			21115.61		P	2.9
5	☐			20442.38		P	0.8
6	☐			18462.00		P	4.3
7	☐			17154.92		P	1.9
8	☐			17213.21		P	1.4
9	☐			17024.13		P	2.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.45		P	39.8
2	☐			86.75		P	35.3
3	☐			163.50		P	25.5
4	☐			90.09		P	0.0
5	☐			113.45		P	60.1
6	☐			143.48		P	56.8
7	☐			120.12		P	8.3
8	☐			80.08		P	54.5
9	☐			130.13		P	20.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	39.26	0.0000	P	212.
2	☒	0.500					
3	☐	5.000	5.518	1046.47	0.0001	P	4.9
4	☐	50.000	53.369	9746.44	0.0005	P	1.5
5	☐	125.000	133.149	23894.16	0.0013	P	0.2
6	☐	250.000	260.041	45470.27	0.0025	P	1.4
7	☐	500.000	510.746	84608.49	0.0050	P	0.4
8	☐	1000.000	990.927	160371.19	0.0096	P	0.2
9	☐			573.46	0.0000	P	8.4

$$y = 9.6957\text{E-}006 * x + 2.1284\text{E-}006$$

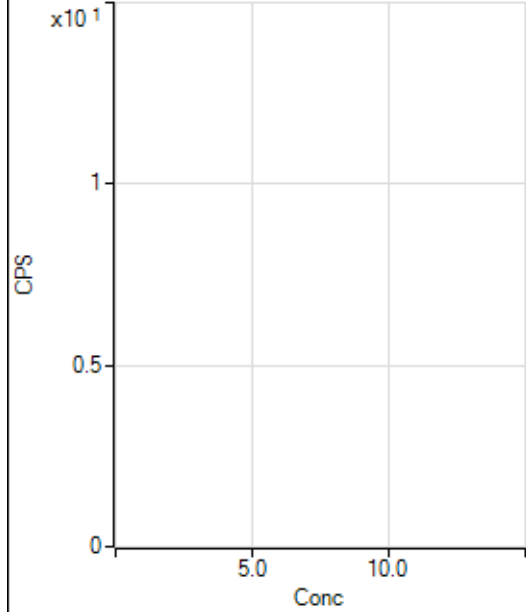
$$R = 0.9998$$

$$DL = 1.398$$

$$BEC = 0.2195$$

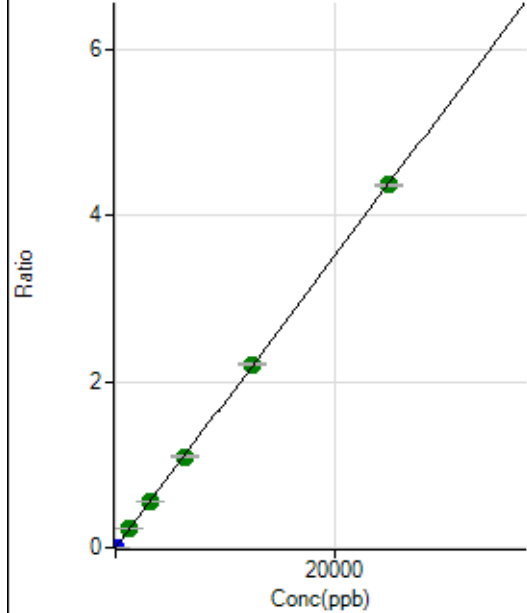
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			886.70		P	6.2
2	☐			981.16		P	4.4
3	☐			910.04		P	6.5
4	☐			972.26		P	7.5
5	☐			887.81		P	4.4
6	☐			851.15		P	5.7
7	☐			805.59		P	8.2
8	☐			795.59		P	7.8
9	☐			842.26		P	8.5

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1652.92	0.0001	P	8.7
2	☐	0.100	0.035	1791.82	0.0001	P	3.3
3	☐	1.000	0.977	4884.25	0.0003	P	3.5
4	☐	1250.000	1271.513	4185597.27	0.2231	A	0.7
5	☐	3125.000	3168.618	10272092.59	0.5559	A	0.4
6	☐	6250.000	6229.213	19690912.07	1.0928	A	1.7
7	☐	12500.000	12620.432	37807492.86	2.2139	A	1.2
8	☐	25000.000	24938.453	73005878.02	4.3746	A	0.3
9	☐			227301.65	0.0141	P	1.1

$$y = 1.7541\text{E-}004 * x + 8.8199\text{E-}005$$

$$R = 1.0000$$

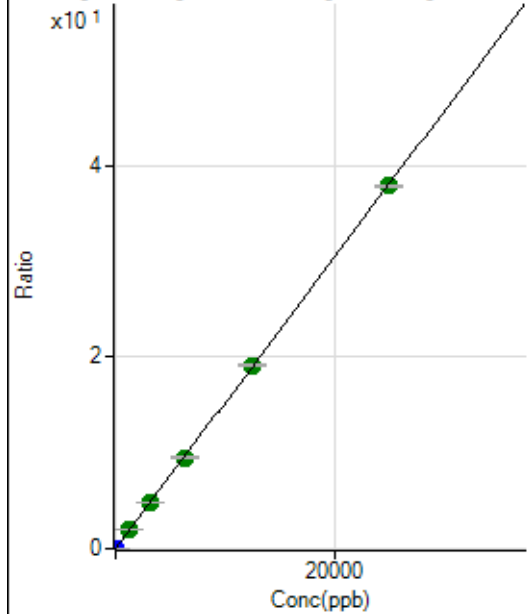
$$DL = 0.1305$$

$$BEC = 0.5028$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	763.93	0.0000	P	14.8
2	☐	0.100	0.098	3600.55	0.0002	P	5.2
3	☐	1.000	0.976	28689.86	0.0015	P	3.1
4	☐	1250.000	1261.440	35976246.29	1.9177	A	0.7
5	☐	3125.000	3170.767	89074154.77	4.8204	A	1.1
6	☐	6250.000	6245.549	171091407.9	9.4948	A	1.7
7	☐	12500.000	12620.154	327655385.1	19.1858	A	1.0
8	☐	25000.000	24934.743	632607408.5	37.9071	A	0.6
9	☐			1990222.09	0.1233	A	1.0

$$y = 0.0015 * x + 4.0744\text{E-}005$$

$$R = 1.0000$$

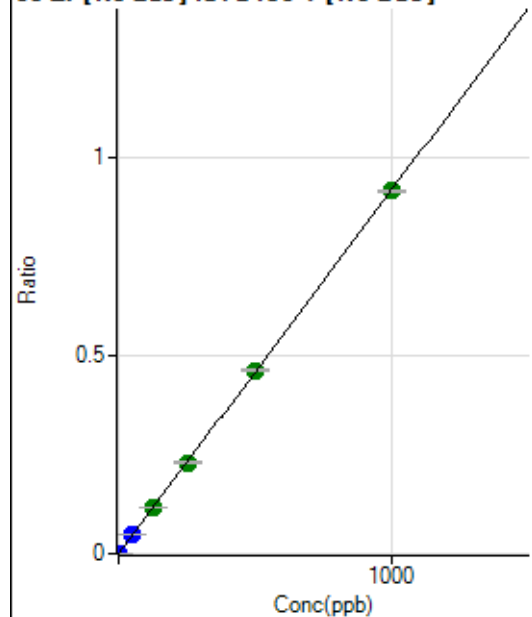
$$DL = 0.01187$$

$$BEC = 0.0268$$

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	1027.84	0.0001	P	10.2
2	☐	0.100	0.095	2705.87	0.0001	P	0.6
3	☐	1.000	0.961	17630.48	0.0009	P	0.5
4	☐	50.000	50.813	875889.65	0.0467	P	1.2
5	☐	125.000	127.352	2160854.76	0.1169	A	0.1
6	☐	250.000	249.815	4132813.59	0.2293	A	1.3
7	☐	500.000	503.709	7896819.97	0.4624	A	0.7
8	☐	1000.000	997.857	15284886.28	0.9159	A	0.2
9	☐			52856.91	0.0033	P	1.8

$$y = 9.1782\text{E-}004 * x + 5.4855\text{E-}005$$

$$R = 1.0000$$

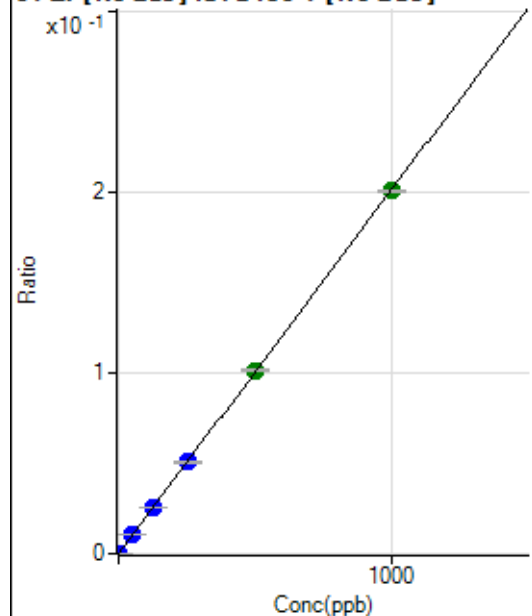
$$DL = 0.01831$$

$$BEC = 0.05977$$

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	208.34	0.0000	P	10.0
2	☐	0.100	0.094	569.47	0.0000	P	16.0
3	☐	1.000	0.972	3897.83	0.0002	P	3.2
4	☐	50.000	50.870	192573.94	0.0103	P	1.0
5	☐	125.000	127.987	476943.43	0.0258	P	0.2
6	☐	250.000	251.183	912575.23	0.0506	P	1.5
7	☐	500.000	504.502	1737075.43	0.1017	A	0.3
8	☐	1000.000	997.036	3354211.41	0.2010	A	0.4
9	☐			11724.39	0.0007	P	1.4

