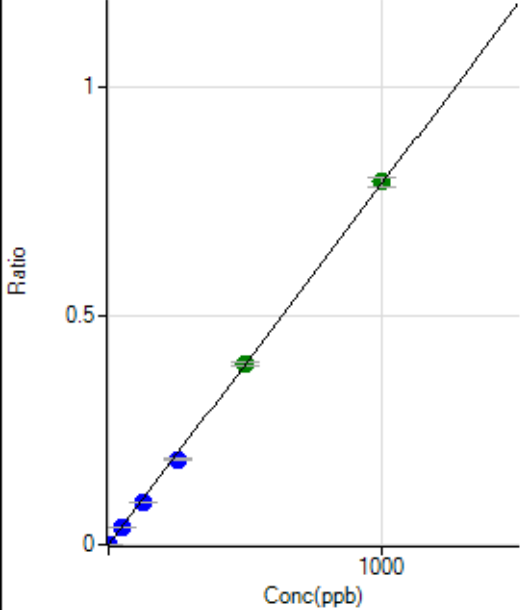


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111224MS2.b\
Analysis File: P7111224MS2.batch.bin
DA Date-Time: 2024-11-13 02:01:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-12 12:38:37
2	006CALS.d	S02	2024-11-12 12:45:09
3	007CALS.d	S03	2024-11-12 12:48:24
4	008CALS.d	S04	2024-11-12 12:51:18
5	009CALS.d	S05	2024-11-12 12:54:03
6	010CALS.d	S06	2024-11-12 12:56:50
7	011CALS.d	S07	2024-11-12 12:59:36
8	012CALS.d	S08	2024-11-12 13:02:22

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	27.8
2	☐	1.000	0.938	2444.67	0.0008	P	7.9
3	☐	50.000	48.527	131860.03	0.0384	P	1.3
4	☐	125.000	118.223	319659.84	0.0934	P	1.5
5	☐	250.000	235.181	625434.47	0.1858	P	1.9
6	☐	500.000	498.751	1298992.95	0.3941	A	2.1
7	☐	1000.000	1005.250	2547814.84	0.7943	A	2.4
8	☐			344.45	0.0001	P	37.8

$y = 7.9009E-004 * x + 1.0654E-005$

$R = 0.9999$

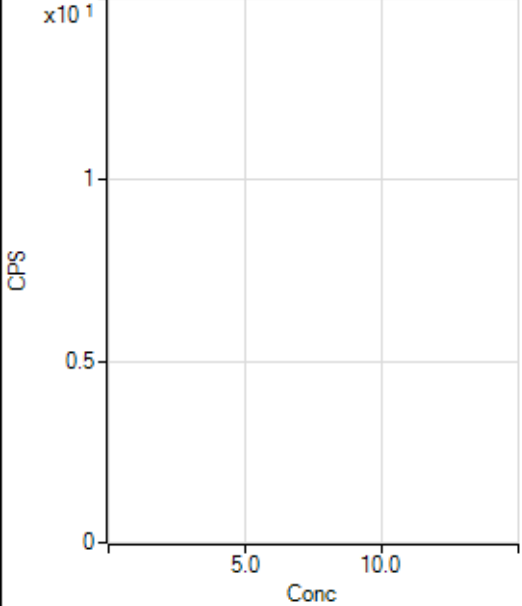
$DL = 0.01124$

$BEC = 0.01348$

Weight: <None>

Min Conc: 0

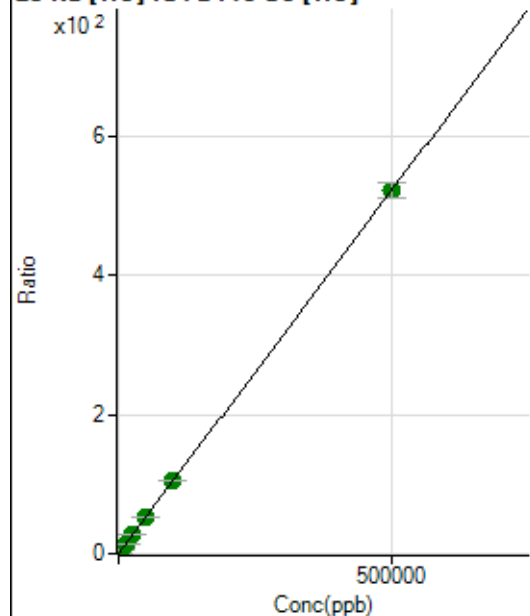
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54482.58	0.0432	P	0.8
2	☐	500.000	477.244	707309.33	0.5410	P	1.2
3	☐	5000.000	5148.129	7246073.23	5.4130	A	1.1
4	☐	12500.000	12530.761	17493804.04	13.1133	A	0.9
5	☐	25000.000	25859.523	34784125.04	27.0158	A	1.1
6	☐	50000.000	50371.278	68972368.97	52.5826	A	2.1
7	☐	100000.00	101292.26	138655950.16	105.6953	A	1.2
8	☐	500000.00	499659.21	669823732.24	521.2085	A	4.2

$$y = 0.0010 * x + 0.0432$$

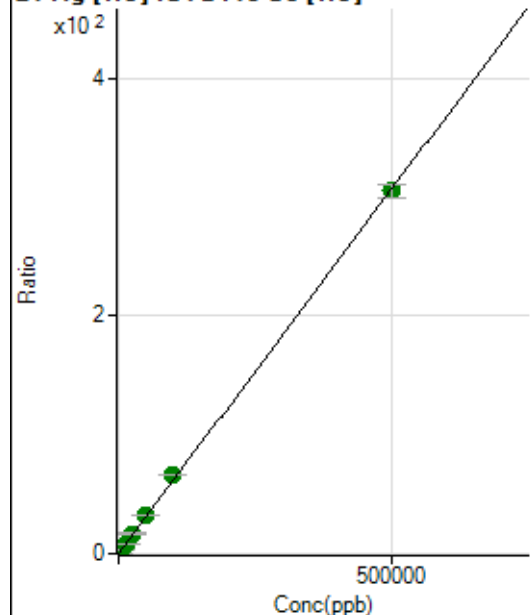
$$R = 1.0000$$

$$DL = 0.98$$

$$BEC = 41.45$$

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	2215.74	0.0018	P	1.5
2	☐	500.000	525.462	423920.20	0.3242	P	0.3
3	☐	5000.000	5486.459	4509824.27	3.3688	A	0.7
4	☐	12500.000	13446.054	11010971.50	8.2537	A	0.7
5	☐	25000.000	27678.014	21872432.18	16.9879	A	1.3
6	☐	50000.000	53579.387	43135032.97	32.8837	A	1.7
7	☐	100000.00	108823.78	87614608.70	66.7875	A	0.7
8	☐	500000.00	497714.86	392510487.49	305.4520	A	3.6

$$y = 6.1371\text{E-}004 * x + 0.0018$$

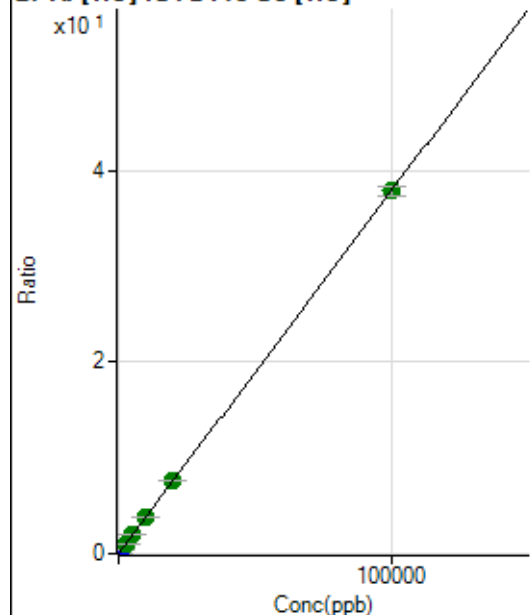
$$R = 0.9998$$

$$DL = 0.1258$$

$$BEC = 2.865$$

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	282.23	0.0002	P	8.2
2	☐	20.000	19.356	9881.04	0.0076	P	2.0
3	☐	1000.000	1041.455	528517.17	0.3948	P	1.1
4	☐	2500.000	2531.200	1279770.66	0.9593	A	0.2
5	☐	5000.000	5100.768	2488693.99	1.9328	A	0.4
6	☐	10000.000	10032.751	4986217.01	3.8015	A	2.5
7	☐	20000.000	20185.706	10032979.64	7.6482	A	1.2
8	☐	100000.00	99953.351	48682005.39	37.8708	A	2.8

$$y = 3.7888\text{E-}004 * x + 2.2411\text{E-}004$$

$$R = 1.0000$$

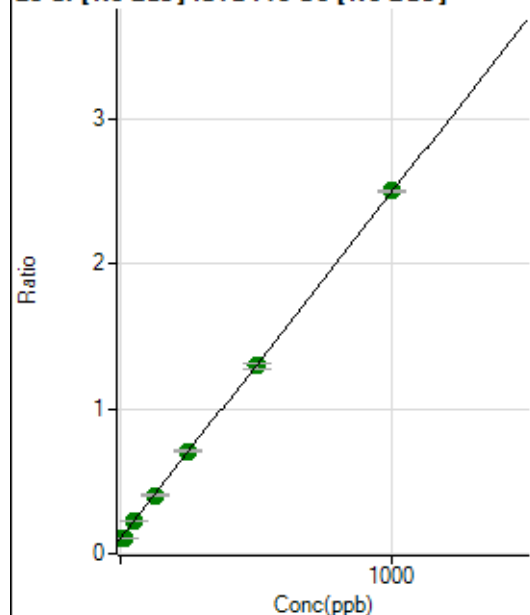
$$DL = 0.1463$$

$$BEC = 0.5915$$

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	1665824.47	0.1093	A	1.5
2	☐	10.000	-0.208	1701255.81	0.1088	A	0.7
3	☐	50.000	46.360	3634138.70	0.2199	A	0.4
4	☐	125.000	122.684	6534590.80	0.4020	A	2.5
5	☐	250.000	250.879	11311468.44	0.7079	A	1.3
6	☐	500.000	497.209	20353710.81	1.2957	A	2.8
7	☐	1000.000	1001.749	39580373.57	2.4996	A	0.4
8	☐			1741322.82	0.1217	A	3.2

$$y = 0.0024 * x + 0.1093$$

$$R = 1.0000$$

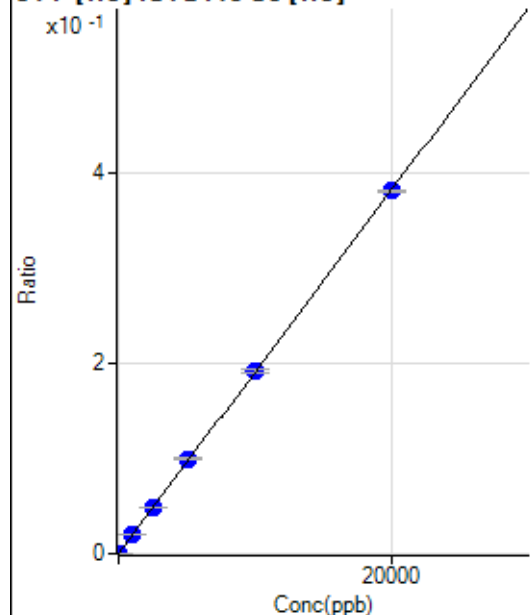
$$DL = 2.098$$

$$BEC = 45.8$$

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	-15.670	328.90	0.0003	P	3.0
2	☐	0.000	15.670	1124.50	0.0009	P	4.3
3	☐	1000.000	1017.021	26765.67	0.0200	P	1.4
4	☐	2500.000	2523.106	65065.39	0.0488	P	1.6
5	☐	5000.000	5178.789	128124.33	0.0995	P	2.6
6	☐	10000.000	10007.609	251596.34	0.1918	P	1.7
7	☐	20000.000	19947.759	500794.26	0.3817	P	0.7
8	☐			538.90	0.0004	P	16.5

$$y = 1.9109E-005 * x + 5.6043E-004$$

$$R = 1.0000$$

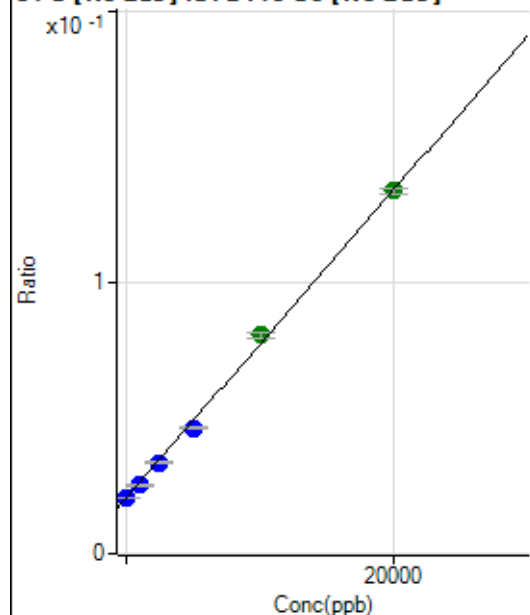
$$DL = 3.543$$

$$BEC = 29.33$$

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	3.773	313895.01	0.0206	P	0.5
2	☐	0.000	-3.773	321329.34	0.0205	P	1.2
3	☐	1000.000	806.552	415728.82	0.0252	P	0.3
4	☐	2500.000	2262.610	543481.81	0.0334	P	1.9
5	☐	5000.000	4540.813	741257.90	0.0464	P	1.1
6	☐	10000.000	10526.086	1263606.91	0.0804	A	2.0
7	☐	20000.000	19891.100	2116439.03	0.1337	A	1.3
8	☐			270354.60	0.0189	P	1.8

