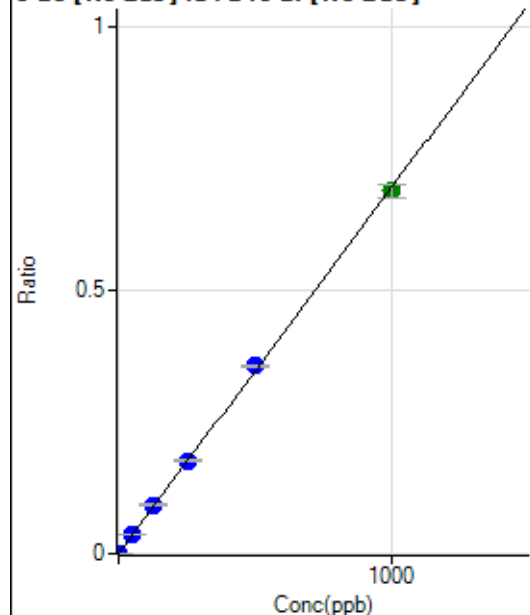


Calibration for 003CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8080823MS.b\
 Analysis File: P8080823MS.batch.bin
 DA Date-Time: 2023-08-08 12:19:25
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-08 07:48:05
2	006CALS.d	S02	2023-08-08 07:54:17
3	007CALS.d	S03	2023-08-08 07:57:22
4	008CALS.d	S04	2023-08-08 08:00:23
5	009CALS.d	S05	2023-08-08 08:03:22
6	010CALS.d	S06	2023-08-08 08:06:23
7	011CALS.d	S07	2023-08-08 08:09:21
8	012CALS.d	S08	2023-08-08 08:12:22

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.73	0.0001	P	17.5
2	☐	1.000	1.056	1596.97	0.0008	P	4.1
3	☐	50.000	53.011	72345.12	0.0369	P	2.9
4	☐	125.000	132.846	176383.30	0.0924	P	1.8
5	☐	250.000	254.014	338878.54	0.1766	P	2.1
6	☐	500.000	512.905	633781.03	0.3564	P	1.7
7	☐	1000.000	991.412	1191507.14	0.6889	A	3.7
8	☐			161.65	0.0001	P	3.5

$$y = 6.9480E-004 * x + 7.1365E-005$$

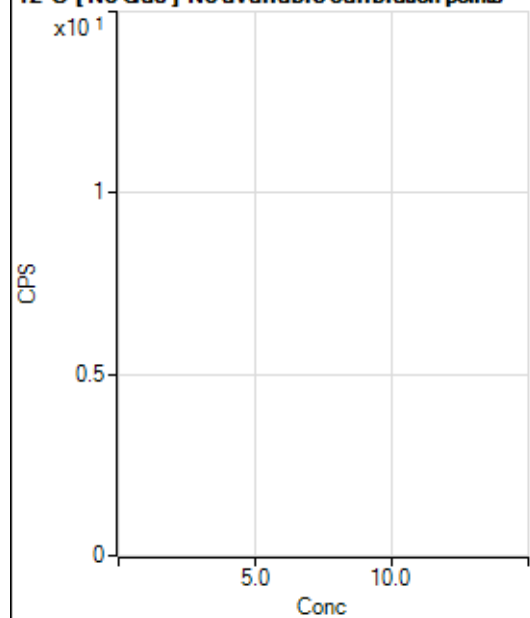
$$R = 0.9998$$

$$DL = 0.05391$$

Weight: <None>

Min Conc: 0

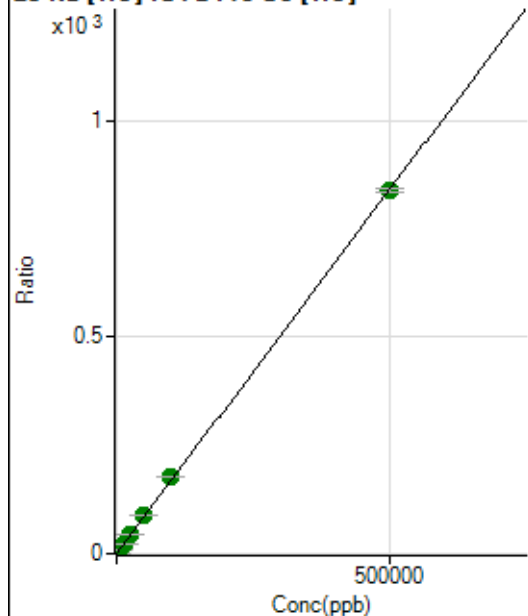
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2213841.55		A	0.2
2	☐			2194631.04		A	0.5
3	☐			2222415.09		A	0.8
4	☐			2187215.33		A	0.6
5	☐			2179029.52		A	1.2
6	☐			2081027.76		A	1.0
7	☐			2245421.53		A	1.5
8	☐			2298692.91		A	3.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28517.00		P	0.2
2	☐			29296.48		P	0.1
3	☐			29338.27		P	0.9
4	☐			30011.77		P	2.0
5	☐			29421.76		P	2.9
6	☐			28569.97		P	1.6
7	☐			32842.72		P	2.1
8	☐			39063.66		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17452.49	0.1336	P	1.9
2	☐	500.000	514.590	128451.19	0.9987	P	1.9
3	☐	5000.000	5409.755	1218502.26	9.2279	A	2.9
4	☐	12500.000	13395.763	2836438.22	22.6531	A	3.2
5	☐	25000.000	26456.445	5464122.04	44.6093	A	0.8
6	☐	50000.000	52999.042	10407049.45	89.2299	A	2.7
7	☐	100000.00	105077.49	20264940.73	176.7785	A	0.7
8	☐	500000.00	498585.26	100494994.6	838.3013	A	1.0

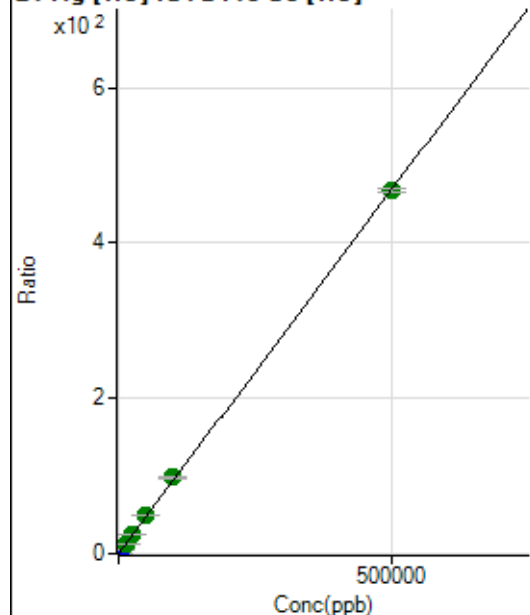
$$y = 0.0017 * x + 0.1336$$

$$R = 0.9999$$

$$DL = 4.605$$

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	233.34	0.0018	P	12.4
2	☐	500.000	519.757	62850.14	0.4885	P	1.5
3	☐	5000.000	5600.014	692666.19	5.2453	P	1.8
4	☐	12500.000	13672.907	1603442.45	12.8043	A	1.6
5	☐	25000.000	26797.832	3072728.30	25.0937	A	3.3
6	☐	50000.000	52888.125	5775685.98	49.5231	A	2.9
7	☐	100000.00	104619.55	11229652.25	97.9613	A	1.1
8	☐	500000.00	498662.04	55972468.61	466.9191	A	1.0

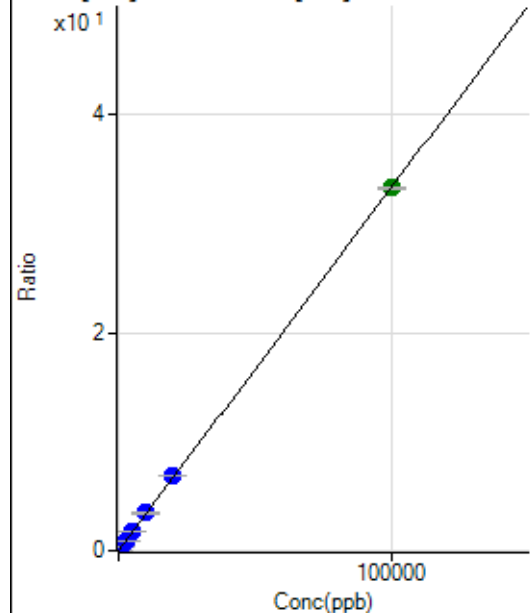
$$y = 9.3634\text{E-}004 * x + 0.0018$$

$$R = 0.9999$$

$$DL = 0.7079$$

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	125.40	0.0010	P	16.9
2	☐	20.000	20.402	998.66	0.0078	P	2.0
3	☐	1000.000	1048.284	46285.96	0.3505	P	1.4
4	☐	2500.000	2650.531	110795.36	0.8847	P	1.7
5	☐	5000.000	5155.112	210648.89	1.7199	P	1.4
6	☐	10000.000	10357.596	402925.15	3.4546	P	2.5
7	☐	20000.000	20502.946	783800.76	6.8374	P	1.1
8	☐	100000.00	99851.649	3991502.81	33.2951	A	0.4

$$y = 3.3344\text{E-}004 * x + 9.6058\text{E-}004$$

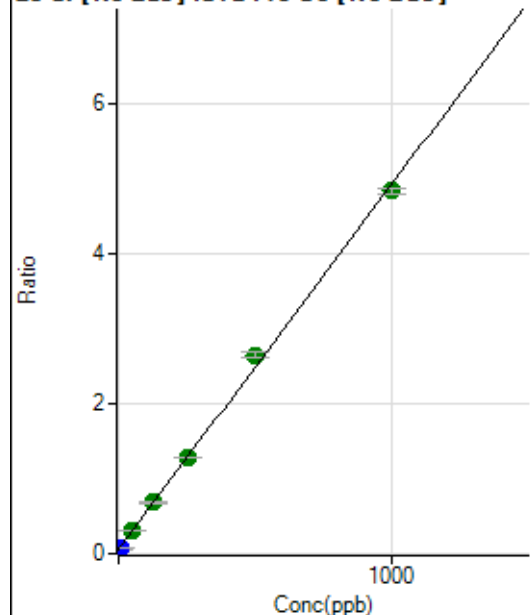
$$R = 1.0000$$

$$DL = 1.462$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	214328.79	0.0584	P	1.1
2	☐	10.000	1.599	249809.39	0.0661	P	2.0
3	☐	50.000	52.341	1165802.53	0.3125	A	0.8
4	☐	125.000	128.509	2504064.45	0.6824	A	1.6
5	☐	250.000	250.710	4610396.20	1.2758	A	0.5
6	☐	500.000	533.159	9097142.30	2.6474	A	2.5
7	☐	1000.000	982.772	15765777.61	4.8307	A	1.7
8	☐			856877.48	0.2575	P	13.3

$$y = 0.0049 * x + 0.0584$$

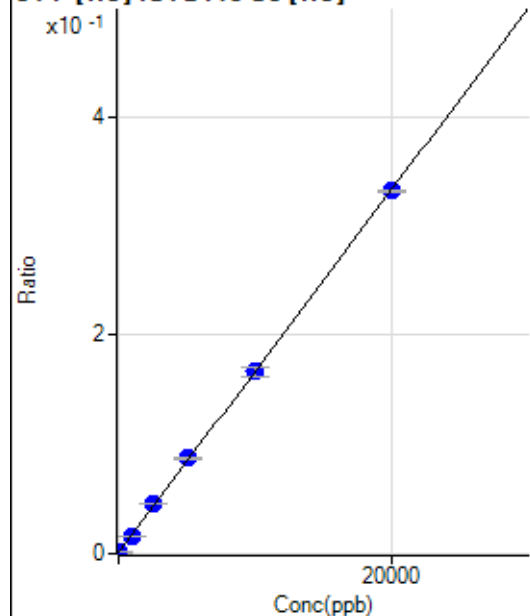
$$R = 0.9991$$

$$DL = 0.4018$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-6.941	113.89	0.0009	P	10.4
2	☐	0.000	6.941	141.67	0.0011	P	17.7
3	☐	1000.000	907.333	2119.65	0.0160	P	7.5
4	☐	2500.000	2708.068	5751.30	0.0459	P	2.5
5	☐	5000.000	5189.918	10668.07	0.0871	P	1.5
6	☐	10000.000	9984.644	19430.07	0.1667	P	5.1
7	☐	20000.000	19938.824	38039.35	0.3318	P	0.4
8	☐			102.78	0.0009	P	24.6

$$y = 1.6592E-005 * x + 9.8646E-004$$

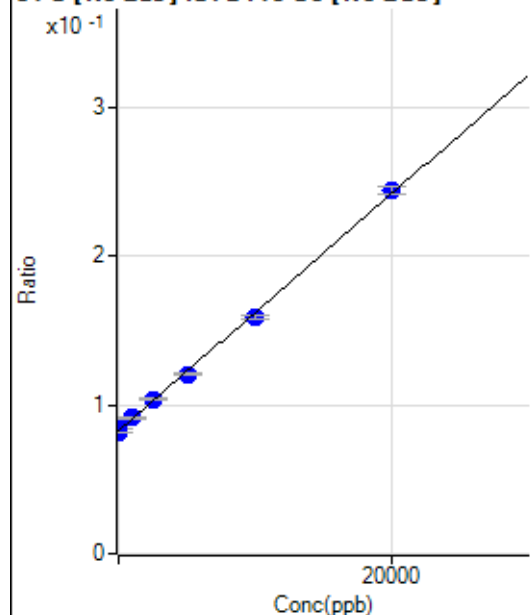
$$R = 0.9999$$

$$DL = 25.79$$

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	150.190	308010.05	0.0839	P	0.6
2	☐	0.000	-150.190	307812.56	0.0815	P	1.4
3	☐	1000.000	1062.573	340007.84	0.0911	P	0.7
4	☐	2500.000	2660.781	381190.26	0.1039	P	1.0
5	☐	5000.000	4747.865	435493.87	0.1205	P	1.0
6	☐	10000.000	9623.101	547643.10	0.1594	P	1.9
7	☐	20000.000	20228.257	795943.32	0.2439	P	2.1
8	☐			260300.92	0.0783	P	1.3

