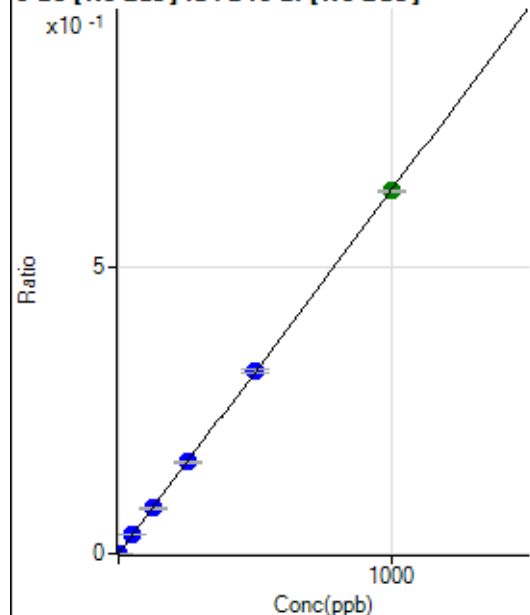


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8072823-MS.b\
Analysis File: P8072823-MS.batch.bin
DA Date-Time: 2023-07-28 19:13:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2023-07-28 16:28:29
2	007CAL.S.d	S02	2023-07-28 16:34:41
3	008CAL.S.d	S03	2023-07-28 16:37:50
4	009CAL.S.d	S04	2023-07-28 16:40:50
5	010CAL.S.d	S05	2023-07-28 16:43:51
6	011CAL.S.d	S06	2023-07-28 16:46:49
7	012CAL.S.d	S07	2023-07-28 16:49:50
8	013CAL.S.d	S08	2023-07-28 16:52:48

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64.57	0.0000	P	25.2
2	☐	1.000	1.045	1414.90	0.0007	P	2.4
3	☐	50.000	53.097	67655.39	0.0338	P	2.3
4	☐	125.000	125.144	162065.44	0.0795	P	5.7
5	☐	250.000	251.798	322793.08	0.1600	P	3.3
6	☐	500.000	502.919	622426.37	0.3195	P	2.2
7	☐	1000.000	997.918	1190253.06	0.6340	A	0.9
8	☐			162.06	0.0001	P	8.0

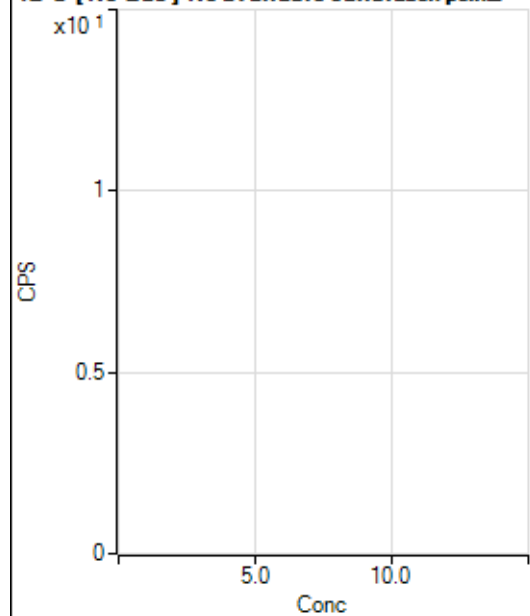
$$y = 6.3527\text{E-}004 * x + 3.1219\text{E-}005$$

$$R = 1.0000$$

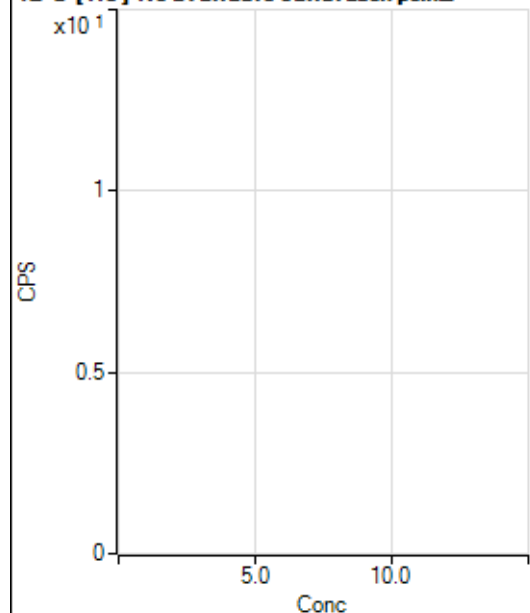
$$DL = 0.03714$$

Weight: <None>

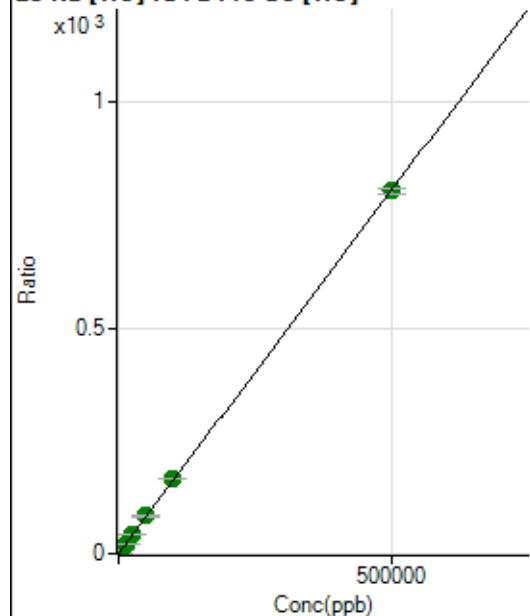
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2156269.84		A	1.4
2	☐			2149561.75		A	0.4
3	☐			2413974.62		A	2.4
4	☐			2463254.78		A	1.5
5	☐			2510035.06		A	2.1
6	☐			2630625.69		A	3.9
7	☐			2861785.63		A	2.8
8	☐			2888693.84		A	5.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26340.75		P	2.4
2	☐			26112.58		P	0.4
3	☐			31790.40		P	1.1
4	☐			31442.55		P	2.6
5	☐			32904.07		P	2.3
6	☐			36821.91		P	1.1
7	☐			39058.14		P	1.4
8	☐			43373.09		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28715.00	0.2298	P	0.3
2	☐	500.000	504.369	125815.09	1.0417	P	2.1
3	☐	5000.000	5565.574	1087794.05	9.1890	A	2.1
4	☐	12500.000	12997.389	2506511.67	21.1524	A	0.4
5	☐	25000.000	26226.279	4954794.90	42.4476	A	1.5
6	☐	50000.000	52512.452	9588840.32	84.7617	A	6.1
7	☐	100000.00	102216.71	18898493.48	164.7732	A	0.6
8	☐	500000.00	499226.00	90747804.81	803.8587	A	1.7

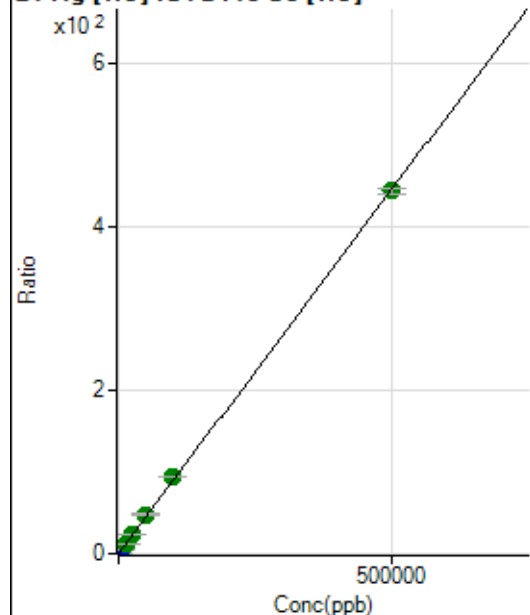
$$y = 0.0016 * x + 0.2298$$

$$R = 1.0000$$

$$DL = 1.405$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0010	P	6.7
2	☐	500.000	505.274	54499.89	0.4513	P	4.4
3	☐	5000.000	5757.100	607598.32	5.1319	P	1.0
4	☐	12500.000	13467.121	1422390.51	12.0034	A	0.3
5	☐	25000.000	26788.705	2786733.70	23.8761	A	2.2
6	☐	50000.000	53930.234	5436950.77	48.0657	A	6.1
7	☐	100000.00	105134.32	10747028.54	93.7007	A	0.2
8	☐	500000.00	498458.92	50149946.95	444.2467	A	1.8

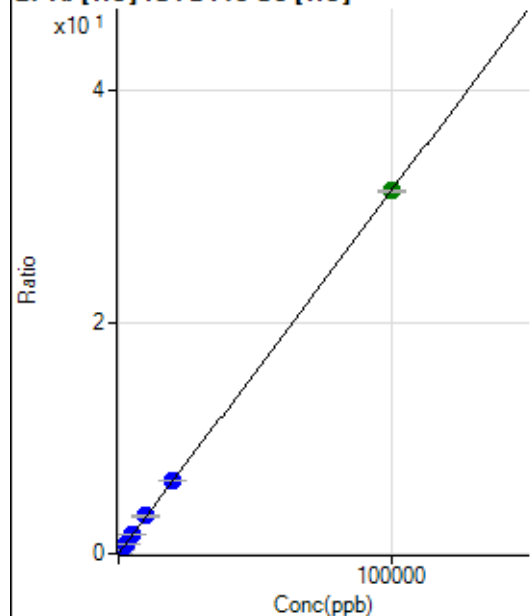
$$y = 8.9124\text{E-}004 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 0.2268$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.91	0.0006	P	12.2
2	☐	20.000	21.033	871.17	0.0072	P	3.1
3	☐	1000.000	1221.842	45400.40	0.3835	P	0.6
4	☐	2500.000	2572.901	95597.40	0.8068	P	0.9
5	☐	5000.000	5105.895	186792.90	1.6004	P	2.3
6	☐	10000.000	10335.199	366422.68	3.2389	P	5.5
7	☐	20000.000	19995.534	718633.47	6.2657	P	0.7
8	☐	100000.00	99958.037	3536486.28	31.3198	A	0.5

$$y = 3.1332\text{E-}004 * x + 6.2359\text{E-}004$$

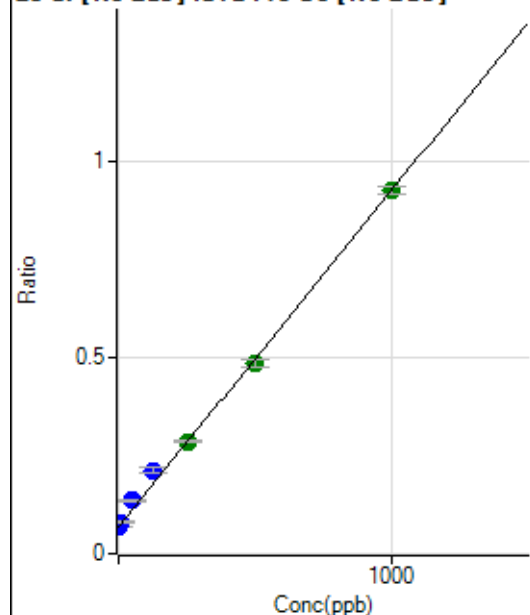
$$R = 1.0000$$

$$DL = 0.727$$

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	237369.29	0.0683	P	1.1
2	☐	10.000	14.407	272962.22	0.0806	P	3.3
3	☐	50.000	77.503	456935.59	0.1346	P	1.5
4	☐	125.000	167.917	714812.08	0.2120	P	6.8
5	☐	250.000	254.386	940860.05	0.2860	A	2.1
6	☐	500.000	487.135	1585295.23	0.4852	A	3.9
7	☐	1000.000	998.552	2969292.52	0.9230	A	2.0
8	☐			928195.09	0.3067	M	10.5

$$y = 8.5598\text{E-}004 * x + 0.0683$$

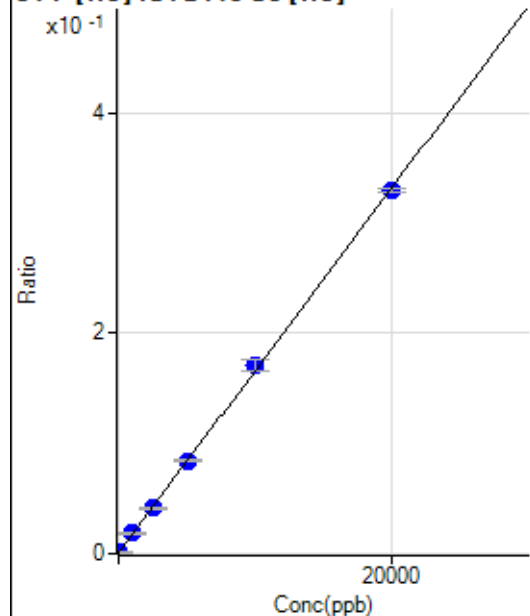
$$R = 0.9988$$

$$DL = 2.67$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.083	75.00	0.0006	P	58.9
2	☐	0.000	11.083	116.67	0.0010	P	31.7
3	☐	1000.000	1080.424	2211.34	0.0187	P	7.8
4	☐	2500.000	2446.010	4889.83	0.0413	P	3.2
5	☐	5000.000	5049.543	9845.20	0.0843	P	1.1
6	☐	10000.000	10259.575	19288.19	0.1705	P	6.4
7	☐	20000.000	19860.554	37780.38	0.3294	P	1.2
8	☐			102.78	0.0009	P	12.8

$$y = 1.6546\text{E-}005 * x + 7.8396\text{E-}004$$

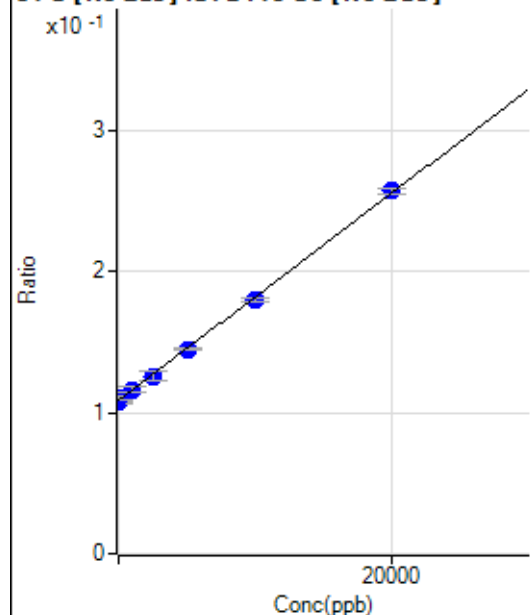
$$R = 0.9999$$

$$DL = 59.88$$

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	-232.368	371991.96	0.1070	P	0.3
2	☐	0.000	232.368	373888.91	0.1104	P	2.7
3	☐	1000.000	1045.348	394831.46	0.1164	P	3.9
4	☐	2500.000	2340.322	424654.71	0.1259	P	5.1
5	☐	5000.000	4919.478	476381.95	0.1448	P	0.9
6	☐	10000.000	9656.267	586762.36	0.1796	P	1.3
7	☐	20000.000	20209.689	826913.70	0.2571	P	1.8
8	☐			317694.67	0.1051	P	3.5