$$y = 5.6864E-006 * x + 0.0206$$

$$R = 0.9992$$

$$DL = 91.41$$

$$BEC = 3617$$

Weight: <None>

Min Conc: 0

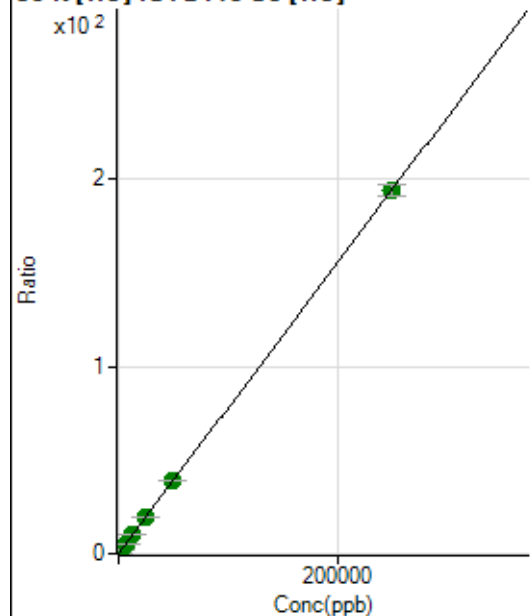
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75043.73	0.0596	P	3.0
2	☐	500.000	519.654	604594.08	0.4625	P	1.3
3	☐	2500.000	2604.959	2783229.82	2.0792	A	1.7
4	☐	6250.000	6278.490	6573115.46	4.9273	A	1.3
5	☐	12500.000	12968.097	13020920.08	10.1138	A	2.0
6	☐	25000.000	25138.489	25645761.84	19.5496	A	0.9
7	☐	50000.000	50524.733	51466719.23	39.2317	A	0.5
8	☐	250000.00	249855.99	249034551.85	193.7744	A	3.1

$$y = 7.7531E-004 * x + 0.0596$$

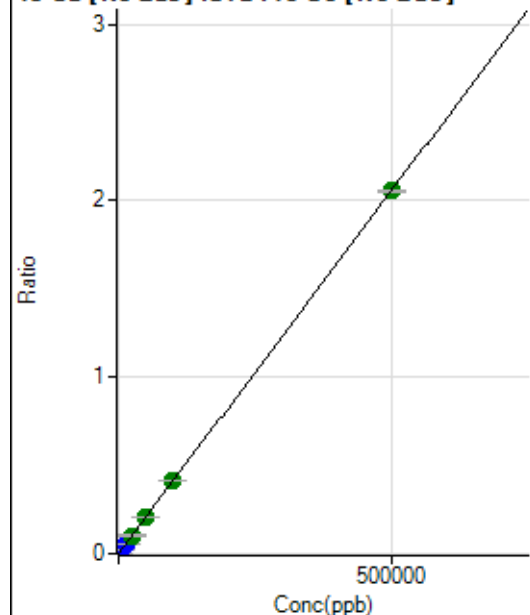
$$R = 1.0000$$

$$DL = 6.863$$

$$BEC = 76.83$$

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	604.46	0.0000	P	9.5
2	☐	500.000	525.136	34388.95	0.0022	P	3.0
3	☐	5000.000	5267.261	358634.14	0.0217	P	0.4
4	☐	12500.000	12902.316	863098.83	0.0531	P	2.1
5	☐	25000.000	25107.239	1650334.00	0.1033	A	2.5
6	☐	50000.000	50774.614	3281183.18	0.2088	A	1.8
7	☐	100000.00	100995.10	6576711.85	0.4154	A	1.4
8	☐	500000.00	499705.40	29433337.62	2.0550	A	0.7

$$y = 4.1124\text{E-}006 * x + 3.9651\text{E-}005$$

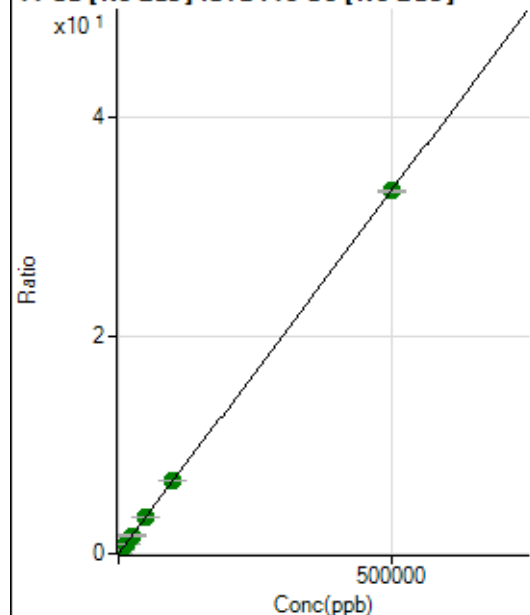
$$R = 1.0000$$

$$DL = 2.742$$

$$BEC = 9.642$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44576.46	0.0029	P	0.8
2	☐	500.000	518.019	584845.19	0.0374	P	1.8
3	☐	5000.000	5071.800	5626631.30	0.3405	A	0.8
4	☐	12500.000	12478.344	13547191.19	0.8334	A	1.7
5	☐	25000.000	25013.173	26645714.05	1.6676	A	2.5
6	☐	50000.000	50165.445	52497939.77	3.3416	A	2.1
7	☐	100000.00	100663.91	106118572.86	6.7024	A	1.4
8	☐	500000.00	499849.81	476540161.79	33.2695	A	0.6

$$y = 6.6553\text{E-}005 * x + 0.0029$$

$$R = 1.0000$$

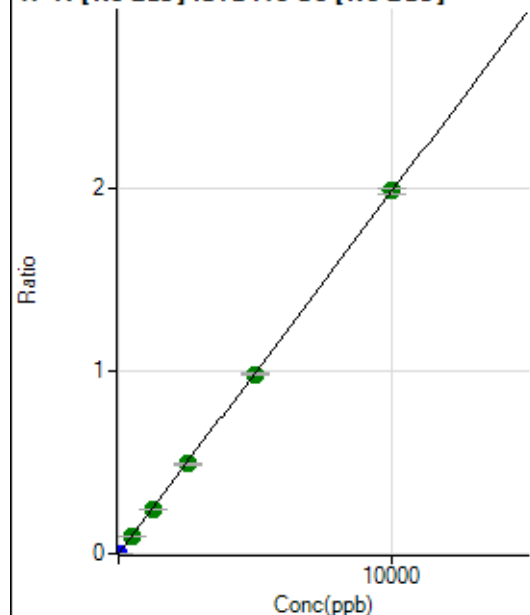
$$DL = 1.11$$

$$BEC = 43.94$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	192.23	0.0000	P	17.3
2	☐	5.000	4.869	15270.01	0.0010	P	3.2
3	☐	500.000	498.498	1631299.33	0.0987	A	1.3
4	☐	1250.000	1228.526	3954373.76	0.2432	A	0.9
5	☐	2500.000	2475.718	7832126.97	0.4902	A	2.2
6	☐	5000.000	4967.904	15452872.13	0.9836	A	2.1
7	☐	10000.000	10024.878	31423063.42	1.9848	A	1.7
8	☐			2983.67	0.0002	P	28.8

$$y = 1.9799\text{E-}004 * x + 1.2598\text{E-}005$$

$$R = 1.0000$$

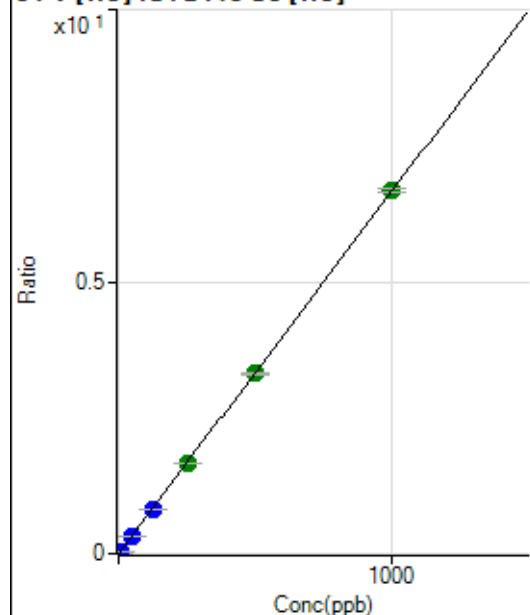
$$DL = 0.03311$$

$$BEC = 0.06363$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.44	0.0000	P	50.1
2	☐	5.000	4.953	43137.09	0.0330	P	1.1
3	☐	50.000	49.602	441799.28	0.3300	P	0.4
4	☐	125.000	120.776	1071852.86	0.8035	P	1.5
5	☐	250.000	249.258	2134918.47	1.6582	A	1.6
6	☐	500.000	496.839	4335907.61	3.3052	A	1.1
7	☐	1000.000	1002.314	8747385.56	6.6679	A	1.0
8	☐			1365.63	0.0011	P	3.0

$$y = 0.0067 * x + 4.3002\text{E-}005$$

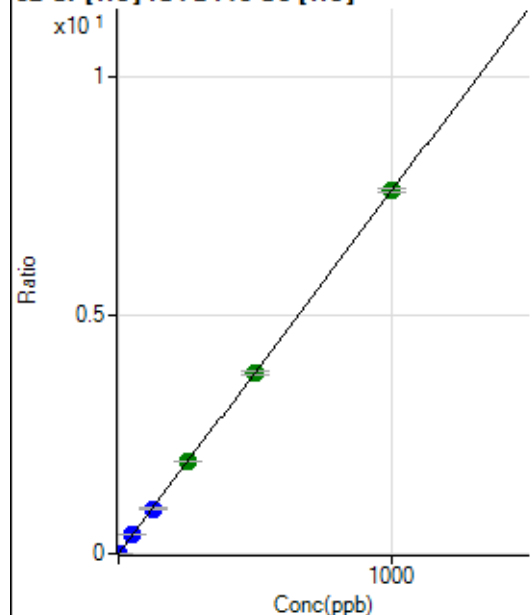
$$R = 1.0000$$

$$DL = 0.009712$$

$$BEC = 0.006464$$

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	1886.80	0.0015	P	3.6
2	☐	2.000	2.045	22322.18	0.0171	P	1.6
3	☐	50.000	50.628	518072.19	0.3870	P	1.2
4	☐	125.000	123.397	1255432.79	0.9411	P	1.7
5	☐	250.000	253.966	2491900.19	1.9354	A	0.8
6	☐	500.000	497.942	4975894.30	3.7932	A	1.3
7	☐	1000.000	1000.206	9993770.89	7.6177	A	1.2
8	☐			29789.40	0.0232	P	3.0

$$y = 0.0076 * x + 0.0015$$

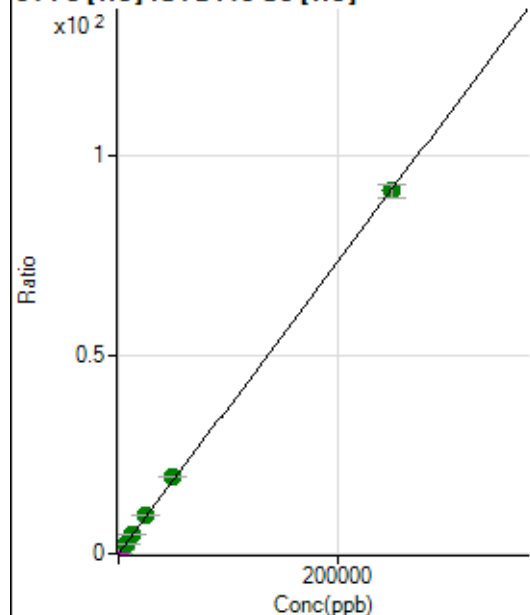
$$R = 1.0000$$

$$DL = 0.02138$$

$$BEC = 0.1967$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4461.81	0.0035	P	3.2
2	☐	50.000	55.390	31118.87	0.0238	P	2.0
3	☐	2500.000	2717.440	1335583.38	0.9976	M	0.9
4	☐	6250.000	6611.300	3230952.14	2.4220	A	1.3
5	☐	12500.000	13369.391	6301254.97	4.8942	A	1.4
6	☐	25000.000	26044.830	12502418.42	9.5309	A	2.1
7	☐	50000.000	52442.264	25170491.85	19.1873	A	0.8
8	☐	250000.00	249352.38	117214122.70	91.2184	A	3.8

$$y = 3.6581E-004 * x + 0.0035$$

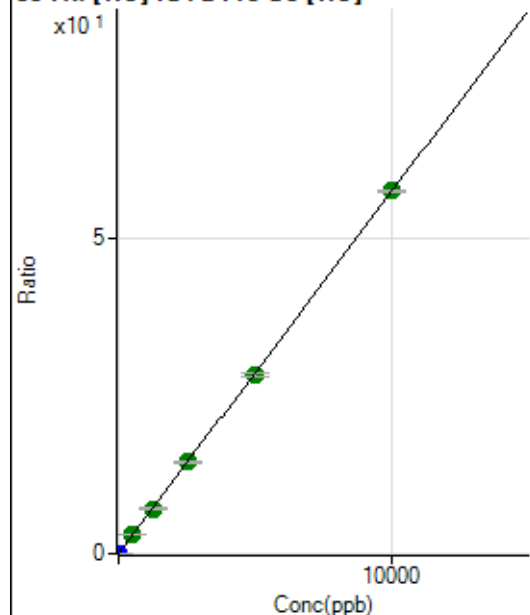
$$R = 0.9999$$

$$DL = 0.9158$$

$$BEC = 9.682$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	621.13	0.0005	P	9.7
2	☐	1.000	0.979	7984.41	0.0061	P	1.7
3	☐	500.000	512.483	3935568.90	2.9400	A	1.7
4	☐	1250.000	1247.935	9549030.27	7.1583	A	1.7
5	☐	2500.000	2531.253	18692552.92	14.5191	A	2.0
6	☐	5000.000	4943.805	37198723.61	28.3569	A	1.4
7	☐	10000.000	10019.918	75397394.43	57.4723	A	0.6
8	☐			35695.62	0.0278	P	2.3