$$y = 2.0158\text{E-}004 * x + 1.1119\text{E-}005$$

$$R = 1.0000$$

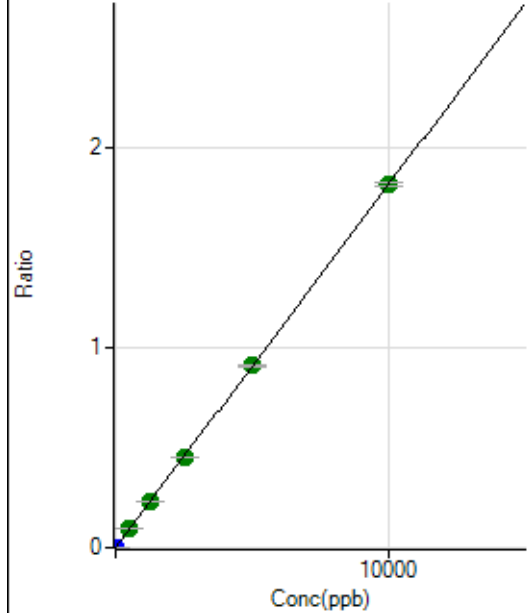
$$DL = 0.01647$$

$$BEC = 0.05516$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.68	0.0000	P	10.6
2	☐	0.500	0.536	2241.91	0.0001	P	5.5
3	☐	5.000	5.895	20500.95	0.0011	P	1.4
4	☐	500.000	513.865	1747686.26	0.0932	A	0.6
5	☐	1250.000	1266.349	4241780.35	0.2296	A	0.2
6	☐	2500.000	2479.830	8100276.83	0.4495	A	0.7
7	☐	5000.000	5014.454	15523666.84	0.9089	A	0.5
8	☐	10000.000	9995.078	30233538.52	1.8117	A	0.9
9	☐			95380.16	0.0059	P	0.3

$$y = 1.8126E-004 * x + 2.0925E-005$$

$$R = 1.0000$$

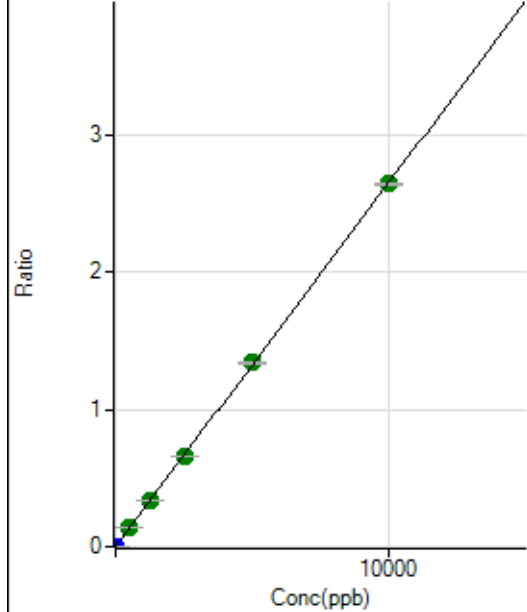
$$DL = 0.03656$$

$$BEC = 0.1154$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	20.3
2	☐	0.500	0.463	2461.37	0.0001	P	5.9
3	☐	5.000	5.056	25333.53	0.0013	P	0.8
4	☐	500.000	515.604	2562156.05	0.1366	A	1.8
5	☐	1250.000	1274.615	6239007.17	0.3376	A	0.7
6	☐	2500.000	2478.664	11832331.43	0.6566	A	0.1
7	☐	5000.000	5050.897	22850482.80	1.3379	A	0.3
8	☐	10000.000	9976.028	44099137.10	2.6426	A	0.9
9	☐			132627.90	0.0082	P	0.4

$$y = 2.6489E-004 * x + 6.9790E-006$$

$$R = 1.0000$$

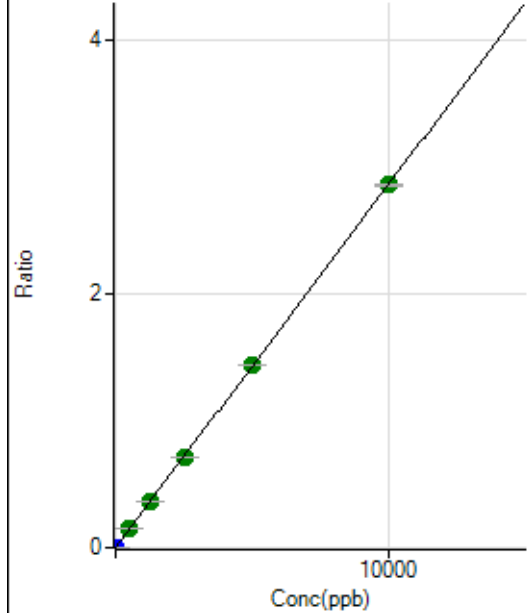
$$DL = 0.01607$$

$$BEC = 0.02635$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0000	P	14.7
2	☐	0.500	0.506	2992.05	0.0002	P	5.9
3	☐	5.000	5.151	27949.47	0.0015	P	1.2
4	☐	500.000	509.900	2734162.58	0.1458	A	1.8
5	☐	1250.000	1266.435	6688818.51	0.3620	A	0.6
6	☐	2500.000	2479.263	12770472.24	0.7086	A	0.4
7	☐	5000.000	5023.068	24520208.19	1.4357	A	0.2
8	☐	10000.000	9991.101	47657061.48	2.8557	A	0.2
9	☐			150222.53	0.0093	P	0.5

$$y = 2.8582E-004 * x + 1.2899E-005$$

$$R = 1.0000$$

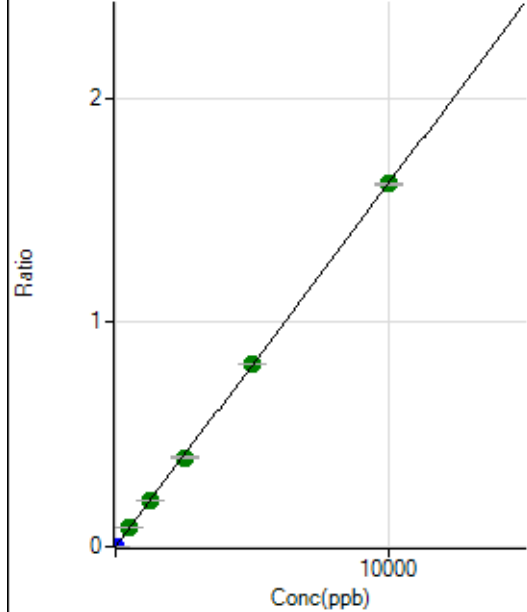
$$DL = 0.01996$$

$$BEC = 0.04513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	25.2
2	☐	0.500	0.470	1511.23	0.0001	P	9.8
3	☐	5.000	5.056	15461.25	0.0008	P	1.9
4	☐	500.000	509.282	1545961.54	0.0824	A	0.6
5	☐	1250.000	1273.210	3807019.96	0.2060	A	0.2
6	☐	2500.000	2460.475	7174623.60	0.3981	A	0.9
7	☐	5000.000	5026.727	13891722.53	0.8134	A	0.4
8	☐	10000.000	9993.152	26986005.81	1.6170	A	0.2
9	☐			82310.01	0.0051	P	0.9

$$y = 1.6181E-004 * x + 3.5601E-006$$

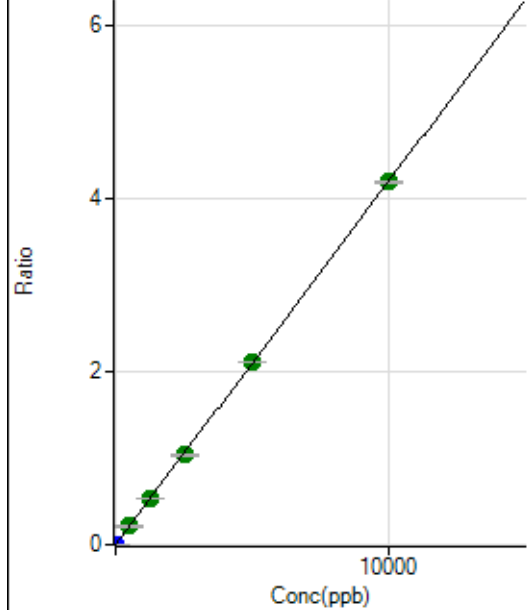
$$R = 1.0000$$

$$DL = 0.01665$$

$$BEC = 0.022$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	250.01	0.0000	P	33.5
2	☐	0.500	0.444	3795.04	0.0002	P	4.8
3	☐	5.000	5.031	39935.64	0.0021	P	2.3
4	☐	500.000	507.475	3990595.23	0.2127	A	1.9
5	☐	1250.000	1270.286	9839595.44	0.5325	A	0.9
6	☐	2500.000	2473.961	18686672.64	1.0370	A	1.4
7	☐	5000.000	5024.759	35971638.65	2.1063	A	0.5
8	☐	10000.000	9991.221	69893696.70	4.1881	A	0.6
9	☐			211625.14	0.0131	P	1.3

$$y = 4.1918\text{E-}004 * x + 1.3371\text{E-}005$$

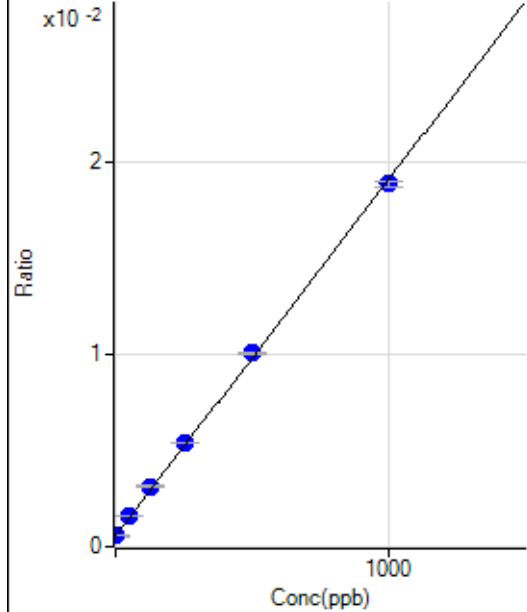
$$R = 1.0000$$

$$DL = 0.03207$$

$$BEC = 0.0319$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7843.97	0.0006	P	3.8
2	☐	0.100	0.717	8163.60	0.0006	P	1.8
3	☐	1.000	1.664	8316.49	0.0006	P	1.4
4	☐	50.000	57.600	23085.55	0.0016	P	1.6
5	☐	125.000	138.821	44357.61	0.0031	P	1.3
6	☐	250.000	261.914	75965.63	0.0054	P	1.1
7	☐	500.000	513.262	137495.41	0.0100	P	0.9
8	☐	1000.000	988.282	256812.57	0.0188	P	1.3
9	☐			7554.95	0.0006	P	3.4