$$y = 7.3428\text{E-}006 * x + 0.1087$$

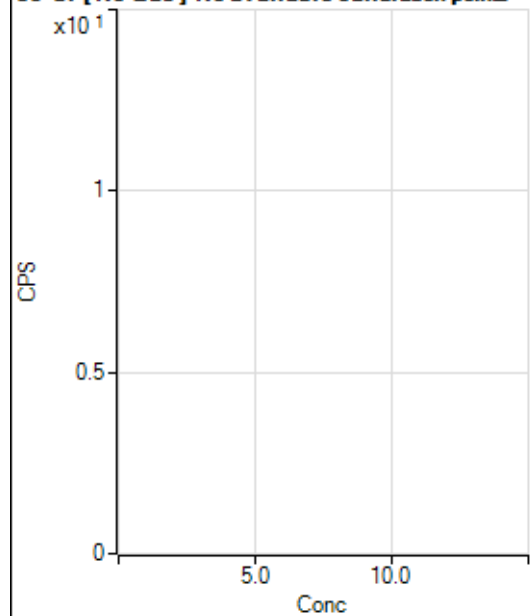
$$R = 0.9996$$

$$DL = 689.3$$

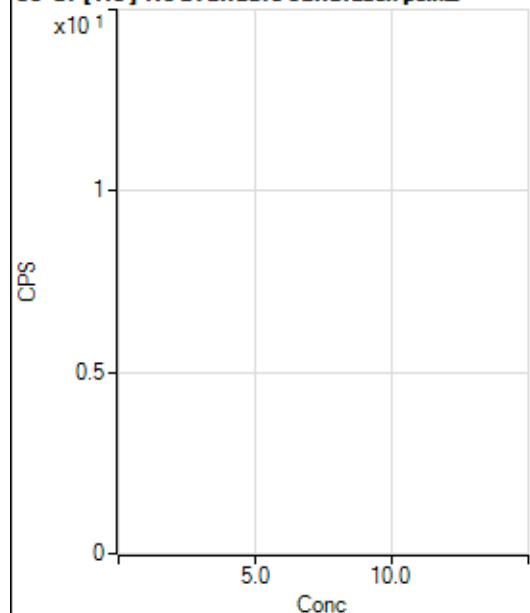
Weight: <None>

Min Conc: 0

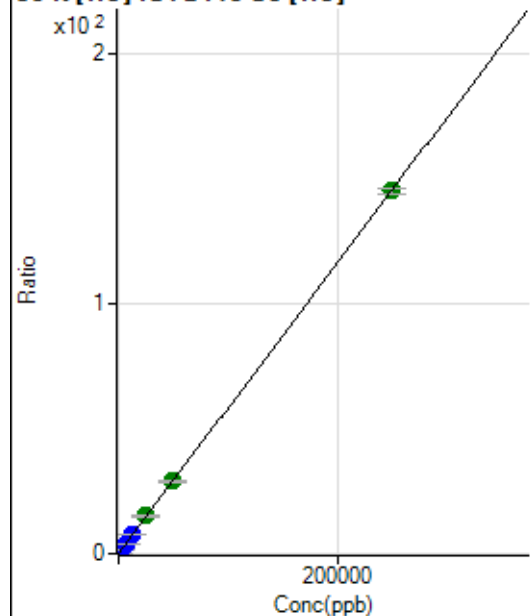
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			121736.54		P	1.7
2	☐			119871.46		P	1.5
3	☐			162654.06		P	2.0
4	☐			155686.00		P	1.7
5	☐			152341.77		P	1.0
6	☐			145694.46		P	1.2
7	☐			141935.71		P	1.2
8	☐			151581.30		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			780.60		P	13.0
2	☐			863.94		P	8.2
3	☐			1222.31		P	4.2
4	☐			1077.85		P	8.2
5	☐			1091.74		P	7.3
6	☐			986.17		P	7.9
7	☐			872.27		P	2.4
8	☐			1116.75		P	19.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12964.47	0.1038	P	4.0
2	☐	500.000	473.905	45801.06	0.3792	P	1.9
3	☐	2500.000	2696.998	197879.20	1.6714	P	0.9
4	☐	6250.000	6397.822	452921.09	3.8224	P	2.0
5	☐	12500.000	12549.597	863507.52	7.3981	P	2.0
6	☐	25000.000	26030.779	1723893.38	15.2339	A	4.7
7	☐	50000.000	49595.210	3318118.59	28.9305	A	1.0
8	☐	250000.00	249969.78	16414923.81	145.3961	A	1.8

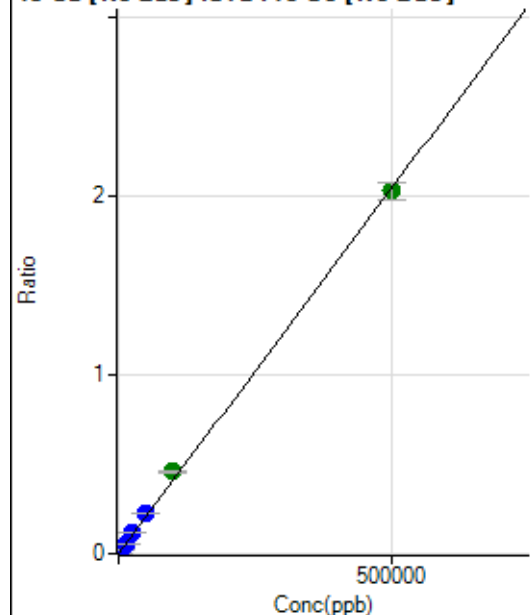
$$y = 5.8124\text{E-}004 * x + 0.1038$$

$$R = 1.0000$$

$$DL = 21.55$$

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	175.81	0.0001	P	7.9
2	☐	500.000	470.225	6679.06	0.0020	P	1.5
3	☐	5000.000	5823.116	80902.84	0.0238	P	2.7
4	☐	12500.000	13801.700	190350.43	0.0564	P	5.6
5	☐	25000.000	28328.895	380871.83	0.1158	P	1.0
6	☐	50000.000	55608.038	742352.00	0.2272	P	2.3
7	☐	100000.00	112617.41	1480017.10	0.4601	A	2.9
8	☐	500000.00	496708.52	6132593.02	2.0293	A	4.4

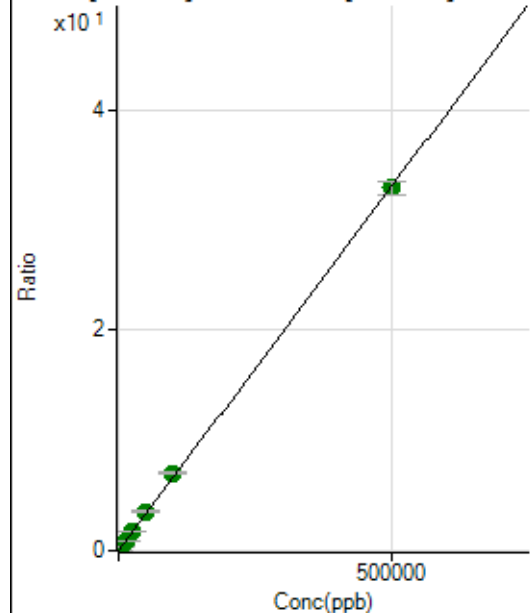
$$y = 4.0853\text{E-}006 * x + 5.0549\text{E-}005$$

$$R = 0.9996$$

$$DL = 2.921$$

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	29333.54	0.0084	P	0.9
2	☐	500.000	471.785	134100.70	0.0396	P	1.8
3	☐	5000.000	5694.054	1304772.77	0.3844	A	2.3
4	☐	12500.000	13366.815	3004432.50	0.8911	A	6.9
5	☐	25000.000	26877.767	5866450.51	1.7833	A	2.1
6	☐	50000.000	53924.029	11661378.91	3.5694	A	0.8
7	☐	100000.00	106512.24	22655018.99	7.0421	A	0.9
8	☐	500000.00	498182.67	99466825.98	32.9063	A	3.5

$$y = 6.6036\text{E-}005 * x + 0.0084$$

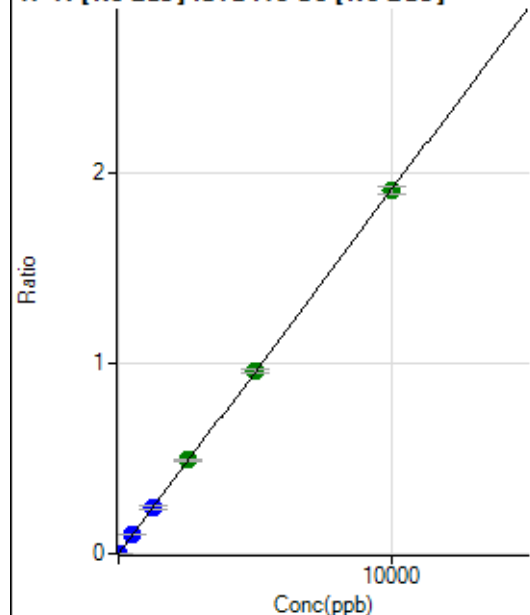
$$R = 0.9999$$

$$DL = 3.302$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	12.1
2	☐	5.000	4.889	3250.46	0.0010	P	5.9
3	☐	500.000	525.189	340735.50	0.1004	P	2.7
4	☐	1250.000	1259.928	811681.46	0.2408	P	7.9
5	☐	2500.000	2572.436	1617321.28	0.4917	A	2.3
6	☐	5000.000	5014.254	3131078.91	0.9584	A	2.3
7	☐	10000.000	9972.264	6131428.35	1.9060	A	2.2
8	☐			700.04	0.0002	P	4.8

$$y = 1.9113\text{E-}004 * x + 2.4787\text{E-}005$$

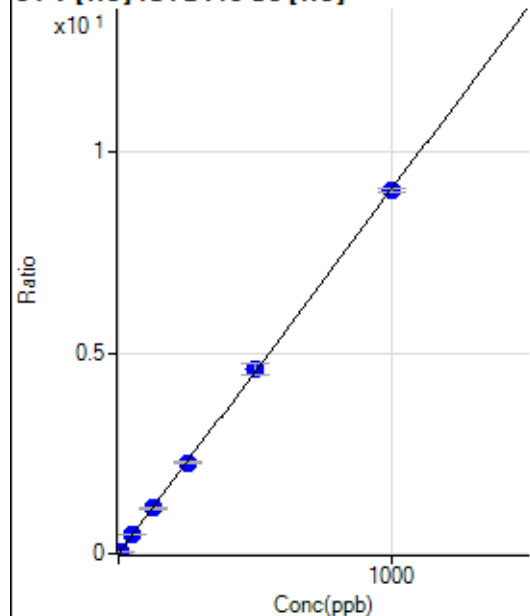
$$R = 1.0000$$

$$DL = 0.04715$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0001	P	72.2
2	☐	5.000	4.828	5311.04	0.0440	P	1.8
3	☐	50.000	52.652	56600.23	0.4781	P	2.0
4	☐	125.000	124.498	133926.78	1.1303	P	2.7
5	☐	250.000	250.464	265442.33	2.2738	P	0.9
6	☐	500.000	508.200	521903.18	4.6136	P	5.9
7	☐	1000.000	995.715	1036729.30	9.0392	P	1.0
8	☐			226.67	0.0020	P	8.5

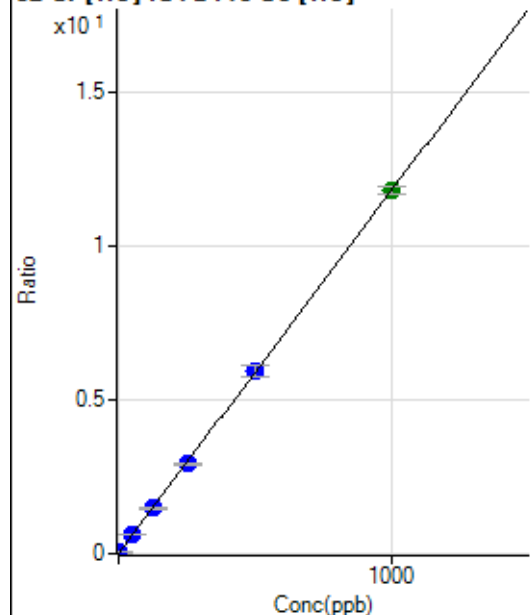
$$y = 0.0091 * x + 1.3347\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.03187$$

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	983.38	0.0079	P	3.7
2	☐	2.000	2.033	3848.33	0.0319	P	3.3
3	☐	50.000	52.697	74579.91	0.6300	P	1.6
4	☐	125.000	123.885	174212.15	1.4703	P	2.2
5	☐	250.000	248.160	342848.84	2.9374	P	2.2
6	☐	500.000	502.410	671874.31	5.9389	P	5.6
7	☐	1000.000	999.260	1353838.24	11.8042	A	2.1
8	☐			8282.47	0.0734	P	2.9

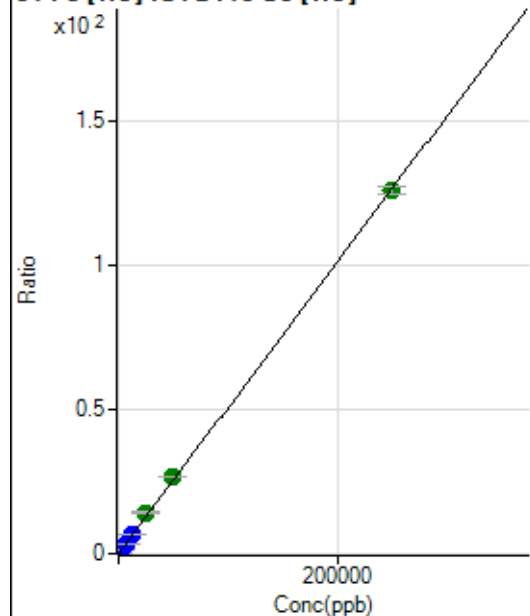
$$y = 0.0118 * x + 0.0079$$

$$R = 1.0000$$

$$DL = 0.07361$$

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	412.98	0.0033	P	11.6
2	☐	50.000	51.746	3554.21	0.0294	P	4.6
3	☐	2500.000	2814.596	168639.43	1.4244	P	1.1
4	☐	6250.000	6610.341	395862.91	3.3409	P	1.5
5	☐	12500.000	13229.365	780045.82	6.6830	P	1.9
6	☐	25000.000	28032.700	1601514.94	14.1573	A	5.8
7	☐	50000.000	52955.496	3066963.49	26.7411	A	1.5
8	☐	250000.00	249057.00	14196094.30	125.7549	A	2.0

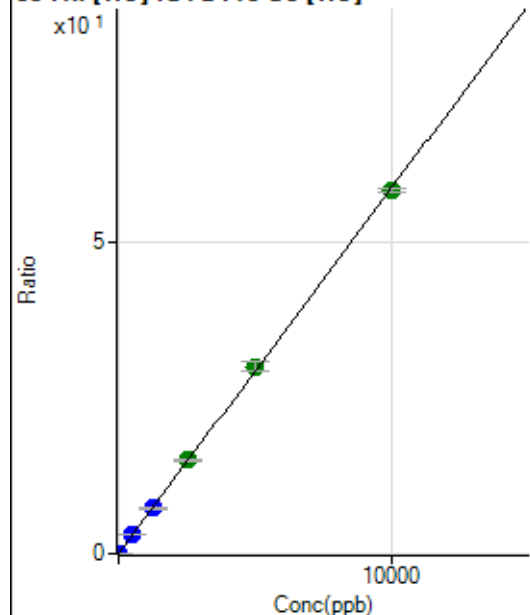
$$y = 5.0491E-004 * x + 0.0033$$

$$R = 0.9999$$

$$DL = 2.283$$

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	65.56	0.0005	P	19.4
2	☐	1.000	1.064	816.70	0.0068	P	1.6
3	☐	500.000	526.223	365291.74	3.0857	P	2.0
4	☐	1250.000	1236.730	859240.87	7.2514	P	1.0
5	☐	2500.000	2566.164	1756148.53	15.0459	A	2.0
6	☐	5000.000	5116.224	3394494.98	29.9968	A	4.7
7	☐	10000.000	9925.695	6674480.73	58.1945	A	1.0
8	☐			4763.06	0.0422	P	0.8

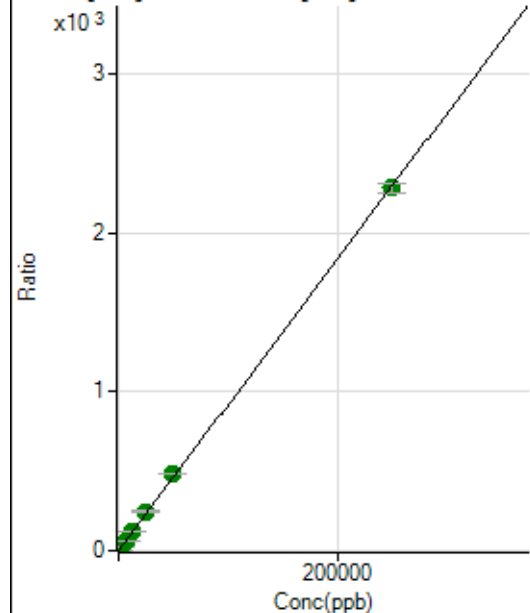
$$y = 0.0059 * x + 5.2481E-004$$

$$R = 0.9999$$

$$DL = 0.05206$$

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	2854.04	0.0228	P	5.9
2	☐	50.000	51.674	60005.65	0.4968	P	2.0
3	☐	2500.000	2837.915	3084700.27	26.0547	A	0.9
4	☐	6250.000	6641.225	7221416.08	60.9419	A	0.5
5	☐	12500.000	13310.278	14253334.93	122.1163	A	2.1
6	☐	25000.000	26653.900	27662009.88	244.5156	A	5.7
7	☐	50000.000	52509.914	55246122.53	481.6895	A	1.1
8	☐	250000.00	249278.95	258112135.4	2,286.626	A	2.3