$$y = 0.0057 * x + 4.9336E-004$$

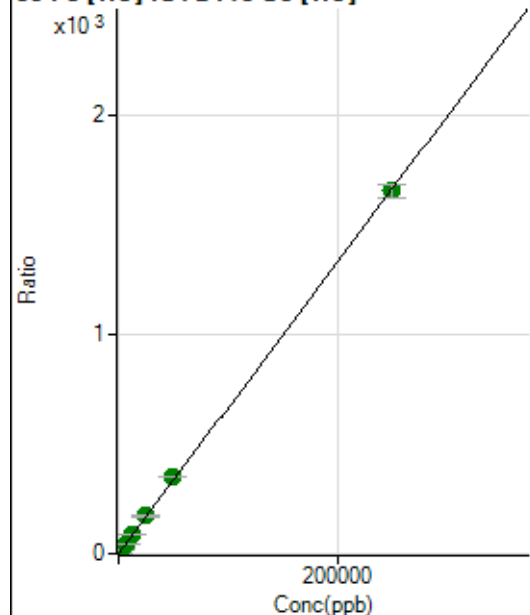
$$R = 1.0000$$

$$DL = 0.02502$$

$$BEC = 0.08601$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25481.67	0.0202	P	0.6
2	☐	50.000	54.548	500263.56	0.3826	P	0.6
3	☐	2500.000	2704.664	24083492.97	17.9900	A	1.2
4	☐	6250.000	6582.672	58370000.24	43.7555	A	1.3
5	☐	12500.000	13360.545	114316164.96	88.7877	A	1.2
6	☐	25000.000	25915.762	225894492.19	172.2046	A	1.5
7	☐	50000.000	52617.308	458627522.05	349.6096	A	0.9
8	☐	250000.00	249331.57	2128999968.2	1,656.579	A	3.8

$$y = 0.0066 * x + 0.0202$$

$$R = 0.9999$$

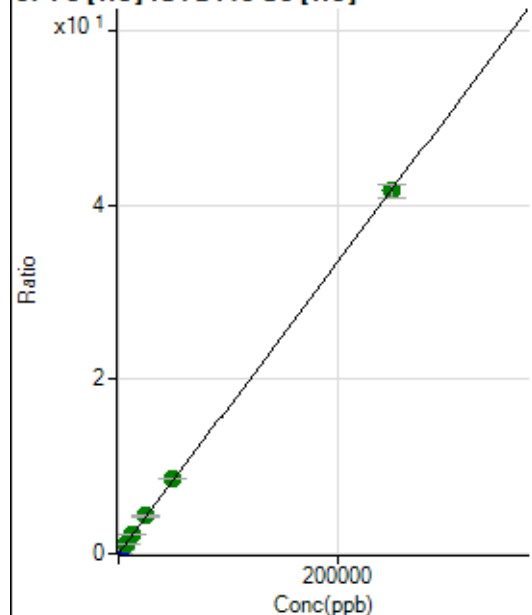
$$DL = 0.05504$$

$$BEC = 3.044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1872.36	0.0015	P	3.3
2	☐	50.000	55.761	14116.70	0.0108	P	2.7
3	☐	2500.000	2757.342	618465.82	0.4620	P	0.7
4	☐	6250.000	6578.597	1467597.27	1.1002	A	1.7
5	☐	12500.000	13404.010	2883885.79	2.2401	A	2.6
6	☐	25000.000	25845.091	5664364.22	4.3179	A	0.8
7	☐	50000.000	51710.949	11331095.11	8.6378	A	1.4
8	☐	250000.00	249517.31	53552935.87	41.6737	A	3.5

$$y = 1.6701\text{E-}004 * x + 0.0015$$

$$R = 1.0000$$

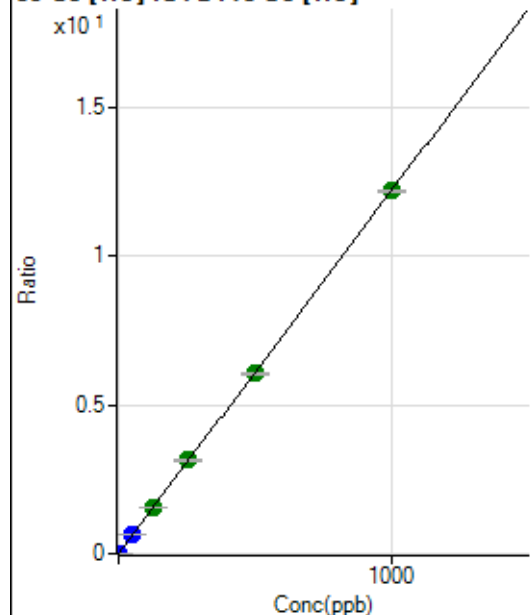
$$DL = 0.8745$$

$$BEC = 8.899$$

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	302.23	0.0002	P	11.6
2	☐	1.000	1.077	17463.60	0.0134	P	2.2
3	☐	50.000	51.589	841660.31	0.6287	P	0.8
4	☐	125.000	127.957	2079603.67	1.5591	A	2.5
5	☐	250.000	257.840	4044577.58	3.1414	A	2.0
6	☐	500.000	496.520	7935170.86	6.0491	A	1.4
7	☐	1000.000	999.331	15971348.65	12.1747	A	0.5
8	☐			39296.92	0.0306	P	2.8

$$y = 0.0122 * x + 2.3965\text{E-}004$$

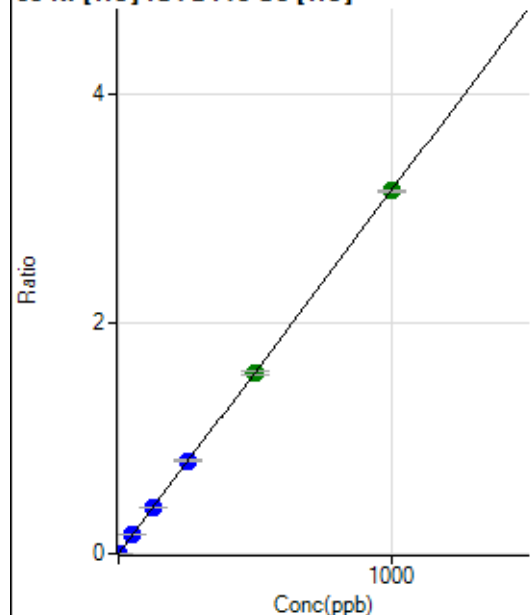
$$R = 1.0000$$

$$DL = 0.006835$$

$$BEC = 0.01967$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	372.23	0.0003	P	12.5
2	☐	1.000	1.042	4690.77	0.0036	P	0.9
3	☐	50.000	52.284	221585.06	0.1655	P	1.0
4	☐	125.000	127.228	536755.81	0.4024	P	1.6
5	☐	250.000	255.943	1041738.51	0.8091	P	1.9
6	☐	500.000	498.603	2067712.42	1.5760	A	1.5
7	☐	1000.000	998.820	4141271.95	3.1568	A	0.7
8	☐			15697.18	0.0122	P	4.0

$$y = 0.0032 * x + 2.9531E-004$$

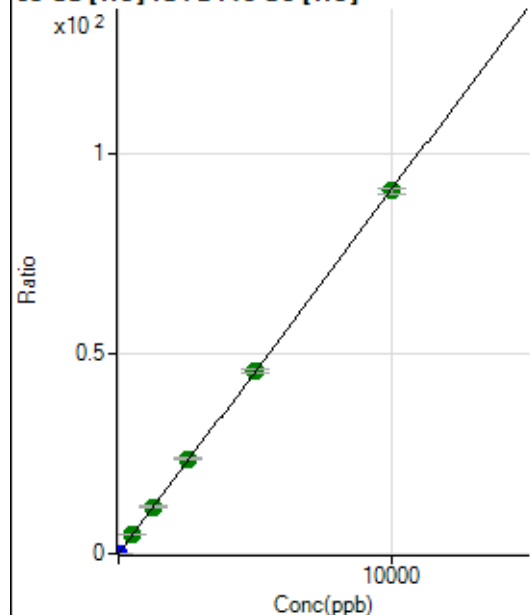
$$R = 1.0000$$

$$DL = 0.03502$$

$$BEC = 0.09345$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2205.74	0.0018	P	4.2
2	☐	2.000	1.983	25865.74	0.0198	P	1.1
3	☐	500.000	528.103	6432336.64	4.8050	A	0.8
4	☐	1250.000	1288.809	15638341.71	11.7238	A	2.2
5	☐	2500.000	2594.933	30388211.77	23.6033	A	1.9
6	☐	5000.000	5012.795	59811063.00	45.5944	A	1.3
7	☐	10000.000	9963.613	118879336.01	90.6233	A	1.3
8	☐			25832.36	0.0201	P	4.3

$$y = 0.0091 * x + 0.0018$$

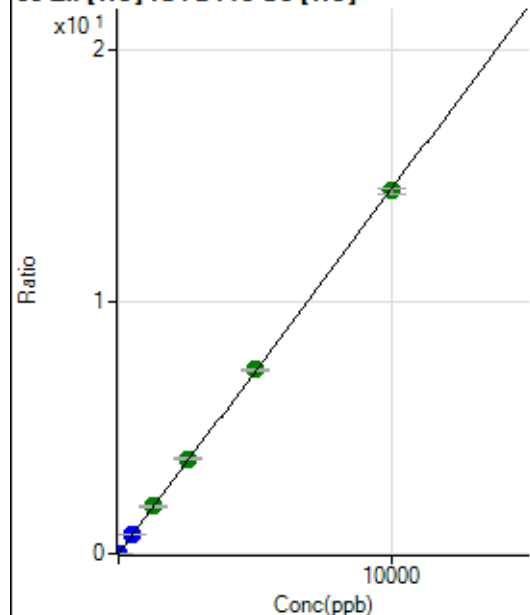
$$R = 0.9999$$

$$DL = 0.02451$$

$$BEC = 0.1925$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	617.80	0.0005	P	6.2
2	☐	2.000	5.030	10154.65	0.0078	P	3.6
3	☐	500.000	527.143	1021494.42	0.7631	P	1.4
4	☐	1250.000	1293.457	2496501.07	1.8717	A	2.9
5	☐	2500.000	2593.097	4830286.66	3.7518	A	2.0
6	☐	5000.000	5042.358	9569684.65	7.2951	A	1.4
7	☐	10000.000	9948.757	18880925.14	14.3930	A	1.2
8	☐			49017.86	0.0381	P	2.8

$$y = 0.0014 * x + 4.9056E-004$$

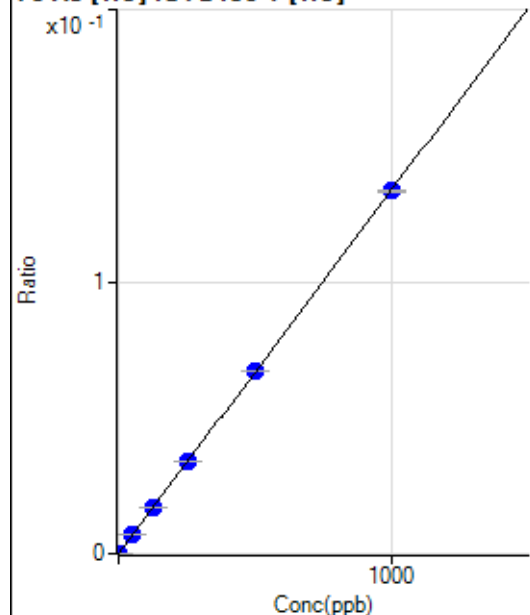
$$R = 0.9999$$

$$DL = 0.06275$$

$$BEC = 0.3391$$

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	8.89	0.0000	P	21.5
2	☐	1.000	1.069	1384.53	0.0001	P	2.1
3	☐	50.000	51.488	68835.21	0.0069	P	0.9
4	☐	125.000	125.747	168377.30	0.0168	P	0.7
5	☐	250.000	253.478	329655.95	0.0339	P	0.7
6	☐	500.000	502.155	651496.56	0.0671	P	0.9
7	☐	1000.000	997.885	1310832.52	0.1334	P	0.6
8	☐			664.47	0.0001	P	5.3

$$y = 1.3364E-004 * x + 9.3825E-007$$

$$R = 1.0000$$

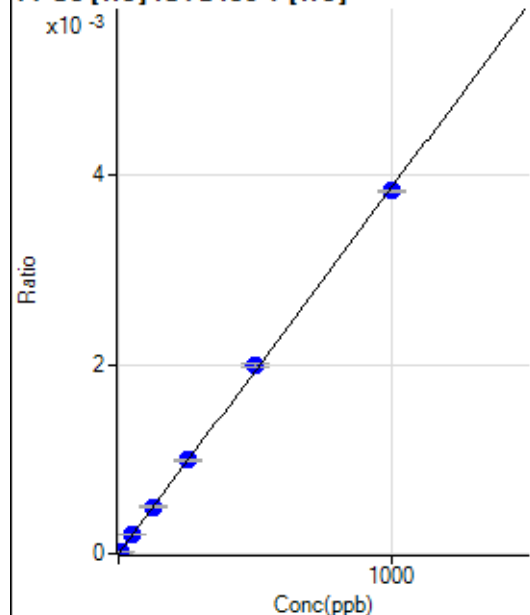
$$DL = 0.004522$$

$$BEC = 0.007021$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.861	182.23	0.0000	P	16.9
3	☐	50.000	53.572	2073.50	0.0002	P	3.8
4	☐	125.000	127.268	4931.99	0.0005	P	2.5
5	☐	250.000	255.325	9608.75	0.0010	P	2.6
6	☐	500.000	513.700	19284.88	0.0020	P	1.6
7	☐	1000.000	991.357	37684.49	0.0038	P	0.3
8	☐			10.00	0.0000	P	66.4

$$y = 3.8669\text{E-}006 * x + 1.1740\text{E-}007$$

$$R = 0.9998$$

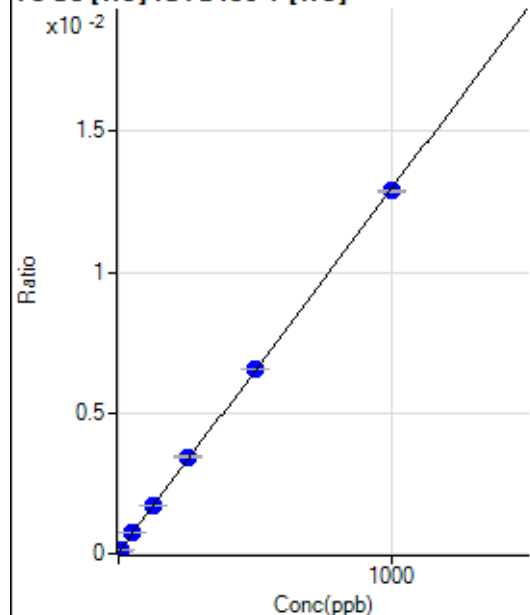
$$DL = 0.1578$$

$$BEC = 0.03036$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	502.23	0.0001	P	8.0
2	☐	5.000	4.876	1116.72	0.0001	P	3.0
3	☐	50.000	52.270	7275.19	0.0007	P	1.8
4	☐	125.000	127.157	16968.71	0.0017	P	0.9
5	☐	250.000	262.828	33513.51	0.0034	P	0.3
6	☐	500.000	503.666	63599.10	0.0066	P	0.7
7	☐	1000.000	994.577	126648.00	0.0129	P	0.8
8	☐			548.90	0.0001	P	8.9