$$y = 1.8495\text{E-}005 * x + 5.5721\text{E-}004$$

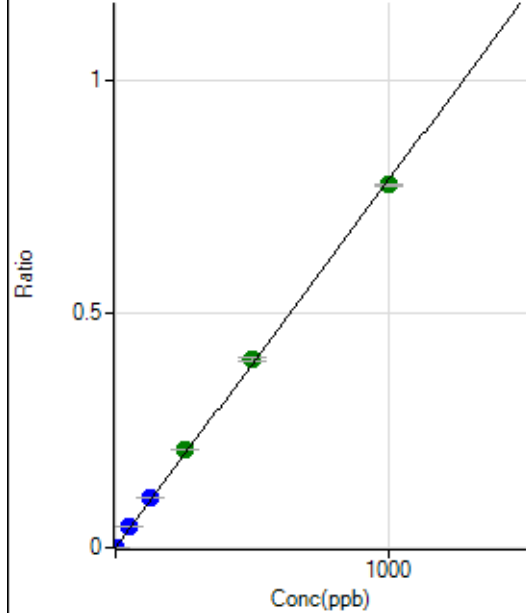
$$R = 0.9997$$

$$DL = 3.394$$

$$BEC = 30.13$$

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	102.78	0.0000	P	19.1
2	☒	0.100					
3	☐	1.000	0.839	9425.58	0.0007	P	15.3
4	☐	50.000	55.407	619985.74	0.0436	P	0.7
5	☐	125.000	137.736	1537471.31	0.1083	P	0.4
6	☐	250.000	267.475	2958049.15	0.2103	A	0.2
7	☐	500.000	512.770	5515377.81	0.4032	A	2.1
8	☐	1000.000	987.384	10585075.76	0.7764	A	0.5
9	☐			33673.12	0.0026	P	2.8

$$y = 7.8626E-004 * x + 7.3049E-006$$

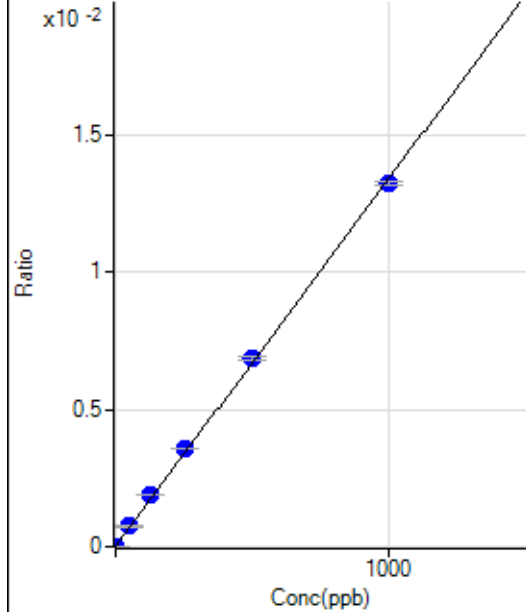
$$R = 0.9997$$

$$DL = 0.005312$$

$$BEC = 0.009291$$

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	77.78	0.0000	P	8.7
2	☐	0.100	0.146	106.95	0.0000	P	27.2
3	☐	1.000	1.049	276.40	0.0000	P	11.5
4	☐	50.000	55.143	10562.30	0.0007	P	2.7
5	☐	125.000	140.508	26735.84	0.0019	P	1.4
6	☐	250.000	266.546	50175.40	0.0036	P	1.8
7	☐	500.000	513.566	93962.58	0.0069	P	1.6
8	☐	1000.000	986.885	179891.38	0.0132	P	0.9
9	☐			593.08	0.0000	P	10.2

$$y = 1.3364E-005 * x + 5.5272E-006$$

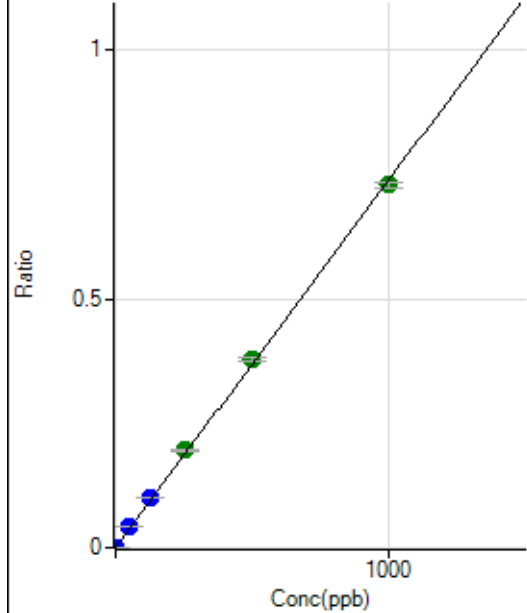
$$R = 0.9996$$

$$DL = 0.1074$$

$$BEC = 0.4136$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	43.6
2	☐	0.100	0.062	686.15	0.0000	P	8.5
3	☐	1.000	0.871	9122.59	0.0006	P	12.6
4	☐	50.000	55.731	584994.10	0.0411	P	1.3
5	☐	125.000	137.643	1441363.64	0.1015	P	1.4
6	☐	250.000	264.973	2748909.83	0.1955	A	1.4
7	☐	500.000	512.697	5173641.31	0.3782	A	1.3
8	☐	1000.000	988.041	9936896.75	0.7288	A	1.5
9	☐			31033.94	0.0024	P	2.3

$$y = 7.3761E-004 * x + 2.3703E-006$$

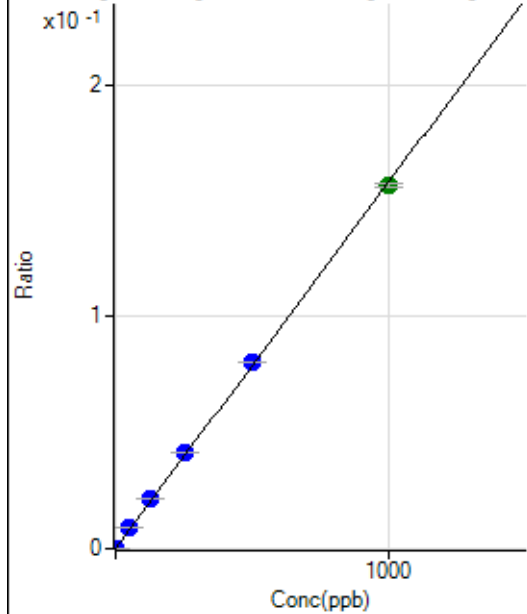
$$R = 0.9997$$

$$DL = 0.004208$$

$$BEC = 0.003213$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741.07	0.0001	P	4.9
2	☐	0.100	0.107	995.67	0.0001	P	4.1
3	☐	1.000	1.188	3395.41	0.0002	P	5.5
4	☐	50.000	55.467	125284.45	0.0088	P	0.3
5	☐	125.000	136.817	307208.09	0.0216	P	1.6
6	☐	250.000	262.561	583465.13	0.0415	P	0.7
7	☐	500.000	509.641	1100940.27	0.0805	P	0.6
8	☐	1000.000	990.288	2131272.90	0.1563	A	1.2
9	☐			6887.73	0.0005	P	4.1

$$y = 1.5779E-004 * x + 5.2642E-005$$

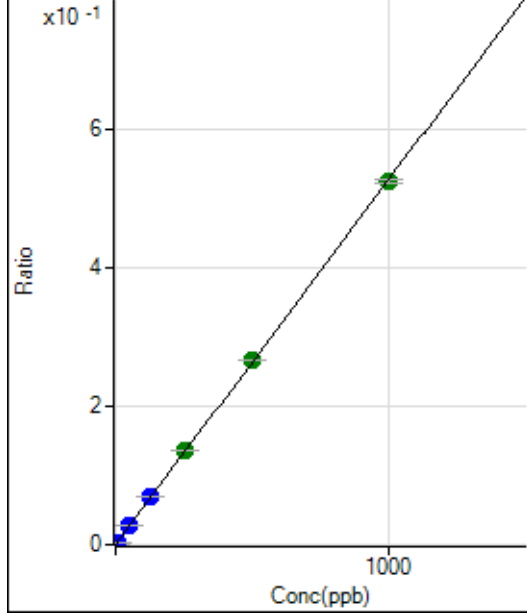
$$R = 0.9998$$

$$DL = 0.04882$$

$$BEC = 0.3336$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4109.06	0.0003	P	3.3
2	☐	0.500	0.569	8455.52	0.0006	P	4.9
3	☐	5.000	5.342	43831.16	0.0031	P	1.4
4	☐	50.000	52.876	399525.43	0.0281	P	0.7
5	☐	125.000	132.497	992510.99	0.0699	P	1.3
6	☐	250.000	255.925	1895689.15	0.1348	A	0.1
7	☐	500.000	505.633	3639263.32	0.2660	A	0.6
8	☐	1000.000	994.619	7130427.59	0.5230	A	1.0
9	☐			28356.37	0.0022	P	0.5