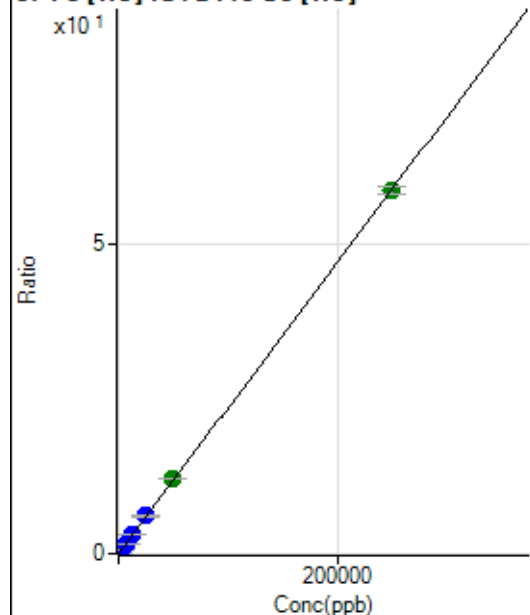
$$y = 0.0092 * x + 0.0228$$

$$R = 0.9999$$

$$DL = 0.4393$$

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	174.08	0.0014	P	24.1
2	☐	50.000	46.843	1496.40	0.0124	P	2.9
3	☐	2500.000	2725.522	75888.16	0.6410	P	1.7
4	☐	6250.000	6381.535	177629.79	1.4991	P	0.7
5	☐	12500.000	12926.101	354252.76	3.0350	P	2.3
6	☐	25000.000	25954.437	689286.54	6.0926	P	5.4
7	☐	50000.000	51818.311	1394953.91	12.1625	A	0.8
8	☐	250000.00	249514.04	6610698.53	58.5590	A	2.1

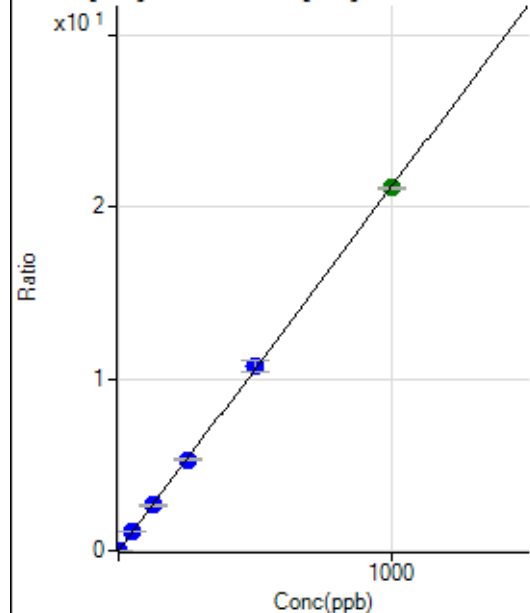
$$y = 2.3469\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 4.286$$

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	81.11	0.0006	P	20.6
2	☐	1.000	0.980	2582.48	0.0214	P	1.8
3	☐	50.000	53.041	132916.74	1.1228	P	2.3
4	☐	125.000	124.319	311743.64	2.6309	P	1.1
5	☐	250.000	249.317	615731.51	5.2755	P	2.3
6	☐	500.000	505.862	1210757.99	10.7033	P	5.9
7	☐	1000.000	997.173	2419841.16	21.0980	A	0.7
8	☐			5640.05	0.0499	P	2.0

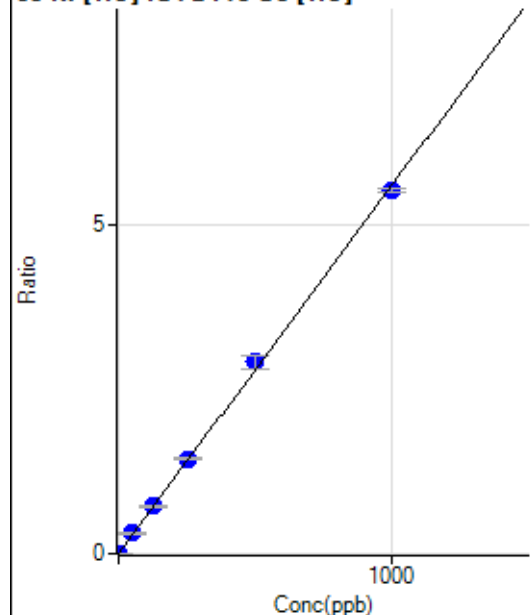
$$y = 0.0212 * x + 6.4912\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01893$$

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	102.22	0.0008	P	14.6
2	☐	1.000	1.057	814.47	0.0067	P	5.1
3	☐	50.000	55.054	36628.17	0.3094	P	2.8
4	☐	125.000	129.351	86012.61	0.7259	P	2.3
5	☐	250.000	258.372	169138.65	1.4492	P	2.7
6	☐	500.000	521.299	330520.86	2.9231	P	7.2
7	☐	1000.000	986.461	634336.27	5.5308	P	1.1
8	☐			3235.95	0.0286	P	6.7

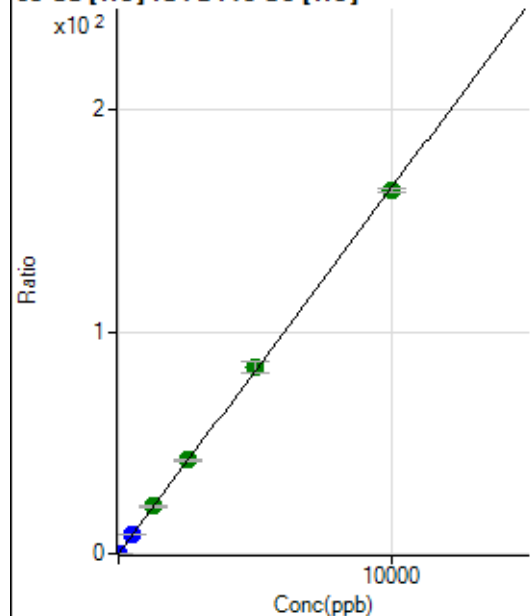
$$y = 0.0056 * x + 8.1812E-004$$

$$R = 0.9996$$

$$DL = 0.06381$$

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	590.02	0.0047	P	5.0
2	☐	2.000	2.057	4668.59	0.0387	P	2.2
3	☐	500.000	539.664	1054205.44	8.9046	P	1.4
4	☐	1250.000	1297.860	2536352.74	21.4083	A	3.0
5	☐	2500.000	2570.611	4948516.49	42.3978	A	2.3
6	☐	5000.000	5117.588	9547610.14	84.4011	A	6.1
7	☐	10000.000	9915.588	18755377.36	163.5270	A	0.9
8	☐			8751.65	0.0776	P	4.3

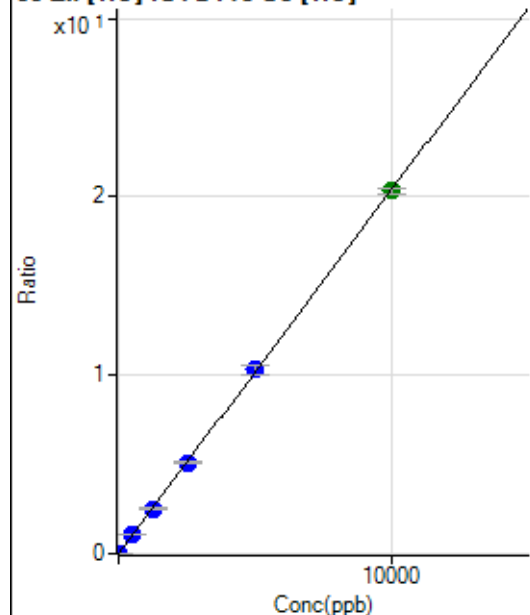
$$y = 0.0165 * x + 0.0047$$

$$R = 0.9999$$

$$DL = 0.04303$$

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	162.23	0.0013	P	8.7
2	☐	2.000	2.131	681.14	0.0056	P	10.0
3	☐	500.000	534.017	129016.20	1.0898	P	1.2
4	☐	1250.000	1240.482	299752.40	2.5297	P	1.4
5	☐	2500.000	2495.144	593811.26	5.0871	P	1.3
6	☐	5000.000	5059.148	1166759.76	10.3132	P	5.5
7	☐	10000.000	9971.129	2331088.18	20.3251	A	1.7
8	☐			5882.38	0.0521	P	0.4

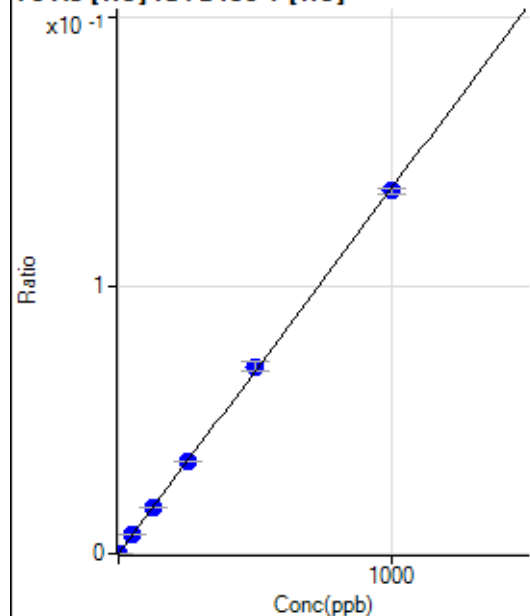
$$y = 0.0020 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 0.167$$

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	2.33	0.0000	P	25.7
2	☐	1.000	1.054	141.35	0.0001	P	13.8
3	☐	50.000	53.305	6914.07	0.0073	P	3.9
4	☐	125.000	126.962	16306.35	0.0173	P	2.4
5	☐	250.000	251.344	31753.34	0.0342	P	0.7
6	☐	500.000	512.489	63024.74	0.0698	P	4.5
7	☐	1000.000	993.009	124344.37	0.1353	P	1.3
8	☐			41.33	0.0000	P	7.2

$$y = 1.3620E-004 * x + 2.3167E-006$$

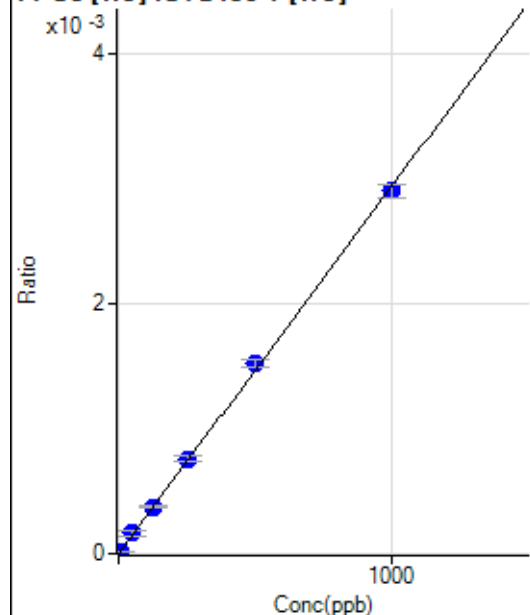
$$R = 0.9999$$

$$DL = 0.01312$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.296	12.22	0.0000	P	41.3
3	☐	50.000	55.141	153.34	0.0002	P	28.1
4	☐	125.000	128.244	354.45	0.0004	P	4.2
5	☐	250.000	259.082	704.47	0.0008	P	5.5
6	☐	500.000	517.063	1368.97	0.0015	P	3.9
7	☐	1000.000	988.539	2664.73	0.0029	P	4.0
8	☐			15.56	0.0000	P	81.6

$$y = 2.9317\text{E-}006 * x + 0.0000\text{E+}000$$

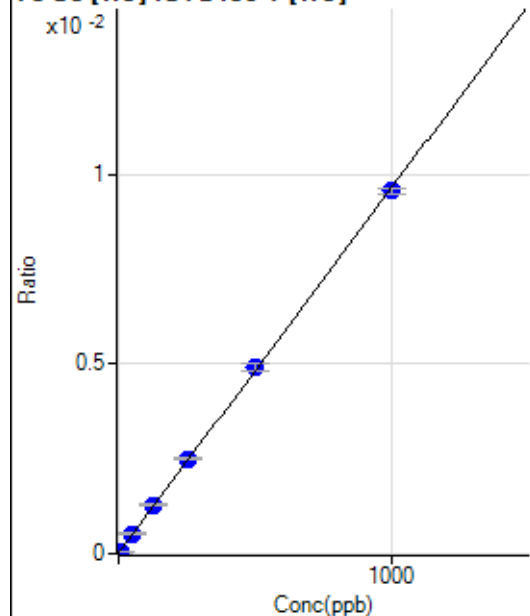
$$R = 0.9997$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.33	0.0000	P	19.8
2	☐	5.000	4.395	55.68	0.0001	P	9.4
3	☐	50.000	52.352	493.73	0.0005	P	11.2
4	☐	125.000	132.085	1213.18	0.0013	P	2.7
5	☐	250.000	258.081	2318.43	0.0025	P	2.2
6	☐	500.000	509.788	4444.49	0.0049	P	4.8
7	☐	1000.000	992.086	8793.97	0.0096	P	1.8
8	☐			60.34	0.0001	P	3.6

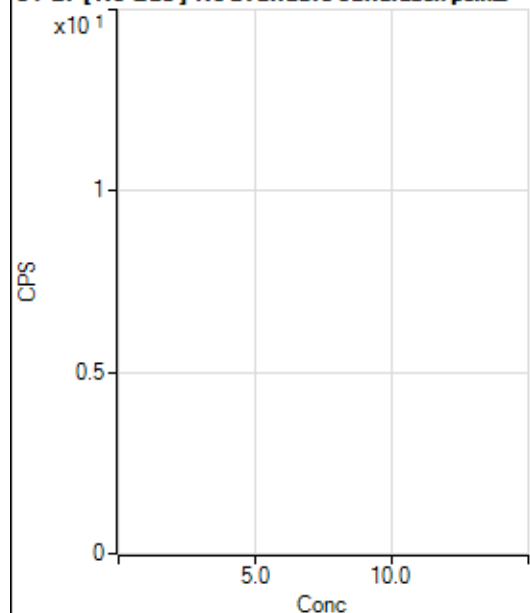
$$y = 9.6267\text{E-}006 * x + 1.5180\text{E-}005$$

$$R = 0.9999$$

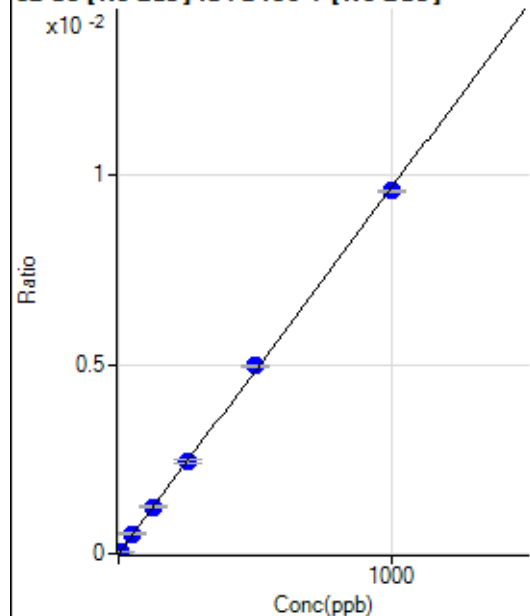
$$DL = 0.9359$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3620.02		P	6.2
2	☐			3661.69		P	0.9
3	☐			3444.96		P	5.2
4	☐			3239.35		P	5.9
5	☐			3311.62		P	1.8
6	☐			3253.26		P	8.2
7	☐			3322.71		P	2.9
8	☐			4264.65		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-20.41	0.0000	P	-215.
2	☐	5.000	4.903	388.30	0.0000	P	8.7
3	☐	50.000	54.907	4466.07	0.0005	P	1.1
4	☐	125.000	127.036	10619.11	0.0012	P	4.8
5	☐	250.000	254.527	20773.87	0.0025	P	4.4
6	☐	500.000	513.566	41343.85	0.0050	P	1.1
7	☐	1000.000	991.586	80638.90	0.0096	P	0.7
8	☐			432.88	0.0001	P	7.4