$$y = 1.2901\text{E-}005 * x + 5.3020\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.9863$$

$$BEC = 4.11$$

Weight: <None>

Min Conc: 0

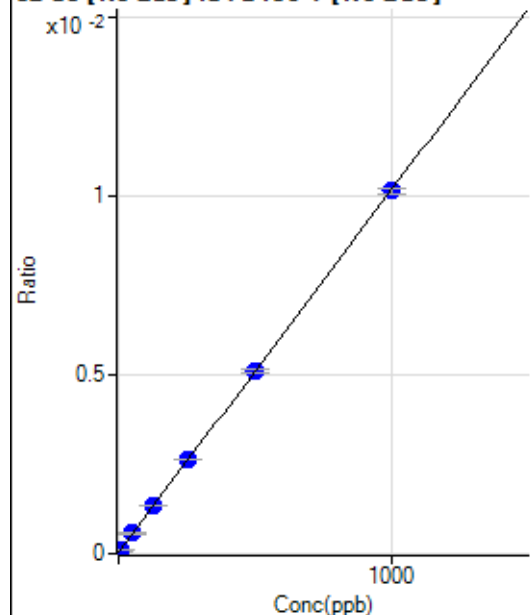
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14393.80		P	1.9
2	☐			14429.37		P	2.5
3	☐			14918.76		P	2.2
4	☐			14801.98		P	1.7
5	☐			14477.18		P	2.0
6	☐			13833.24		P	1.1
7	☐			14484.97		P	2.2
8	☐			16457.04		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			152.23		P	7.7
2	☐			180.00		P	14.0
3	☐			101.11		P	12.5
4	☐			85.56		P	16.2
5	☐			92.22		P	16.7
6	☐			94.45		P	17.8
7	☐			124.44		P	15.2
8	☐			241.12		P	14.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1528.78	0.0000	P	7.4
2	☐	5.000	5.439	3637.75	0.0001	P	2.4
3	☐	50.000	51.811	22640.38	0.0006	P	1.1
4	☐	125.000	128.837	53105.06	0.0013	P	1.9
5	☐	250.000	255.147	102367.96	0.0026	P	1.2
6	☐	500.000	501.785	199604.67	0.0051	P	2.3
7	☐	1000.000	997.248	390906.82	0.0101	P	1.3
8	☐			1833.69	0.0001	P	2.0

$$y = 1.0114E-005 * x + 4.1383E-005$$

$$R = 1.0000$$

$$DL = 0.9085$$

$$BEC = 4.092$$

Weight: <None>

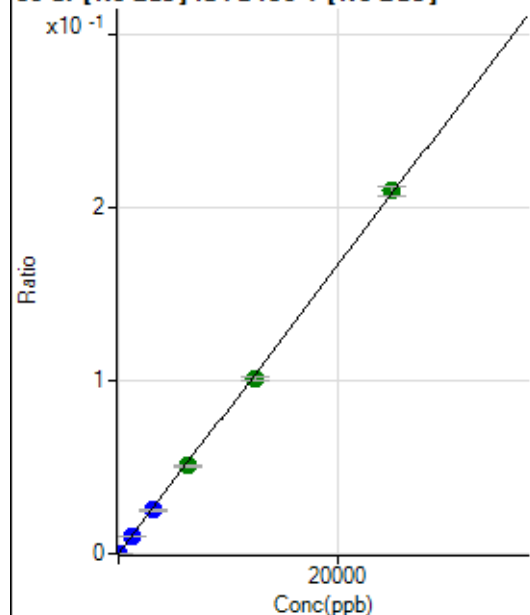
Min Conc: 0

83 Kr [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			368.90		P	3.7
2	☐			308.90		P	13.5
3	☐			336.68		P	4.5
4	☐			335.56		P	7.7
5	☐			361.12		P	6.8
6	☐			380.01		P	8.4
7	☐			382.23		P	14.4
8	☐			420.01		P	2.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	601.13	0.0000	P	4.5
2	☐	1.000	24.677	8346.88	0.0002	P	2.7
3	☐	1250.000	1226.665	408511.64	0.0102	P	1.6
4	☐	3125.000	3021.534	991699.61	0.0251	P	1.5
5	☐	6250.000	6117.802	1984038.51	0.0508	A	2.0
6	☐	12500.000	12138.489	3932954.59	0.1008	A	2.0
7	☐	25000.000	25227.904	8085829.39	0.2095	A	2.3
8	☐			21949.81	0.0006	P	1.8

$$y = 8.3038\text{E-}006 * x + 1.6267\text{E-}005$$

$$R = 0.9998$$

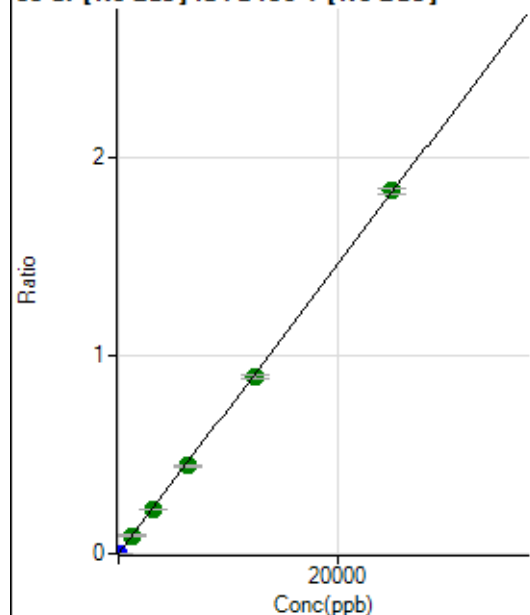
$$DL = 0.2649$$

$$BEC = 1.959$$

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	413.34	0.0000	P	5.2
2	☐	1.000	24.810	68593.25	0.0018	P	0.5
3	☐	1250.000	1255.354	3660506.26	0.0914	A	2.1
4	☐	3125.000	3073.826	8841470.49	0.2238	A	1.7
5	☐	6250.000	6102.206	17347893.77	0.4444	A	1.9
6	☐	12500.000	12277.087	34877970.59	0.8940	A	1.8
7	☐	25000.000	25154.533	70698523.95	1.8317	A	1.4
8	☐			186323.80	0.0054	P	1.9

$$y = 7.2817\text{E-}005 * x + 1.1177\text{E-}005$$

$$R = 0.9999$$

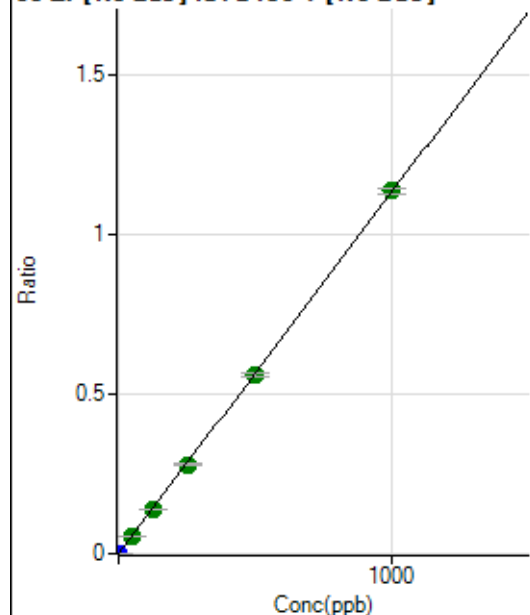
$$DL = 0.02389$$

$$BEC = 0.1535$$

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	2167.96	0.0001	P	13.3
2	☐	1.000	0.979	43948.97	0.0012	P	2.0
3	☐	50.000	49.511	2242943.70	0.0560	A	1.1
4	☐	125.000	122.566	5473739.64	0.1386	A	2.4
5	☐	250.000	246.981	10900252.06	0.2792	A	1.9
6	☐	500.000	493.931	21780264.96	0.5583	A	2.1
7	☐	1000.000	1004.118	43803266.01	1.1349	A	1.5
8	☐			36273.74	0.0010	P	2.5

$$y = 0.0011 * x + 5.8695E-005$$

$$R = 1.0000$$

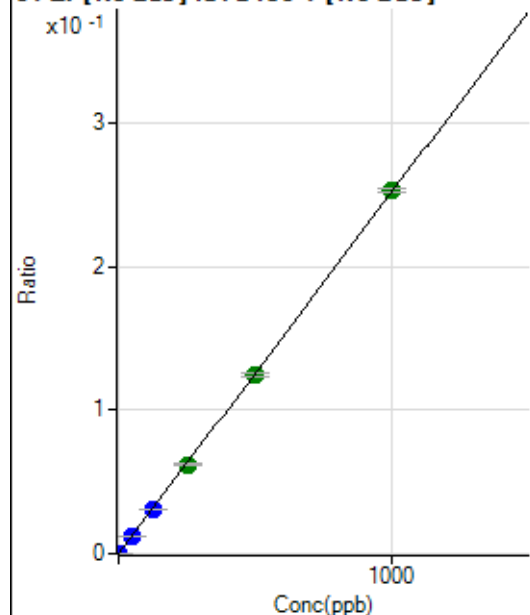
$$DL = 0.02072$$

$$BEC = 0.05193$$

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	423.34	0.0000	P	19.3
2	☐	1.000	0.991	9855.62	0.0003	P	2.2
3	☐	50.000	48.971	494620.02	0.0124	P	1.9
4	☐	125.000	121.134	1206309.87	0.0305	P	1.6
5	☐	250.000	246.883	2429678.05	0.0622	A	2.7
6	☐	500.000	493.325	4850784.86	0.1243	A	2.1
7	☐	1000.000	1004.652	9773171.38	0.2532	A	1.2
8	☐			8165.65	0.0002	P	1.6

$$y = 2.5202E-004 * x + 1.1471E-005$$

$$R = 1.0000$$

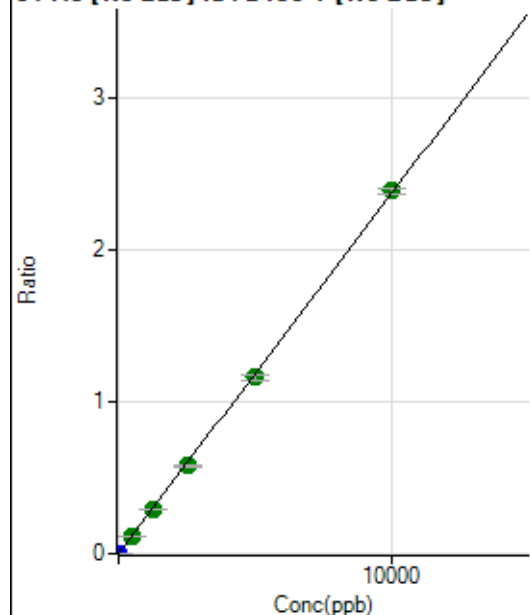
$$DL = 0.02636$$

$$BEC = 0.04552$$

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	784.48	0.0000	P	22.8
2	☐	5.000	5.693	51690.82	0.0014	P	2.0
3	☐	500.000	496.464	4709653.47	0.1176	A	1.9
4	☐	1250.000	1228.536	11496160.66	0.2910	A	1.1
5	☐	2500.000	2449.227	22651758.83	0.5802	A	2.3
6	☐	5000.000	4887.813	45168459.33	1.1578	A	2.4
7	☐	10000.000	10071.646	92084438.63	2.3858	A	1.5
8	☐			23064.96	0.0007	P	9.3

$$y = 2.3688\text{E-}004 * x + 2.1249\text{E-}005$$

$$R = 0.9999$$

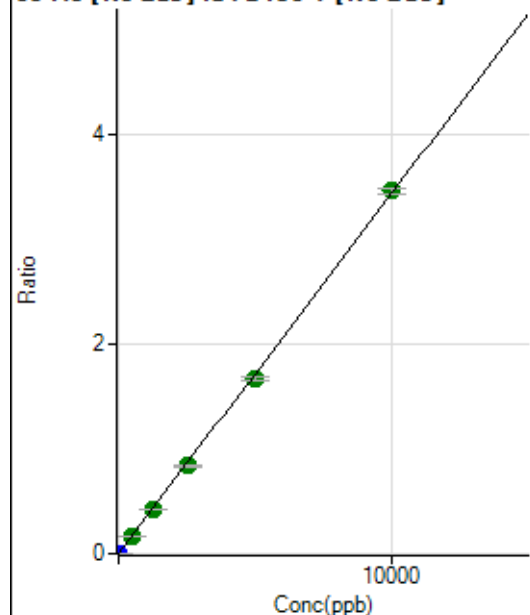
$$DL = 0.06132$$

$$BEC = 0.0897$$

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	75.56	0.0000	P	21.6
2	☐	5.000	4.852	62952.47	0.0017	P	0.6
3	☐	500.000	493.191	6781559.14	0.1694	A	1.5
4	☐	1250.000	1235.619	16760473.78	0.4243	A	1.4
5	☐	2500.000	2452.343	32878564.79	0.8421	A	2.1
6	☐	5000.000	4872.530	65274604.59	1.6732	A	2.4
7	☐	10000.000	10077.787	133577405.79	3.4607	A	1.6
8	☐			16638.68	0.0005	P	19.0