$$y = 5.2550\text{E-}004 * x + 2.9190\text{E-}004$$

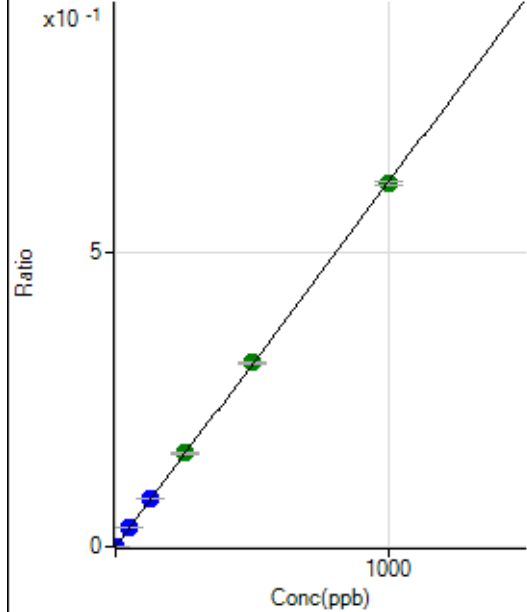
$$R = 0.9999$$

$$DL = 0.05511$$

$$BEC = 0.5555$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	8.1
2	☐	0.200	0.170	1616.80	0.0001	P	10.9
3	☐	2.000	2.036	17922.66	0.0013	P	2.2
4	☐	50.000	52.215	459679.17	0.0323	P	0.7
5	☐	125.000	130.824	1148856.25	0.0809	P	0.6
6	☐	250.000	257.398	2239490.30	0.1592	A	1.4
7	☐	500.000	504.388	4268284.95	0.3120	A	1.1
8	☐	1000.000	995.118	8392374.06	0.6155	A	1.2
9	☐			32103.07	0.0025	P	2.4

$$y = 6.1855\text{E-}004 * x + 7.6988\text{E-}006$$

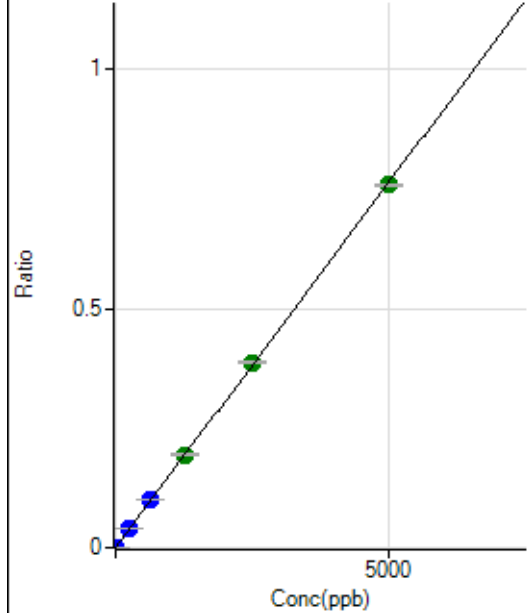
$$R = 0.9999$$

$$DL = 0.003043$$

$$BEC = 0.01245$$

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	25.00	0.0000	P	58.0
2	☐	1.000	0.940	2077.98	0.0001	P	2.5
3	☐	10.000	10.055	21731.03	0.0015	P	2.8
4	☐	250.000	256.917	557989.99	0.0392	P	0.6
5	☐	625.000	648.647	1405449.02	0.0990	P	0.6
6	☐	1250.000	1274.689	2736337.28	0.1946	A	1.3
7	☐	2500.000	2537.897	5299260.84	0.3874	A	1.1
8	☐	5000.000	4971.578	10345962.04	0.7588	A	0.6
9	☐			34523.14	0.0026	P	1.4

$$y = 1.5263\text{E-}004 * x + 1.7793\text{E-}006$$

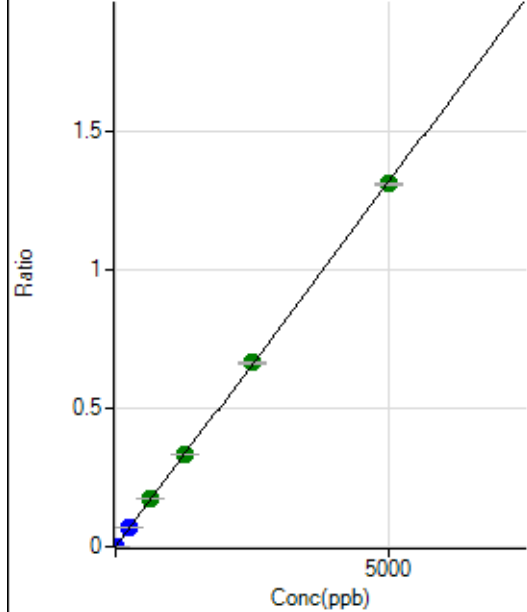
$$R = 0.9999$$

$$DL = 0.02027$$

$$BEC = 0.01166$$

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	58.34	0.0000	P	14.4
2	☐	1.000	0.981	3764.50	0.0003	P	2.7
3	☐	10.000	10.051	37564.06	0.0027	P	0.1
4	☐	250.000	260.554	978072.41	0.0687	P	1.6
5	☐	625.000	659.054	2468468.48	0.1739	A	0.9
6	☐	1250.000	1274.428	4728973.63	0.3362	A	0.5
7	☐	2500.000	2526.414	9118493.17	0.6665	A	1.1
8	☐	5000.000	4975.901	17898608.56	1.3128	A	0.3
9	☐			59341.39	0.0045	P	1.6

$$y = 2.6382\text{E-}004 * x + 4.1449\text{E-}006$$

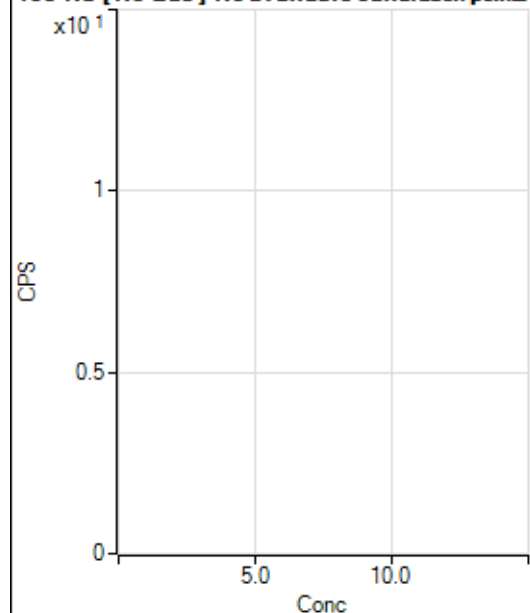
$$R = 0.9999$$

$$DL = 0.006788$$

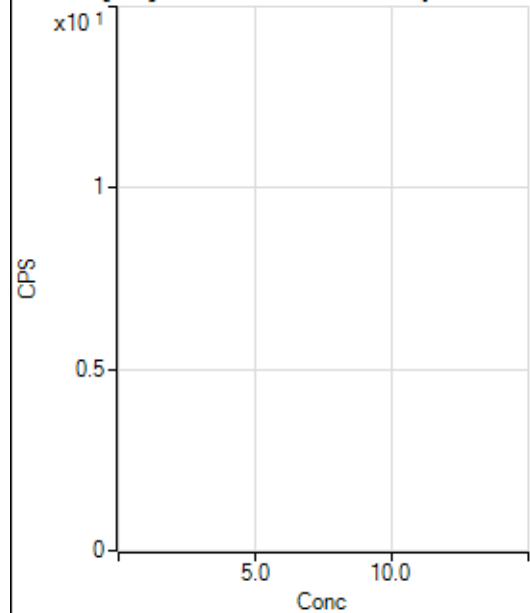
$$BEC = 0.01571$$

Weight: <None>

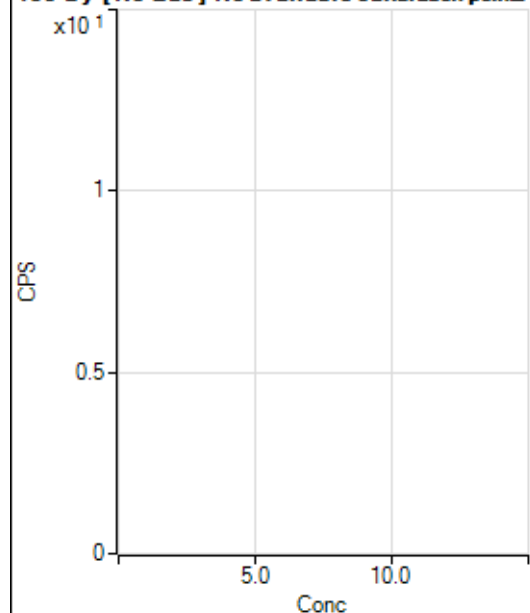
Min Conc: 0

150 Nd [No Gas] No available calibration points

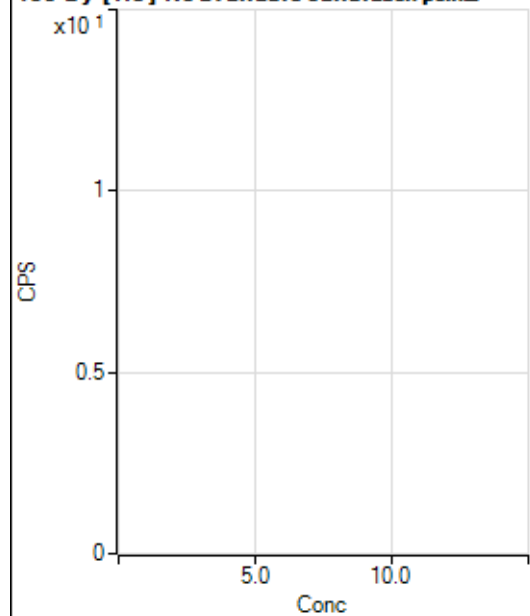
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			13.33		P	50.0
3	☐			11.11		P	34.6
4	☐			66.67		P	36.1
5	☐			104.45		P	14.7
6	☐			277.79		P	14.5
7	☐			384.46		P	7.0
8	☐			875.60		P	5.0
9	☐			95.56		P	26.4