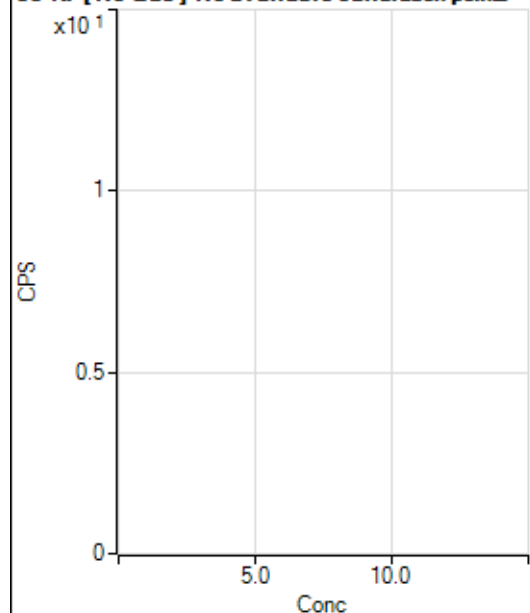
$$y = 9.6781E-006 * x - 2.3167E-006$$

$$R = 0.9998$$

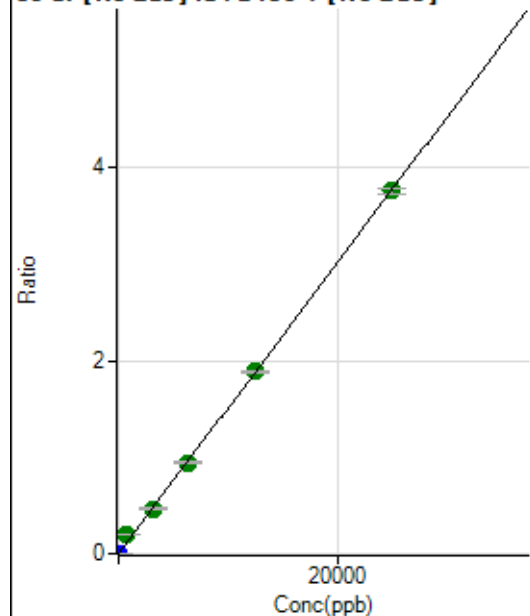
$$DL = 1.548$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			226.64		P	9.9
2	☐			226.22		P	9.4
3	☐			214.14		P	10.0
4	☐			204.98		P	6.9
5	☐			212.89		P	6.3
6	☐			196.65		P	6.5
7	☐			202.06		P	10.4
8	☐			194.98		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	347.24	0.0000	P	14.0
2	☐	1.000	1.046	1691.81	0.0002	P	4.9
3	☐	625.000	1341.535	1702600.95	0.2017	A	2.4
4	☐	3125.000	3099.559	4032781.60	0.4661	A	5.2
5	☐	6250.000	6281.608	7975070.40	0.9445	A	1.9
6	☐	12500.000	12509.996	15651020.84	1.8809	A	2.0
7	☐	25000.000	24972.367	31558663.21	3.7546	A	1.5
8	☐			3331.06	0.0004	P	6.9

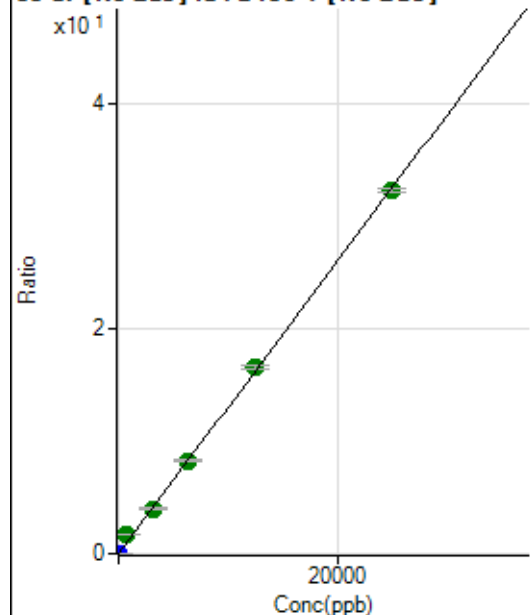
$$y = 1.5035E-004 * x + 3.9534E-005$$

$$R = 0.9996$$

$$DL = 0.1105$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.80	0.0001	P	14.3
2	☐	1.000	1.027	11969.31	0.0014	P	3.4
3	☐	625.000	1326.679	14526743.03	1.7209	A	0.9
4	☐	3125.000	3079.612	34564203.90	3.9946	A	5.1
5	☐	6250.000	6380.525	69865793.92	8.2762	A	3.4
6	☐	12500.000	12720.455	137294030.8	16.4997	A	2.1
7	☐	25000.000	24845.272	270866603.2	32.2268	A	1.1
8	☐			27271.81	0.0035	P	6.3

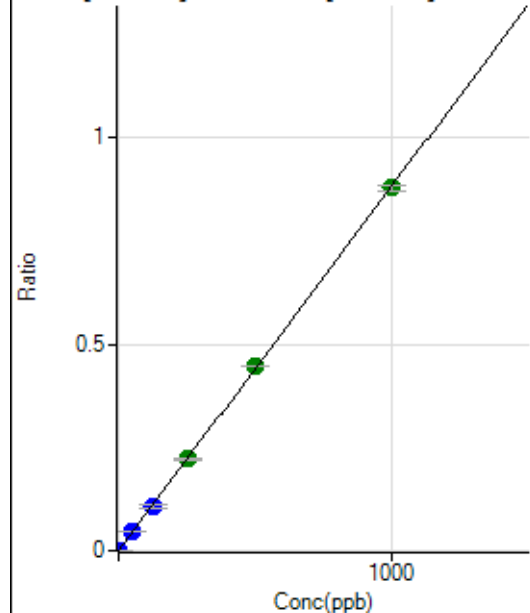
$$y = 0.0013 * x + 5.9992E-005$$

$$R = 0.9996$$

$$DL = 0.01988$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	330.57	0.0000	P	10.9
2	☐	1.000	0.950	7535.56	0.0009	P	2.4
3	☐	50.000	52.207	389296.78	0.0461	P	0.8
4	☐	125.000	122.999	939178.30	0.1086	P	7.0
5	☐	250.000	252.927	1885121.88	0.2233	A	2.4
6	☐	500.000	506.307	3719017.58	0.4469	A	0.8
7	☐	1000.000	996.255	7390105.72	0.8794	A	1.6
8	☐			3256.03	0.0004	P	4.3

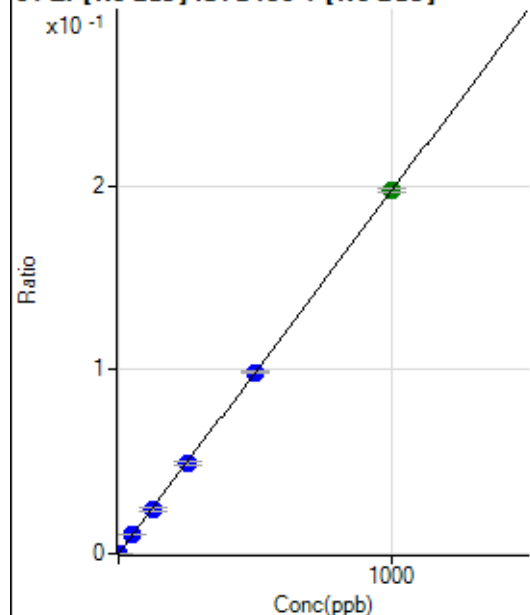
$$y = 8.8263E-004 * x + 3.7582E-005$$

$$R = 1.0000$$

$$DL = 0.01391$$

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	77.78	0.0000	P	61.1
2	☐	1.000	0.927	1650.14	0.0002	P	10.1
3	☐	50.000	51.489	85814.12	0.0102	P	1.5
4	☐	125.000	121.355	207033.38	0.0239	P	7.6
5	☐	250.000	249.877	416157.19	0.0493	P	3.2
6	☐	500.000	500.671	821900.95	0.0988	P	1.5
7	☐	1000.000	1000.077	1658005.67	0.1973	A	1.0
8	☐			622.26	0.0001	P	13.8

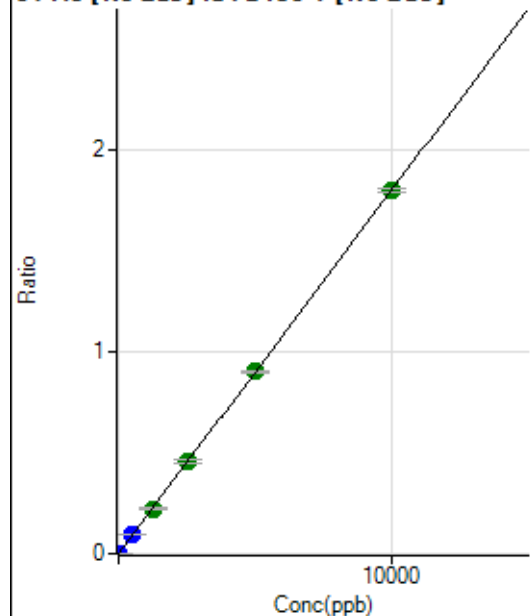
$$y = 1.9724\text{E-}004 * x + 8.7914\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.08164$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.00	0.0000	P	32.2
2	☐	5.000	5.719	8983.72	0.0010	P	3.6
3	☐	500.000	536.830	816650.85	0.0967	P	0.3
4	☐	1250.000	1232.441	1920818.34	0.2221	A	6.2
5	☐	2500.000	2545.880	3871593.88	0.4587	A	4.3
6	☐	5000.000	5005.288	7504853.99	0.9018	A	0.8
7	☐	10000.000	9986.239	15122452.25	1.7992	A	1.1
8	☐			5378.99	0.0007	P	8.9

$$y = 1.8017\text{E-}004 * x + 1.4203\text{E-}005$$

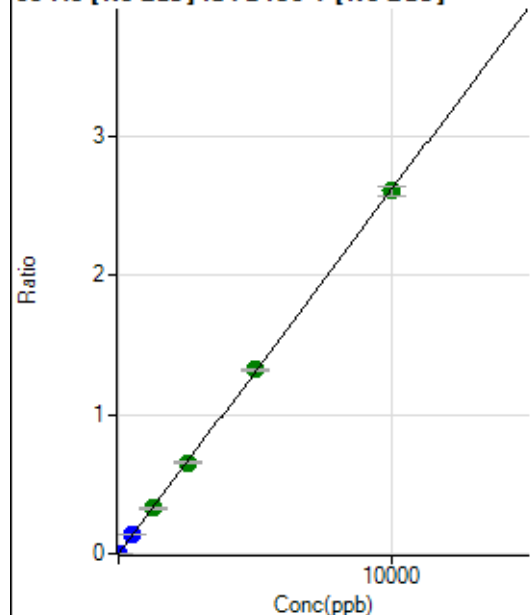
$$R = 1.0000$$

$$DL = 0.0762$$

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	41.67	0.0000	P	34.7
2	☐	5.000	5.123	11582.89	0.0013	P	2.3
3	☐	500.000	534.377	1181203.69	0.1399	P	1.5
4	☐	1250.000	1242.553	2815016.60	0.3254	A	5.9
5	☐	2500.000	2506.141	5540334.80	0.6563	A	3.8
6	☐	5000.000	5052.438	11010620.64	1.3231	A	0.8
7	☐	10000.000	9971.458	21949189.38	2.6112	A	2.5
8	☐			7432.77	0.0009	P	5.2

$$y = 2.6187E-004 * x + 4.7439E-006$$

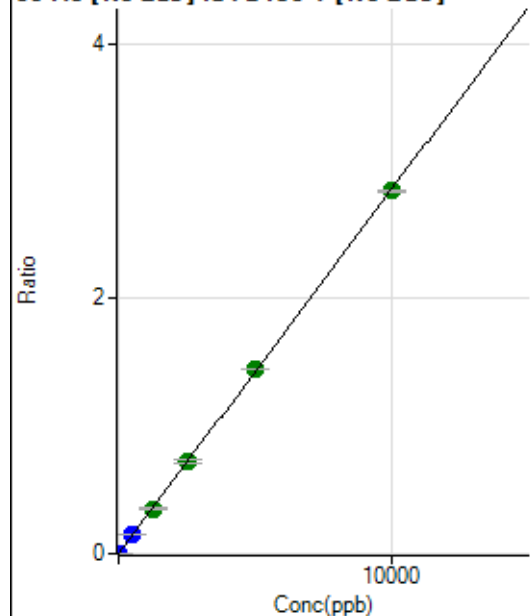
$$R = 1.0000$$

$$DL = 0.01887$$

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	111.12	0.0000	P	49.3
2	☐	5.000	4.911	12189.02	0.0014	P	2.4
3	☐	500.000	537.044	1296373.06	0.1536	P	0.4
4	☐	1250.000	1234.011	3052305.08	0.3528	A	5.8
5	☐	2500.000	2522.290	6087637.68	0.7212	A	4.1
6	☐	5000.000	5070.110	12062429.96	1.4496	A	0.8
7	☐	10000.000	9959.519	23932967.89	2.8475	A	0.7
8	☐			8547.31	0.0011	P	6.8

$$y = 2.8591E-004 * x + 1.2721E-005$$

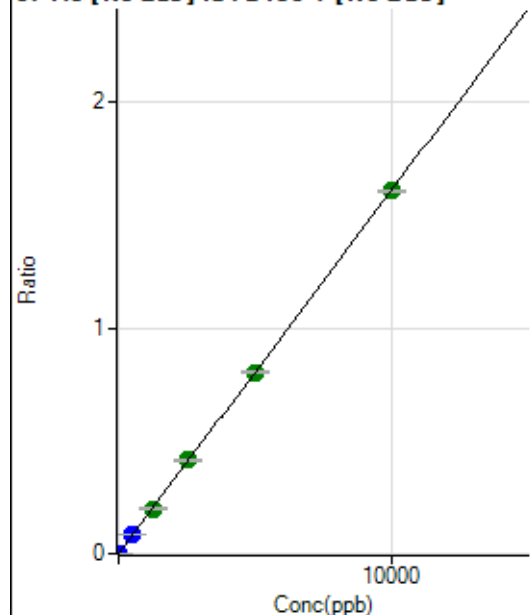
$$R = 1.0000$$

$$DL = 0.06586$$

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	27.78	0.0000	P	46.0
2	☐	5.000	5.096	7077.00	0.0008	P	5.4
3	☐	500.000	540.589	734276.60	0.0870	P	1.5
4	☐	1250.000	1238.544	1723352.57	0.1993	A	7.3
5	☐	2500.000	2571.280	3493206.02	0.4137	A	3.0
6	☐	5000.000	4994.989	6688785.17	0.8037	A	0.5
7	☐	10000.000	9984.088	13502601.69	1.6065	A	0.3
8	☐			4556.45	0.0006	P	5.7

$$y = 1.6091\text{E-}004 * x + 3.1685\text{E-}006$$

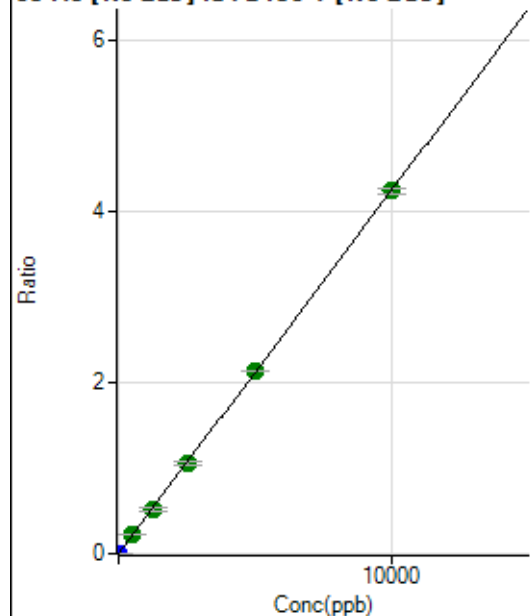
$$R = 1.0000$$

$$DL = 0.0272$$

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	58.34	0.0000	P	16.1
2	☐	5.000	4.928	18042.74	0.0021	P	2.5
3	☐	500.000	528.834	1894504.38	0.2245	A	1.7
4	☐	1250.000	1207.802	4434401.05	0.5126	A	6.1
5	☐	2500.000	2504.581	8973998.99	1.0630	A	3.5
6	☐	5000.000	5027.075	17756349.88	2.1336	A	0.8
7	☐	10000.000	9989.150	35636983.09	4.2396	A	1.9
8	☐			11899.89	0.0015	P	6.9