$$y = 7.9695E-006 * x + 0.0827$$

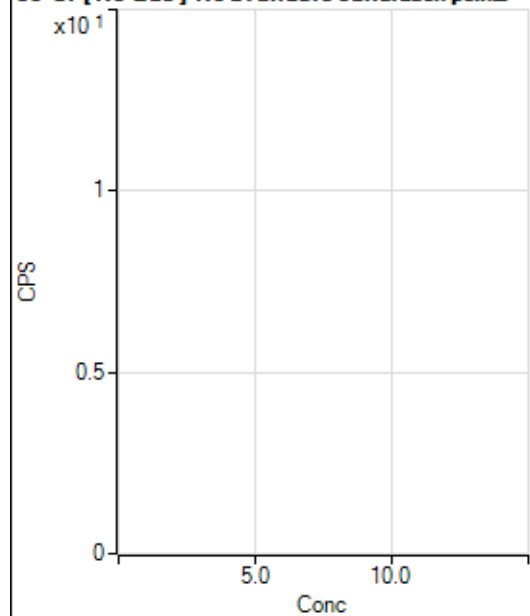
R = 0.9995

DL = 311.5

Weight: <None>

Min Conc: 0

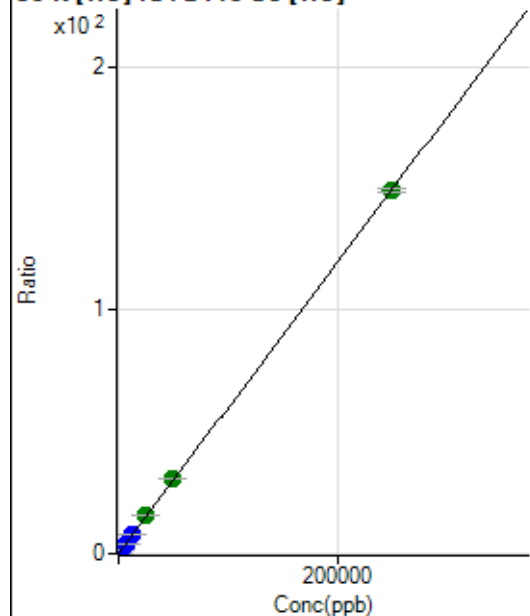
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91888.10		P	0.9
2	☐			92296.31		P	0.8
3	☐			101236.21		P	0.3
4	☐			101429.23		P	0.7
5	☐			98251.62		P	0.6
6	☐			90789.76		P	1.5
7	☐			95067.29		P	3.0
8	☐			100947.93		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			655.59		P	9.2
2	☐			675.03		P	19.4
3	☐			733.37		P	9.9
4	☐			683.37		P	6.5
5	☐			744.49		P	9.1
6	☐			672.26		P	14.3
7	☐			777.82		P	13.8
8	☐			783.37		P	18.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10084.33	0.0772	P	3.3
2	☐	500.000	489.908	47542.76	0.3696	P	1.2
3	☐	2500.000	2648.281	218902.90	1.6577	P	2.0
4	☐	6250.000	6693.136	509889.26	4.0716	P	1.5
5	☐	12500.000	13095.998	966679.43	7.8928	P	1.7
6	☐	25000.000	26089.035	1824937.69	15.6470	A	2.7
7	☐	50000.000	51592.282	3538294.44	30.8673	A	1.3
8	☐	250000.00	249530.29	17861668.46	148.9958	A	1.0

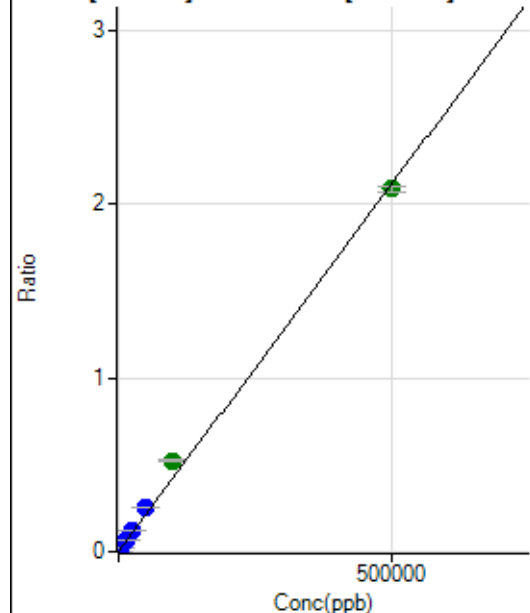
$$y = 5.9680E-004 * x + 0.0772$$

$$R = 1.0000$$

$$DL = 12.66$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	209.14	0.0001	P	8.4
2	☐	500.000	468.151	7692.36	0.0020	P	1.4
3	☐	5000.000	6061.848	95812.21	0.0257	P	1.2
4	☐	12500.000	15212.074	236207.54	0.0644	P	1.0
5	☐	25000.000	29807.359	455614.77	0.1261	P	0.3
6	☐	50000.000	59252.711	861082.28	0.2506	P	0.9
7	☐	100000.00	124141.98	1713197.94	0.5249	A	2.5
8	☐	500000.00	493927.57	6944494.50	2.0883	A	1.3

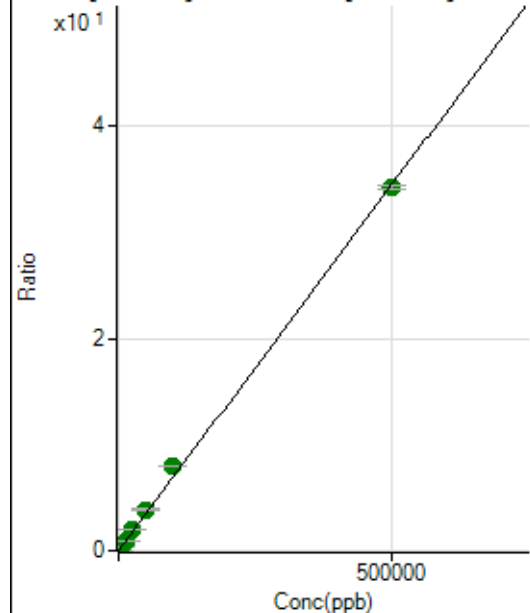
$$y = 4.2279\text{E-}006 * x + 5.6965\text{E-}005$$

$$R = 0.9987$$

$$DL = 3.395$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26666.63	0.0073	P	0.4
2	☐	500.000	469.389	149508.54	0.0396	P	1.3
3	☐	5000.000	5730.207	1498439.62	0.4017	A	2.3
4	☐	12500.000	14276.439	3633578.08	0.9901	A	0.6
5	☐	25000.000	27929.495	6974054.03	1.9300	A	1.4
6	☐	50000.000	56258.378	13334146.06	3.8802	A	1.2
7	☐	100000.00	115014.98	25867516.60	7.9252	A	1.0
8	☐	500000.00	496173.00	113605268.6	34.1650	A	1.2

$$y = 6.8842\text{E-}005 * x + 0.0073$$

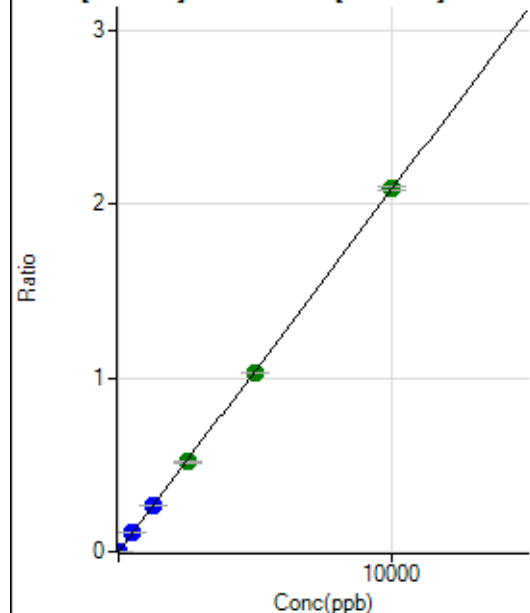
$$R = 0.9995$$

$$DL = 1.238$$

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	80.56	0.0000	P	33.8
2	☐	5.000	4.955	3981.22	0.0011	P	2.5
3	☐	500.000	513.338	398668.85	0.1069	P	1.4
4	☐	1250.000	1293.445	988114.79	0.2693	P	0.7
5	☐	2500.000	2472.298	1859691.82	0.5146	A	1.5
6	☐	5000.000	4949.557	3540828.86	1.0303	A	0.3
7	☐	10000.000	10026.049	6811885.39	2.0870	A	1.2
8	☐			647.26	0.0002	P	1.6

$$y = 2.0816E-004 * x + 2.1973E-005$$

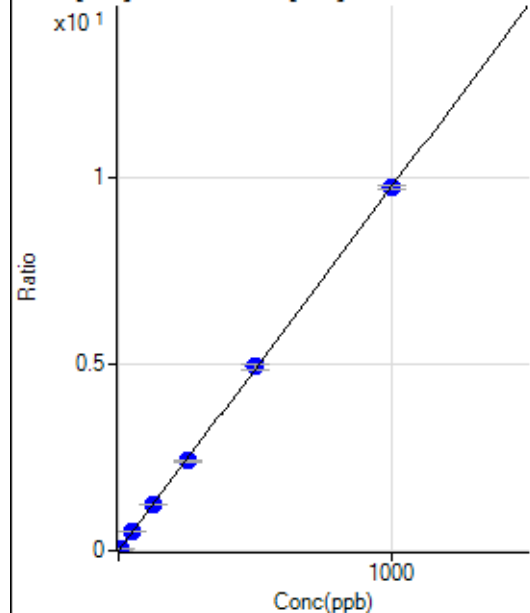
$$R = 1.0000$$

$$DL = 0.1071$$

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	50.00	0.0004	P	32.8
2	☐	5.000	4.753	5992.43	0.0466	P	2.9
3	☐	50.000	50.764	65237.68	0.4940	P	0.9
4	☐	125.000	126.684	154312.77	1.2322	P	1.2
5	☐	250.000	247.246	294487.65	2.4044	P	1.6
6	☐	500.000	505.316	573098.61	4.9137	P	2.7
7	☐	1000.000	997.783	1112195.55	9.7022	P	0.9
8	☐			271.12	0.0023	P	7.7

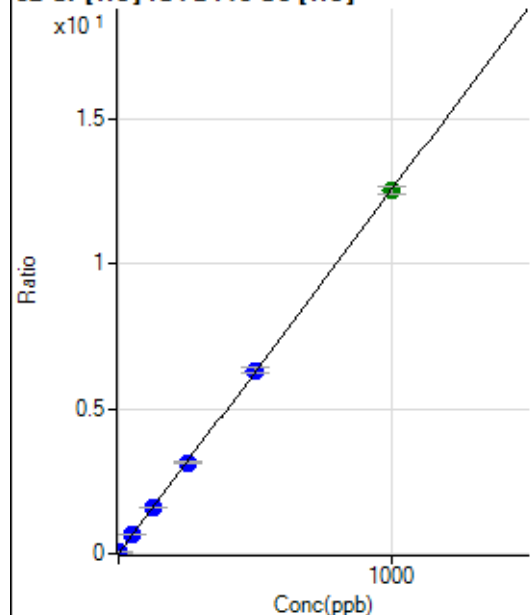
$$y = 0.0097 * x + 3.8211E-004$$

$$R = 1.0000$$

$$DL = 0.03864$$

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	1072.27	0.0082	P	4.8
2	☐	2.000	2.119	4470.74	0.0347	P	2.9
3	☐	50.000	50.773	85054.54	0.6441	P	2.1
4	☐	125.000	126.361	199207.26	1.5908	P	1.6
5	☐	250.000	249.915	384342.36	3.1382	P	1.8
6	☐	500.000	504.210	737473.02	6.3230	P	2.6
7	☐	1000.000	997.707	1433185.62	12.5036	A	2.1
8	☐			9266.42	0.0773	P	2.8

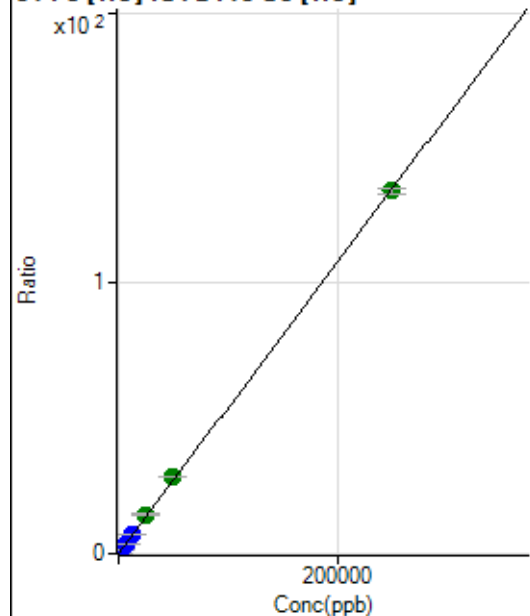
$$y = 0.0125 * x + 0.0082$$

$$R = 1.0000$$

$$DL = 0.09473$$

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	357.42	0.0027	P	3.5
2	☐	50.000	55.847	4219.21	0.0328	P	4.1
3	☐	2500.000	2705.281	192731.64	1.4596	P	2.5
4	☐	6250.000	6725.619	453868.17	3.6246	P	2.1
5	☐	12500.000	13246.864	874098.59	7.1363	P	1.0
6	☐	25000.000	27042.812	1698660.60	14.5656	A	3.2
7	☐	50000.000	52525.286	3242865.90	28.2883	A	0.6
8	☐	250000.00	249239.37	16089832.88	134.2212	A	1.6

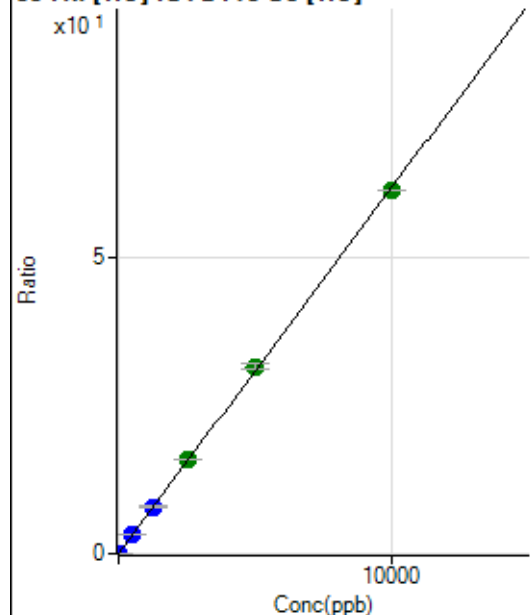
$$y = 5.3851E-004 * x + 0.0027$$

$$R = 0.9999$$

$$DL = 0.5329$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.78	0.0008	P	16.6
2	☐	1.000	0.984	887.82	0.0069	P	10.3
3	☐	500.000	517.863	422063.63	3.1962	P	2.3
4	☐	1250.000	1285.285	993307.47	7.9315	P	1.0
5	☐	2500.000	2572.221	1944299.33	15.8724	A	0.5
6	☐	5000.000	5119.148	3684112.62	31.5879	A	2.8
7	☐	10000.000	9917.067	7015217.67	61.1929	A	0.1
8	☐			5388.86	0.0450	P	3.6