150 Nd [He] No available calibration points

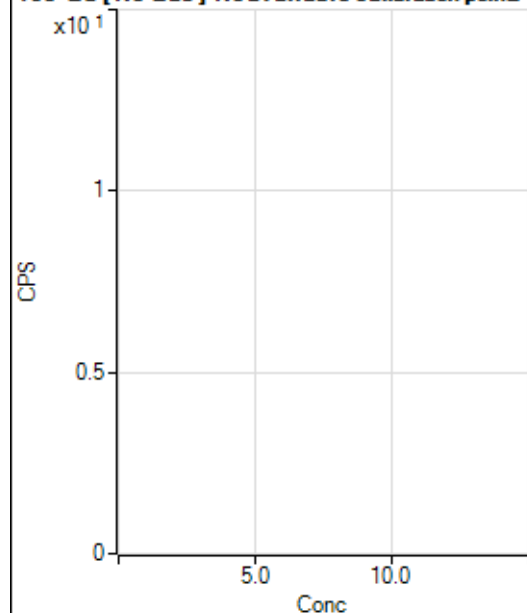
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			3.33		P	100.
4	☐			16.67		P	34.6
5	☐			25.55		P	52.7
6	☐			48.89		P	14.2
7	☐			76.67		P	17.4
8	☐			178.89		P	5.4
9	☐			38.89		P	32.4

156 Dy [No Gas] No available calibration points

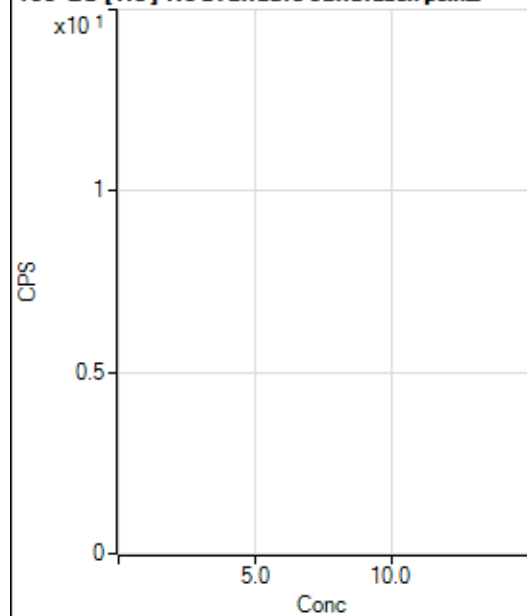
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			13.89		P	69.3
3	☐			16.66		P	86.6
4	☐			22.22		P	108.
5	☐			77.78		P	37.6
6	☐			102.78		P	16.9
7	☐			205.56		P	9.4
8	☐			430.57		P	24.2
9	☐			1191.76		P	4.3

156 Dy [He] No available calibration points

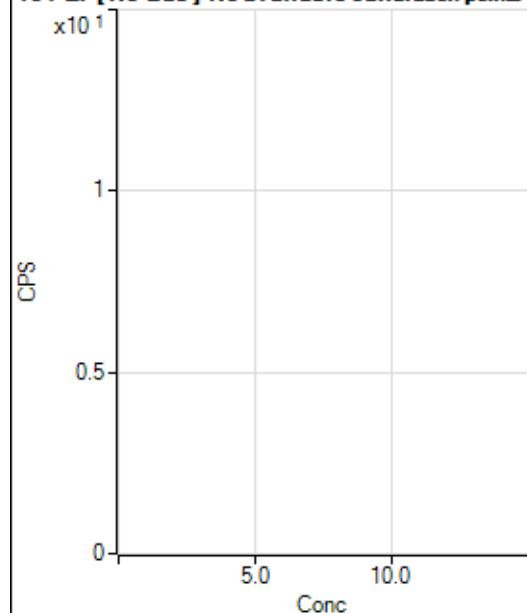
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			5.56		P	34.7
3	☐			4.44		P	114.
4	☐			25.55		P	52.7
5	☐			78.89		P	2.4
6	☐			134.45		P	6.2
7	☐			261.12		P	13.1
8	☐			547.80		P	8.4
9	☐			720.03		P	1.2

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

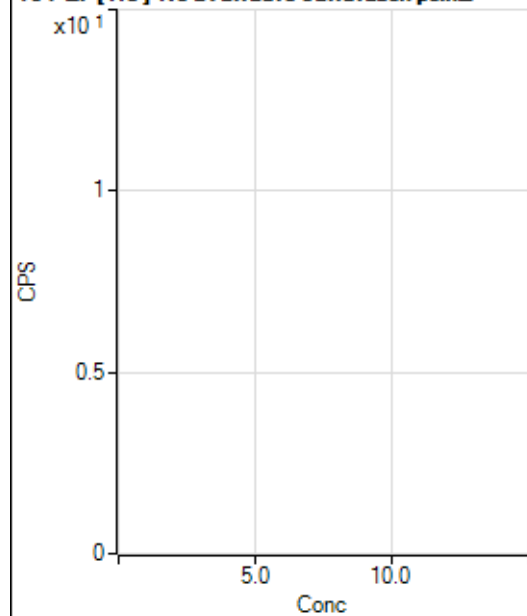
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	36.1
2	☐			113.89		P	49.8
3	☐			97.23		P	24.7
4	☐			102.78		P	33.8
5	☐			122.23		P	61.1
6	☐			144.45		P	12.0
7	☐			188.90		P	28.7
8	☐			208.34		P	25.0
9	☐			761.15		P	1.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			372.23		P	6.7
2	☐			372.23		P	6.4
3	☐			363.34		P	5.6
4	☐			385.56		P	3.5
5	☐			375.56		P	3.6
6	☐			398.90		P	8.7
7	☐			370.01		P	5.4
8	☐			436.68		P	10.1
9	☐			891.15		P	6.6

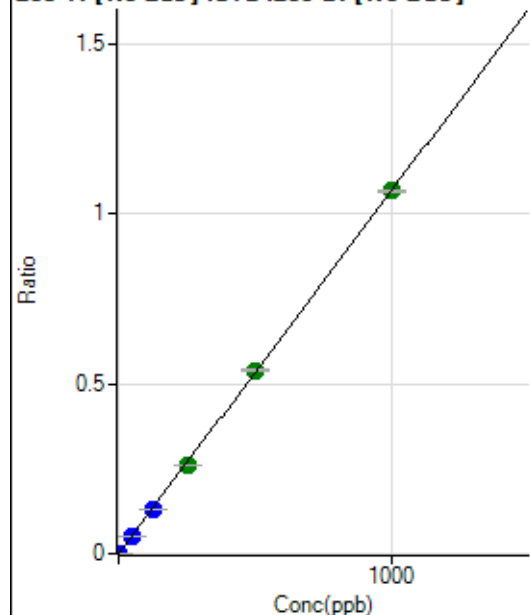
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	11.9
2	☐			83.33		P	17.3
3	☐			86.11		P	56.7
4	☐			133.34		P	21.7
5	☐			111.11		P	8.7
6	☐			108.33		P	40.7
7	☐			127.78		P	10.0
8	☐			186.12		P	18.1
9	☐			150.01		P	14.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	38.9
2	☐			64.44		P	13.0
3	☐			60.00		P	14.7
4	☐			57.78		P	3.3
5	☐			43.33		P	13.3
6	☐			81.11		P	28.0
7	☐			65.55		P	20.5
8	☐			97.78		P	25.8
9	☐			113.34		P	5.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	366.68	0.0000	P	3.3
2	☐	0.100	0.089	1200.08	0.0001	P	13.4
3	☐	1.000	0.924	9069.91	0.0010	P	3.5
4	☐	50.000	47.504	451988.13	0.0507	P	0.9
5	☐	125.000	119.870	1141608.85	0.1280	P	1.1
6	☐	250.000	244.238	2344038.33	0.2607	A	0.1
7	☐	500.000	504.726	4645406.83	0.5388	A	1.3
8	☐	1000.000	999.844	9145935.10	1.0672	A	0.5
9	☐			27202.67	0.0036	P	1.0

$$y = 0.0011 * x + 4.1554E-005$$

$$R = 1.0000$$

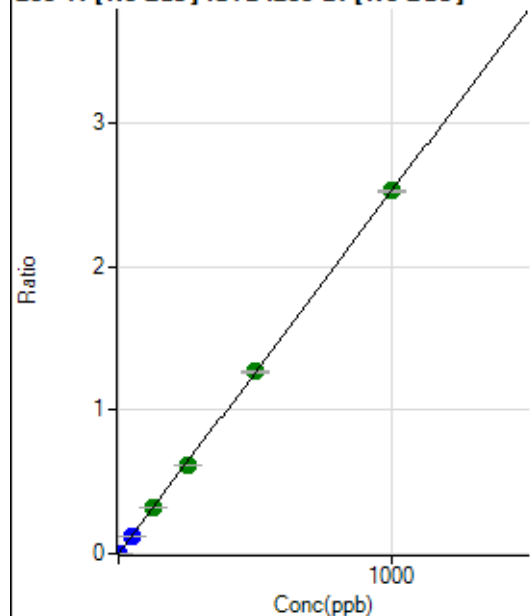
$$DL = 0.003912$$

$$BEC = 0.03893$$

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	950.06	0.0001	P	3.1
2	☐	0.100	0.087	2883.73	0.0003	P	2.7
3	☐	1.000	0.911	21233.72	0.0024	P	0.7
4	☐	50.000	47.796	1075665.32	0.1208	P	1.6
5	☐	125.000	125.710	2831924.91	0.3175	A	0.9
6	☐	250.000	245.019	5562260.41	0.6187	A	0.5
7	☐	500.000	501.330	10914836.96	1.2658	A	1.0
8	☐	1000.000	1000.602	21649226.35	2.5264	A	0.5
9	☐			64771.01	0.0086	P	1.3