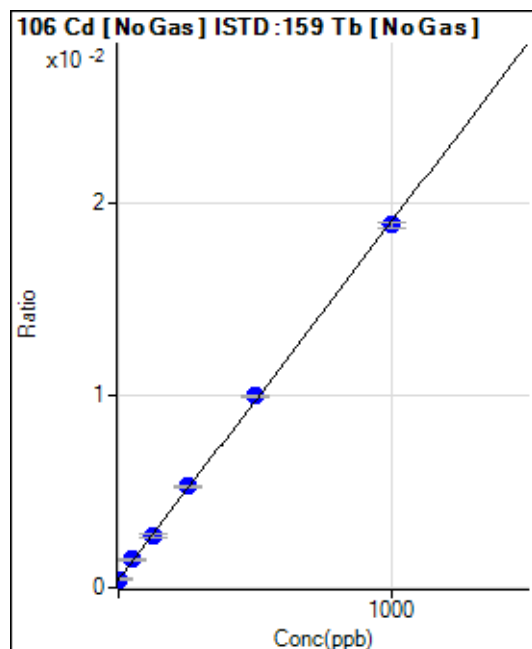
$$y = 4.2442\text{E-}004 * x + 6.6534\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.007578$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2767.02	0.0004	P	5.7
2	☐	1.000	0.810	2794.81	0.0004	P	9.4
3	☐	50.000	56.254	9442.39	0.0015	P	3.8
4	☐	125.000	124.123	17759.01	0.0027	P	7.5
5	☐	250.000	260.960	34268.29	0.0053	P	2.7
6	☐	500.000	512.389	64753.08	0.0100	P	1.3
7	☐	1000.000	990.863	123741.71	0.0189	P	1.4
8	☐			2530.86	0.0004	P	8.3

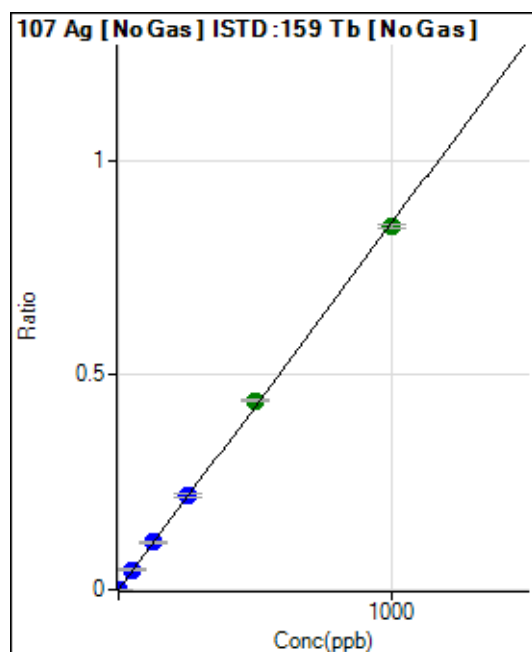
$$y = 1.8622\text{E-}005 * x + 4.1945\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.829$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	38.8
2	☐	1.000	1.062	5898.66	0.0009	P	3.6
3	☐	50.000	54.768	301327.05	0.0468	P	1.9
4	☐	125.000	128.607	714658.14	0.1099	P	6.9
5	☐	250.000	256.603	1422981.68	0.2192	P	3.8
6	☐	500.000	515.685	2863482.68	0.4406	A	1.1
7	☐	1000.000	989.817	5545076.99	0.8457	A	1.1
8	☐			1163.97	0.0002	P	14.1

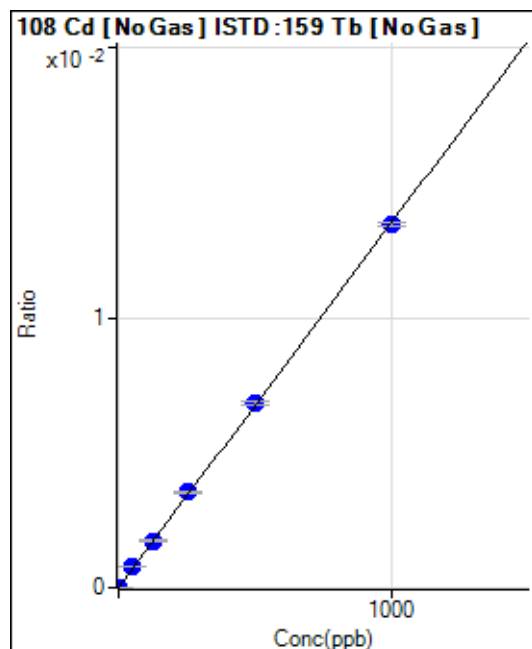
$$y = 8.5437\text{E-}004 * x + 8.8758\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01209$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.83	0.0000	P	53.6
2	☐	1.000	0.995	106.95	0.0000	P	7.3
3	☐	50.000	55.765	4870.37	0.0008	P	2.3
4	☐	125.000	127.313	11221.36	0.0017	P	3.7
5	☐	250.000	260.994	22906.68	0.0035	P	3.3
6	☐	500.000	505.279	44389.41	0.0068	P	2.0
7	☐	1000.000	994.035	88067.95	0.0134	P	1.2
8	☐			80.56	0.0000	P	28.9

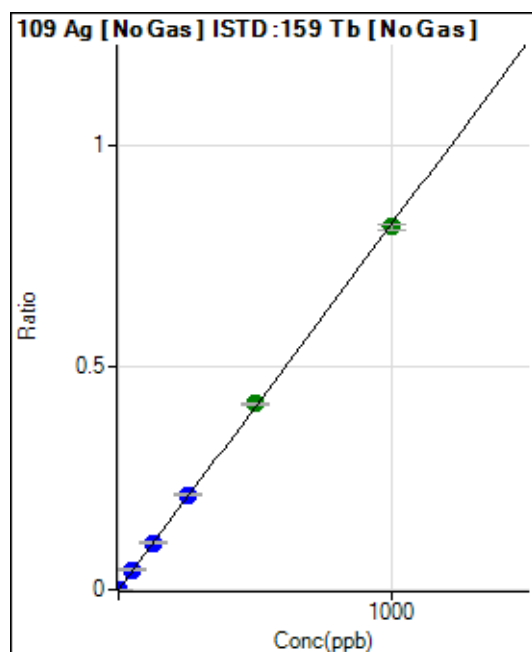
$$y = 1.3509\text{E-}005 * x + 3.1750\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.378$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	68.0
2	☐	1.000	1.023	5442.89	0.0008	P	3.1
3	☐	50.000	55.023	291222.55	0.0452	P	2.3
4	☐	125.000	128.297	686259.94	0.1055	P	5.7
5	☐	250.000	259.576	1385140.05	0.2134	P	2.4
6	☐	500.000	508.275	2715771.50	0.4178	A	0.4
7	☐	1000.000	992.805	5351255.20	0.8161	A	1.6
8	☐			1161.20	0.0002	P	7.8

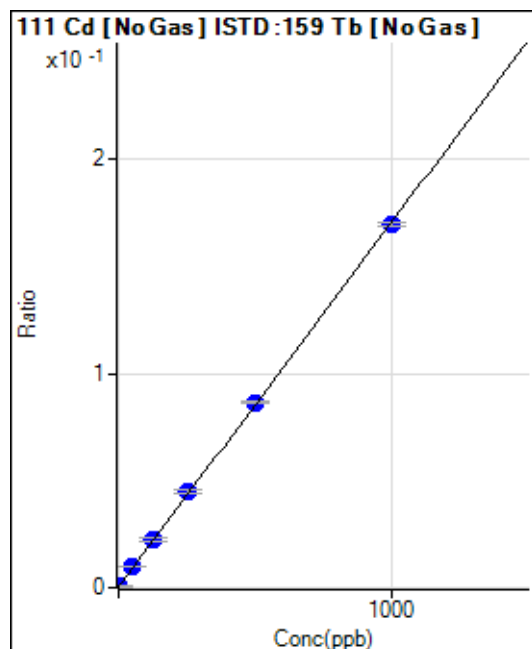
$$y = 8.2202\text{E-}004 * x + 5.0957\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01264$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1932.05	0.0003	P	5.2
2	☐	1.000	1.000	2977.40	0.0005	P	9.9
3	☐	50.000	55.018	62145.47	0.0097	P	2.3
4	☐	125.000	129.628	145315.38	0.0223	P	7.1
5	☐	250.000	261.814	291030.22	0.0448	P	2.9
6	☐	500.000	505.901	561291.57	0.0864	P	0.9
7	☐	1000.000	993.267	1109907.34	0.1693	P	1.0
8	☐			2201.34	0.0004	P	8.9

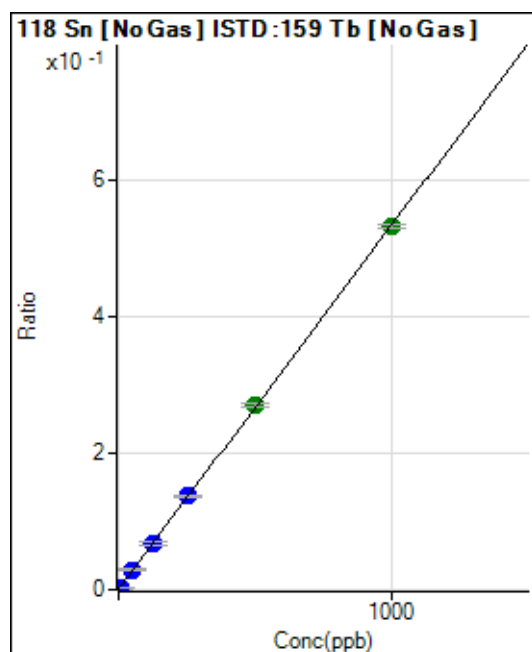
$$y = 1.7012\text{E-}004 * x + 2.9288\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2689$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4225.91	0.0006	P	8.4
2	☐	5.000	5.267	22157.53	0.0034	P	2.8
3	☐	50.000	53.694	188120.94	0.0292	P	2.4
4	☐	125.000	127.054	443942.88	0.0683	P	7.2
5	☐	250.000	256.393	890097.81	0.1371	P	1.8
6	☐	500.000	504.721	1750270.78	0.2693	A	2.1
7	☐	1000.000	995.599	3478895.04	0.5306	A	1.1
8	☐			2700.34	0.0004	P	11.7

$$y = 5.3227\text{E-}004 * x + 6.4100\text{E-}004$$

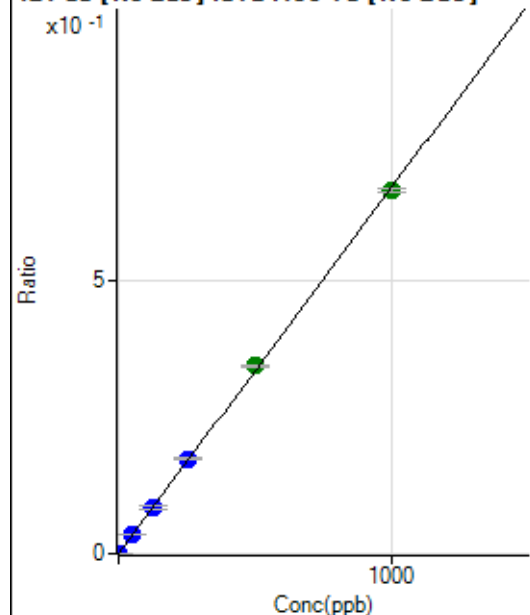
$$R = 1.0000$$

$$DL = 0.3043$$

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	33.33	0.0000	P	24.4
2	☐	2.000	2.005	8655.83	0.0013	P	1.8
3	☐	50.000	54.206	233259.09	0.0362	P	2.7
4	☐	125.000	127.279	553405.33	0.0851	P	6.4
5	☐	250.000	258.035	1119651.07	0.1725	P	1.7
6	☐	500.000	513.181	2229524.40	0.3430	A	0.7
7	☐	1000.000	990.906	4342701.36	0.6623	A	1.2
8	☐			2052.99	0.0003	P	23.0

$$y = 6.6837E-004 * x + 5.0432E-006$$

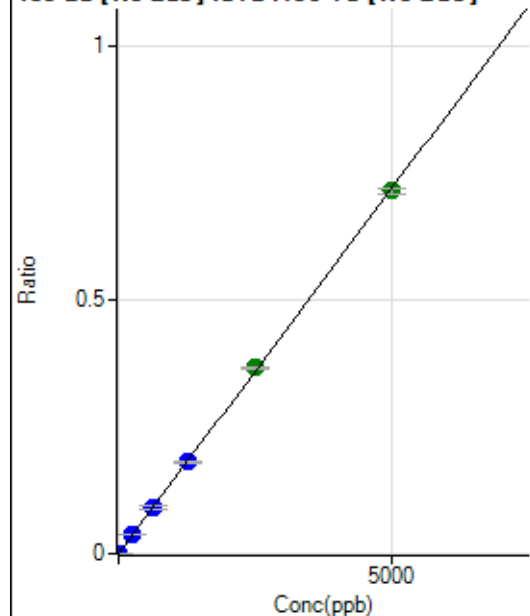
$$R = 0.9998$$

$$DL = 0.005512$$

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	69.45	0.0000	P	57.2
2	☐	10.000	9.853	9178.38	0.0014	P	0.3
3	☐	250.000	264.642	244951.70	0.0380	P	1.6
4	☐	625.000	626.741	585890.49	0.0901	P	6.6
5	☐	1250.000	1260.755	1176234.21	0.1812	P	2.5
6	☐	2500.000	2551.356	2382985.17	0.3667	A	1.2
7	☐	5000.000	4970.684	4683924.45	0.7143	A	1.5
8	☐			2775.37	0.0005	P	11.5

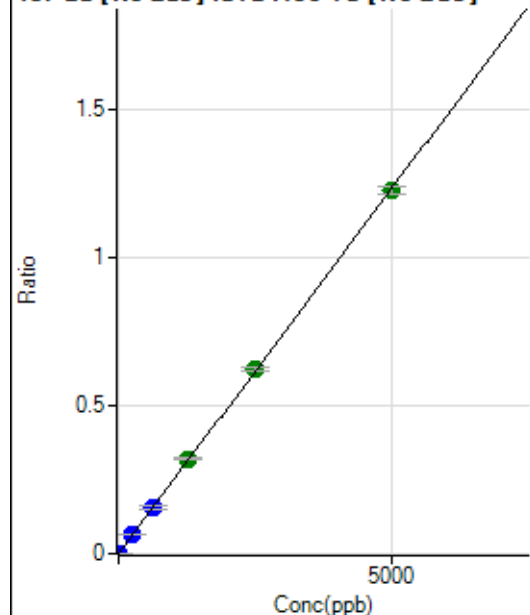
$$y = 1.4371E-004 * x + 1.0446E-005$$

$$R = 0.9999$$

$$DL = 0.1247$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	31.0
2	☐	10.000	9.771	15573.32	0.0024	P	4.6
3	☐	250.000	268.100	425626.72	0.0661	P	2.2
4	☐	625.000	633.094	1015035.22	0.1561	P	6.8
5	☐	1250.000	1295.325	2073150.83	0.3193	A	2.1
6	☐	2500.000	2530.217	4054230.95	0.6237	A	1.8
7	☐	5000.000	4971.644	8035717.89	1.2255	A	2.0
8	☐			5017.76	0.0008	P	7.5