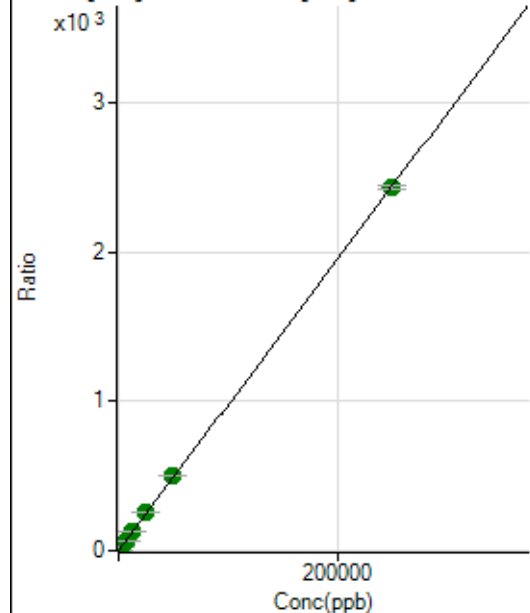
$$y = 0.0062 * x + 8.2600E-004$$

$$R = 0.9999$$

$$DL = 0.06667$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3015.18	0.0231	P	7.1
2	☐	50.000	52.407	68690.70	0.5340	P	1.8
3	☐	2500.000	2712.973	3496052.25	26.4749	A	2.2
4	☐	6250.000	6741.312	8234180.39	65.7516	A	1.6
5	☐	12500.000	13298.997	15883830.10	129.6898	A	1.8
6	☐	25000.000	26435.659	30064869.66	257.7737	A	2.6
7	☐	50000.000	51971.075	58092151.30	506.7468	A	0.8
8	☐	250000.00	249407.85	291515728.7	2.431777	A	0.9

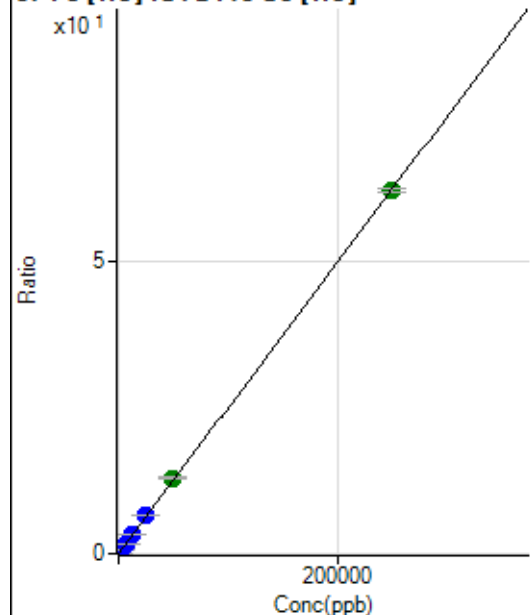
$$y = 0.0098 * x + 0.0231$$

$$R = 1.0000$$

$$DL = 0.501$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0010	P	14.8
2	☐	50.000	54.723	1874.23	0.0146	P	3.1
3	☐	2500.000	2650.977	87045.80	0.6592	P	2.4
4	☐	6250.000	6616.165	205813.93	1.6437	P	2.5
5	☐	12500.000	13010.598	395790.89	3.2313	P	1.2
6	☐	25000.000	26174.942	758093.19	6.4998	P	2.6
7	☐	50000.000	51976.973	1479644.59	12.9060	A	1.4
8	☐	250000.00	249450.91	7425395.88	61.9354	A	1.0

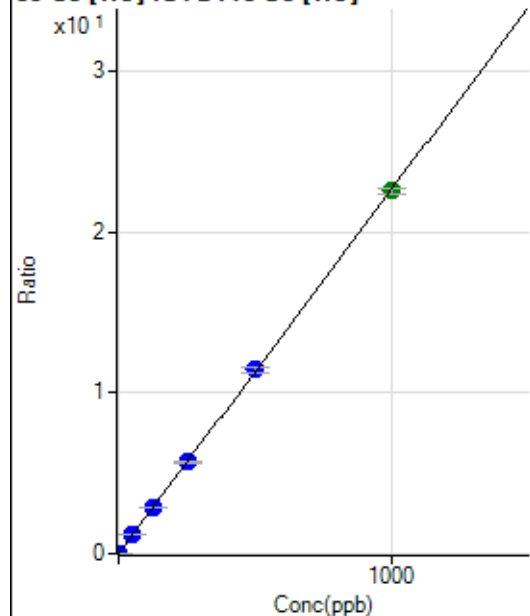
$$y = 2.4828\text{E-}004 * x + 9.7795\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.748$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.23	0.0016	P	4.1
2	☐	1.000	0.951	2977.01	0.0231	P	2.9
3	☐	50.000	51.474	154125.90	1.1671	P	2.0
4	☐	125.000	127.738	362392.46	2.8940	P	2.0
5	☐	250.000	251.176	696781.33	5.6890	P	1.4
6	☐	500.000	505.977	1336369.84	11.4584	P	2.9
7	☐	1000.000	996.302	2586004.86	22.5608	A	1.7
8	☐			6239.20	0.0521	P	2.6

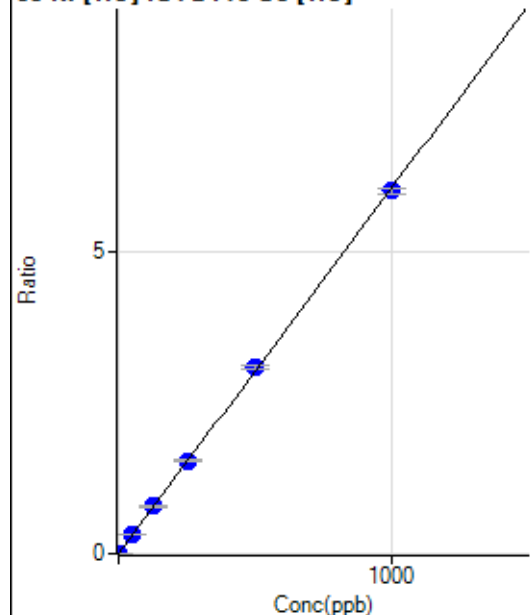
$$y = 0.0226 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 0.008719$$

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	114.45	0.0009	P	12.9
2	☐	1.000	1.150	1008.93	0.0079	P	11.1
3	☐	50.000	52.289	41973.88	0.3179	P	2.8
4	☐	125.000	129.512	98432.06	0.7860	P	1.2
5	☐	250.000	254.438	189006.65	1.5433	P	2.1
6	☐	500.000	510.770	361252.97	3.0972	P	2.5
7	☐	1000.000	992.827	690029.70	6.0195	P	1.3
8	☐			3608.26	0.0301	P	4.6

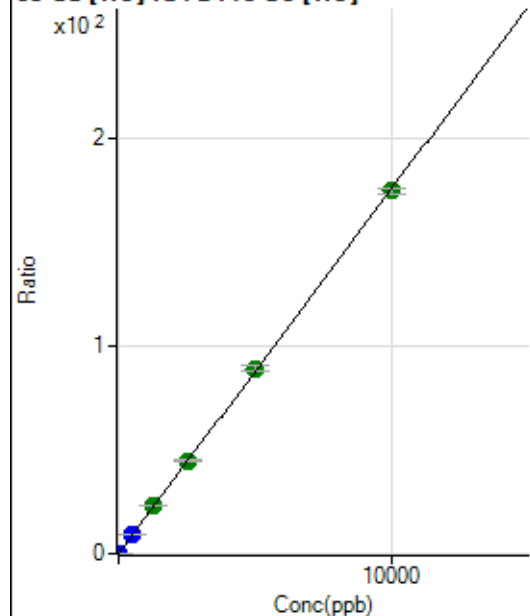
$$y = 0.0061 * x + 8.7689E-004$$

$$R = 0.9999$$

$$DL = 0.05601$$

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	913.37	0.0070	P	1.7
2	☐	2.000	2.016	5456.65	0.0424	P	3.4
3	☐	500.000	523.384	1216061.89	9.2086	P	1.7
4	☐	1250.000	1316.722	2899814.92	23.1563	A	1.6
5	☐	2500.000	2553.549	5498806.66	44.9009	A	2.3
6	☐	5000.000	5065.043	10386439.15	89.0555	A	3.3
7	☐	10000.000	9944.582	20042368.59	174.8427	A	1.3
8	☐			9456.56	0.0789	P	0.6

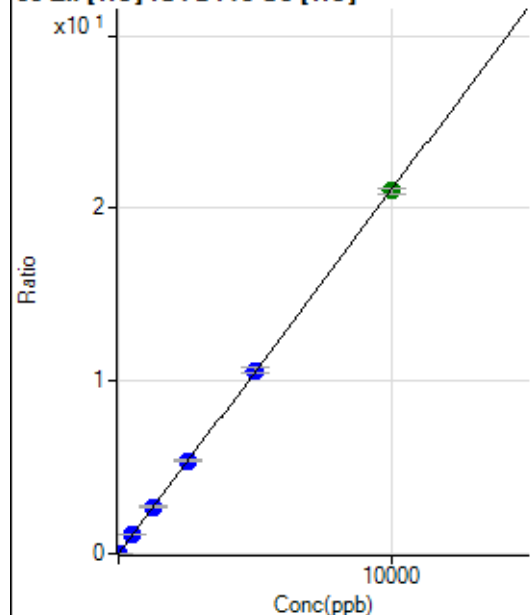
$$y = 0.0176 * x + 0.0070$$

$$R = 0.9999$$

$$DL = 0.02069$$

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	158.89	0.0012	P	20.9
2	☐	2.000	2.109	727.80	0.0057	P	6.0
3	☐	500.000	515.037	143494.11	1.0866	P	2.2
4	☐	1250.000	1287.441	339939.86	2.7145	P	1.3
5	☐	2500.000	2544.521	656956.51	5.3637	P	1.4
6	☐	5000.000	5032.005	1236996.11	10.6061	P	2.7
7	☐	10000.000	9967.435	2408070.94	21.0074	A	1.3
8	☐			4476.31	0.0373	P	0.8

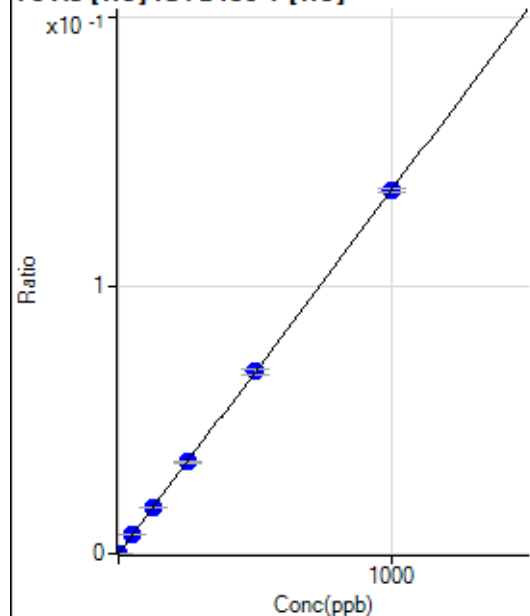
$$y = 0.0021 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.3619$$

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	5.00	0.0000	P	71.6
2	☐	1.000	1.109	163.02	0.0002	P	4.0
3	☐	50.000	51.771	7593.15	0.0070	P	2.4
4	☐	125.000	127.090	17760.24	0.0172	P	1.4
5	☐	250.000	252.128	34327.90	0.0342	P	1.0
6	☐	500.000	501.933	65259.99	0.0681	P	3.1
7	☐	1000.000	998.152	126701.87	0.1354	P	1.0
8	☐			48.34	0.0000	P	15.4

$$y = 1.3568E-004 * x + 4.6471E-006$$

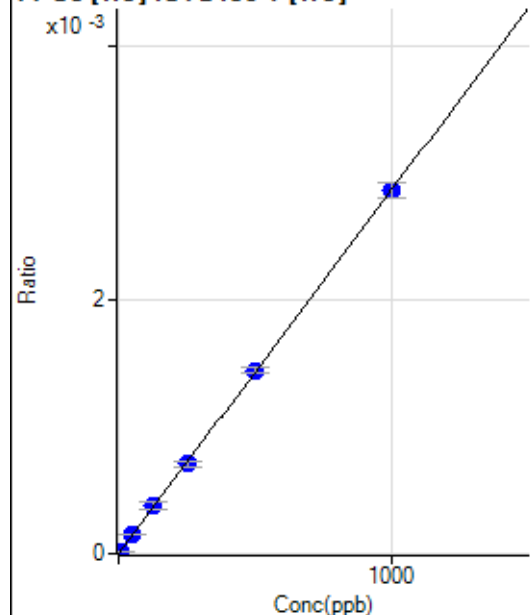
$$R = 1.0000$$

$$DL = 0.07356$$

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	0.00	0.0000	P	
2	☐	5.000	6.287	18.89	0.0000	P	10.8
3	☐	50.000	51.783	160.00	0.0001	P	3.4
4	☐	125.000	130.247	383.34	0.0004	P	16.1
5	☐	250.000	247.803	711.14	0.0007	P	6.4
6	☐	500.000	503.868	1381.20	0.0014	P	2.9
7	☐	1000.000	997.864	2670.28	0.0029	P	4.2
8	☐			11.11	0.0000	P	45.9

$$y = 2.8607E-006 * x + 0.0000E+000$$

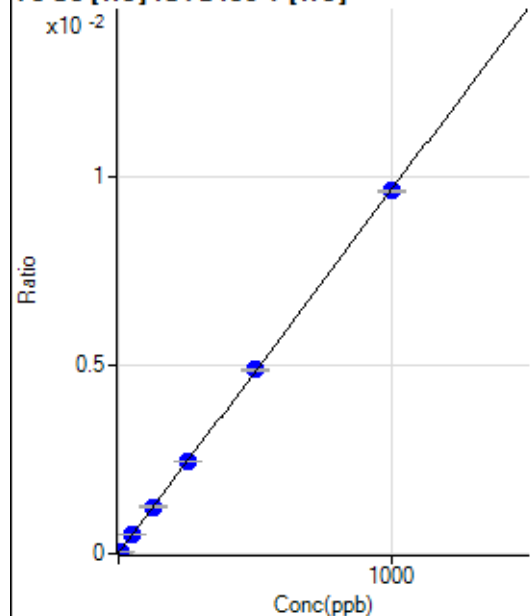
$$R = 1.0000$$

$$DL = 0$$

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	11.00	0.0000	P	40.0
2	☐	5.000	5.600	67.68	0.0001	P	6.7
3	☐	50.000	51.756	551.07	0.0005	P	2.7
4	☐	125.000	127.099	1274.19	0.0012	P	2.6
5	☐	250.000	253.763	2468.80	0.0025	P	0.5
6	☐	500.000	504.038	4674.92	0.0049	P	1.5
7	☐	1000.000	996.687	9012.79	0.0096	P	0.7
8	☐			60.68	0.0001	P	19.1