$$y = 0.0025 * x + 1.0768E-004$$

$$R = 1.0000$$

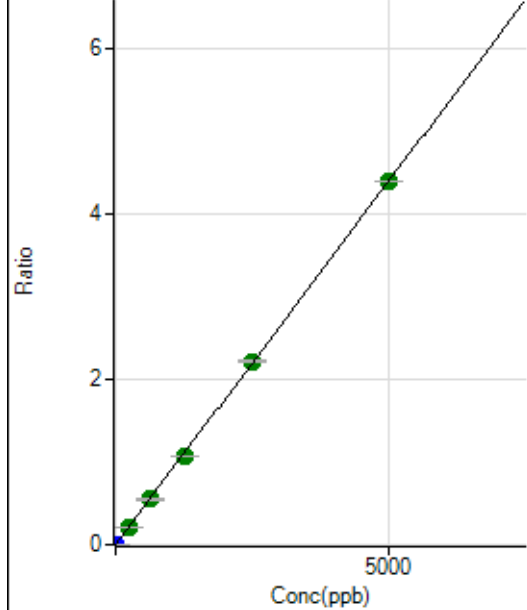
$$DL = 0.003943$$

$$BEC = 0.04265$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	401.87	0.0000	P	14.0
2	☐	0.100	0.094	1127.84	0.0001	P	5.2
3	☐	1.000	0.902	7394.70	0.0008	P	2.2
4	☐	250.000	249.034	1949060.88	0.2188	A	1.3
5	☐	625.000	622.621	4879543.92	0.5471	A	1.4
6	☐	1250.000	1225.270	9677993.39	1.0765	A	0.8
7	☐	2500.000	2522.810	19112169.64	2.2165	A	1.4
8	☐	5000.000	4995.123	37608957.32	4.3887	A	0.1
9	☐			104106.49	0.0138	P	0.9

$$y = 8.7858E-004 * x + 4.5589E-005$$

$$R = 1.0000$$

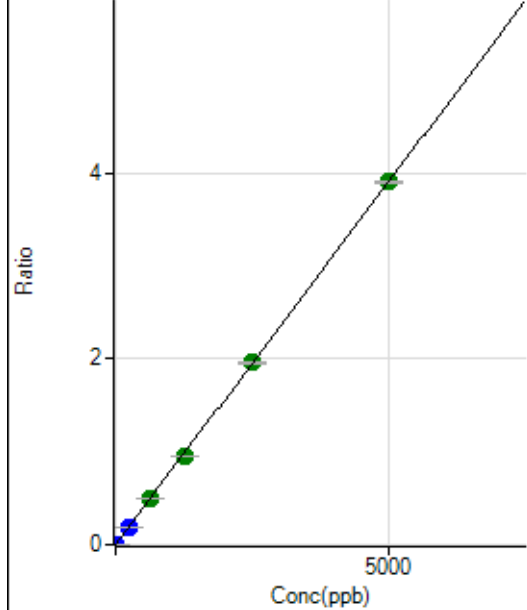
$$DL = 0.02186$$

$$BEC = 0.05189$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	370.38	0.0000	P	8.9
2	☐	0.100	0.098	1044.50	0.0001	P	13.7
3	☐	1.000	0.921	6716.61	0.0008	P	2.0
4	☐	250.000	232.420	1617429.77	0.1816	P	0.8
5	☐	625.000	624.169	4349653.54	0.4876	A	0.2
6	☐	1250.000	1223.925	8595780.46	0.9561	A	0.5
7	☐	2500.000	2512.595	16925154.55	1.9628	A	0.9
8	☐	5000.000	5001.204	33480171.35	3.9069	A	0.8
9	☐			91488.91	0.0121	P	1.4

$$y = 7.8118E-004 * x + 4.1996E-005$$

$$R = 1.0000$$

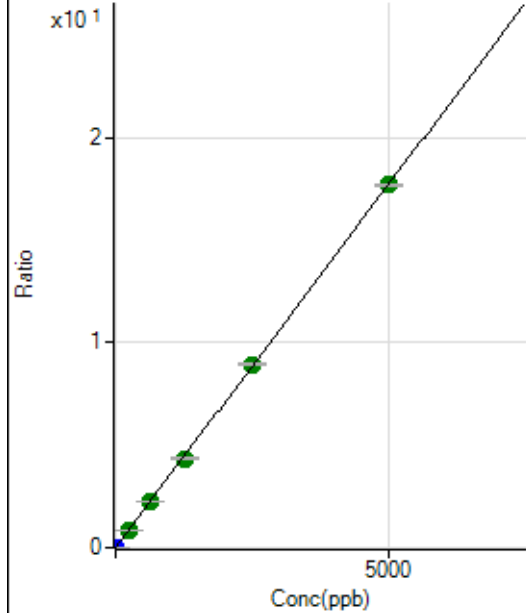
$$DL = 0.01443$$

$$BEC = 0.05376$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1620.44	0.0002	P	5.7
2	☐	0.100	0.093	4524.45	0.0005	P	2.6
3	☐	1.000	0.918	30304.52	0.0034	P	0.3
4	☐	250.000	244.862	7726426.04	0.8675	A	0.5
5	☐	625.000	625.895	19776349.08	2.2171	A	0.6
6	☐	1250.000	1229.653	39157302.09	4.3557	A	0.6
7	☐	2500.000	2520.064	76968744.55	8.9264	A	0.9
8	☐	5000.000	4995.200	151626135.1	17.6934	A	0.5
9	☐			416003.17	0.0550	P	0.8

$$y = 0.0035 * x + 1.8372E-004$$

$$R = 1.0000$$

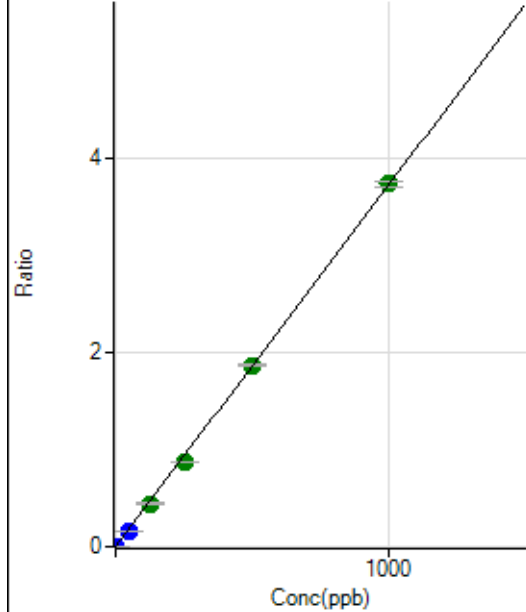
$$DL = 0.008926$$

$$BEC = 0.05187$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	32.0
2	☐	0.100	0.079	2708.70	0.0003	P	5.9
3	☐	1.000	0.855	28241.49	0.0032	P	1.9
4	☐	50.000	43.555	1445711.40	0.1623	P	0.8
5	☐	125.000	119.626	3976285.12	0.4458	A	1.6
6	☐	250.000	235.081	7875582.47	0.8760	A	0.3
7	☐	500.000	502.360	16142528.83	1.8720	A	0.4
8	☐	1000.000	1003.544	32048850.72	3.7396	A	1.6
9	☐			83388.70	0.0110	P	1.4