$$y = 3.4340\text{E-}004 * x + 2.0408\text{E-}006$$

$$R = 0.9999$$

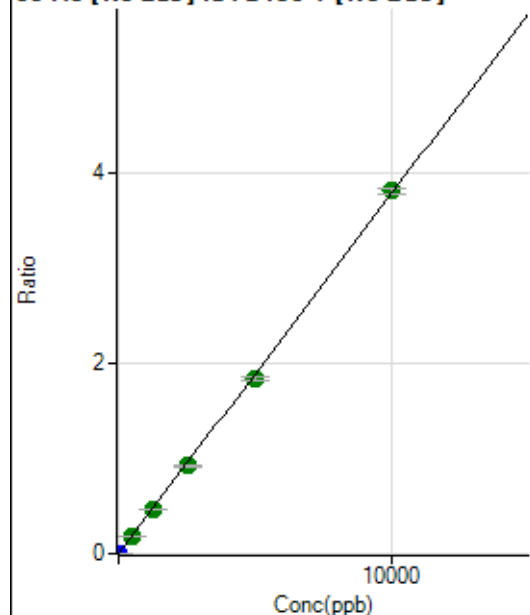
$$DL = 0.003848$$

$$BEC = 0.005943$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	254.45	0.0000	P	14.0
2	☐	5.000	4.849	69315.44	0.0018	P	1.7
3	☐	500.000	492.419	7440987.46	0.1858	A	1.8
4	☐	1250.000	1227.345	18295845.84	0.4632	A	1.2
5	☐	2500.000	2449.354	36088259.18	0.9243	A	1.8
6	☐	5000.000	4869.959	71697532.82	1.8378	A	2.3
7	☐	10000.000	10080.893	146837275.59	3.8043	A	1.7
8	☐			36509.09	0.0011	P	11.3

$$y = 3.7738\text{E-}004 * x + 6.8858\text{E-}006$$

$$R = 0.9999$$

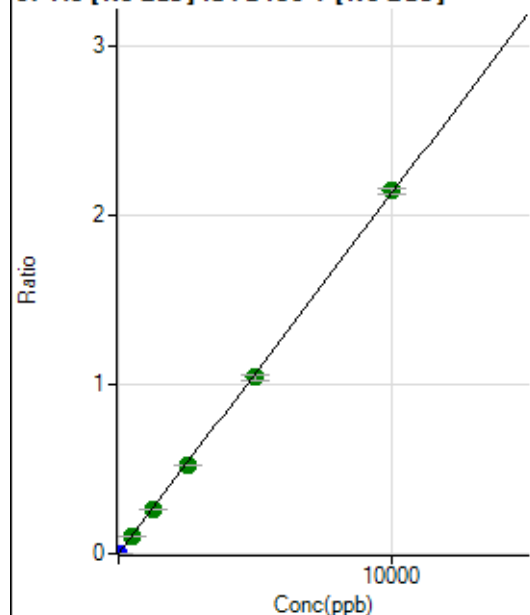
$$DL = 0.007666$$

$$BEC = 0.01825$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0000	P	40.2
2	☐	5.000	4.832	38945.08	0.0010	P	1.0
3	☐	500.000	494.432	4219563.41	0.1054	A	1.8
4	☐	1250.000	1225.787	10320013.11	0.2613	A	0.9
5	☐	2500.000	2455.331	20430964.83	0.5233	A	1.6
6	☐	5000.000	4890.464	40662496.62	1.0423	A	2.6
7	☐	10000.000	10069.241	82832317.65	2.1461	A	1.7
8	☐			10152.61	0.0003	P	20.7

$$y = 2.1313\text{E-}004 * x + 2.1421\text{E-}006$$

$$R = 0.9999$$

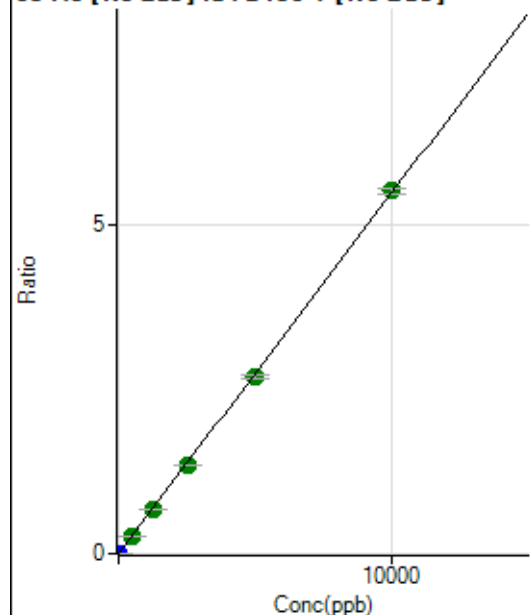
$$DL = 0.01212$$

$$BEC = 0.01005$$

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	131.11	0.0000	P	18.3
2	☐	5.000	4.846	100532.93	0.0027	P	1.4
3	☐	500.000	493.307	10843848.73	0.2708	A	2.0
4	☐	1250.000	1221.873	26497990.16	0.6708	A	0.8
5	☐	2500.000	2458.364	52691469.77	1.3496	A	1.6
6	☐	5000.000	4893.881	104814737.33	2.6867	A	2.5
7	☐	10000.000	10067.319	213326041.26	5.5270	A	1.4
8	☐			24441.12	0.0007	P	22.0

$$y = 5.4900\text{E-}004 * x + 3.5421\text{E-}006$$

$$R = 0.9999$$

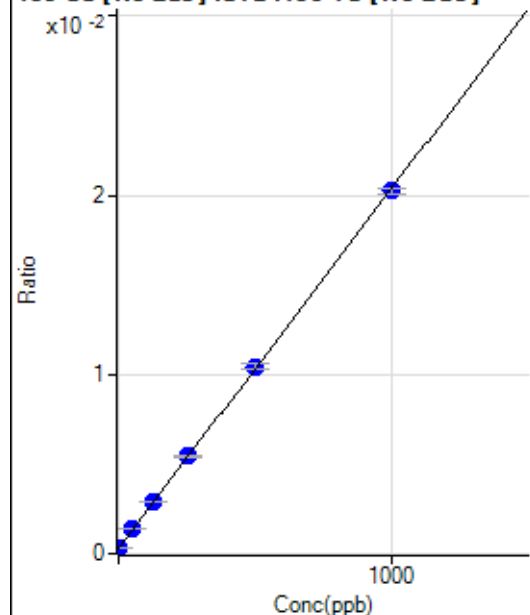
$$DL = 0.003545$$

$$BEC = 0.006452$$

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	9363.09	0.0003	P	2.7
2	☐	1.000	0.866	10071.37	0.0003	P	1.9
3	☐	50.000	54.431	46846.32	0.0014	P	2.1
4	☐	125.000	131.370	98665.36	0.0029	P	1.0
5	☐	250.000	257.324	182712.83	0.0055	P	2.0
6	☐	500.000	506.418	350599.33	0.0105	P	2.3
7	☐	1000.000	993.942	684550.92	0.0202	P	1.5
8	☐			9181.87	0.0003	P	1.4

$$y = 2.0060\text{E-}005 * x + 2.9940\text{E-}004$$

$$R = 0.9999$$

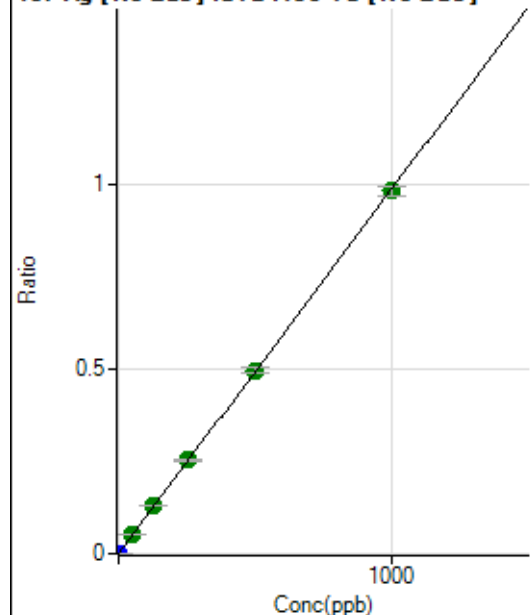
$$DL = 1.226$$

$$BEC = 14.93$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.78	0.0000	P	20.1
2	☐	1.000	1.038	32715.77	0.0010	P	3.1
3	☐	50.000	53.181	1766592.49	0.0525	A	1.8
4	☐	125.000	130.029	4312641.43	0.1283	A	1.0
5	☐	250.000	257.170	8487899.87	0.2537	A	1.5
6	☐	500.000	503.381	16647140.86	0.4966	A	2.4
7	☐	1000.000	995.729	33223751.45	0.9823	A	2.4
8	☐			2830.31	0.0001	P	22.1

$$y = 9.8649\text{E-}004 * x + 4.7282\text{E-}006$$

$$R = 1.0000$$

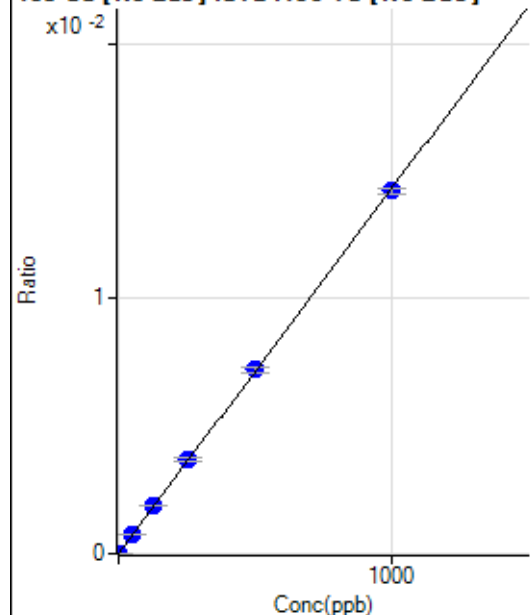
$$DL = 0.002891$$

$$BEC = 0.004793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.56	0.0000	P	20.1
2	☐	1.000	1.055	505.57	0.0000	P	6.5
3	☐	50.000	53.689	25872.06	0.0008	P	3.7
4	☐	125.000	131.436	63211.29	0.0019	P	1.5
5	☐	250.000	257.779	123333.45	0.0037	P	2.8
6	☐	500.000	505.223	242189.13	0.0072	P	2.9
7	☐	1000.000	994.455	481002.46	0.0142	P	1.4
8	☐			180.00	0.0000	P	7.3

$$y = 1.4299\text{E-}005 * x + 8.1746\text{E-}007$$

$$R = 0.9999$$

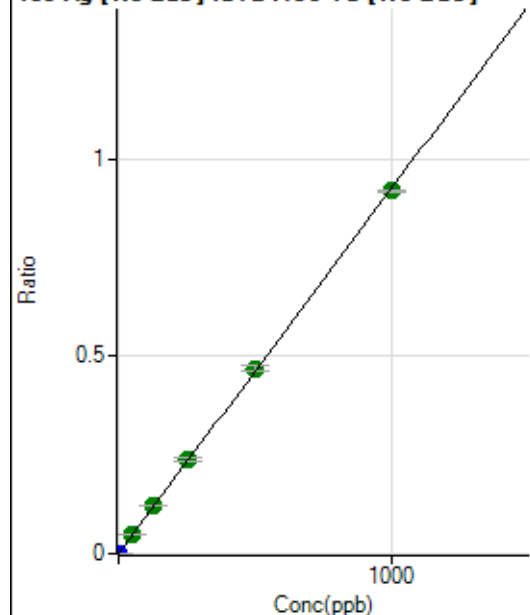
$$DL = 0.03448$$

$$BEC = 0.05717$$

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	46.66	0.0000	P	24.7
2	☐	1.000	1.056	31093.34	0.0010	P	2.4
3	☐	50.000	54.433	1694769.77	0.0503	A	0.8
4	☐	125.000	132.488	4118311.05	0.1225	A	1.6
5	☐	250.000	258.198	7986630.92	0.2387	A	2.3
6	☐	500.000	506.709	15704654.77	0.4685	A	2.9
7	☐	1000.000	993.438	31070694.26	0.9185	A	0.5
8	☐			2656.95	0.0001	P	24.1

$$y = 9.2459\text{E-}004 * x + 1.4922\text{E-}006$$

$$R = 0.9999$$

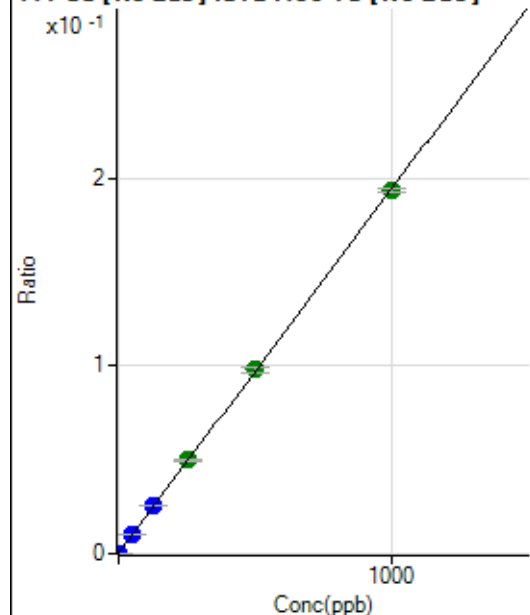
$$DL = 0.001196$$

$$BEC = 0.001614$$

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	6547.39	0.0002	P	2.8
2	☐	1.000	1.059	13187.58	0.0004	P	3.3
3	☐	50.000	53.618	357403.02	0.0106	P	1.1
4	☐	125.000	130.481	858311.07	0.0255	P	0.9
5	☐	250.000	256.482	1672079.53	0.0500	A	2.6
6	☐	500.000	505.013	3291976.64	0.0982	A	3.1
7	☐	1000.000	995.007	6538313.83	0.1933	A	1.2
8	☐			7066.89	0.0002	P	3.6