$$y = 9.6560E-006 * x + 1.0334E-005$$

$$R = 1.0000$$

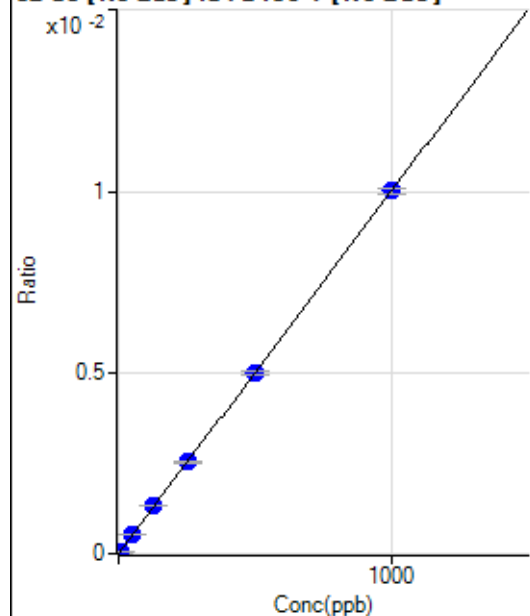
$$DL = 1.285$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4056.24		P	4.6
2	☐			3847.85		P	6.4
3	☐			3647.80		P	3.2
4	☐			3795.07		P	6.4
5	☐			3681.13		P	4.6
6	☐			3272.70		P	11.9
7	☐			3422.73		P	2.8
8	☐			4620.32		P	8.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-14.17	0.0000	P	-103.
2	☐	5.000	4.766	459.96	0.0000	P	4.3
3	☐	50.000	52.901	5196.25	0.0005	P	3.5
4	☐	125.000	130.371	12879.09	0.0013	P	0.7
5	☐	250.000	252.026	24805.36	0.0025	P	1.2
6	☐	500.000	496.990	46908.92	0.0050	P	2.1
7	☐	1000.000	1000.183	91326.20	0.0100	P	1.9
8	☐			502.87	0.0001	P	3.1

$$y = 1.0011E-005 * x - 1.4300E-006$$

$$R = 1.0000$$

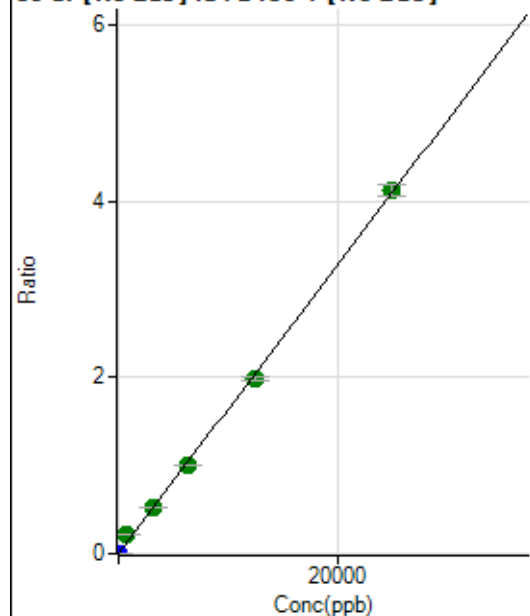
$$DL = 0.4436$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			250.80		P	2.0
2	☐			249.56		P	10.1
3	☐			233.72		P	2.7
4	☐			232.47		P	5.6
5	☐			227.47		P	9.9
6	☐			218.31		P	3.5
7	☐			214.14		P	6.1
8	☐			219.98		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	458.35	0.0000	P	10.8
2	☐	1.000	1.027	2125.22	0.0002	P	3.8
3	☐	625.000	1311.746	2109246.55	0.2143	A	1.9
4	☐	3125.000	3180.426	5133240.35	0.5196	A	1.9
5	☐	6250.000	6137.616	9863581.21	1.0027	A	1.3
6	☐	12500.000	12143.000	18708484.27	1.9838	A	2.5
7	☐	25000.000	25182.499	37518713.69	4.1140	A	3.1
8	☐			3478.29	0.0004	P	4.1

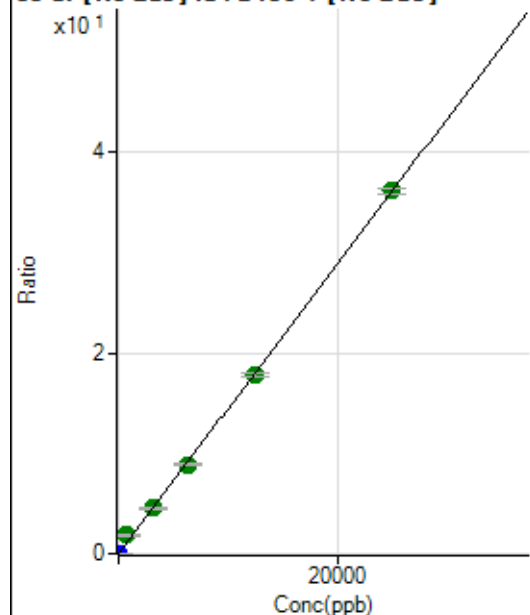
$$y = 1.6336E-004 * x + 4.6168E-005$$

$$R = 0.9994$$

$$DL = 0.09138$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	986.17	0.0001	P	11.8
2	☐	1.000	0.942	14468.97	0.0015	P	1.7
3	☐	625.000	1264.890	17928893.28	1.8217	A	1.4
4	☐	3125.000	3132.527	44564179.47	4.5114	A	2.4
5	☐	6250.000	6151.336	87151118.61	8.8590	A	1.6
6	☐	12500.000	12342.380	167630370.4	17.7750	A	2.1
7	☐	25000.000	25086.538	329576946.2	36.1286	A	1.8
8	☐			28204.35	0.0031	P	2.1

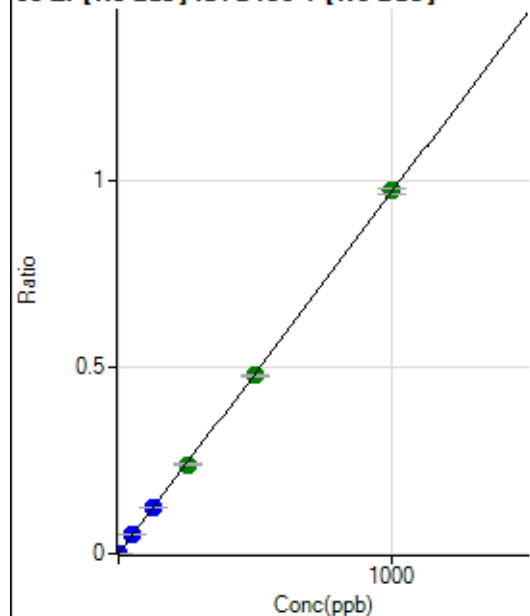
$$y = 0.0014 * x + 9.9417E-005$$

$$R = 0.9996$$

$$DL = 0.02443$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	419.46	0.0000	P	3.6
2	☐	1.000	0.925	9303.36	0.0009	P	1.3
3	☐	50.000	51.465	489976.06	0.0498	P	1.7
4	☐	125.000	128.175	1224366.38	0.1239	P	0.3
5	☐	250.000	246.331	2343103.93	0.2381	A	1.7
6	☐	500.000	492.460	4489511.52	0.4760	A	2.0
7	☐	1000.000	1004.217	8855590.91	0.9707	A	1.6
8	☐			3845.09	0.0004	P	8.2

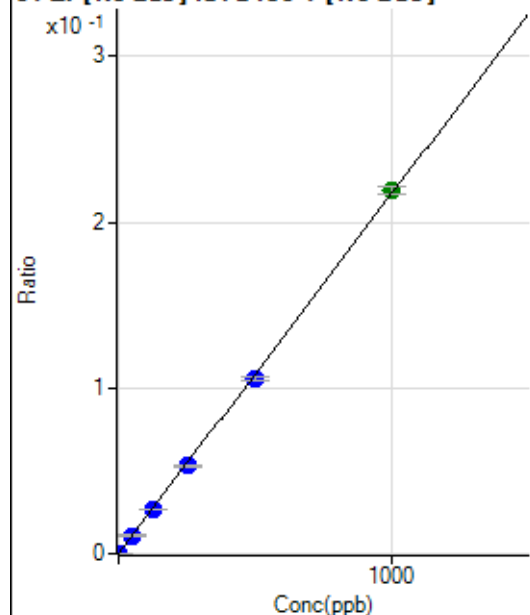
$$y = 9.6659E-004 * x + 4.2275E-005$$

$$R = 0.9999$$

$$DL = 0.004667$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.33	0.0000	P	69.5
2	☐	1.000	0.930	2086.34	0.0002	P	10.4
3	☐	50.000	50.599	108093.22	0.0110	P	3.4
4	☐	125.000	125.067	268165.33	0.0271	P	0.5
5	☐	250.000	243.586	519846.49	0.0529	P	2.8
6	☐	500.000	485.997	994567.30	0.1055	P	1.7
7	☐	1000.000	1008.567	1996255.15	0.2188	A	2.0
8	☐			819.49	0.0001	P	12.3

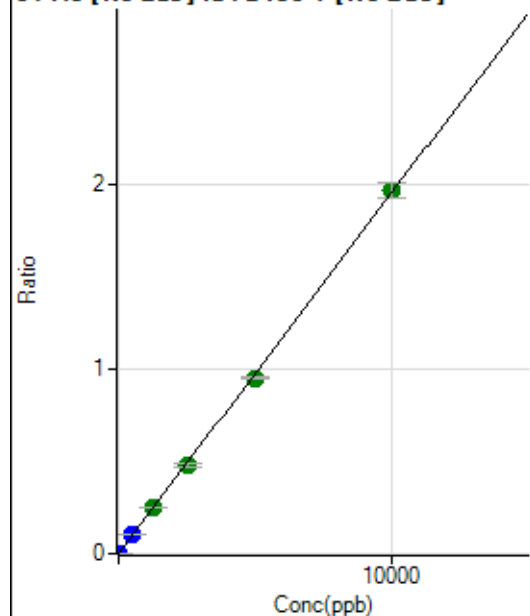
$$y = 2.1697E-004 * x + 8.3782E-006$$

$$R = 0.9998$$

$$DL = 0.08055$$

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	158.34	0.0000	P	54.8
2	☐	5.000	5.775	11363.25	0.0011	P	3.1
3	☐	500.000	525.023	1009035.10	0.1026	P	3.5
4	☐	1250.000	1277.045	2464047.13	0.2494	A	2.1
5	☐	2500.000	2460.445	4726586.05	0.4806	A	2.8
6	☐	5000.000	4878.528	8987815.04	0.9529	A	1.9
7	☐	10000.000	10065.993	17926028.01	1.9661	A	4.3
8	☐			4509.18	0.0005	P	6.7

$$y = 1.9532E-004 * x + 1.5945E-005$$

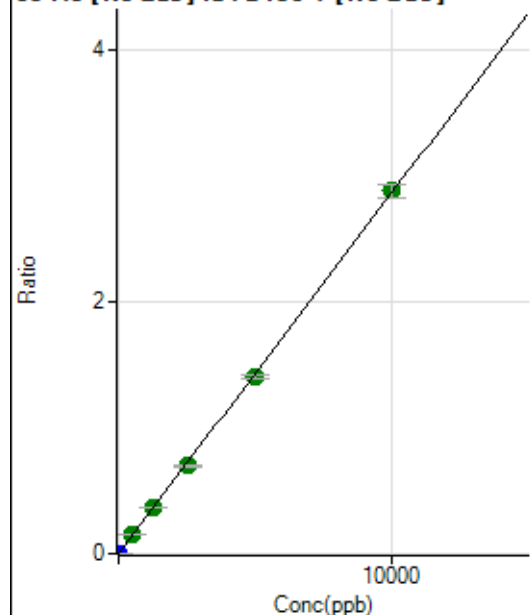
$$R = 0.9999$$

$$DL = 0.1342$$

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	116.67	0.0000	P	61.4
2	☐	5.000	4.775	13707.17	0.0014	P	4.0
3	☐	500.000	517.454	1458457.47	0.1482	A	2.9
4	☐	1250.000	1271.199	3597009.28	0.3641	A	1.1
5	☐	2500.000	2437.558	6866081.75	0.6982	A	3.5
6	☐	5000.000	4888.909	13208348.47	1.4004	A	1.9
7	☐	10000.000	10067.634	26297628.89	2.8837	A	3.5
8	☐			5740.23	0.0006	P	16.5

$$y = 2.8644\text{E-}004 * x + 1.1736\text{E-}005$$

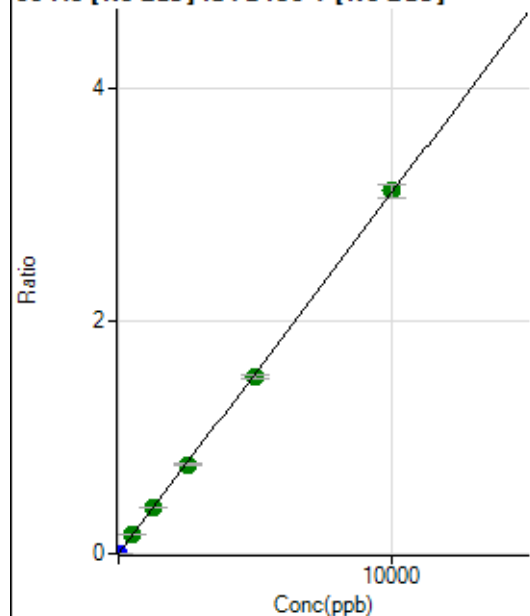
$$R = 0.9999$$

$$DL = 0.07543$$

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	169.45	0.0000	P	25.0
2	☐	5.000	4.745	14816.56	0.0015	P	3.2
3	☐	500.000	523.432	1600449.17	0.1627	A	3.2
4	☐	1250.000	1273.961	3910394.49	0.3959	A	1.4
5	☐	2500.000	2470.673	7549812.84	0.7677	A	2.9
6	☐	5000.000	4902.178	14366969.07	1.5232	A	1.5
7	☐	10000.000	10052.076	28483639.53	3.1234	A	3.4
8	☐			6801.86	0.0007	P	5.3