$$y = 0.0037 * x + 1.3244E-005$$

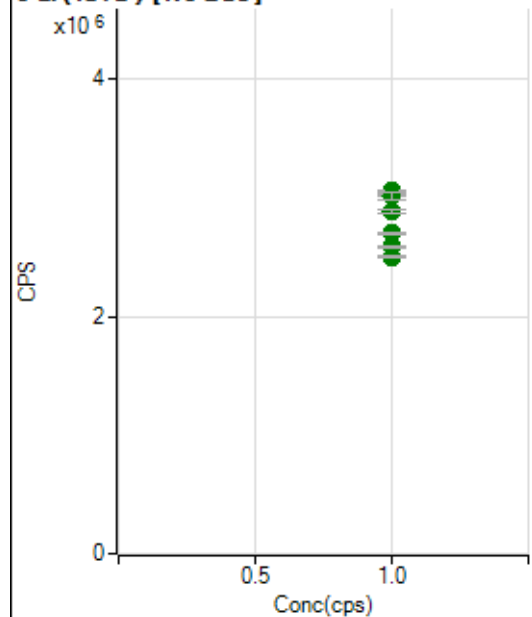
$$R = 0.9999$$

$$DL = 0.003415$$

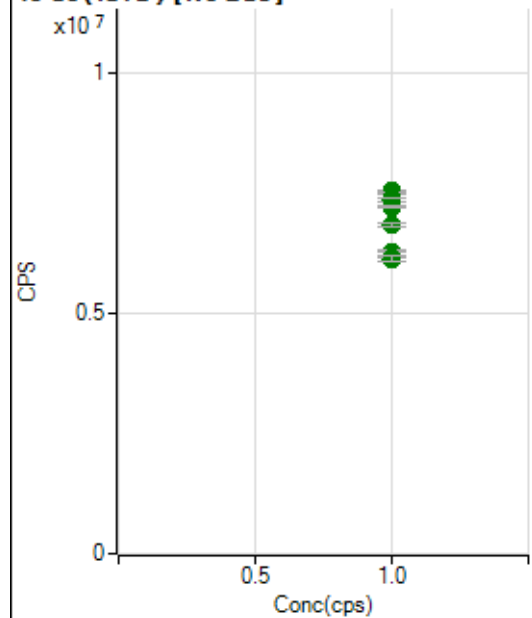
$$BEC = 0.003554$$

Weight: <None>

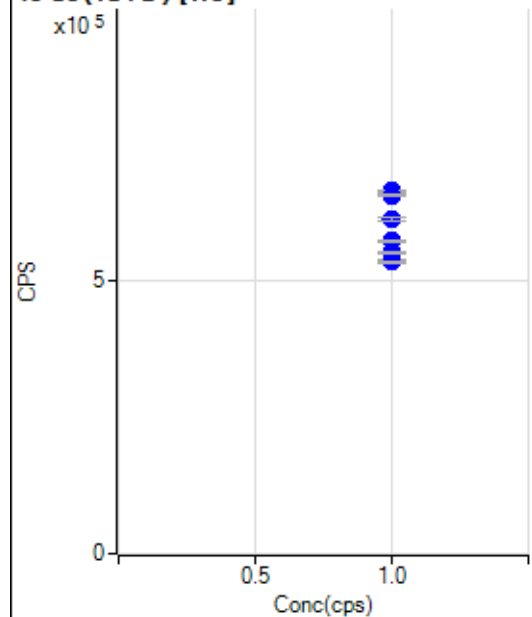
Min Conc: 0

6 Li (ISTD) [No Gas]

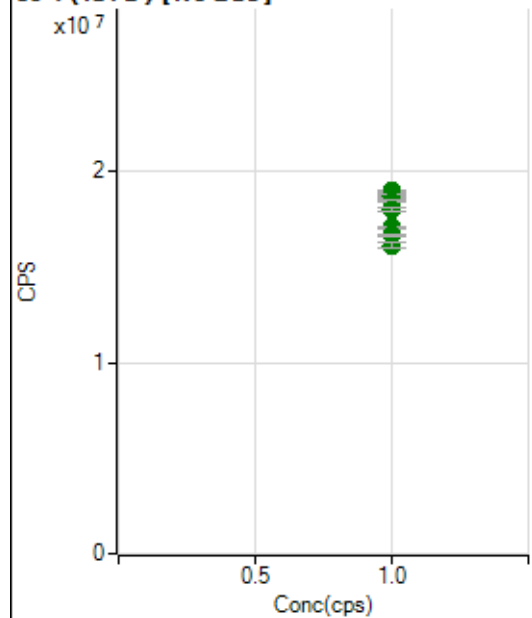
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3048022.28		A	0.8
2	☐	1.000		3038404.64		A	1.4
3	☐	1.000		3055789.92		A	0.2
4	☐	1.000		3042675.93		A	1.2
5	☐	1.000		3011508.95		A	1.9
6	☐	1.000		2885255.17		A	1.3
7	☐	1.000		2699295.83		A	0.5
8	☐	1.000		2586209.55		A	0.3
9	☐	1.000		2500586.87		A	0.7

45 Sc (ISTD) [No Gas]

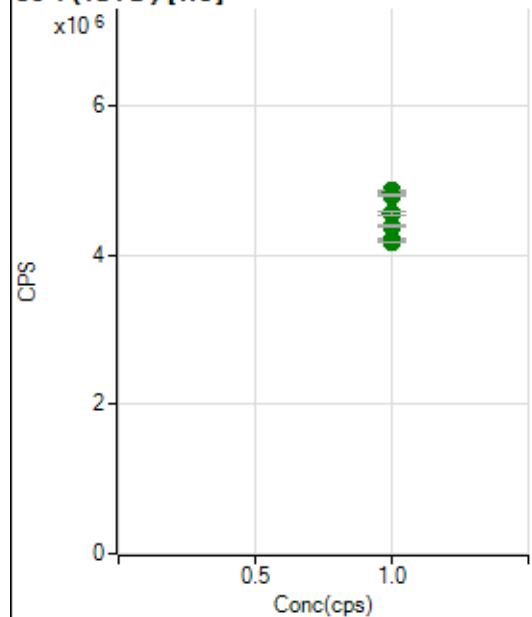
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7376969.47		A	0.9
2	☐	1.000		7548935.23		A	0.5
3	☐	1.000		7504151.14		A	0.5
4	☐	1.000		7412826.70		A	0.1
5	☐	1.000		7209231.21		A	0.7
6	☐	1.000		6838271.42		A	1.2
7	☐	1.000		6298055.05		A	0.3
8	☐	1.000		6159194.98		A	0.4
9	☐	1.000		6134871.37		A	1.7

45 Sc (ISTD) [He]

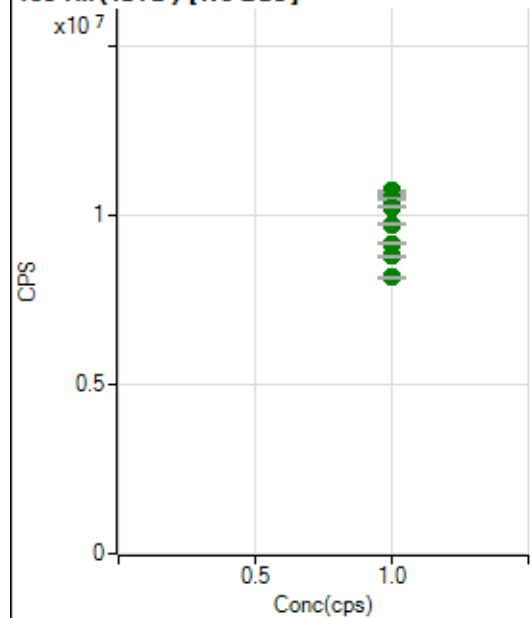
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		661060.02		P	0.5
2	☐	1.000		664243.85		P	0.3
3	☐	1.000		664075.43		P	0.3
4	☐	1.000		655662.33		P	0.7
5	☐	1.000		614186.93		P	1.2
6	☐	1.000		573323.31		P	0.7
7	☐	1.000		535834.10		P	0.6
8	☐	1.000		534599.96		P	0.8
9	☐	1.000		551482.55		P	0.2

89 Y (ISTD) [No Gas]

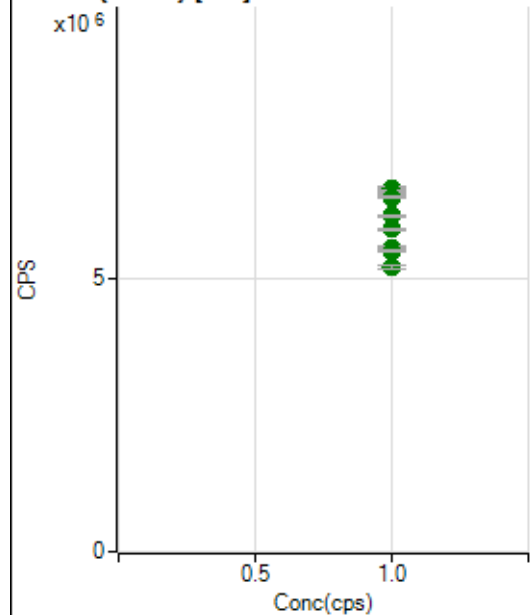
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18730101.25		A	1.1
2	☐	1.000		19002366.38		A	0.9
3	☐	1.000		18818707.78		A	1.0
4	☐	1.000		18759384.86		A	0.9
5	☐	1.000		18478170.00		A	0.3
6	☐	1.000		18020985.98		A	1.1
7	☐	1.000		17078583.49		A	0.7
8	☐	1.000		16688291.83		A	0.8
9	☐	1.000		16141066.57		A	1.9

89 Y(ISTD) [He]

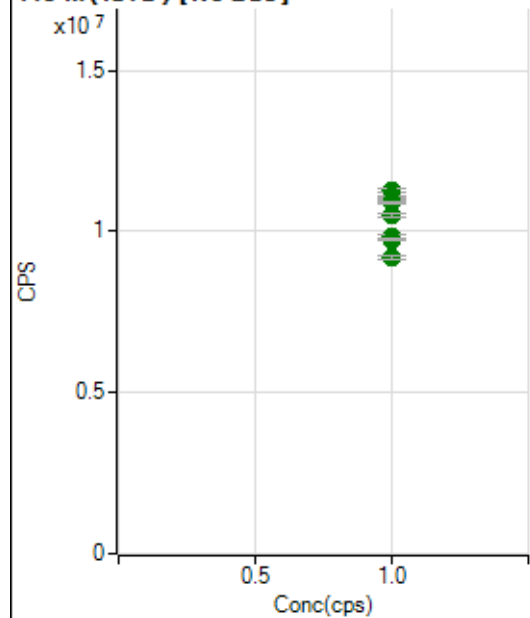
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4849573.23		A	0.8
2	☐	1.000		4867375.00		A	0.5
3	☐	1.000		4849926.42		A	1.0
4	☐	1.000		4806633.82		A	0.6
5	☐	1.000		4567939.90		A	0.8
6	☐	1.000		4393763.90		A	0.6
7	☐	1.000		4214648.34		A	0.5
8	☐	1.000		4203568.41		A	0.6
9	☐	1.000		4178305.70		A	0.5

103 Rh(ISTD) [No Gas]

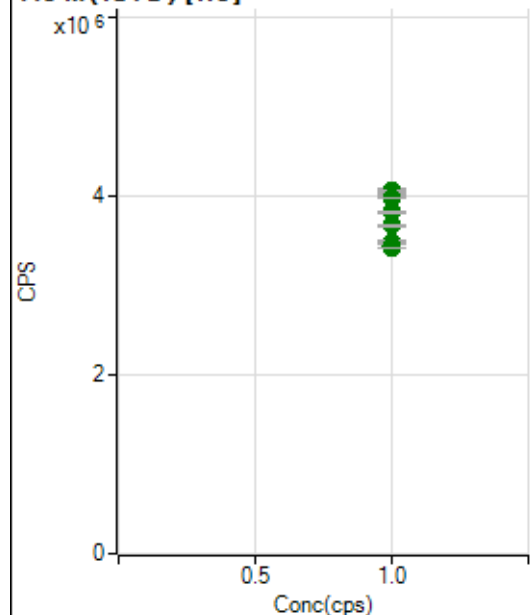
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10528719.36		A	1.2
2	☐	1.000		10723948.38		A	0.3
3	☐	1.000		10646147.83		A	0.3
4	☐	1.000		10491681.65		A	0.4
5	☐	1.000		10252391.37		A	0.7
6	☐	1.000		9729234.58		A	0.5
7	☐	1.000		9163414.17		A	0.4
8	☐	1.000		8792752.65		A	0.9
9	☐	1.000		8181198.42		A	0.6