$$y = 1.9405\text{E-}004 * x + 2.0936\text{E-}004$$

$$R = 1.0000$$

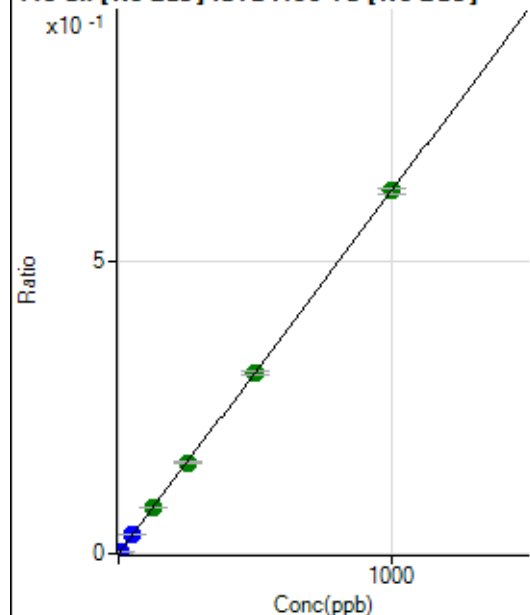
$$DL = 0.08993$$

$$BEC = 1.079$$

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	3667.17	0.0001	P	3.9
2	☐	5.000	5.128	104611.77	0.0033	P	1.6
3	☐	50.000	51.121	1069052.04	0.0317	P	1.4
4	☐	125.000	126.278	2630900.76	0.0783	A	1.7
5	☐	250.000	250.230	5183660.90	0.1550	A	2.8
6	☐	500.000	498.930	10353590.26	0.3088	A	2.4
7	☐	1000.000	1000.261	20939496.35	0.6191	A	1.3
8	☐			18407.40	0.0006	P	3.1

$$y = 6.1877\text{E-}004 * x + 1.1729\text{E-}004$$

$$R = 1.0000$$

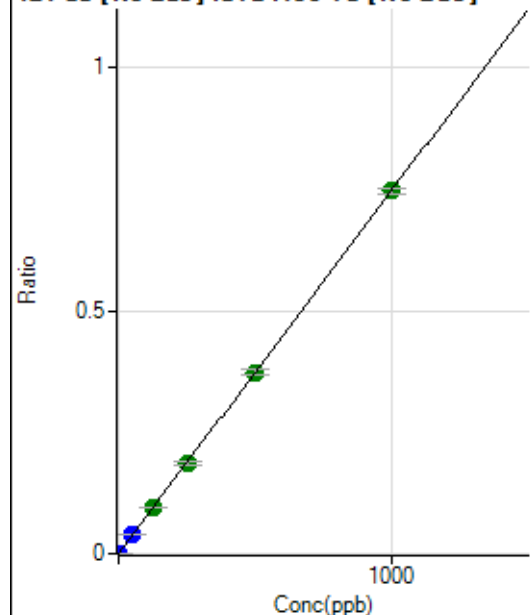
$$DL = 0.02238$$

$$BEC = 0.1895$$

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	47.78	0.0000	P	29.2
2	☐	2.000	2.042	48531.55	0.0015	P	1.3
3	☐	50.000	50.747	1275827.91	0.0379	P	1.3
4	☐	125.000	125.994	3162686.17	0.0941	A	0.9
5	☐	250.000	249.434	6230072.34	0.1862	A	3.2
6	☐	500.000	500.480	12526687.73	0.3737	A	2.3
7	☐	1000.000	999.740	25248195.46	0.7464	A	1.6
8	☐			18226.50	0.0006	P	19.0

$$y = 7.4662\text{E-}004 * x + 1.5285\text{E-}006$$

$$R = 1.0000$$

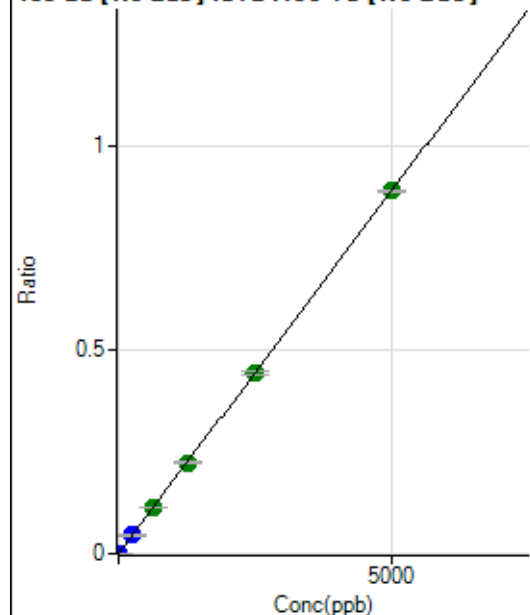
$$DL = 0.001792$$

$$BEC = 0.002047$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0000	P	40.3
2	☐	10.000	10.030	56908.81	0.0018	P	2.3
3	☐	250.000	252.246	1513277.04	0.0449	P	1.9
4	☐	625.000	626.135	3750580.64	0.1116	A	0.8
5	☐	1250.000	1252.620	7466190.65	0.2232	A	2.3
6	☐	2500.000	2494.902	14900475.47	0.4445	A	2.8
7	☐	5000.000	5001.640	30142918.72	0.8911	A	0.9
8	☐			11063.28	0.0004	P	9.5

$$y = 1.7816E-004 * x + 3.0956E-006$$

$$R = 1.0000$$

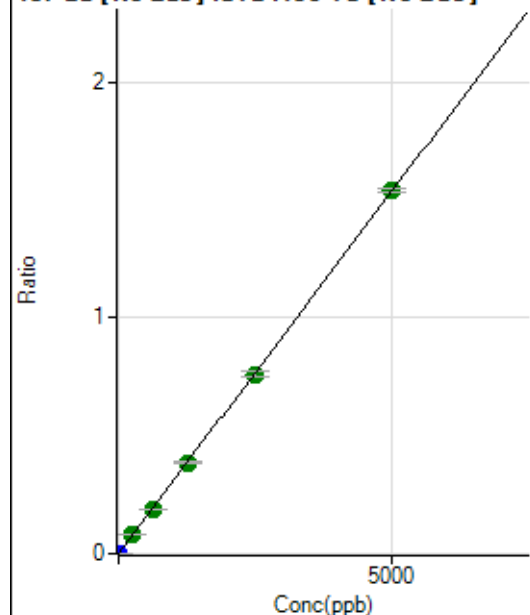
$$DL = 0.021$$

$$BEC = 0.01738$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	148.89	0.0000	P	4.6
2	☐	10.000	10.131	99100.80	0.0031	P	0.8
3	☐	250.000	253.610	2623689.27	0.0779	A	0.6
4	☐	625.000	619.658	6400132.54	0.1904	A	1.0
5	☐	1250.000	1254.777	12896511.06	0.3855	A	1.8
6	☐	2500.000	2478.141	25520571.56	0.7613	A	2.6
7	☐	5000.000	5010.222	52066205.89	1.5392	A	1.0
8	☐			18529.99	0.0006	P	9.7

$$y = 3.0721E-004 * x + 4.7616E-006$$

$$R = 1.0000$$

$$DL = 0.002147$$

$$BEC = 0.0155$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			17.78		P	28.6
3	☐			77.78		P	23.6
4	☐			167.78		P	14.1
5	☐			314.45		P	6.9
6	☐			642.24		P	6.0
7	☐			1188.95		P	7.2
8	☐			482.24		P	8.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			5.56		P	34.7
3	☐			28.89		P	37.1
4	☐			48.89		P	32.2
5	☐			87.78		P	24.7
6	☐			140.00		P	20.3
7	☐			284.45		P	9.8
8	☐			306.67		P	12.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	52.1
2	☐			56.67		P	42.4
3	☐			95.56		P	19.8
4	☐			136.67		P	22.4
5	☐			198.89		P	21.6
6	☐			327.79		P	11.9
7	☐			517.79		P	9.8
8	☐			845.59		P	8.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	15.8
2	☐			32.22		P	33.3
3	☐			88.89		P	11.5
4	☐			202.23		P	9.5
5	☐			335.56		P	7.2
6	☐			614.47		P	11.3
7	☐			1382.31		P	3.0
8	☐			642.24		P	7.8

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

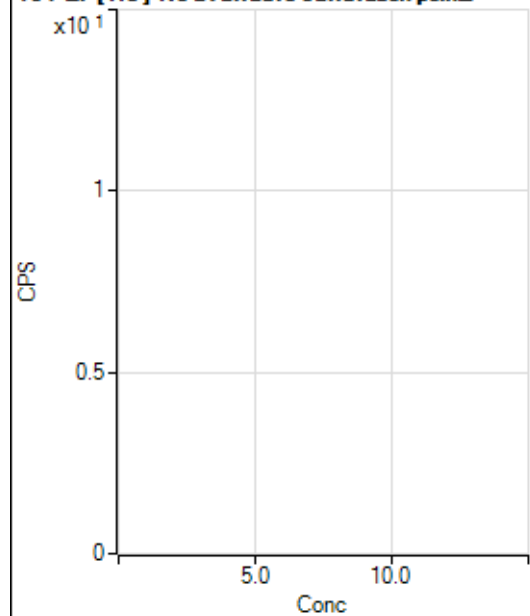
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			136.67		P	20.8
2	☐			165.56		P	23.2
3	☐			152.23		P	12.1
4	☐			183.34		P	14.2
5	☐			238.89		P	11.4
6	☐			267.78		P	6.4
7	☐			367.78		P	22.2
8	☐			851.15		P	12.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1111.17		P	1.9
2	☐			1171.17		P	7.4
3	☐			1148.95		P	2.2
4	☐			1208.96		P	6.3
5	☐			1211.18		P	8.4
6	☐			1307.85		P	7.0
7	☐			1278.96		P	4.2
8	☐			1571.22		P	8.9

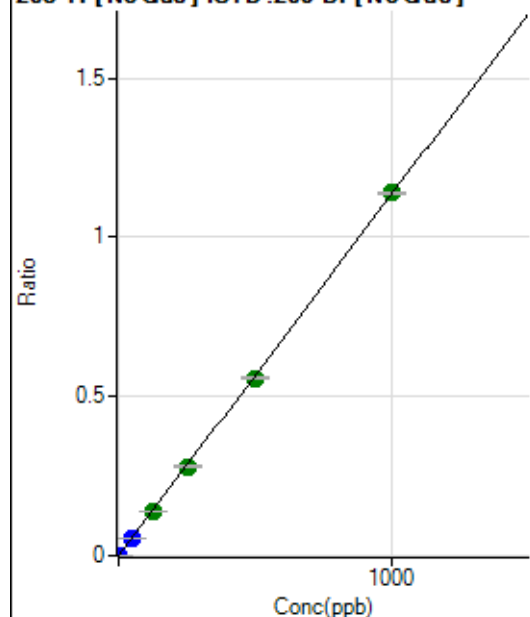
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	10.9
2	☐			125.56		P	15.1
3	☐			171.12		P	11.9
4	☐			185.56		P	17.7
5	☐			204.45		P	9.0
6	☐			277.78		P	5.9
7	☐			437.79		P	4.9
8	☐			907.82		P	5.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	19.8
2	☐			63.33		P	5.3
3	☐			108.89		P	10.7
4	☐			113.34		P	20.6
5	☐			150.00		P	10.2
6	☐			193.33		P	11.9
7	☐			300.01		P	1.1
8	☐			657.80		P	8.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	178.89	0.0000	P	12.1
2	☐	1.000	0.961	19728.82	0.0011	P	0.8
3	☐	50.000	49.205	1061393.40	0.0558	P	1.0
4	☐	125.000	122.604	2629349.61	0.1390	A	0.8
5	☐	250.000	247.631	5233604.19	0.2807	A	1.8
6	☐	500.000	492.274	10370735.40	0.5581	A	1.1
7	☐	1000.000	1004.795	20935999.55	1.1391	A	0.8
8	☐			1731.25	0.0001	P	30.9

$$y = 0.0011 * x + 1.0238E-005$$

$$R = 1.0000$$

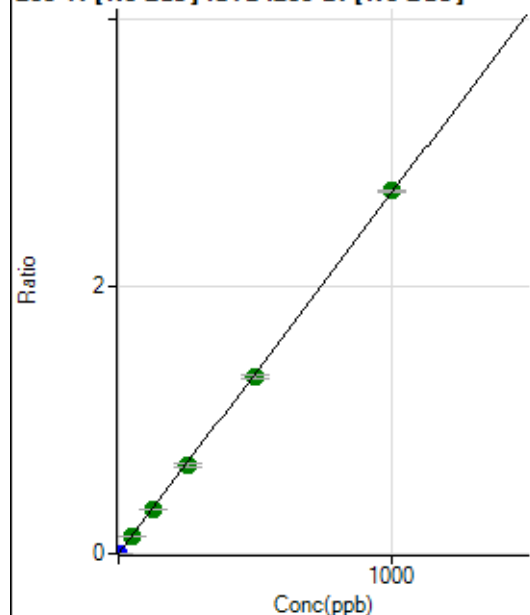
$$DL = 0.003282$$

$$BEC = 0.009031$$

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	474.46	0.0000	P	14.7
2	☐	1.000	0.966	47296.34	0.0026	P	0.7
3	☐	50.000	48.852	2510754.60	0.1320	A	2.3
4	☐	125.000	121.841	6225702.55	0.3291	A	1.6
5	☐	250.000	244.359	12305153.15	0.6601	A	2.9
6	☐	500.000	492.502	24720340.74	1.3304	A	2.1
7	☐	1000.000	1005.612	49926191.48	2.7163	A	0.5
8	☐			3963.99	0.0003	P	28.5