$$y = 3.1072\text{E-}004 * x + 1.7068\text{E-}005$$

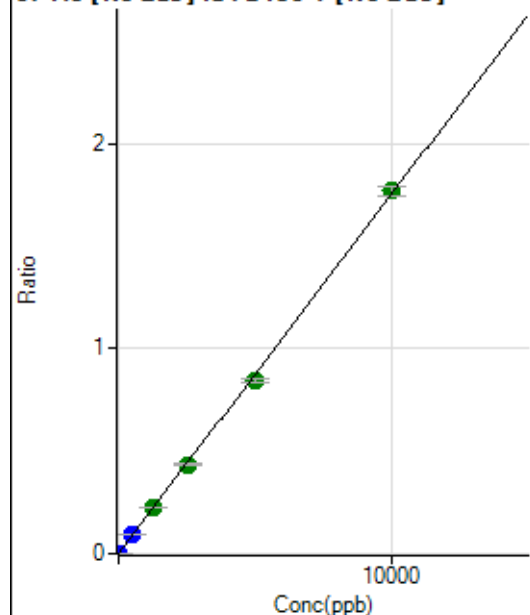
$$R = 0.9999$$

$$DL = 0.04116$$

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	88.89	0.0000	P	28.3
2	☐	5.000	4.754	8380.57	0.0008	P	5.1
3	☐	500.000	526.695	909594.17	0.0924	P	1.8
4	☐	1250.000	1271.377	2203927.18	0.2231	A	0.6
5	☐	2500.000	2471.238	4264736.29	0.4336	A	2.8
6	☐	5000.000	4822.499	7981606.60	0.8462	A	1.6
7	☐	10000.000	10091.935	16151787.34	1.7709	A	2.6
8	☐			3397.74	0.0004	P	13.3

$$y = 1.7547\text{E-}004 * x + 8.9532\text{E-}006$$

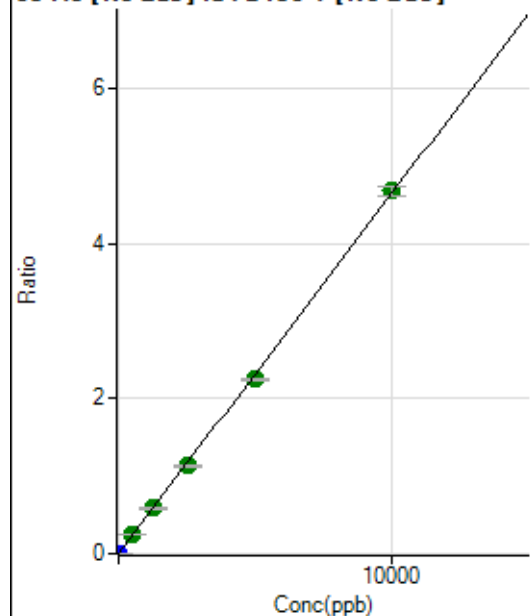
$$R = 0.9997$$

$$DL = 0.04328$$

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	130.56	0.0000	P	46.9
2	☐	5.000	4.820	22357.42	0.0023	P	1.8
3	☐	500.000	518.071	2365926.11	0.2404	A	2.5
4	☐	1250.000	1262.421	5787144.75	0.5859	A	2.1
5	☐	2500.000	2448.848	11177538.18	1.1365	A	2.4
6	☐	5000.000	4855.019	21249887.28	2.2531	A	1.0
7	☐	10000.000	10082.822	42676033.59	4.6792	A	2.9
8	☐			8778.01	0.0010	P	7.9

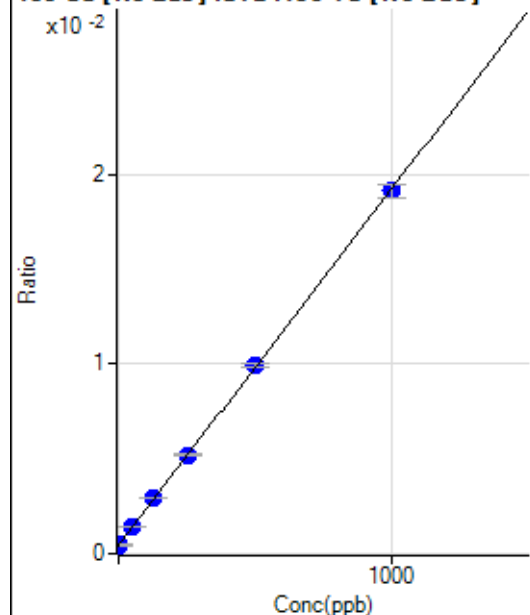
$$y = 4.6408\text{E-}004 * x + 1.3157\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.03992$$

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	3514.43	0.0004	P	3.9
2	☐	1.000	1.086	3692.27	0.0005	P	9.8
3	☐	50.000	53.623	11613.48	0.0014	P	2.7
4	☐	125.000	131.890	23450.99	0.0029	P	0.3
5	☐	250.000	254.365	42457.74	0.0052	P	1.6
6	☐	500.000	505.253	77565.48	0.0099	P	1.6
7	☐	1000.000	995.240	147385.52	0.0191	P	3.8
8	☐			3283.82	0.0004	P	2.8

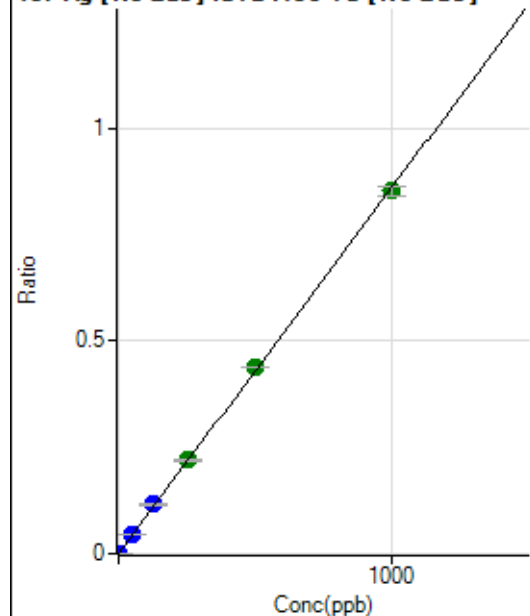
$$y = 1.8767\text{E-}005 * x + 4.4258\text{E-}004$$

$$R = 1.0000$$

$$DL = 2.738$$

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	77.78	0.0000	P	12.5
2	☐	1.000	1.013	7018.65	0.0009	P	6.5
3	☐	50.000	54.159	372979.14	0.0465	P	3.5
4	☐	125.000	134.417	928182.30	0.1155	P	1.4
5	☐	250.000	256.472	1793581.27	0.2204	A	1.8
6	☐	500.000	509.881	3424064.51	0.4381	A	0.1
7	☐	1000.000	992.056	6571597.37	0.8524	A	2.8
8	☐			1241.75	0.0002	P	19.0

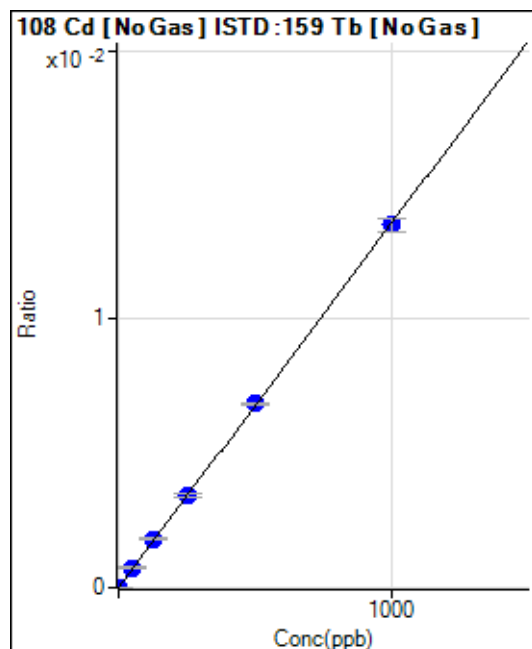
$$y = 8.5919\text{E-}004 * x + 9.7964\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.004265$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	56.7
2	☐	1.000	1.092	133.34	0.0000	P	17.8
3	☐	50.000	55.167	6011.12	0.0007	P	2.6
4	☐	125.000	133.799	14596.74	0.0018	P	2.2
5	☐	250.000	253.488	27985.42	0.0034	P	3.2
6	☐	500.000	504.292	53458.67	0.0068	P	0.9
7	☐	1000.000	995.624	104075.15	0.0135	P	3.8
8	☐			109.72	0.0000	P	4.5

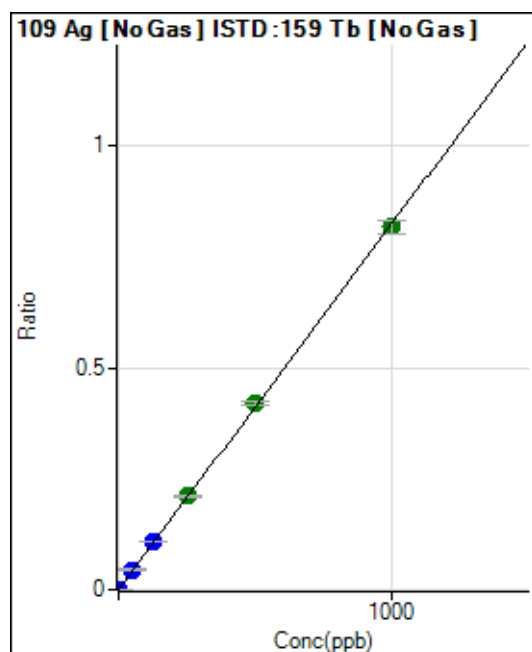
$$y = 1.3560\text{E-}005 * x + 1.9229\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.2411$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	9.0
2	☐	1.000	1.049	6943.60	0.0009	P	4.3
3	☐	50.000	54.720	361289.57	0.0451	P	3.3
4	☐	125.000	133.226	881982.85	0.1098	P	1.3
5	☐	250.000	255.119	1710695.05	0.2102	A	1.1
6	☐	500.000	510.087	3284000.92	0.4202	A	2.1
7	☐	1000.000	992.412	6301272.71	0.8175	A	3.7
8	☐			1027.85	0.0001	P	12.1

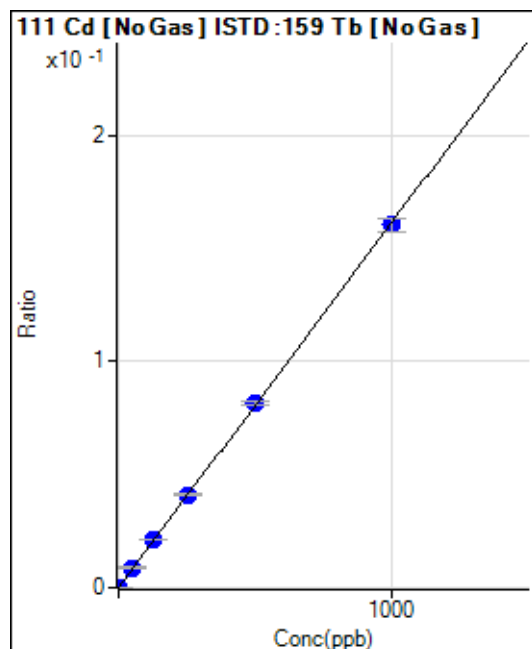
$$y = 8.2375\text{E-}004 * x + 6.6459\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.002179$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	386.58	0.0000	P	8.3
2	☐	1.000	0.964	1627.37	0.0002	P	2.5
3	☐	50.000	54.204	70395.34	0.0088	P	3.6
4	☐	125.000	132.224	171636.14	0.0214	P	1.6
5	☐	250.000	254.422	334122.87	0.0411	P	2.2
6	☐	500.000	506.146	637882.69	0.0816	P	1.4
7	☐	1000.000	994.708	1235977.15	0.1604	P	3.9
8	☐			847.43	0.0001	P	4.6

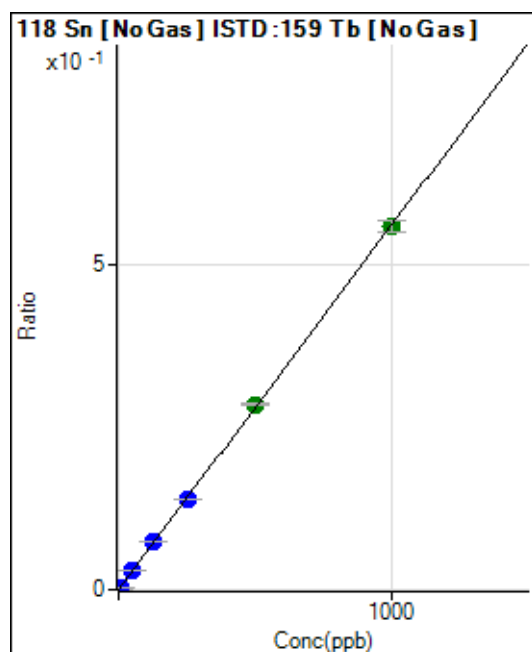
$$y = 1.6116\text{E-}004 * x + 4.8683\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0753$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	525.02	0.0001	P	9.9
2	☐	5.000	4.826	22101.68	0.0028	P	1.3
3	☐	50.000	51.932	233856.09	0.0292	P	3.7
4	☐	125.000	130.600	589029.31	0.0733	P	0.7
5	☐	250.000	247.779	1131240.86	0.1390	P	1.9
6	☐	500.000	508.576	2229244.93	0.2852	A	0.6
7	☐	1000.000	995.472	4303372.01	0.5582	A	3.3
8	☐			2947.63	0.0004	P	6.6

$$y = 5.6068\text{E-}004 * x + 6.6118\text{E-}005$$

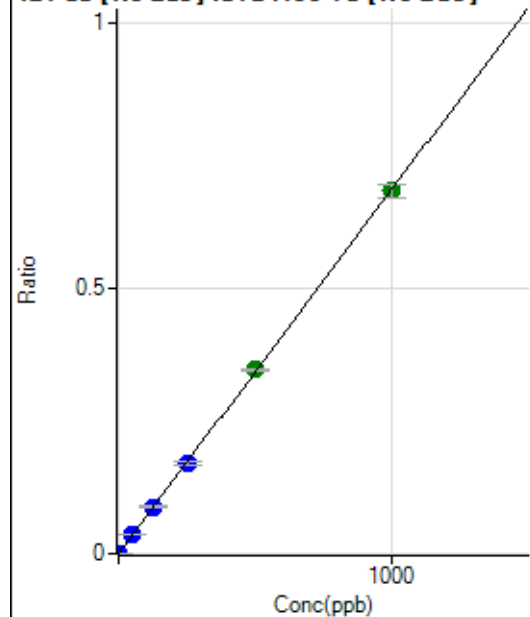
$$R = 0.9999$$

$$DL = 0.03508$$

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	211.12	0.0000	P	30.5
2	☐	2.000	1.971	10982.48	0.0014	P	1.5
3	☐	50.000	51.805	284856.62	0.0355	P	2.0
4	☐	125.000	128.562	708333.64	0.0881	P	1.6
5	☐	250.000	248.504	1386281.06	0.1704	P	3.0
6	☐	500.000	505.805	2709761.34	0.3467	A	0.7
7	☐	1000.000	996.936	5267327.81	0.6833	A	3.6
8	☐			2261.36	0.0003	P	16.9