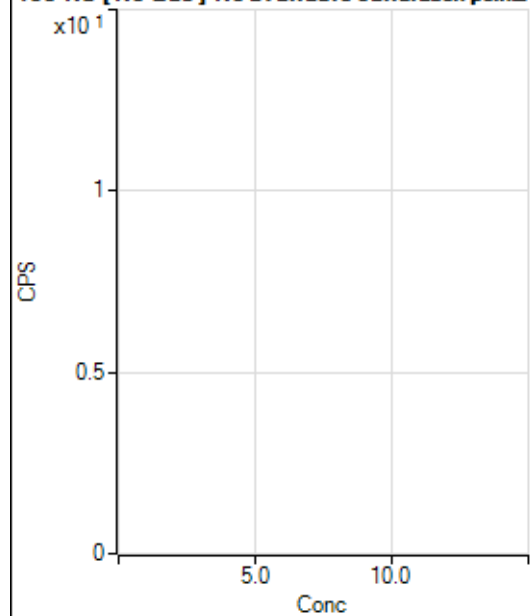
$$y = 2.4650E-004 * x + 1.1411E-005$$

$$R = 0.9999$$

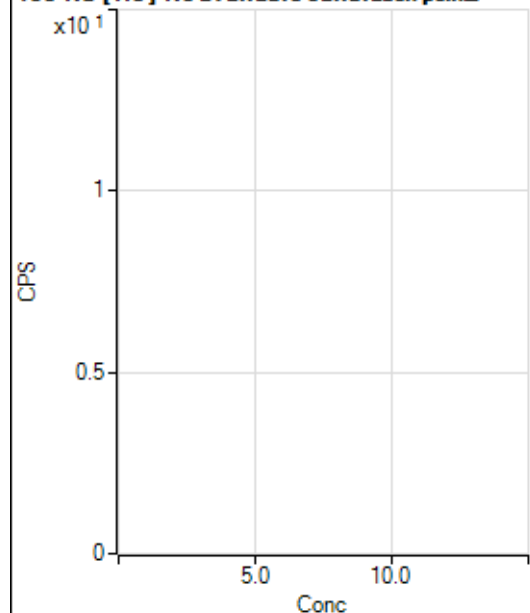
$$DL = 0.04311$$

Weight: <None>

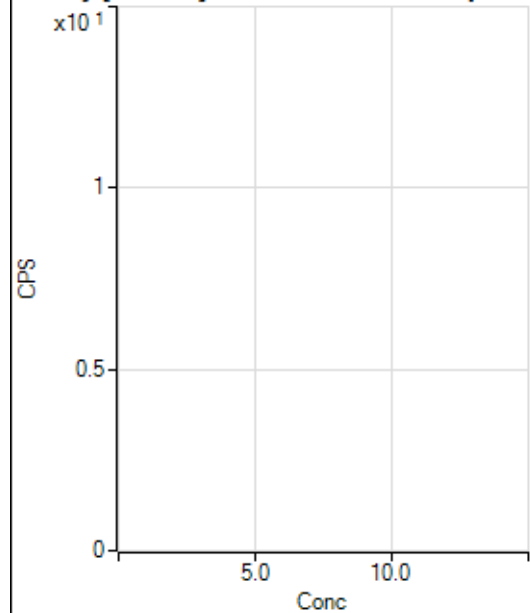
Min Conc: 0

150 Nd [No Gas] No available calibration points

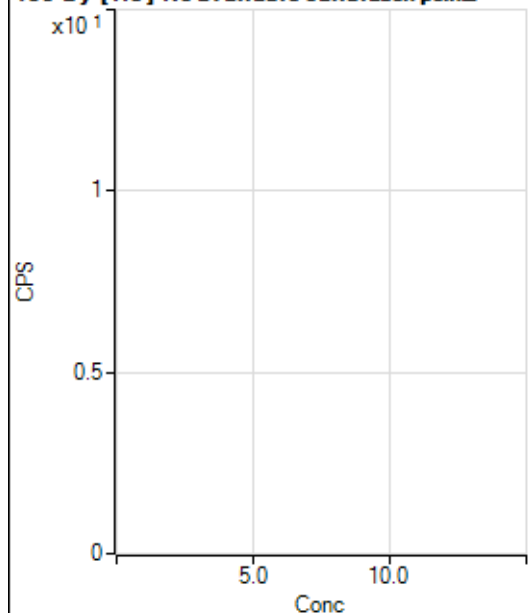
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	65.5
2	☐			11.11		P	34.6
3	☐			22.22		P	96.4
4	☐			42.22		P	48.2
5	☐			55.56		P	45.4
6	☐			97.78		P	7.9
7	☐			228.90		P	13.8
8	☐			160.01		P	31.5

150 Nd [He] No available calibration points

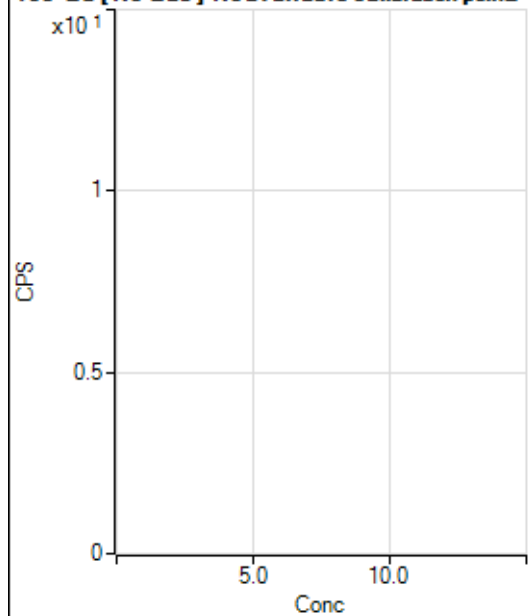
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			3.33		P	173.2
4	☐			5.56		P	34.7
5	☐			5.56		P	34.7
6	☐			12.22		P	56.8
7	☐			23.33		P	NaN
8	☐			51.11		P	29.4

156 Dy [No Gas] No available calibration points

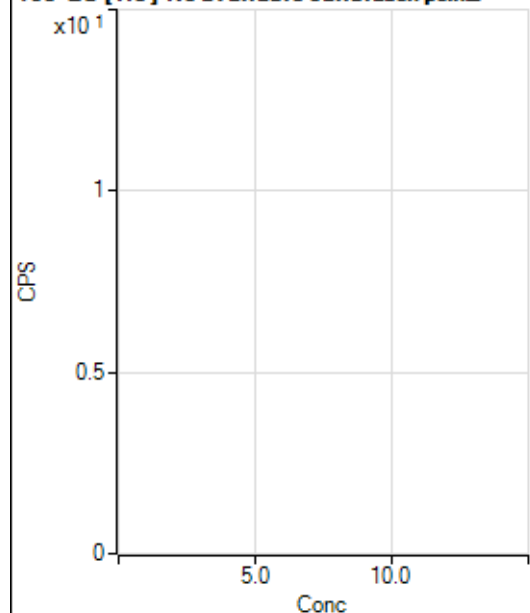
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐			5.55		P	86.6
3	☐			27.78		P	45.8
4	☐			30.56		P	31.5
5	☐			50.00		P	16.7
6	☐			144.45		P	32.8
7	☐			227.79		P	9.2
8	☐			972.28		P	2.8

156 Dy [He] No available calibration points

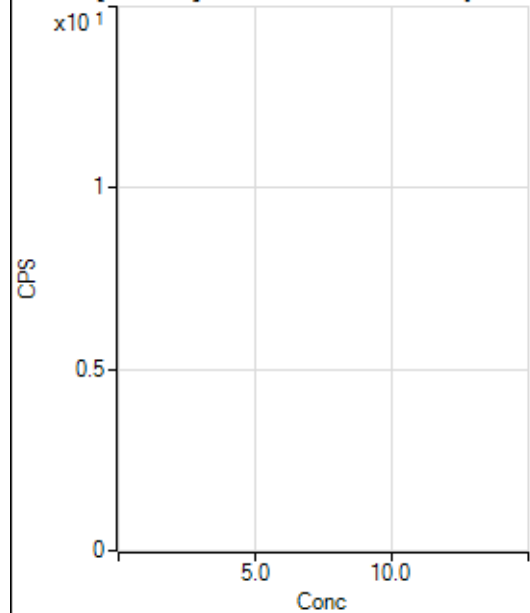
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	0.0
3	☐			10.00		P	66.7
4	☐			27.78		P	59.2
5	☐			41.11		P	41.6
6	☐			72.22		P	9.6
7	☐			172.23		P	11.7
8	☐			473.35		P	4.3

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

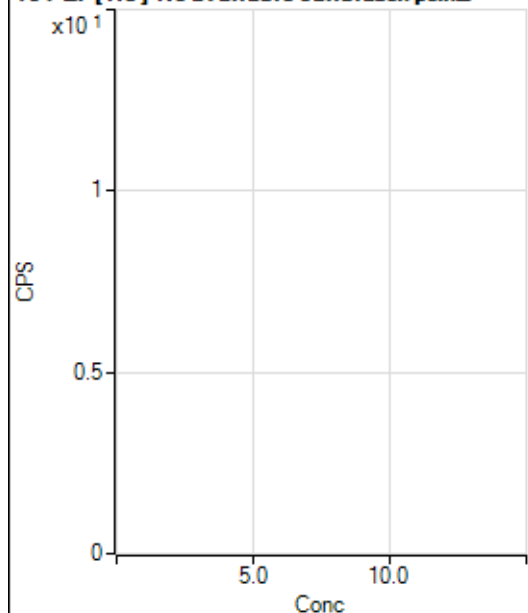
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	7.9
2	☐			69.45		P	6.9
3	☐			83.33		P	17.3
4	☐			80.56		P	39.2
5	☐			86.11		P	14.8
6	☐			183.34		P	18.2
7	☐			322.24		P	5.4
8	☐			1000.07		P	6.3

160 Gd [He] No available calibration points

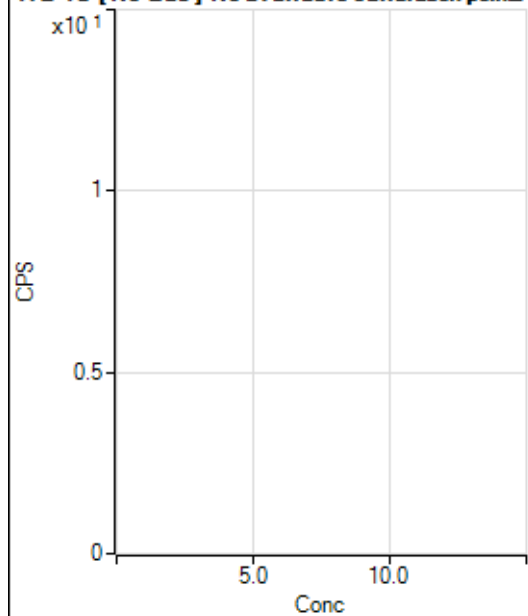
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.33		P	9.5
2	☐			103.34		P	20.1
3	☐			108.89		P	18.7
4	☐			107.78		P	14.6
5	☐			122.23		P	10.3
6	☐			140.00		P	6.3
7	☐			216.67		P	1.5
8	☐			633.36		P	6.9

164 Er [No Gas] No available calibration points

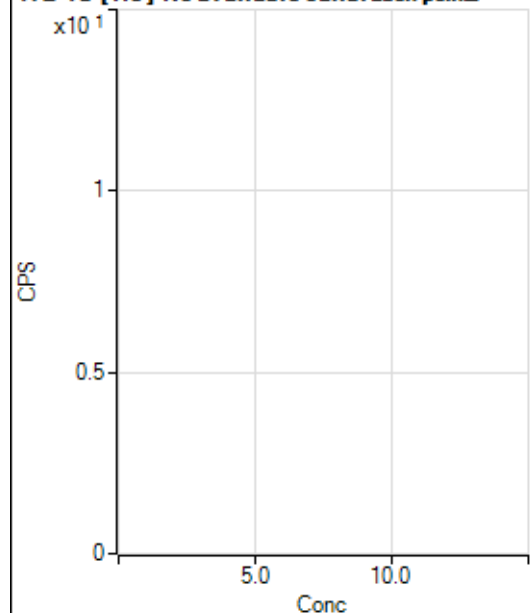
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	15.7
2	☐			22.22		P	43.3
3	☐			33.33		P	50.0
4	☐			50.00		P	44.1
5	☐			52.78		P	18.2
6	☐			69.45		P	6.9
7	☐			83.34		P	70.0
8	☐			155.56		P	29.5

164 Er [He] No available calibration points

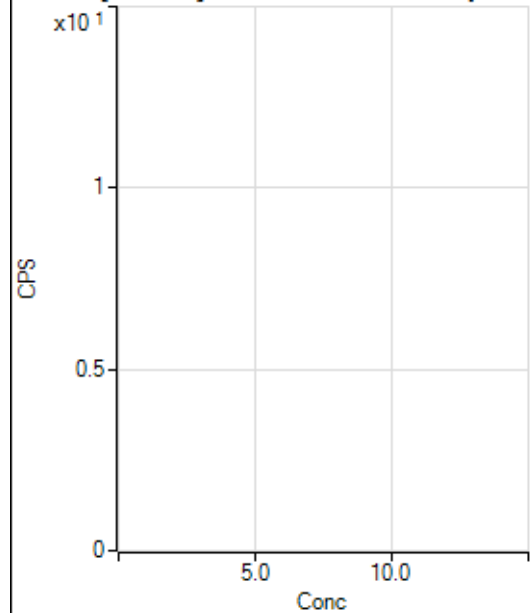
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	24.1
2	☐			23.33		P	28.6
3	☐			27.78		P	18.3
4	☐			23.33		P	37.8
5	☐			24.44		P	20.8
6	☐			33.33		P	43.6
7	☐			38.89		P	40.5
8	☐			80.00		P	12.5

172 Yb [No Gas] No available calibration points

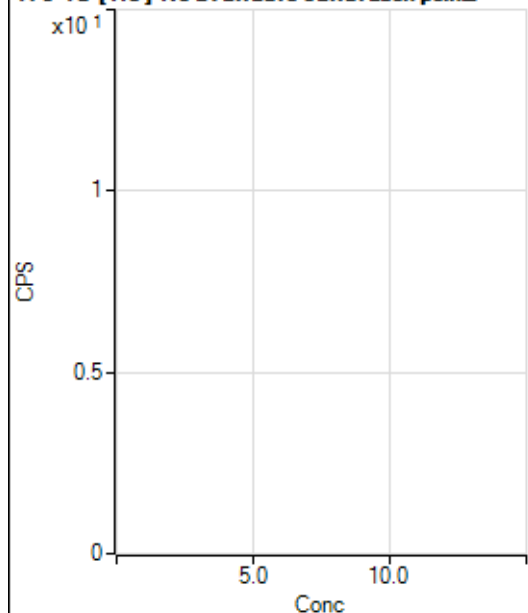
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐			27.78		P	62.5
3	☐			38.89		P	12.4
4	☐			47.22		P	20.4
5	☐			66.67		P	21.7
6	☐			58.33		P	28.6
7	☐			102.78		P	12.4
8	☐			100.00		P	22.0