$$y = 0.0027 * x + 2.7153E-005$$

$$R = 0.9999$$

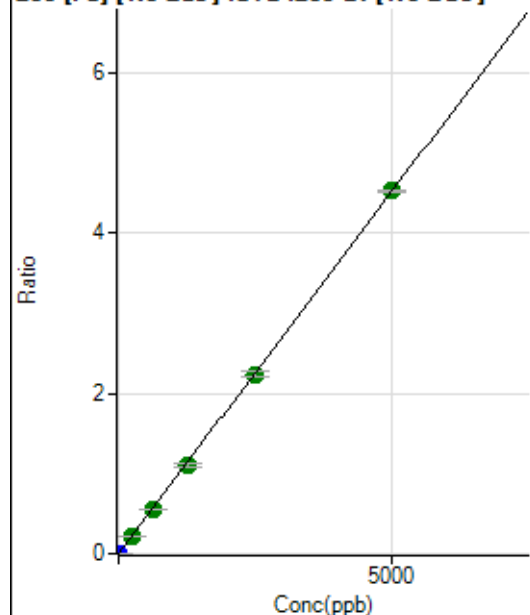
$$DL = 0.004421$$

$$BEC = 0.01005$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.46	0.0000	P	3.7
2	☐	1.000	0.975	16273.19	0.0009	P	0.6
3	☐	250.000	245.105	4204356.85	0.2210	A	1.1
4	☐	625.000	609.812	10399623.46	0.5498	A	1.3
5	☐	1250.000	1223.571	20564489.00	1.1031	A	2.9
6	☐	2500.000	2485.545	41636972.16	2.2408	A	2.4
7	☐	5000.000	5015.978	83117609.87	4.5221	A	0.2
8	☐			12673.87	0.0008	P	16.6

$$y = 9.0153\text{E-}004 * x + 2.8303\text{E-}005$$

$$R = 1.0000$$

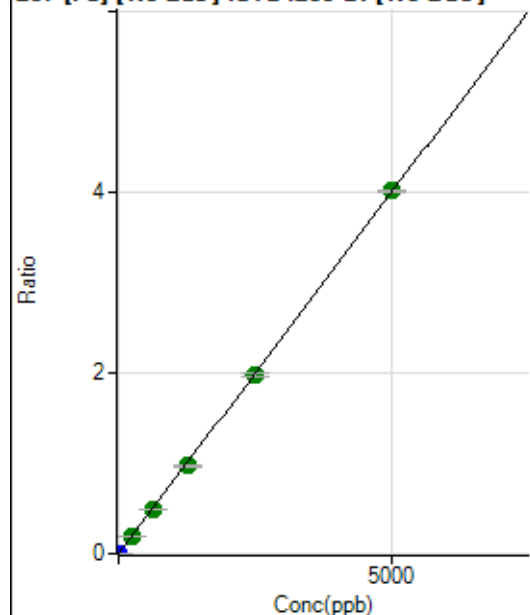
$$DL = 0.003505$$

$$BEC = 0.03139$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	428.90	0.0000	P	11.4
2	☐	1.000	0.984	14553.44	0.0008	P	0.7
3	☐	250.000	247.656	3768444.39	0.1981	A	0.5
4	☐	625.000	608.718	9208393.82	0.4868	A	1.7
5	☐	1250.000	1218.357	18164596.12	0.9744	A	1.8
6	☐	2500.000	2478.937	36837686.95	1.9825	A	2.0
7	☐	5000.000	5020.595	73800208.34	4.0151	A	0.2
8	☐			11086.91	0.0007	P	14.8

$$y = 7.9972\text{E-}004 * x + 2.4555\text{E-}005$$

$$R = 1.0000$$

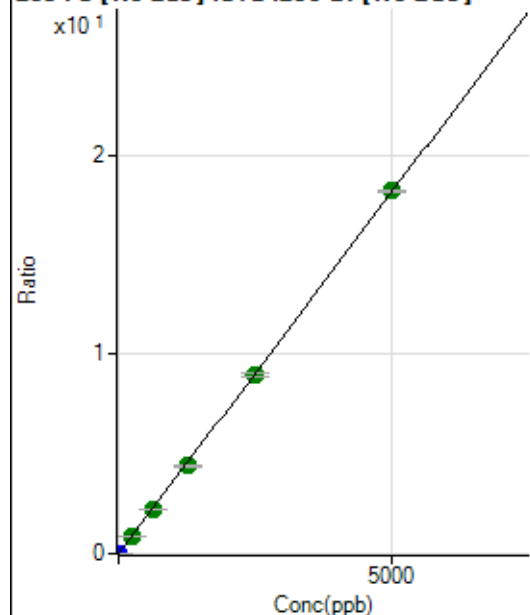
$$DL = 0.01051$$

$$BEC = 0.0307$$

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	1921.18	0.0001	P	1.6
2	☐	1.000	0.981	65734.76	0.0037	P	0.4
3	☐	250.000	245.794	16945810.27	0.8907	A	0.6
4	☐	625.000	608.733	41723340.56	2.2058	A	1.5
5	☐	1250.000	1220.647	82455985.02	4.4230	A	2.3
6	☐	2500.000	2472.744	166495305.57	8.9599	A	1.6
7	☐	5000.000	5023.210	334554482.23	18.2014	A	0.2
8	☐			49980.98	0.0033	P	16.1

$$y = 0.0036 * x + 1.0998E-004$$

$$R = 1.0000$$

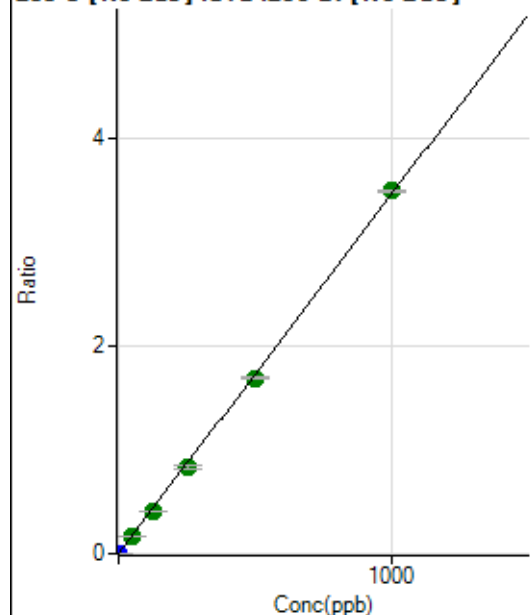
$$DL = 0.001442$$

$$BEC = 0.03035$$

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	38.89	0.0000	P	9.6
2	☐	1.000	0.935	58006.67	0.0032	P	0.7
3	☐	50.000	48.006	3158472.28	0.1660	A	1.0
4	☐	125.000	119.204	7797733.91	0.4122	A	0.7
5	☐	250.000	240.842	15526526.57	0.8329	A	3.2
6	☐	500.000	487.260	31313556.48	1.6850	A	1.0
7	☐	1000.000	1009.484	64164415.71	3.4910	A	0.5
8	☐			2543.71	0.0002	P	74.0

$$y = 0.0035 * x + 2.2259E-006$$

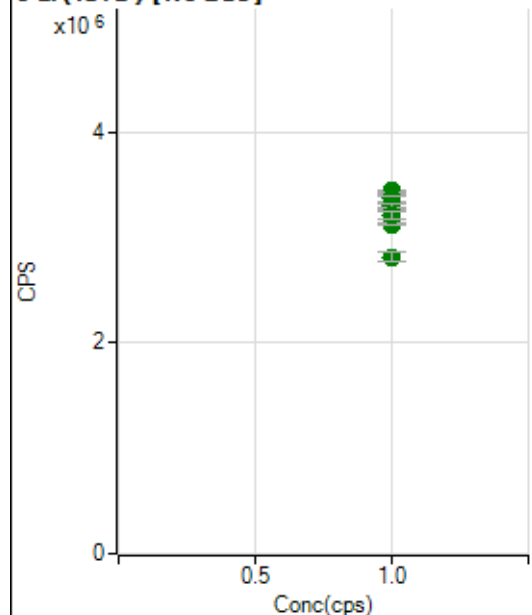
$$R = 0.9998$$

$$DL = 0.0001857$$

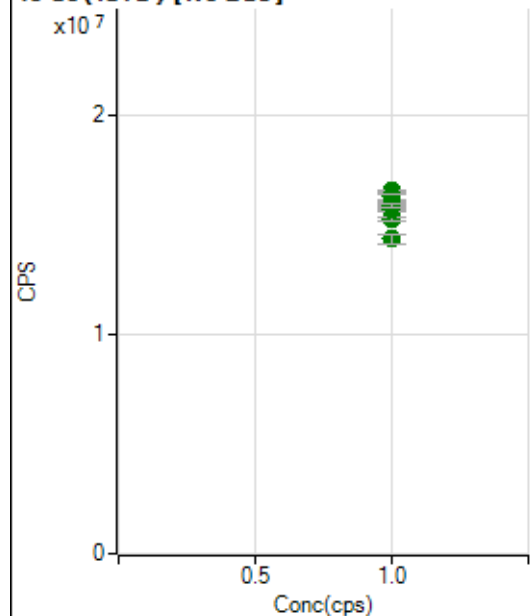
$$BEC = 0.0006437$$

Weight: <None>

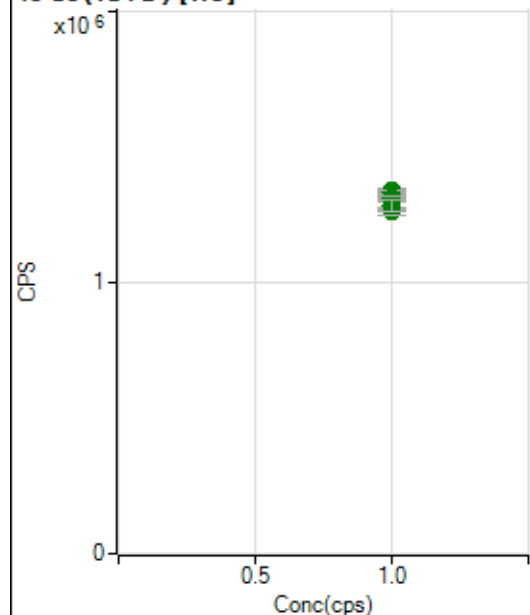
Min Conc: 0

6 Li (ISTD) [No Gas]

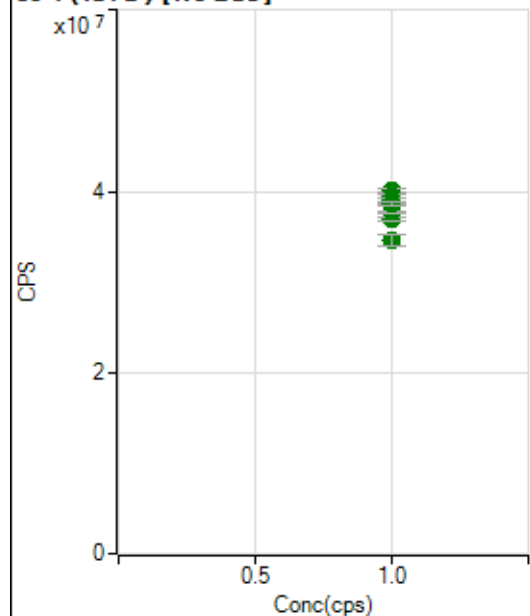
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3123419.66		A	1.0
2	☐	1.000		3253167.29		A	0.5
3	☐	1.000		3438321.08		A	0.3
4	☐	1.000		3422058.96		A	0.7
5	☐	1.000		3365909.54		A	1.4
6	☐	1.000		3296780.80		A	1.4
7	☐	1.000		3208586.96		A	1.8
8	☐	1.000		2811303.19		A	3.3

45 Sc (ISTD) [No Gas]

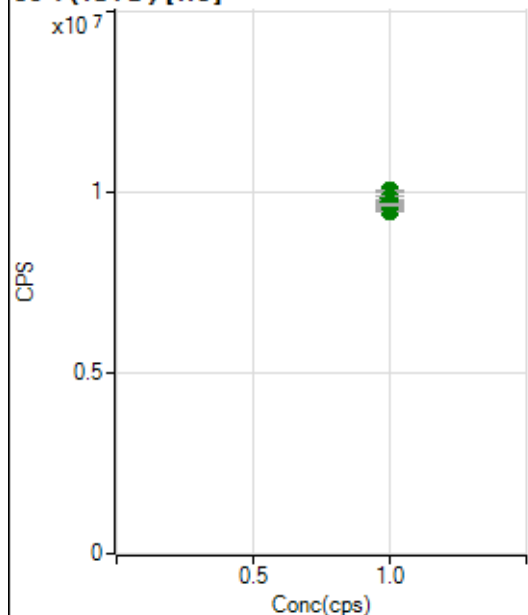
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15244830.74		A	0.8
2	☐	1.000		15638927.82		A	0.7
3	☐	1.000		16526326.84		A	0.3
4	☐	1.000		16258070.73		A	1.7
5	☐	1.000		15979682.81		A	0.9
6	☐	1.000		15714813.52		A	2.1
7	☐	1.000		15834026.01		A	1.3
8	☐	1.000		14322275.20		A	3.1

45 Sc (ISTD) [He]

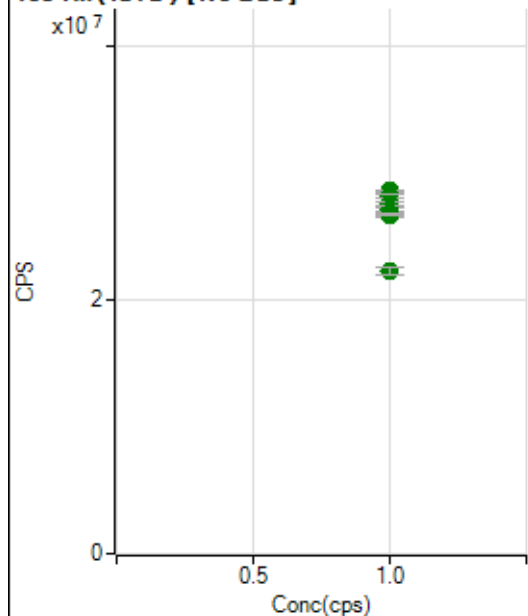
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1260108.58		A	1.4
2	☐	1.000		1307461.16		A	1.1
3	☐	1.000		1338755.00		A	1.1
4	☐	1.000		1334146.92		A	1.3
5	☐	1.000		1287639.85		A	1.2
6	☐	1.000		1311918.03		A	1.2
7	☐	1.000		1311883.52		A	0.8
8	☐	1.000		1286028.37		A	3.2