$$y = 6.8541E-004 * x + 2.6580E-005$$

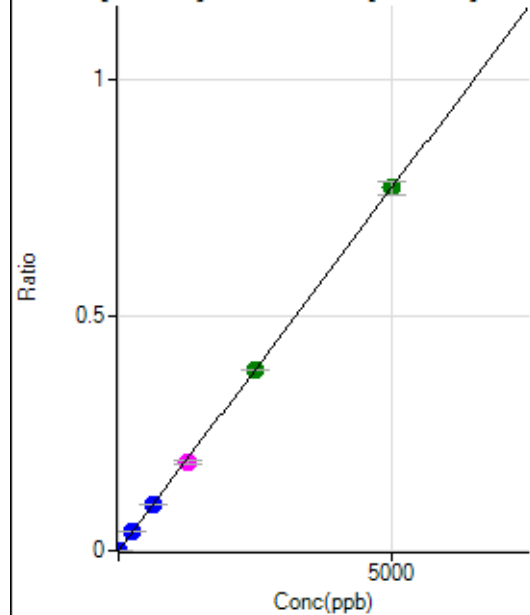
$$R = 1.0000$$

$$DL = 0.03553$$

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	105.56	0.0000	P	12.0
2	☐	10.000	9.169	11363.44	0.0014	P	0.7
3	☐	250.000	258.603	319198.29	0.0398	P	4.1
4	☐	625.000	641.988	794624.40	0.0989	P	0.8
5	☐	1250.000	1229.971	1541019.52	0.1894	M	4.8
6	☐	2500.000	2493.826	3001589.46	0.3840	A	0.3
7	☐	5000.000	5005.542	5941715.06	0.7708	A	3.6
8	☐			3786.75	0.0005	P	2.8

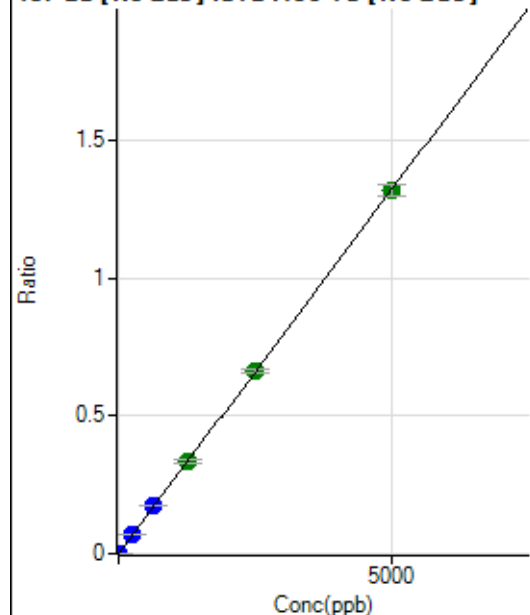
$$y = 1.5399E-004 * x + 1.3293E-005$$

$$R = 1.0000$$

$$DL = 0.03116$$

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	202.78	0.0000	P	16.6
2	☐	10.000	9.824	20858.35	0.0026	P	1.1
3	☐	250.000	265.427	561066.10	0.0700	P	3.9
4	☐	625.000	662.880	1404895.57	0.1748	P	1.8
5	☐	1250.000	1262.623	2709520.65	0.3330	A	3.7
6	☐	2500.000	2509.314	5171781.84	0.6617	A	1.5
7	☐	5000.000	4986.682	10137874.97	1.3150	A	3.0
8	☐			6621.24	0.0008	P	5.5

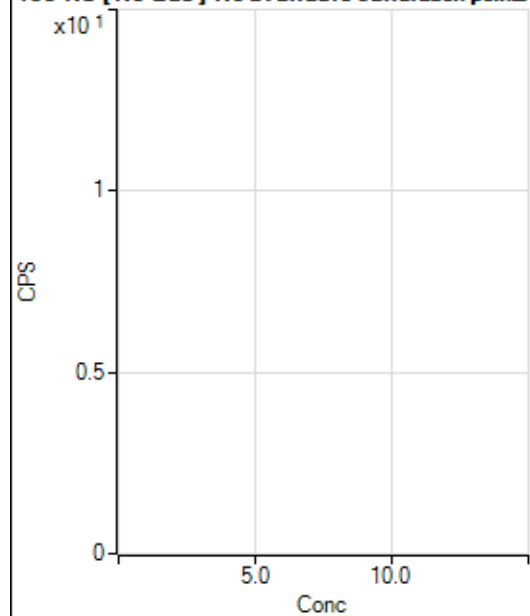
$$y = 2.6370E-004 * x + 2.5536E-005$$

$$R = 1.0000$$

$$DL = 0.04815$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

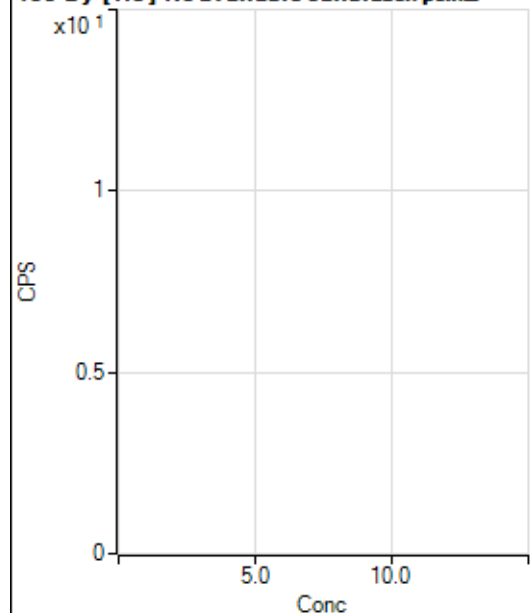
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐			11.11		P	91.7
3	☐			20.00		P	57.7
4	☐			60.00		P	38.5
5	☐			86.67		P	40.0
6	☐			171.12		P	19.2
7	☐			293.34		P	18.0
8	☐			191.12		P	2.0

150 Nd [He] No available calibration points

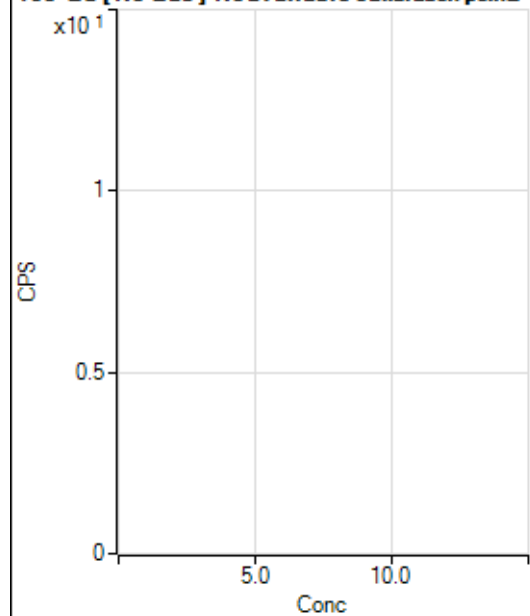
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			2.22		P	173.2
3	☐			7.78		P	65.5
4	☐			7.78		P	89.2
5	☐			8.89		P	78.1
6	☐			24.44		P	39.4
7	☐			25.55		P	41.9
8	☐			55.55		P	28.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐			2.78		P	173.2
3	☐			33.33		P	0.0
4	☐			61.11		P	55.1
5	☐			72.23		P	37.1
6	☐			191.67		P	13.0
7	☐			286.12		P	9.4
8	☐			1130.64		P	1.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			8.89		P	21.6
4	☐			20.00		P	28.9
5	☐			41.11		P	40.8
6	☐			91.11		P	4.2
7	☐			167.78		P	4.1
8	☐			576.68		P	5.5

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	81.2
2	☐			91.67		P	24.1
3	☐			100.01		P	30.0
4	☐			108.34		P	35.2
5	☐			127.78		P	10.0
6	☐			230.56		P	11.0
7	☐			375.02		P	2.2
8	☐			1344.55		P	6.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	20.5
2	☐			96.67		P	15.0
3	☐			101.11		P	28.0
4	☐			112.22		P	14.0
5	☐			108.89		P	22.1
6	☐			158.89		P	9.9
7	☐			230.00		P	15.7
8	☐			795.59		P	10.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	24.0
2	☐			66.67		P	33.1
3	☐			27.78		P	17.3
4	☐			47.22		P	27.0
5	☐			116.67		P	39.8
6	☐			94.45		P	5.1
7	☐			163.90		P	41.4
8	☐			197.23		P	28.1

164 Er [He] No available calibration points

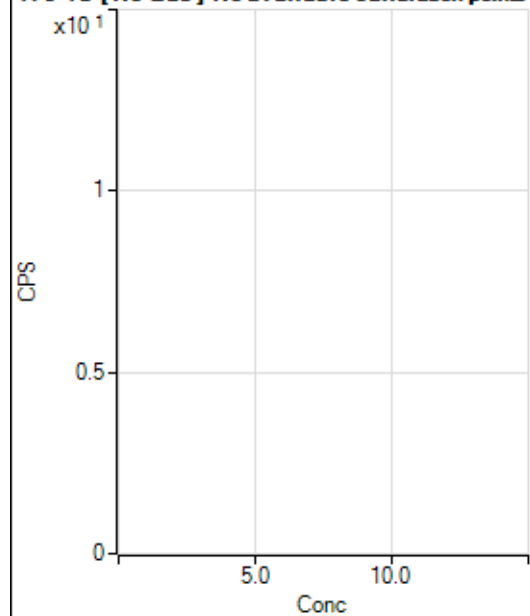
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	9.1
2	☐			18.89		P	10.2
3	☐			24.44		P	56.8
4	☐			22.22		P	56.8
5	☐			51.11		P	10.0
6	☐			34.45		P	31.1
7	☐			58.89		P	14.2
8	☐			86.67		P	26.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	7.9
2	☐			52.78		P	39.7
3	☐			58.33		P	62.3
4	☐			58.34		P	42.9
5	☐			86.11		P	29.6
6	☐			136.11		P	19.7
7	☐			180.56		P	9.6
8	☐			169.45		P	15.8

172 Yb [He] No available calibration points

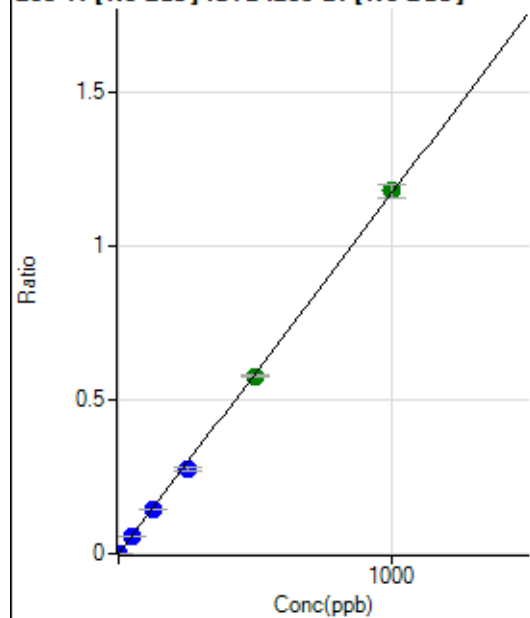
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	37.8
2	☐			12.97		P	49.5
3	☐			29.63		P	10.8
4	☐			27.78		P	40.0
5	☐			42.60		P	7.5
6	☐			57.41		P	36.6
7	☐			79.63		P	17.6
8	☐			79.63		P	22.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1194.53		P	2.1
2	☐			1169.53		P	11.7
3	☐			2428.07		P	11.0
4	☐			4370.28		P	5.4
5	☐			7413.39		P	2.8
6	☐			13590.74		P	3.4
7	☐			26933.54		P	1.2
8	☐			1272.32		P	7.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7998.84		P	3.8
2	☐			7602.30		P	0.8
3	☐			8497.32		P	3.8
4	☐			8923.50		P	2.2
5	☐			9927.97		P	0.2
6	☐			12543.21		P	2.2
7	☐			17205.90		P	1.8
8	☐			7537.49		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	388.94	0.0001	P	46.7
2	☐	1.000	0.882	5996.00	0.0011	P	2.3
3	☐	50.000	49.069	314751.65	0.0575	P	1.4
4	☐	125.000	122.862	781577.93	0.1438	P	2.5
5	☐	250.000	235.183	1531747.90	0.2752	P	2.6
6	☐	500.000	493.495	3094575.42	0.5774	A	0.9
7	☐	1000.000	1007.271	6099446.80	1.1785	A	3.8
8	☐			1297.33	0.0003	P	6.7

$$y = 0.0012 * x + 7.1795E-005$$

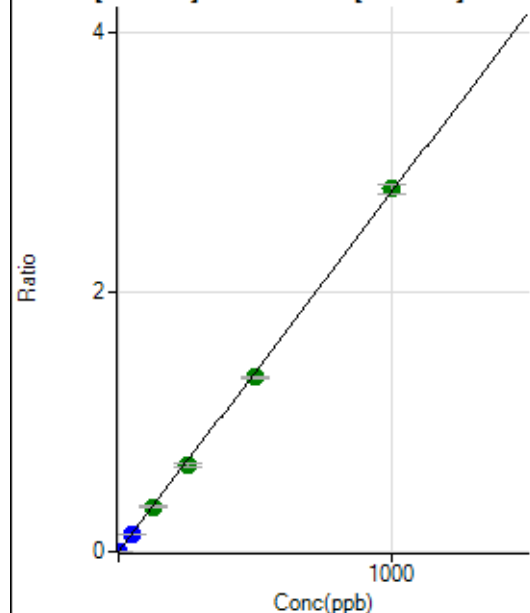
$$R = 0.9998$$

$$DL = 0.08591$$

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	966.87	0.0002	P	44.4
2	☐	1.000	0.878	14158.10	0.0026	P	1.6
3	☐	50.000	49.486	750197.58	0.1370	P	1.8
4	☐	125.000	125.149	1881251.32	0.3462	A	4.1
5	☐	250.000	240.417	3700412.80	0.6649	A	3.0
6	☐	500.000	485.825	7200382.80	1.3435	A	1.1
7	☐	1000.000	1009.490	14452073.93	2.7914	A	2.3
8	☐			3108.80	0.0006	P	10.2