172 Yb [He] No available calibration points

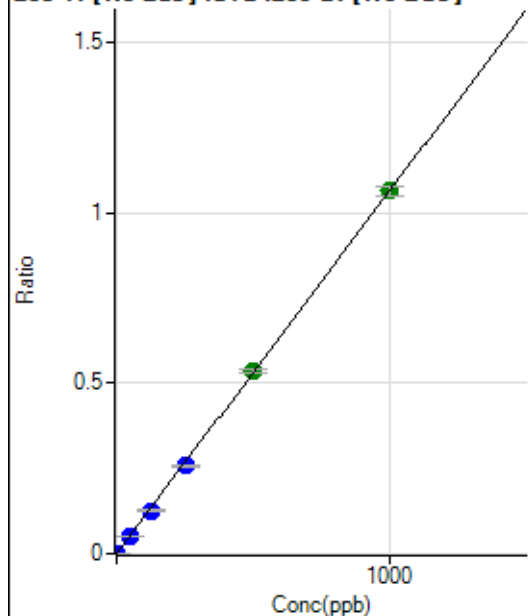
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	63.0
2	☐			22.22		P	43.3
3	☐			16.67		P	88.2
4	☐			24.08		P	81.0
5	☐			37.04		P	37.8
6	☐			37.04		P	17.3
7	☐			85.19		P	27.1
8	☐			72.22		P	35.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			908.39		P	8.8
2	☐			825.05		P	9.3
3	☐			1869.63		P	10.8
4	☐			3011.53		P	4.1
5	☐			5615.23		P	2.5
6	☐			10368.26		P	7.6
7	☐			20010.05		P	1.4
8	☐			786.16		P	8.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9255.24		P	0.8
2	☐			8997.64		P	1.4
3	☐			9535.08		P	3.9
4	☐			9902.02		P	1.9
5	☐			11084.48		P	2.1
6	☐			13014.07		P	6.0
7	☐			17183.63		P	1.7
8	☐			8645.55		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.00	0.0000	P	27.8
2	☐	1.000	0.921	4395.32	0.0010	P	2.8
3	☐	50.000	50.114	228225.15	0.0534	P	0.2
4	☐	125.000	118.277	546783.54	0.1260	P	5.2
5	☐	250.000	242.444	1113764.55	0.2582	P	2.3
6	☐	500.000	504.566	2286073.77	0.5373	A	2.0
7	☐	1000.000	1000.441	4510820.20	1.0653	A	2.8
8	☐			1122.30	0.0003	P	7.0

$$y = 0.0011 * x + 2.8204E-005$$

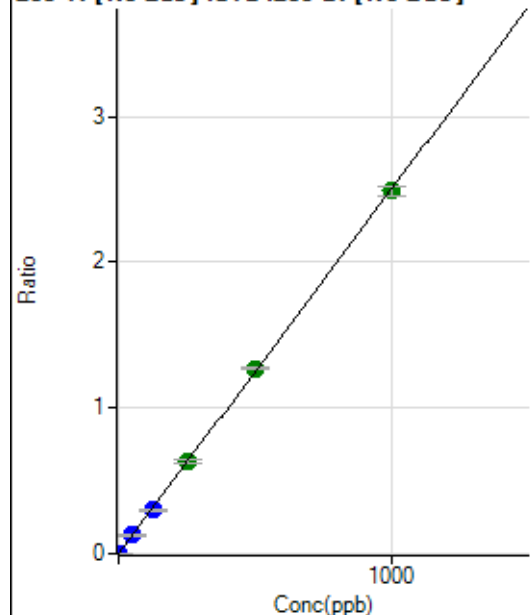
$$R = 0.9999$$

$$DL = 0.02207$$

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	311.13	0.0001	P	16.6
2	☐	1.000	0.936	10504.54	0.0024	P	1.6
3	☐	50.000	50.344	538683.93	0.1260	P	1.3
4	☐	125.000	119.869	1302209.46	0.3000	P	4.5
5	☐	250.000	252.812	2728638.86	0.6325	A	3.1
6	☐	500.000	508.936	5418999.30	1.2733	A	0.9
7	☐	1000.000	995.453	10546505.18	2.4905	A	2.4
8	☐			2580.89	0.0007	P	14.4

$$y = 0.0025 * x + 7.0690E-005$$

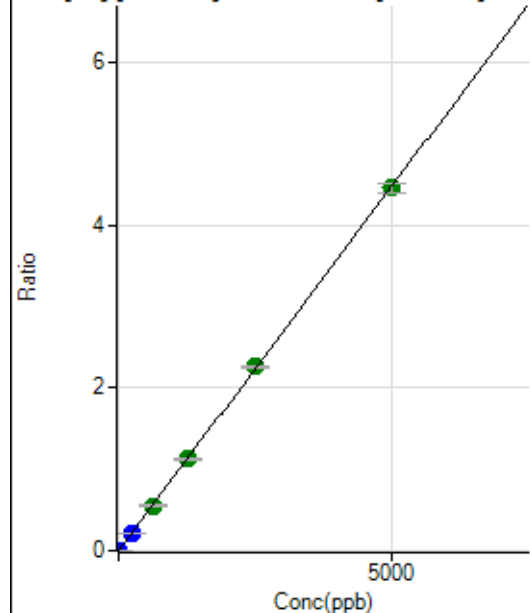
$$R = 0.9999$$

$$DL = 0.01411$$

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	707.44	0.0002	P	7.0
2	☐	1.000	0.899	4200.77	0.0010	P	1.8
3	☐	250.000	245.919	942044.87	0.2204	P	0.4
4	☐	625.000	618.849	2405618.25	0.5543	A	6.4
5	☐	1250.000	1264.975	4887274.07	1.1329	A	2.3
6	☐	2500.000	2526.562	9629128.69	2.2626	A	0.9
7	☐	5000.000	4983.948	18899669.64	4.4630	A	2.6
8	☐			8395.46	0.0022	P	5.2

$$y = 8.9545E-004 * x + 1.6055E-004$$

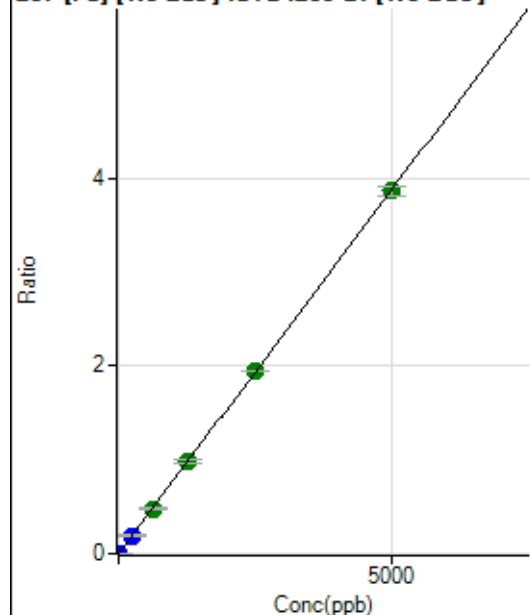
$$R = 1.0000$$

$$DL = 0.03749$$

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	620.40	0.0001	P	10.0
2	☐	1.000	0.844	3454.23	0.0008	P	3.6
3	☐	250.000	250.958	830702.20	0.1943	P	0.8
4	☐	625.000	617.943	2075652.70	0.4783	A	6.4
5	☐	1250.000	1267.535	4231369.51	0.9809	A	3.0
6	☐	2500.000	2512.740	8276402.73	1.9444	A	0.2
7	☐	5000.000	4990.080	16350790.06	3.8612	A	3.0
8	☐			7229.94	0.0019	P	7.2

$$y = 7.7375E-004 * x + 1.4056E-004$$

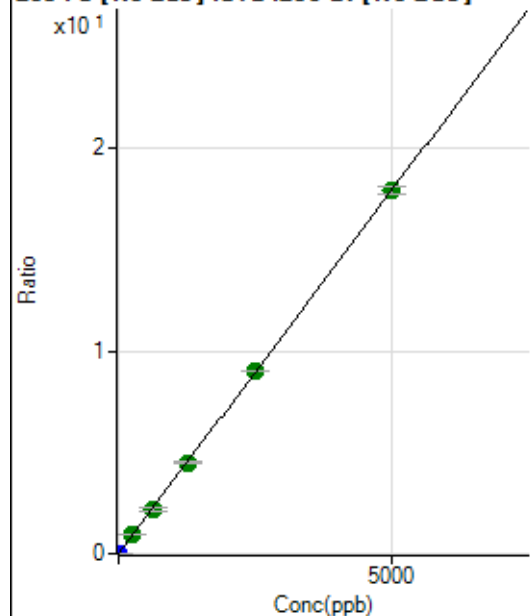
$$R = 1.0000$$

$$DL = 0.05456$$

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	2826.09	0.0006	P	4.7
2	☐	1.000	0.887	16621.26	0.0038	P	3.4
3	☐	250.000	255.202	3913105.92	0.9154	A	0.9
4	☐	625.000	610.860	9506119.85	2.1903	A	6.1
5	☐	1250.000	1254.752	19405384.66	4.4983	A	2.6
6	☐	2500.000	2506.565	38248312.89	8.9855	A	0.1
7	☐	5000.000	4997.037	75866051.81	17.9127	A	2.1
8	☐			33276.59	0.0086	P	5.7

$$y = 0.0036 * x + 6.4106E-004$$

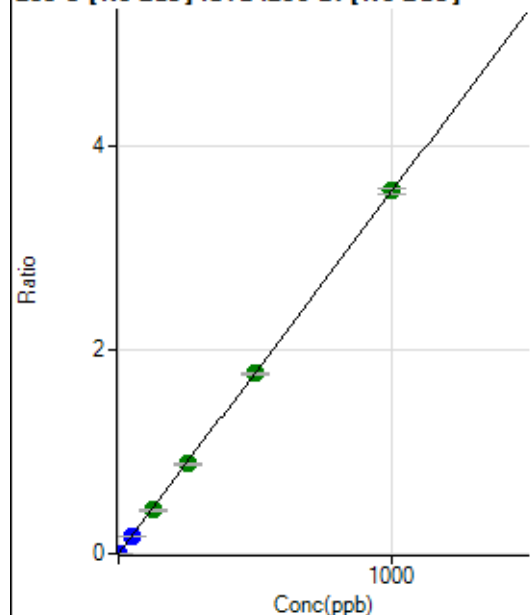
$$R = 1.0000$$

$$DL = 0.0254$$

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	69.45	0.0000	P	23.8
2	☐	1.000	0.903	14035.94	0.0032	P	1.0
3	☐	50.000	49.134	746170.34	0.1746	P	1.0
4	☐	125.000	121.287	1870320.20	0.4309	A	5.2
5	☐	250.000	248.626	3810277.34	0.8832	A	2.4
6	☐	500.000	497.434	7521656.42	1.7671	A	0.9
7	☐	1000.000	1002.134	15079118.22	3.5600	A	1.5
8	☐			1689.05	0.0004	P	12.0

$$y = 0.0036 * x + 1.5713E-005$$

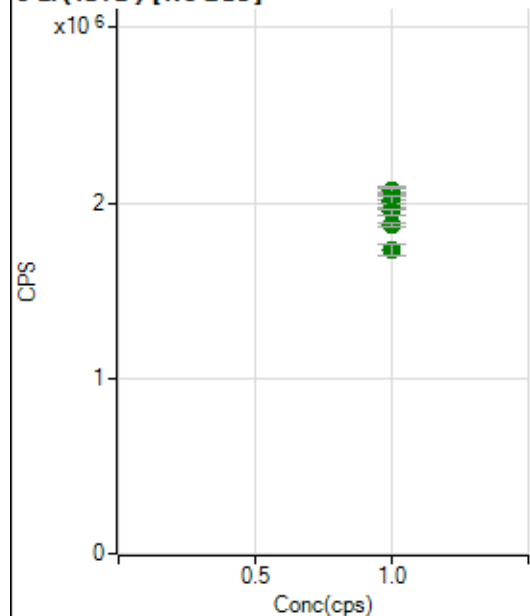
$$R = 1.0000$$

$$DL = 0.003155$$

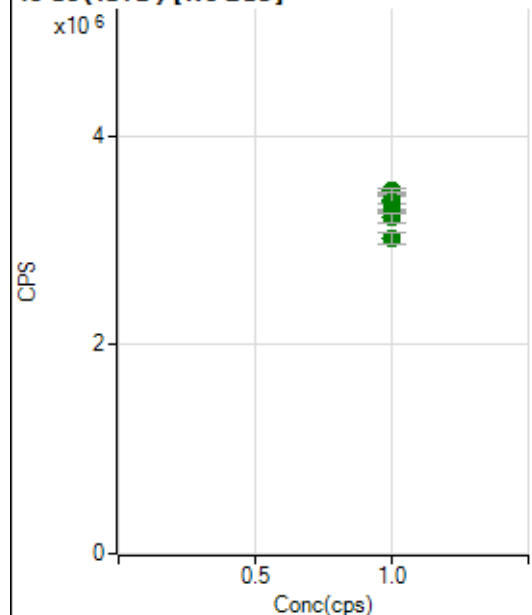
Weight: <None>

Min Conc: 0

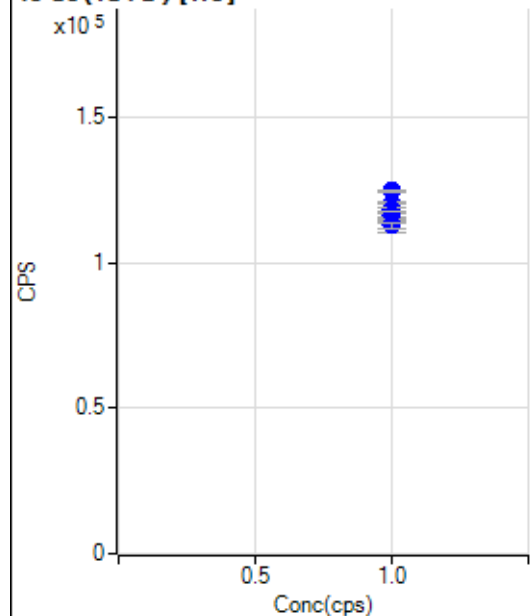
6 Li (ISTD) [No Gas]



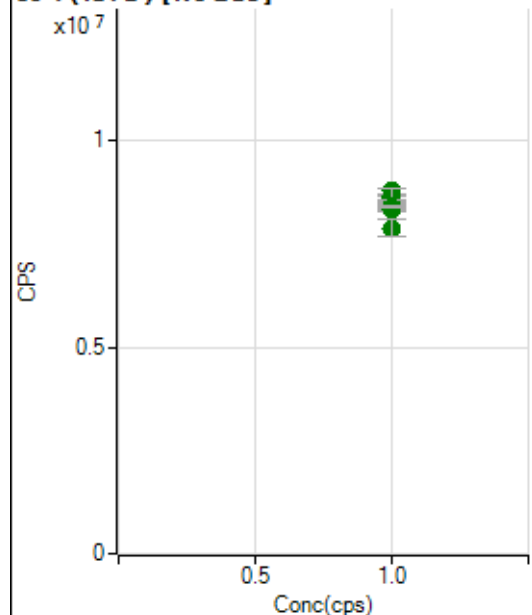
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2069194.05		A	2.2
2	☐	1.000		2036572.15		A	2.1
3	☐	1.000		2004795.30		A	3.0
4	☐	1.000		2040842.87		A	4.1
5	☐	1.000		2018668.31		A	2.5
6	☐	1.000		1948325.95		A	1.8
7	☐	1.000		1877510.63		A	1.4
8	☐	1.000		1730948.39		A	4.0

45 Sc (ISTD) [No Gas]

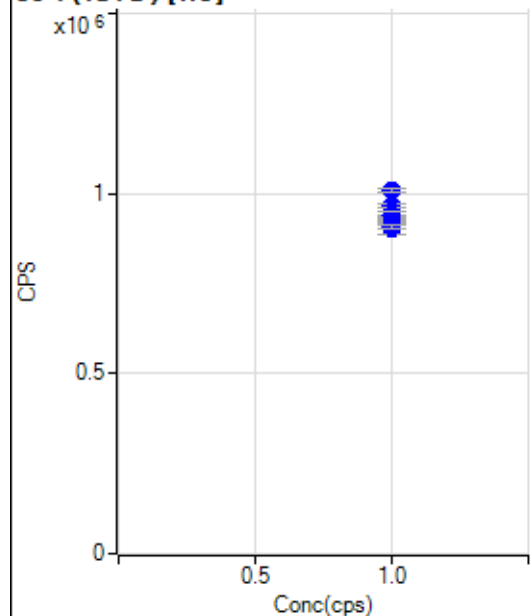
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3477015.40		A	1.1
2	☐	1.000		3387969.88		A	2.2
3	☐	1.000		3395244.50		A	2.7
4	☐	1.000		3379338.46		A	5.1
5	☐	1.000		3289689.50		A	0.7
6	☐	1.000		3267116.96		A	0.2
7	☐	1.000		3217499.54		A	2.7
8	☐	1.000		3025069.61		A	3.3