103 Rh (ISTD) [He]

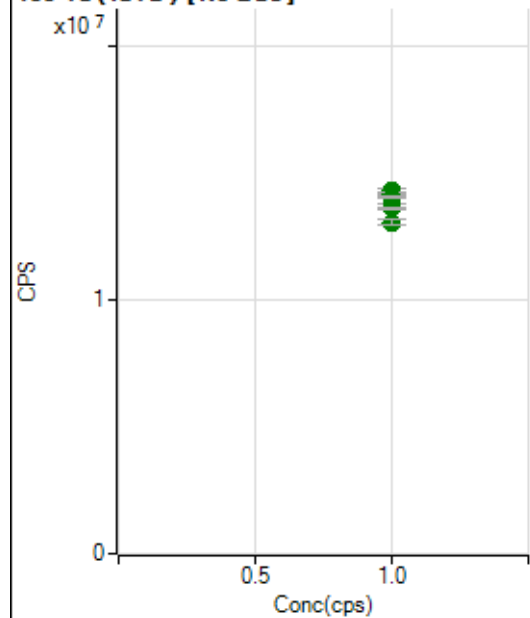
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6598569.14		A	2.0
2	☐	1.000		6634641.78		A	1.4
3	☐	1.000		6592311.36		A	1.0
4	☐	1.000		6485304.56		A	1.0
5	☐	1.000		6142726.57		A	0.6
6	☐	1.000		5895108.32		A	1.0
7	☐	1.000		5565402.56		A	0.5
8	☐	1.000		5497170.12		A	0.3
9	☐	1.000		5200636.28		A	1.0

115 In (ISTD) [No Gas]

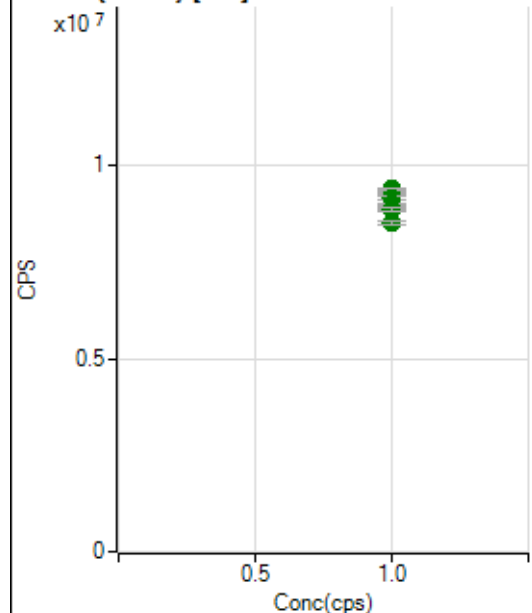
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11047134.22		A	0.9
2	☐	1.000		11252751.28		A	0.9
3	☐	1.000		11083958.86		A	0.7
4	☐	1.000		11064427.08		A	0.7
5	☐	1.000		10889551.19		A	0.9
6	☐	1.000		10501337.64		A	0.7
7	☐	1.000		9834796.26		A	0.8
8	☐	1.000		9746937.26		A	1.0
9	☐	1.000		9202756.92		A	1.3

115 In (ISTD) [He]

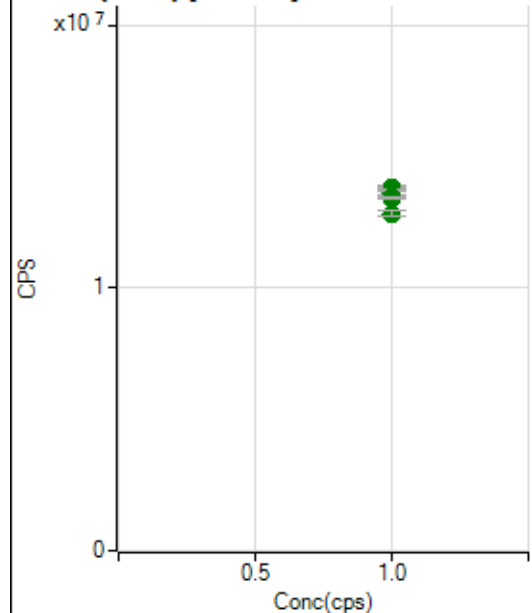
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4043346.44		A	1.5
2	☐	1.000		4063224.35		A	1.7
3	☐	1.000		4055884.10		A	0.6
4	☐	1.000		3985889.53		A	0.4
5	☐	1.000		3823454.44		A	0.6
6	☐	1.000		3672764.26		A	0.9
7	☐	1.000		3494910.74		A	0.4
8	☐	1.000		3440468.10		A	1.1
9	☐	1.000		3423094.37		A	0.5

159 Tb (ISTD) [No Gas]

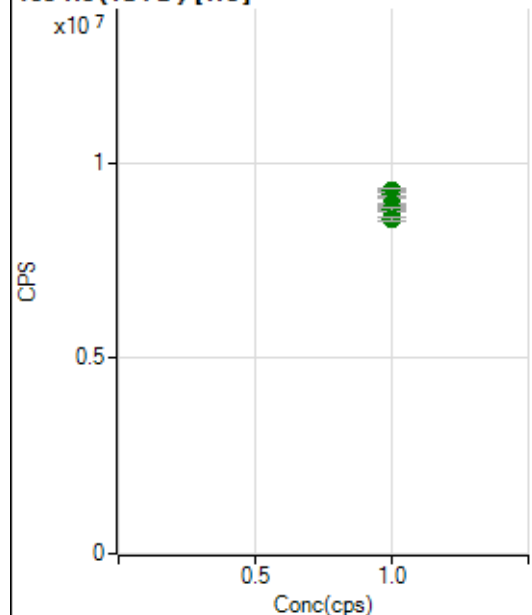
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14075564.51		A	0.5
2	☐	1.000		14309012.57		A	0.9
3	☐	1.000		14144413.40		A	0.5
4	☐	1.000		14228684.79		A	0.9
5	☐	1.000		14196050.34		A	0.8
6	☐	1.000		14064986.73		A	0.5
7	☐	1.000		13681917.30		A	1.4
8	☐	1.000		13634380.35		A	0.4
9	☐	1.000		13078724.94		A	1.5

159 Tb (ISTD) [He]

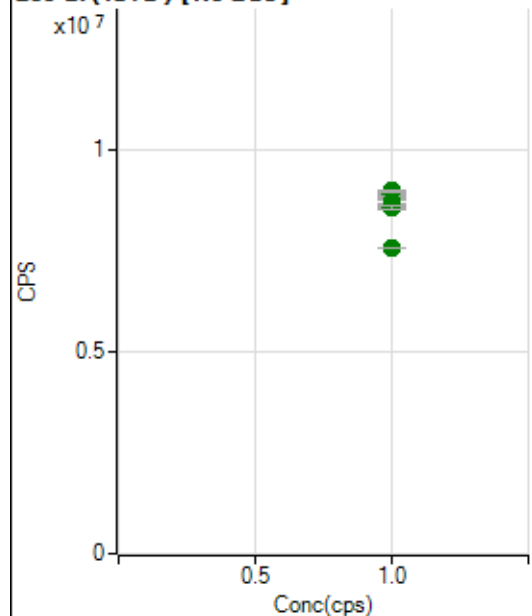
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9306863.68		A	1.0
2	☐	1.000		9347109.09		A	0.7
3	☐	1.000		9344405.14		A	1.1
4	☐	1.000		9400392.01		A	0.8
5	☐	1.000		9160741.11		A	1.0
6	☐	1.000		9005749.52		A	0.6
7	☐	1.000		8885670.63		A	0.6
8	☐	1.000		8877321.19		A	0.8
9	☐	1.000		8537926.75		A	1.1

165 Ho (ISTD) [No Gas]

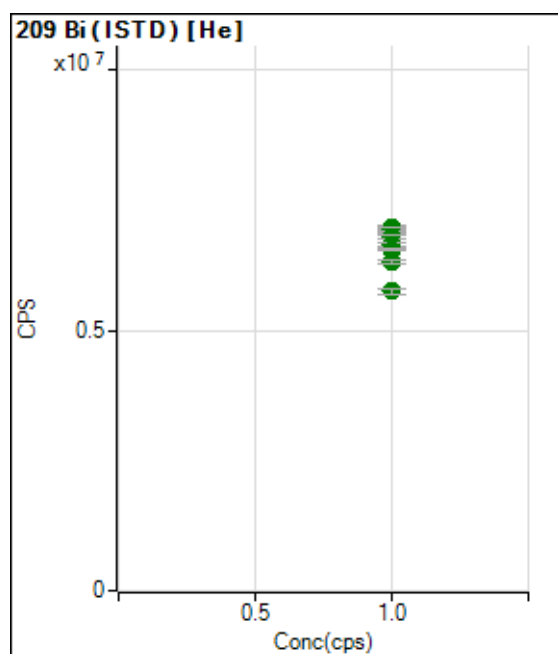
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13641094.94		A	0.9
2	☐	1.000		13811238.54		A	1.4
3	☐	1.000		13708139.66		A	0.5
4	☐	1.000		13800881.04		A	1.6
5	☐	1.000		13816398.41		A	0.7
6	☐	1.000		13708679.66		A	0.6
7	☐	1.000		13408862.99		A	0.6
8	☐	1.000		13465219.66		A	0.6
9	☐	1.000		12838256.76		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9189865.49		A	0.8
2	☐	1.000		9225252.64		A	1.3
3	☐	1.000		9141350.14		A	0.0
4	☐	1.000		9279251.81		A	1.1
5	☐	1.000		9102798.41		A	0.6
6	☐	1.000		8937280.70		A	0.8
7	☐	1.000		8790787.92		A	0.3
8	☐	1.000		8783073.76		A	1.1
9	☐	1.000		8558905.64		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8823559.38		A	1.6
2	☐	1.000		8791793.41		A	0.8
3	☐	1.000		8823267.99		A	0.7
4	☐	1.000		8906869.94		A	1.2
5	☐	1.000		8920071.54		A	0.8
6	☐	1.000		8990173.27		A	0.8
7	☐	1.000		8623195.36		A	1.3
8	☐	1.000		8569514.32		A	0.9
9	☐	1.000		7567825.79		A	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6933261.01		A	0.9
2	☐	1.000		6974205.10		A	1.1
3	☐	1.000		6881335.18		A	0.3
4	☐	1.000		6936160.94		A	1.2
5	☐	1.000		6808277.95		A	0.9
6	☐	1.000		6642947.54		A	1.1
7	☐	1.000		6546074.49		A	0.6
8	☐	1.000		6326924.14		A	1.4
9	☐	1.000		5759166.02		A	1.8