89 Y (ISTD) [No Gas]

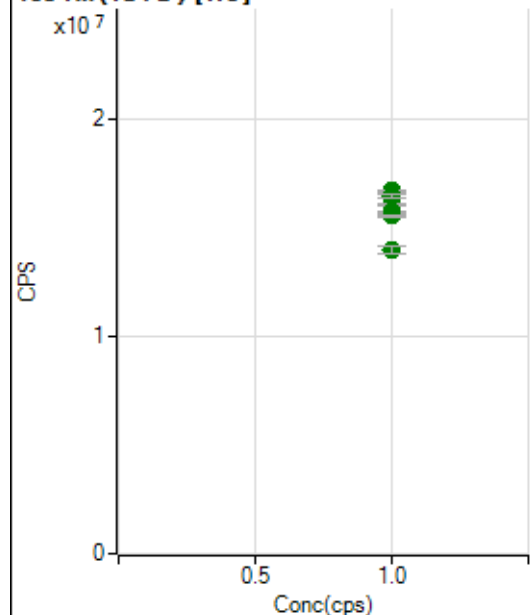
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		36965475.00		A	1.4
2	☐	1.000		37734206.94		A	0.8
3	☐	1.000		40045871.90		A	1.2
4	☐	1.000		39503054.97		A	0.9
5	☐	1.000		39043067.48		A	0.9
6	☐	1.000		39021314.70		A	1.7
7	☐	1.000		38600504.70		A	0.9
8	☐	1.000		34599830.88		A	3.5

89 Y (ISTD) [He]

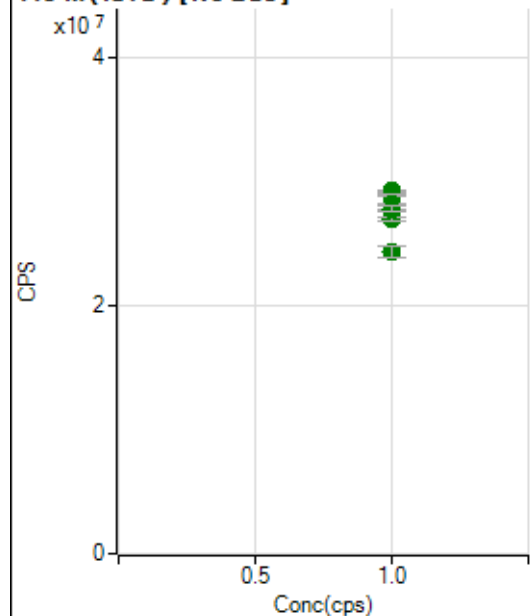
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9472608.40		A	0.4
2	☐	1.000		9631194.30		A	1.2
3	☐	1.000		10002282.15		A	0.5
4	☐	1.000		10019323.11		A	0.7
5	☐	1.000		9731261.45		A	0.4
6	☐	1.000		9708699.44		A	1.0
7	☐	1.000		9829866.80		A	0.9
8	☐	1.000		9652321.66		A	0.4

103 Rh (ISTD) [No Gas]

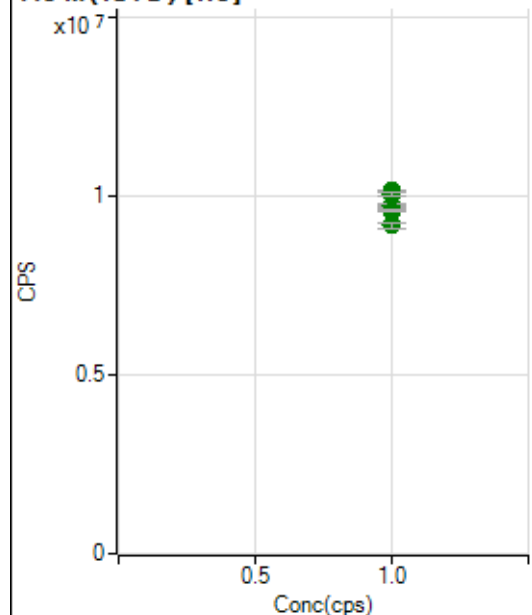
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		26614232.38		A	0.4
2	☐	1.000		27293867.65		A	0.3
3	☐	1.000		28573359.85		A	0.5
4	☐	1.000		28143792.92		A	1.0
5	☐	1.000		27495148.48		A	1.1
6	☐	1.000		27129137.10		A	1.7
7	☐	1.000		26737170.71		A	0.6
8	☐	1.000		22247323.28		A	3.0

103 Rh (ISTD) [He]

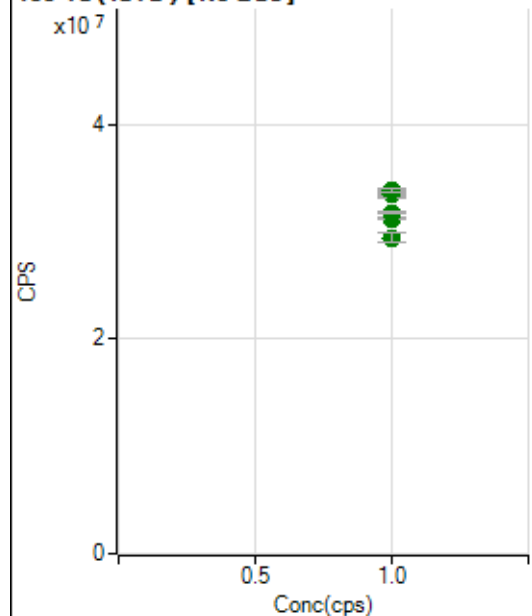
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15691978.65		A	0.1
2	☐	1.000		16074476.98		A	0.4
3	☐	1.000		16730572.53		A	0.7
4	☐	1.000		16485480.59		A	0.8
5	☐	1.000		15745590.46		A	0.3
6	☐	1.000		15765550.74		A	0.8
7	☐	1.000		15594627.27		A	0.5
8	☐	1.000		14011518.82		A	2.4

115 In (ISTD) [No Gas]

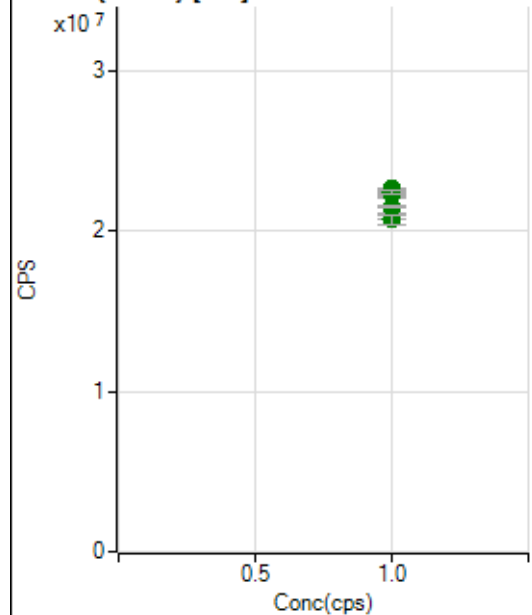
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		26975035.57		A	1.5
2	☐	1.000		27716028.16		A	0.4
3	☐	1.000		29230635.45		A	0.6
4	☐	1.000		28922472.19		A	0.6
5	☐	1.000		28163417.15		A	0.6
6	☐	1.000		28199489.89		A	0.5
7	☐	1.000		27775121.30		A	1.9
8	☐	1.000		24322109.44		A	3.6

115 In (ISTD) [He]

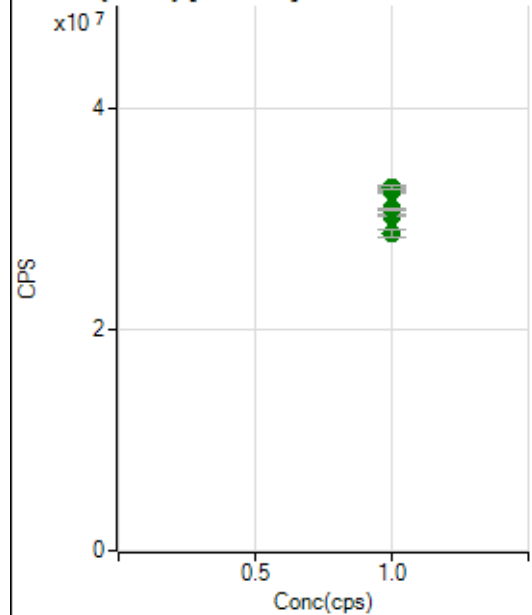
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9583180.43		A	0.6
2	☐	1.000		9732151.42		A	0.4
3	☐	1.000		10127065.69		A	0.8
4	☐	1.000		10046745.29		A	1.0
5	☐	1.000		9669196.39		A	0.4
6	☐	1.000		9719947.05		A	0.7
7	☐	1.000		9581194.91		A	0.1
8	☐	1.000		9152257.63		A	2.2

159 Tb (ISTD) [No Gas]

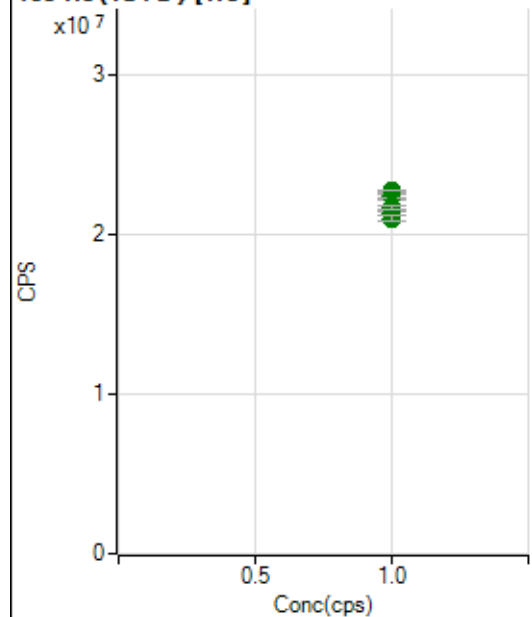
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31269612.03		A	0.6
2	☐	1.000		31793303.69		A	0.4
3	☐	1.000		33674997.27		A	1.2
4	☐	1.000		33621343.94		A	0.7
5	☐	1.000		33459781.17		A	1.1
6	☐	1.000		33533167.56		A	1.9
7	☐	1.000		33827696.72		A	0.9
8	☐	1.000		29442203.73		A	3.0

159 Tb (ISTD) [He]

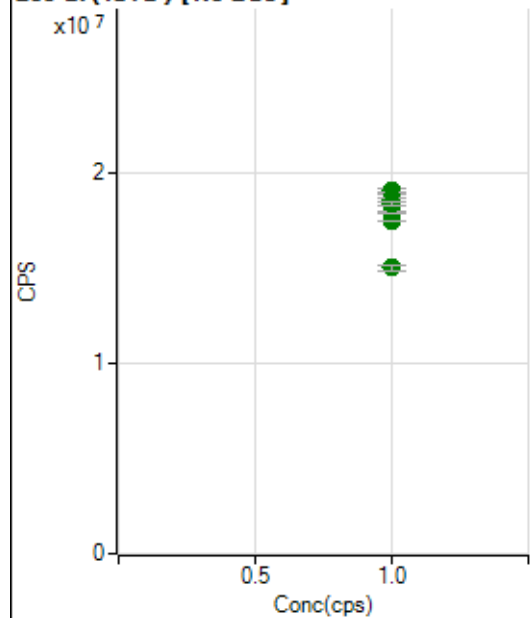
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		20957015.38		A	1.3
2	☐	1.000		21529526.07		A	0.8
3	☐	1.000		22387347.16		A	0.4
4	☐	1.000		22654763.00		A	0.7
5	☐	1.000		22276644.39		A	1.7
6	☐	1.000		22355701.89		A	1.2
7	☐	1.000		22477183.00		A	0.8
8	☐	1.000		20760001.36		A	2.9

165 Ho (ISTD) [No Gas]

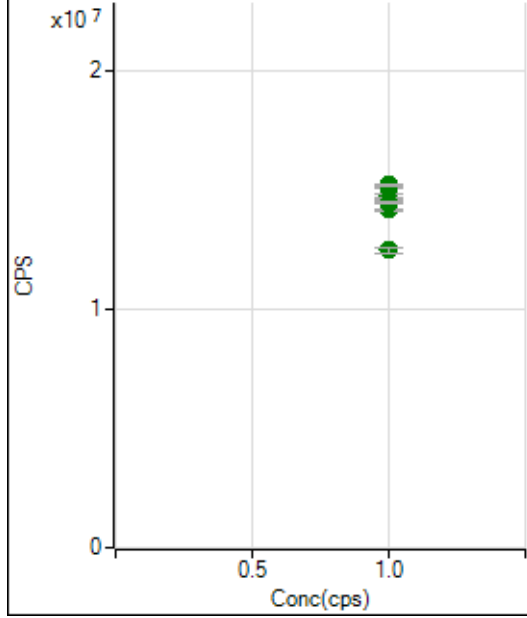
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		30270905.94		A	0.8
2	☐	1.000		30882090.65		A	0.8
3	☐	1.000		32608416.46		A	0.6
4	☐	1.000		32765565.62		A	0.9
5	☐	1.000		32413060.35		A	0.6
6	☐	1.000		32626005.35		A	0.8
7	☐	1.000		32784660.07		A	1.0
8	☐	1.000		28620539.29		A	2.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21347535.10		A	0.9
2	☐	1.000		21712941.06		A	0.8
3	☐	1.000		22607593.00		A	0.9
4	☐	1.000		22645833.00		A	1.2
5	☐	1.000		22436381.61		A	1.9
6	☐	1.000		22444878.00		A	0.8
7	☐	1.000		22764932.44		A	0.1
8	☐	1.000		21045227.88		A	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17468878.07		A	0.3
2	☐	1.000		17935524.73		A	0.7
3	☐	1.000		19025400.41		A	0.9
4	☐	1.000		18916366.39		A	0.6
5	☐	1.000		18643174.31		A	0.4
6	☐	1.000		18584623.19		A	1.2
7	☐	1.000		18380492.23		A	1.0
8	☐	1.000		14984167.97		A	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14145111.32		A	0.4
2	☐	1.000		14508392.01		A	0.4
3	☐	1.000		15126168.25		A	0.4
4	☐	1.000		15197622.97		A	0.8
5	☐	1.000		14762499.36		A	1.1
6	☐	1.000		14612313.12		A	0.4
7	☐	1.000		14432046.31		A	0.7
8	☐	1.000		12456675.51		A	1.7