$$y = 0.0028 * x + 1.7859E-004$$

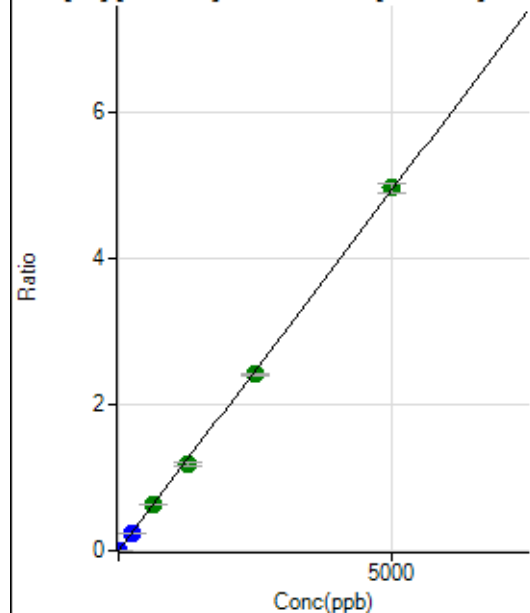
$$R = 0.9998$$

$$DL = 0.08611$$

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	989.00	0.0002	P	19.3
2	☐	1.000	0.782	5171.48	0.0010	P	2.2
3	☐	250.000	241.210	1301335.14	0.2377	P	2.1
4	☐	625.000	635.500	3401915.15	0.6259	A	1.1
5	☐	1250.000	1200.768	6580210.10	1.1824	A	2.6
6	☐	2500.000	2448.627	12921326.68	2.4109	A	1.3
7	☐	5000.000	5037.122	25675170.25	4.9594	A	2.5
8	☐			10493.32	0.0021	P	0.5

$$y = 9.8454E-004 * x + 1.8239E-004$$

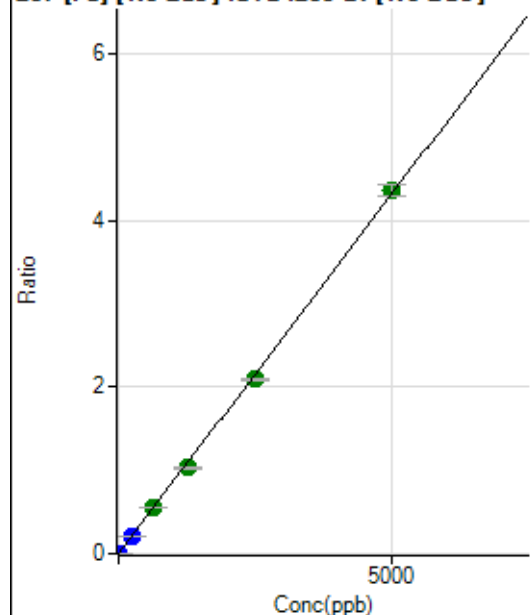
$$R = 0.9999$$

$$DL = 0.1073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	829.71	0.0002	P	18.7
2	☐	1.000	0.846	4789.86	0.0009	P	2.2
3	☐	250.000	241.148	1138667.98	0.2080	P	2.2
4	☐	625.000	633.206	2966907.39	0.5458	A	0.9
5	☐	1250.000	1197.795	5745972.12	1.0323	A	1.8
6	☐	2500.000	2427.241	11210720.39	2.0917	A	1.7
7	☐	5000.000	5048.848	22520893.56	4.3508	A	3.1
8	☐			8994.00	0.0018	P	3.7

$$y = 8.6172E-004 * x + 1.5300E-004$$

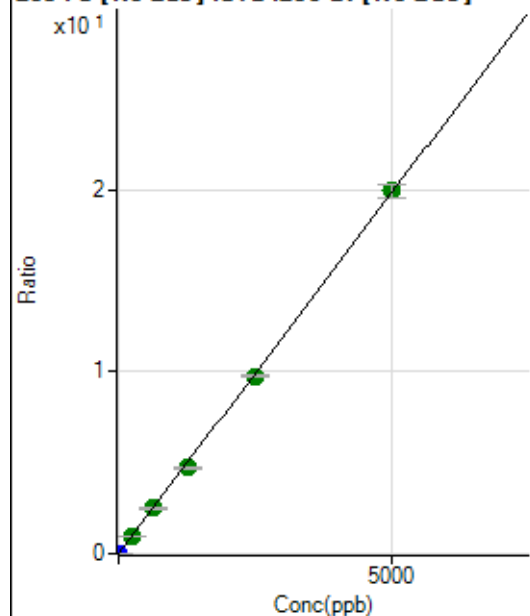
$$R = 0.9998$$

$$DL = 0.09958$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3852.39	0.0007	P	19.2
2	☐	1.000	0.827	21652.00	0.0040	P	1.8
3	☐	250.000	247.702	5374657.24	0.9816	A	1.9
4	☐	625.000	630.082	13564959.80	2.4957	A	1.6
5	☐	1250.000	1197.713	26401415.63	4.7434	A	1.9
6	☐	2500.000	2460.627	52224291.22	9.7442	A	0.9
7	☐	5000.000	5032.238	103141251.6	19.9272	A	3.4
8	☐			41676.99	0.0082	P	0.3

$$y = 0.0040 * x + 7.1067E-004$$

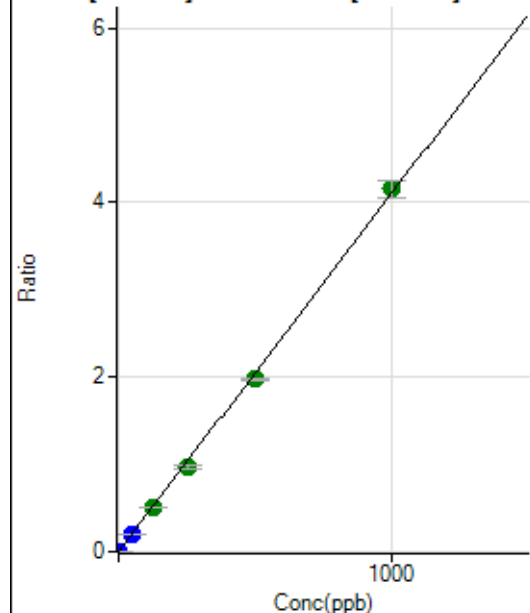
$$R = 0.9999$$

$$DL = 0.1036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1419.87	0.0003	P	43.1
2	☐	1.000	0.857	20514.22	0.0038	P	1.7
3	☐	50.000	47.978	1079362.60	0.1971	P	0.2
4	☐	125.000	121.848	2718714.23	0.5001	A	0.9
5	☐	250.000	236.379	5398489.92	0.9700	A	2.4
6	☐	500.000	481.324	10585047.29	1.9749	A	0.5
7	☐	1000.000	1013.238	21515059.16	4.1570	A	4.5
8	☐			2247.48	0.0004	P	7.1

$$y = 0.0041 * x + 2.6227E-004$$

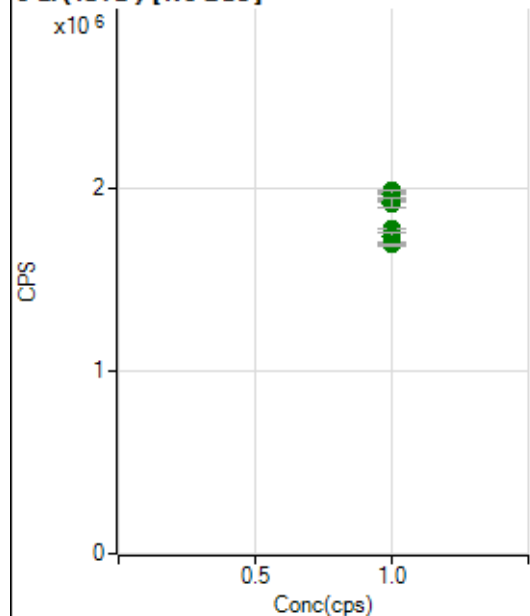
$$R = 0.9996$$

$$DL = 0.08261$$

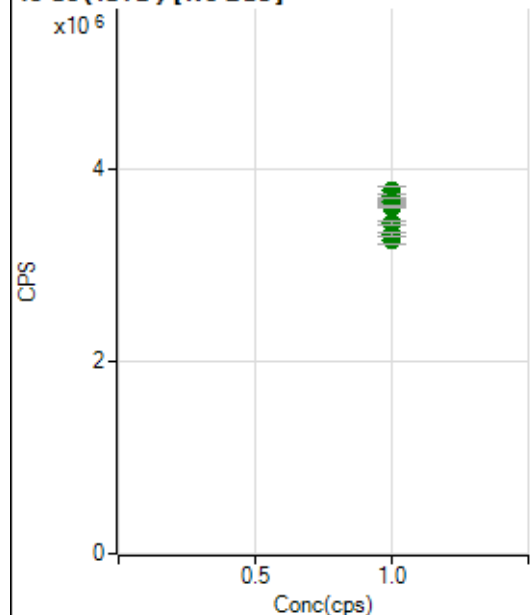
Weight: <None>

Min Conc: 0

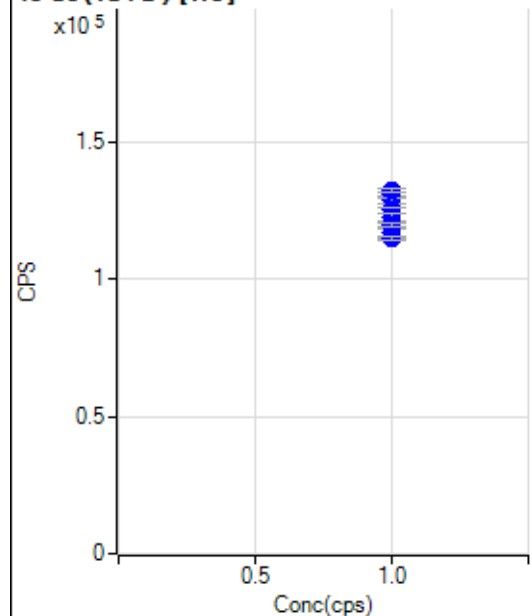
6 Li (ISTD) [No Gas]



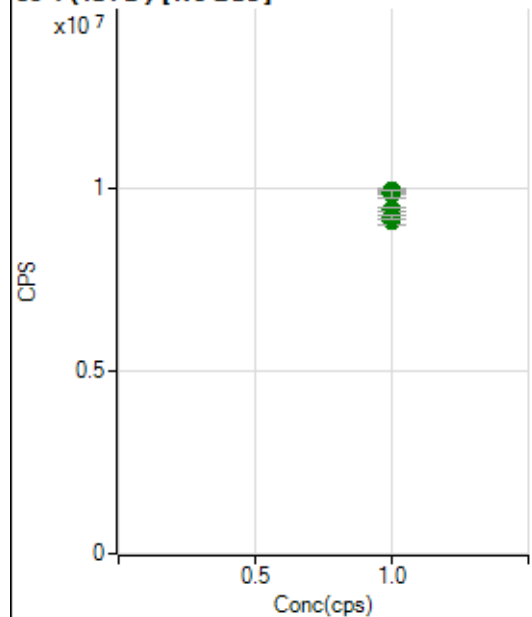
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1948604.18		A	2.0
2	☐	1.000		1982954.58		A	0.8
3	☐	1.000		1961392.12		A	2.6
4	☐	1.000		1909889.09		A	1.8
5	☐	1.000		1920082.61		A	2.7
6	☐	1.000		1778100.67		A	0.2
7	☐	1.000		1730711.93		A	2.7
8	☐	1.000		1687973.02		A	1.1

45 Sc (ISTD) [No Gas]

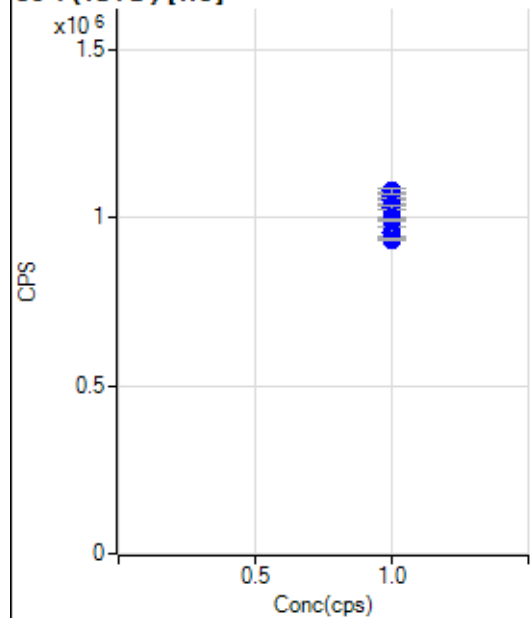
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3672355.19		A	0.8
2	☐	1.000		3778448.21		A	2.1
3	☐	1.000		3730398.07		A	1.1
4	☐	1.000		3669772.79		A	1.5
5	☐	1.000		3613699.49		A	0.6
6	☐	1.000		3436688.98		A	1.2
7	☐	1.000		3264370.85		A	1.9
8	☐	1.000		3325552.83		A	1.4

45 Sc (ISTD) [He]

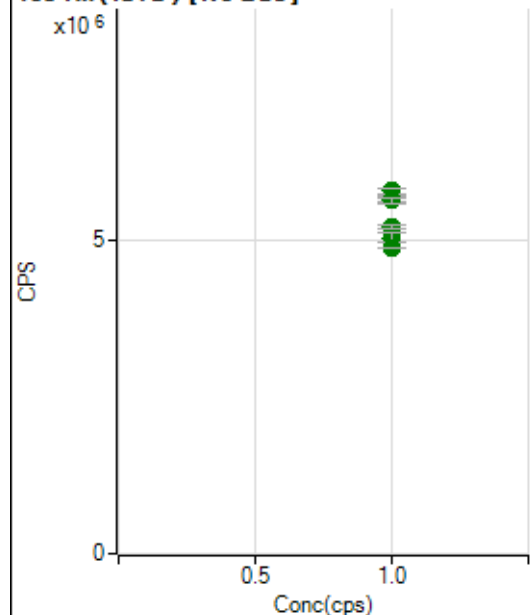
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		130635.31		P	1.1
2	☐	1.000		128650.09		P	1.7
3	☐	1.000		132070.62		P	1.0
4	☐	1.000		125248.30		P	1.6
5	☐	1.000		122501.66		P	2.0
6	☐	1.000		116689.45		P	2.8
7	☐	1.000		114640.88		P	1.3
8	☐	1.000		119882.93		P	0.9