45 Sc (ISTD) [He]

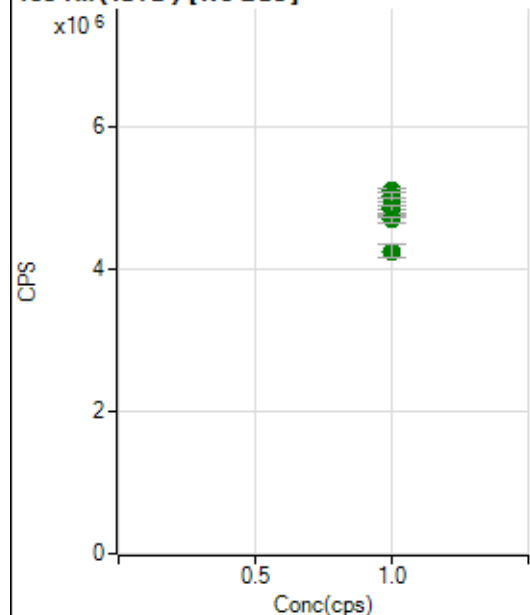
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		124934.13		P	0.2
2	☐	1.000		120785.97		P	0.8
3	☐	1.000		118404.64		P	1.6
4	☐	1.000		118500.96		P	1.1
5	☐	1.000		116749.00		P	1.9
6	☐	1.000		113329.53		P	4.7
7	☐	1.000		114695.88		P	0.4
8	☐	1.000		112916.51		P	2.2

89 Y (ISTD) [No Gas]

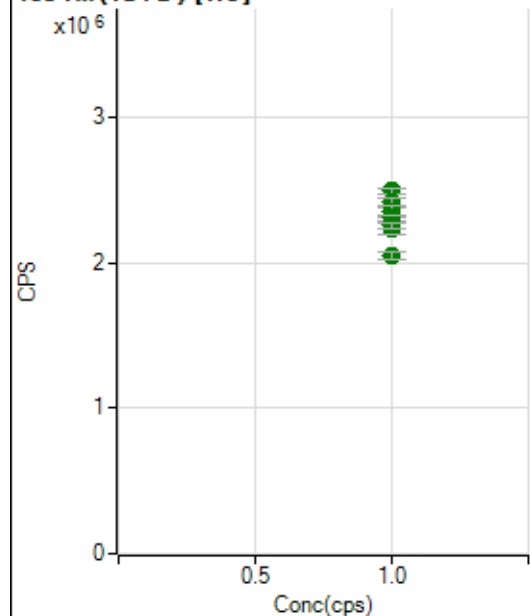
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8785442.16		A	1.9
2	☐	1.000		8601372.72		A	1.3
3	☐	1.000		8442258.76		A	1.9
4	☐	1.000		8665636.68		A	4.4
5	☐	1.000		8446277.38		A	2.5
6	☐	1.000		8321630.85		A	1.3
7	☐	1.000		8404606.19		A	1.0
8	☐	1.000		7881623.84		A	5.0

89 Y (ISTD) [He]

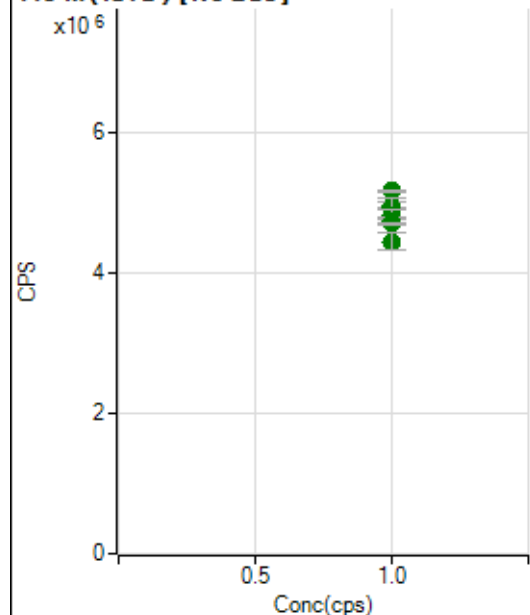
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1008709.65		P	1.2
2	☐	1.000		968810.06		P	0.8
3	☐	1.000		952534.88		P	2.3
4	☐	1.000		943118.50		P	1.8
5	☐	1.000		927495.47		P	0.2
6	☐	1.000		903781.35		P	3.3
7	☐	1.000		919367.43		P	0.4
8	☐	1.000		909038.89		P	1.7

103 Rh (ISTD) [No Gas]

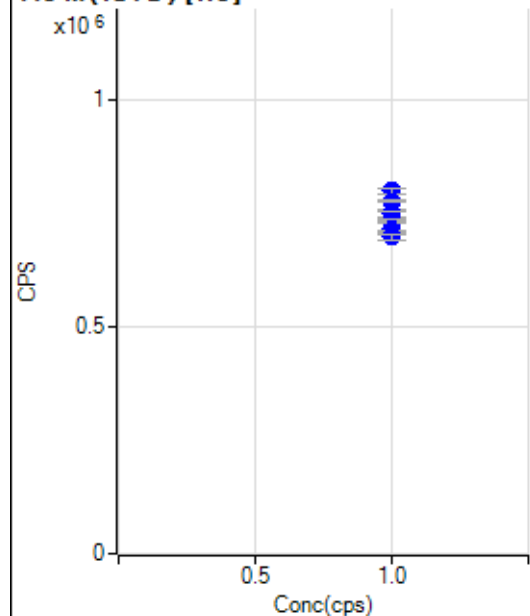
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5097985.66		A	1.1
2	☐	1.000		5015390.87		A	2.4
3	☐	1.000		4866295.64		A	1.0
4	☐	1.000		4902290.08		A	4.4
5	☐	1.000		4835823.93		A	2.7
6	☐	1.000		4692000.32		A	2.3
7	☐	1.000		4689296.07		A	1.8
8	☐	1.000		4251224.40		A	4.4

103 Rh (ISTD) [He]

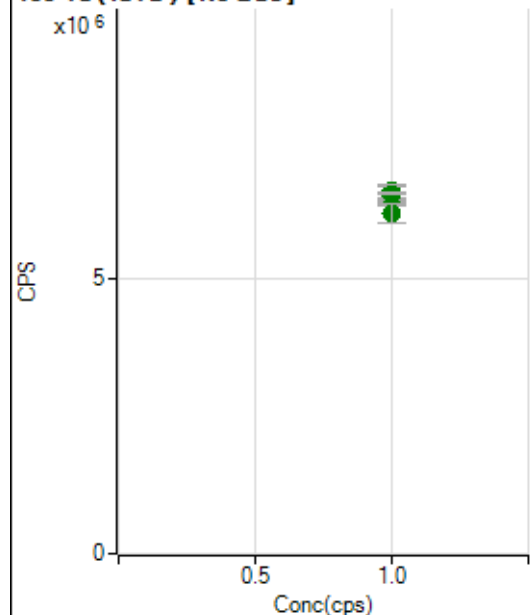
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2491500.96		A	1.5
2	☐	1.000		2414763.89		A	2.1
3	☐	1.000		2347108.66		A	2.3
4	☐	1.000		2346129.55		A	3.5
5	☐	1.000		2306251.27		A	1.8
6	☐	1.000		2237455.85		A	3.8
7	☐	1.000		2253846.09		A	1.4
8	☐	1.000		2048651.01		A	3.0

115 In (ISTD) [No Gas]

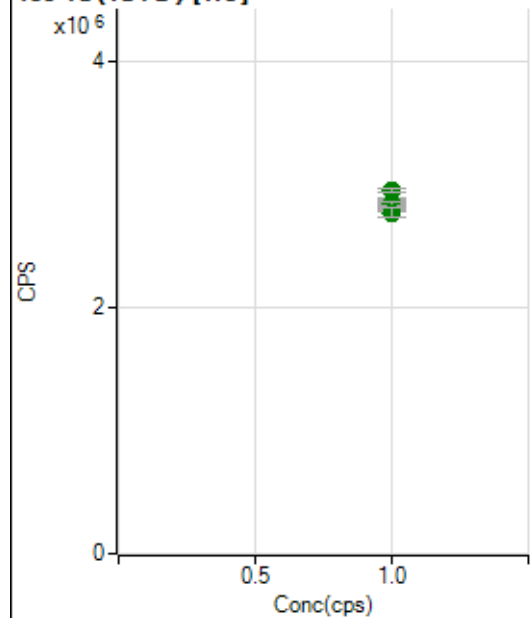
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5164277.89		A	0.8
2	☐	1.000		4917667.01		A	0.7
3	☐	1.000		4959888.80		A	1.6
4	☐	1.000		4927306.59		A	5.1
5	☐	1.000		4829560.38		A	3.2
6	☐	1.000		4744804.90		A	2.0
7	☐	1.000		4701165.69		A	0.9
8	☐	1.000		4447093.48		A	5.4

115 In (ISTD) [He]

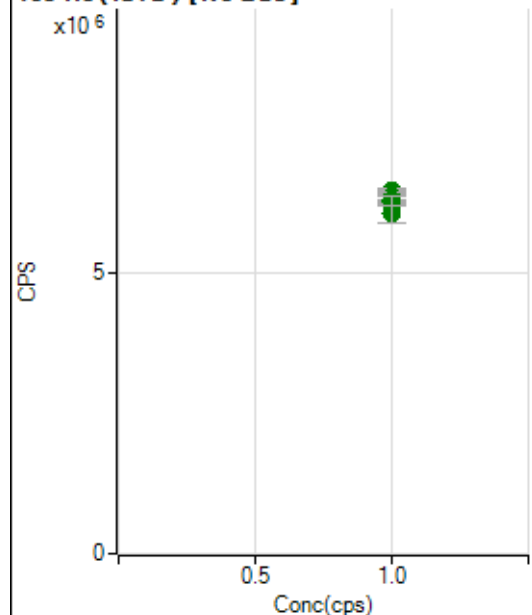
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		798997.32		P	1.5
2	☐	1.000		775902.96		P	0.6
3	☐	1.000		748232.05		P	3.1
4	☐	1.000		747772.11		P	1.7
5	☐	1.000		733664.65		P	0.7
6	☐	1.000		716032.27		P	3.7
7	☐	1.000		709891.21		P	0.4
8	☐	1.000		698315.98		P	1.7

159 Tb (ISTD) [No Gas]

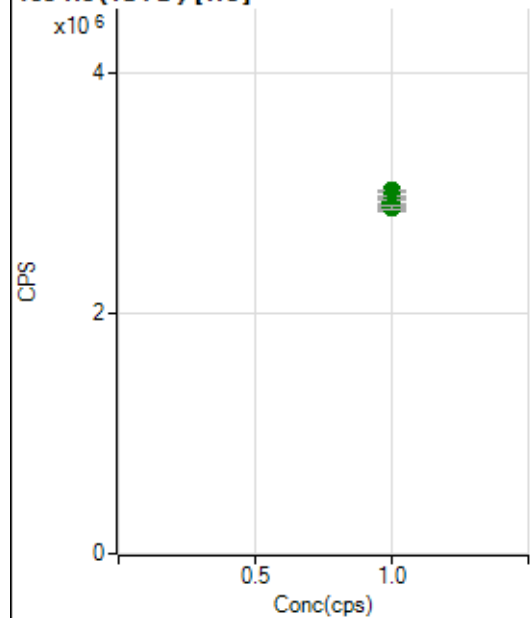
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6600308.51		A	2.1
2	☐	1.000		6434886.09		A	1.6
3	☐	1.000		6440658.31		A	2.8
4	☐	1.000		6520827.89		A	5.8
5	☐	1.000		6492934.14		A	1.5
6	☐	1.000		6499703.58		A	1.5
7	☐	1.000		6556929.69		A	0.1
8	☐	1.000		6180209.49		A	5.6

159 Tb (ISTD) [He]

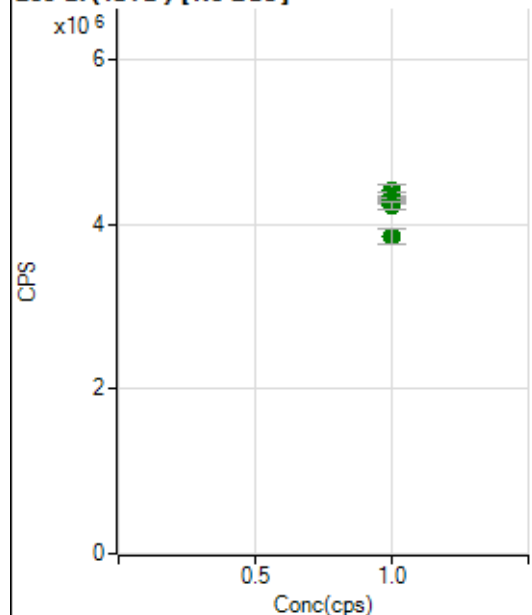
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2949192.84		A	1.1
2	☐	1.000		2860340.58		A	1.4
3	☐	1.000		2845565.37		A	3.4
4	☐	1.000		2841556.73		A	2.3
5	☐	1.000		2817505.10		A	2.2
6	☐	1.000		2826653.71		A	3.4
7	☐	1.000		2839804.82		A	1.0
8	☐	1.000		2774365.48		A	2.5

165 Ho (ISTD) [No Gas]

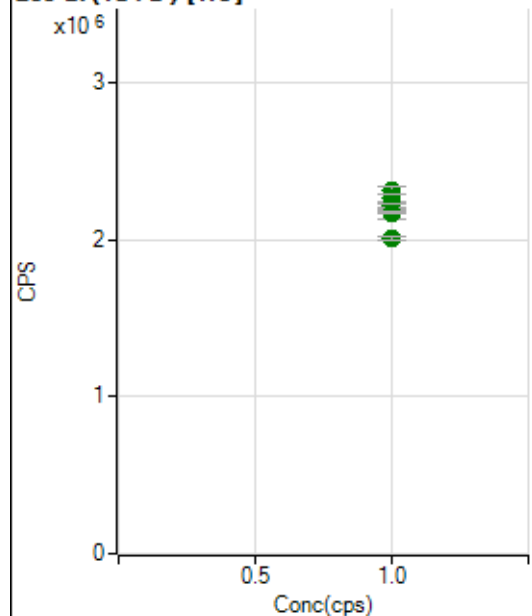
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6468484.91		A	1.3
2	☐	1.000		6369297.45		A	3.0
3	☐	1.000		6242616.33		A	1.6
4	☐	1.000		6321183.82		A	3.6
5	☐	1.000		6369176.79		A	2.5
6	☐	1.000		6316637.73		A	2.2
7	☐	1.000		6287052.05		A	2.5
8	☐	1.000		6051771.88		A	5.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3022010.55		A	0.5
2	☐	1.000		2976902.87		A	0.4
3	☐	1.000		2878732.42		A	2.5
4	☐	1.000		2932761.87		A	3.0
5	☐	1.000		2894932.04		A	1.0
6	☐	1.000		2905460.90		A	3.1
7	☐	1.000		2921592.77		A	1.3
8	☐	1.000		2882513.01		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4412638.86		A	3.1
2	☐	1.000		4353275.35		A	2.1
3	☐	1.000		4274790.66		A	0.7
4	☐	1.000		4344688.76		A	2.6
5	☐	1.000		4314707.33		A	1.1
6	☐	1.000		4256568.62		A	2.9
7	☐	1.000		4236072.85		A	2.0
8	☐	1.000		3858985.64		A	5.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2308637.95		A	2.3
2	☐	1.000		2258447.36		A	2.3
3	☐	1.000		2180932.42		A	4.7
4	☐	1.000		2221225.07		A	1.4
5	☐	1.000		2213878.91		A	1.2
6	☐	1.000		2162007.48		A	2.6
7	☐	1.000		2169370.78		A	0.9
8	☐	1.000		2011360.72		A	1.1