89 Y (ISTD) [No Gas]

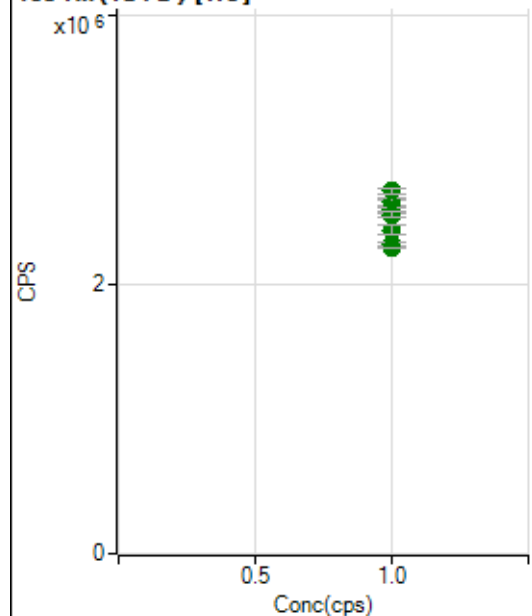
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9923504.51		A	0.6
2	☐	1.000		9935297.01		A	1.1
3	☐	1.000		9843665.27		A	2.4
4	☐	1.000		9879075.69		A	1.0
5	☐	1.000		9839043.68		A	2.5
6	☐	1.000		9431513.82		A	0.7
7	☐	1.000		9125676.32		A	3.1
8	☐	1.000		9209259.86		A	1.5

89 Y (ISTD) [He]

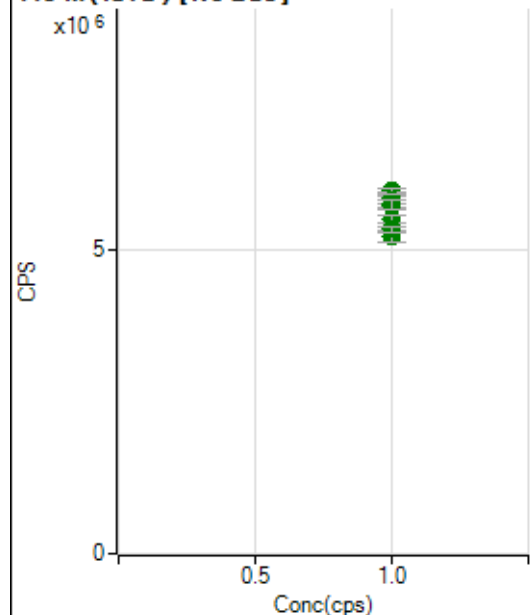
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1066709.55		P	1.9
2	☐	1.000		1050873.01		P	1.4
3	☐	1.000		1080440.91		P	1.3
4	☐	1.000		1029768.90		P	1.2
5	☐	1.000		1003302.13		P	0.3
6	☐	1.000		958808.73		P	3.3
7	☐	1.000		935499.72		P	0.5
8	☐	1.000		993519.20		P	0.6

103 Rh (ISTD) [No Gas]

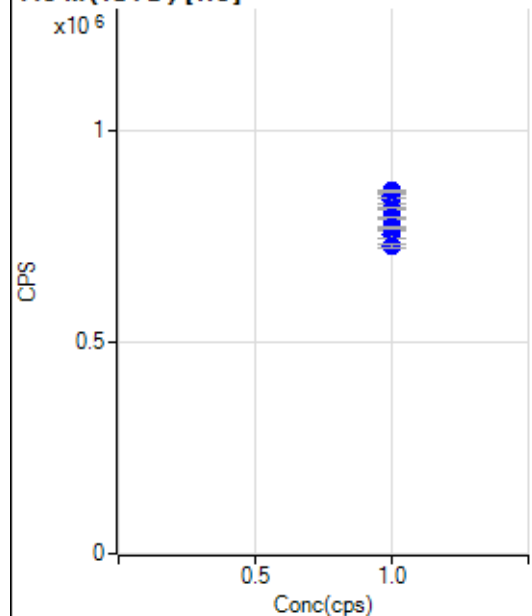
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5726646.79		A	1.1
2	☐	1.000		5796758.59		A	1.5
3	☐	1.000		5682128.73		A	2.0
4	☐	1.000		5656888.71		A	2.3
5	☐	1.000		5647868.79		A	1.8
6	☐	1.000		5230706.93		A	1.2
7	☐	1.000		5043745.91		A	2.9
8	☐	1.000		4882447.20		A	0.4

103 Rh (ISTD) [He]

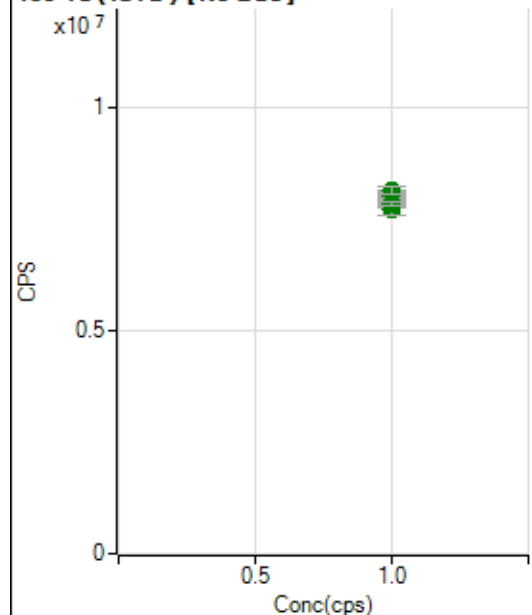
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2604878.29		A	1.9
2	☐	1.000		2605268.14		A	2.2
3	☐	1.000		2690723.69		A	1.4
4	☐	1.000		2545759.65		A	1.3
5	☐	1.000		2515234.79		A	1.4
6	☐	1.000		2398543.56		A	2.8
7	☐	1.000		2295392.47		A	1.8
8	☐	1.000		2269911.20		A	0.4

115 In (ISTD) [No Gas]

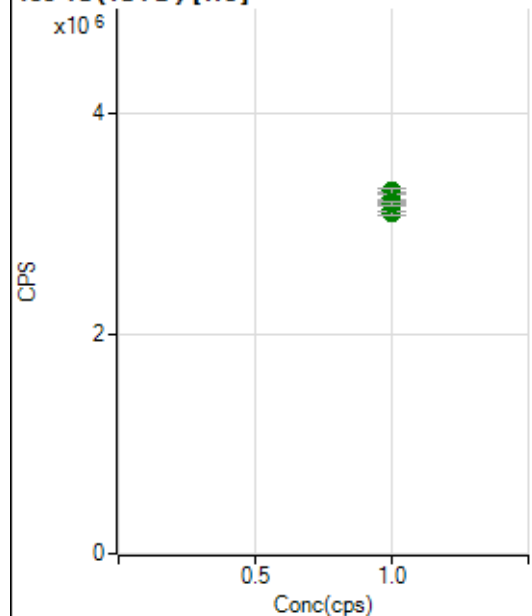
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5861016.71		A	0.7
2	☐	1.000		5973050.13		A	1.0
3	☐	1.000		5832195.96		A	2.7
4	☐	1.000		5750299.04		A	2.2
5	☐	1.000		5745256.38		A	2.6
6	☐	1.000		5509151.04		A	2.5
7	☐	1.000		5223240.05		A	3.1
8	☐	1.000		5342074.92		A	1.5

115 In (ISTD) [He]

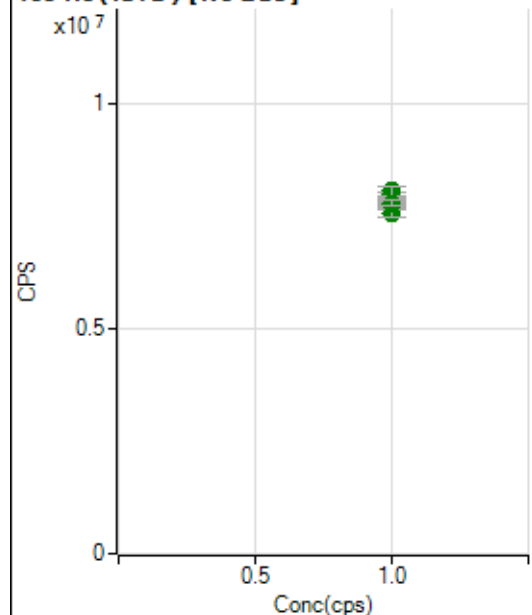
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		844864.44		P	1.4
2	☐	1.000		834587.19		P	1.5
3	☐	1.000		857727.96		P	0.4
4	☐	1.000		815494.65		P	0.3
5	☐	1.000		794710.31		P	0.6
6	☐	1.000		754117.44		P	2.5
7	☐	1.000		726046.21		P	1.1
8	☐	1.000		771664.32		P	0.4

159 Tb (ISTD) [No Gas]

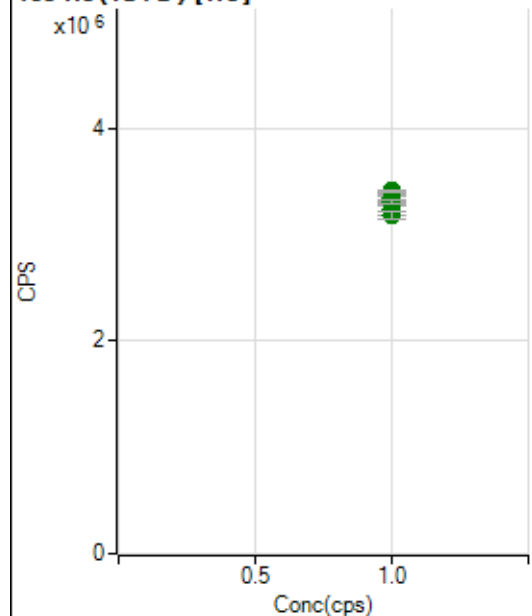
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7940696.82		A	0.1
2	☐	1.000		7973165.93		A	1.0
3	☐	1.000		8019615.30		A	3.2
4	☐	1.000		8037475.78		A	1.8
5	☐	1.000		8141266.06		A	2.2
6	☐	1.000		7815830.51		A	0.7
7	☐	1.000		7714808.56		A	3.6
8	☐	1.000		7852470.16		A	1.5

159 Tb (ISTD) [He]

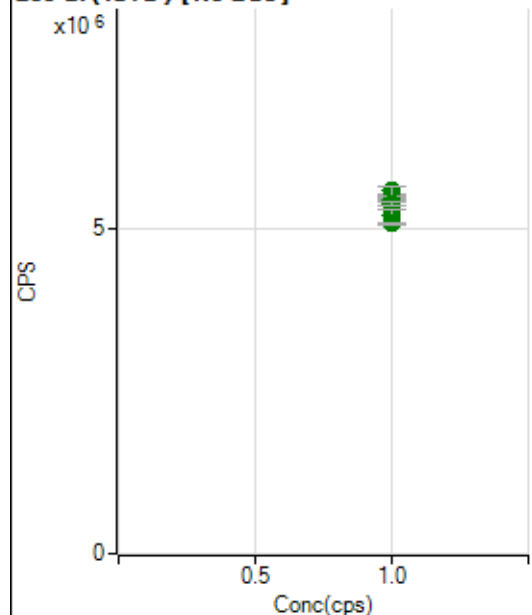
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3273202.17		A	0.4
2	☐	1.000		3238389.95		A	2.3
3	☐	1.000		3297338.94		A	1.3
4	☐	1.000		3165553.84		A	0.7
5	☐	1.000		3202914.74		A	1.1
6	☐	1.000		3124701.41		A	2.8
7	☐	1.000		3097930.75		A	1.0
8	☐	1.000		3178516.41		A	1.5

165 Ho (ISTD) [No Gas]

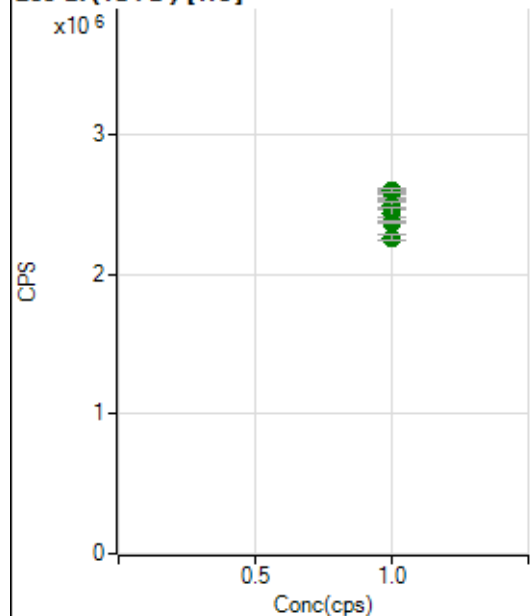
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7776082.81		A	0.5
2	☐	1.000		7754660.94		A	0.7
3	☐	1.000		7836532.55		A	1.8
4	☐	1.000		7971395.23		A	1.4
5	☐	1.000		8052922.83		A	2.4
6	☐	1.000		7695242.36		A	0.7
7	☐	1.000		7564600.17		A	2.2
8	☐	1.000		7782232.81		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3342542.24		A	1.5
2	☐	1.000		3321072.07		A	2.9
3	☐	1.000		3407359.15		A	0.3
4	☐	1.000		3304854.01		A	0.3
5	☐	1.000		3281622.90		A	1.0
6	☐	1.000		3234588.01		A	3.3
7	☐	1.000		3179542.59		A	2.0
8	☐	1.000		3303074.60		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5427479.68		A	1.2
2	☐	1.000		5431277.98		A	1.1
3	☐	1.000		5476640.89		A	1.4
4	☐	1.000		5436320.34		A	1.7
5	☐	1.000		5567862.21		A	2.7
6	☐	1.000		5359699.05		A	1.2
7	☐	1.000		5180455.37		A	3.9
8	☐	1.000		5070243.29		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2588758.45		A	0.9
2	☐	1.000		2540058.55		A	0.6
3	☐	1.000		2600411.63		A	1.0
4	☐	1.000		2500491.84		A	1.4
5	☐	1.000		2499156.44		A	2.2
6	☐	1.000		2444386.66		A	2.7
7	☐	1.000		2377338.47		A	0.3
8	☐	1.000		2266439.64		A	1.9