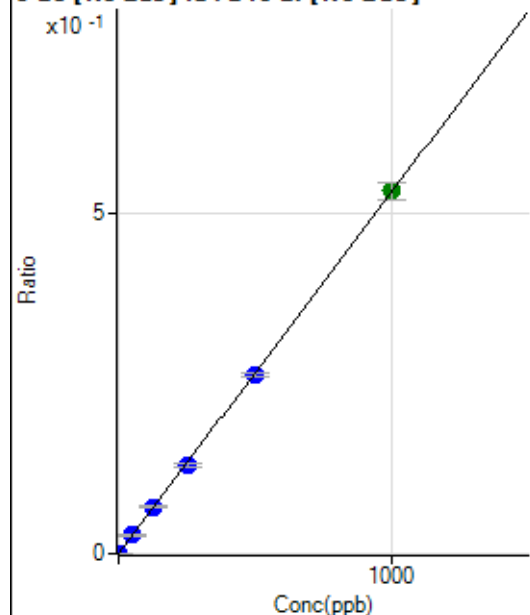


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8060924-MS.b\
Analysis File: P8060924-MS.batch.bin
DA Date-Time: 2024-06-09 16:26:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-06-09 13:51:58
2	005CALS.d	S02	2024-06-09 13:55:20
3	006CALS.d	S03	2024-06-09 13:58:44
4	007CALS.d	S04	2024-06-09 14:01:58
5	008CALS.d	S05	2024-06-09 14:05:01
6	009CALS.d	S06	2024-06-09 14:08:03
7	010CALS.d	S07	2024-06-09 14:11:07
8	011CALS.d	S08	2024-06-09 14:14:09

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.49	0.0000	P	20.6
2	☐	1.000	0.988	1724.47	0.0006	P	6.2
3	☐	50.000	50.977	83475.06	0.0271	P	2.8
4	☐	125.000	129.323	205320.97	0.0688	P	5.9
5	☐	250.000	246.753	390884.47	0.1313	P	4.1
6	☐	500.000	493.500	757028.61	0.2625	P	1.7
7	☐	1000.000	1003.473	1492458.16	0.5337	A	4.5
8	☐			1664.07	0.0006	P	27.4

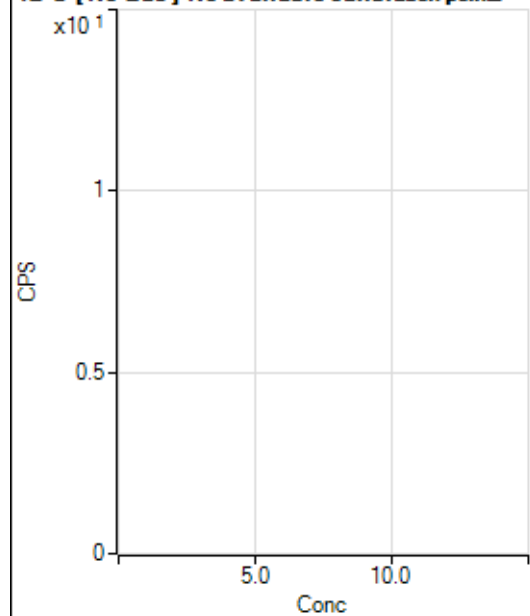
$$y = 5.3186E-004 * x + 3.5802E-005$$

$$R = 0.9999$$

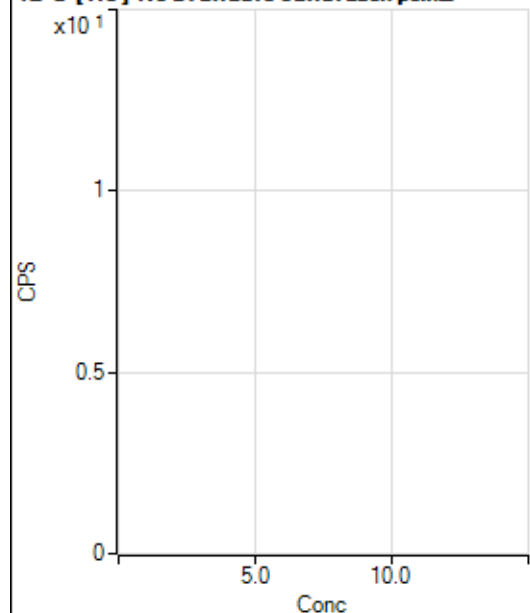
$$DL = 0.04155$$

Weight: <None>

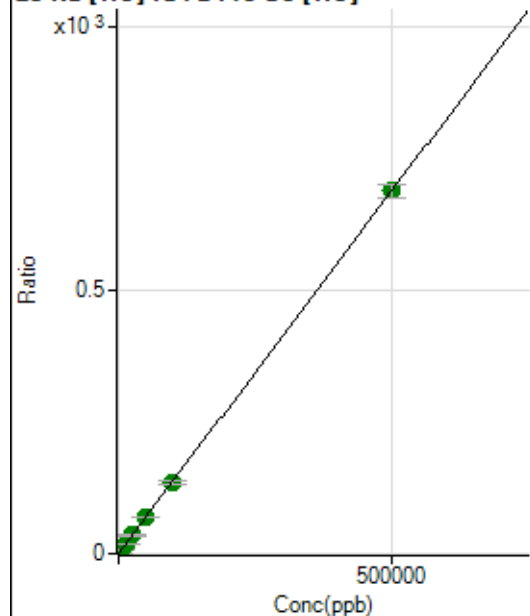
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1838307.60		A	0.8
2	☐			1925213.25		A	2.5
3	☐			2043207.30		A	1.3
4	☐			1971928.53		A	1.5
5	☐			2100549.73		A	0.8
6	☐			2523109.96		A	2.7
7	☐			3485192.10		A	5.1
8	☐			2210716.63		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22432.77		P	0.4
2	☐			23139.43		P	1.2
3	☐			24691.90		P	2.0
4	☐			24551.70		P	1.6
5	☐			26623.08		P	0.9
6	☐			32637.33		P	1.8
7	☐			46833.34		P	1.2
8	☐			30456.05		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46728.94	0.2577	P	0.9
2	☐	500.000	466.197	165588.19	0.8993	P	1.8
3	☐	5000.000	5036.134	1312311.60	7.1882	A	1.7
4	☐	12500.000	12858.061	3266622.10	17.9525	A	2.9
5	☐	25000.000	25100.602	6282967.13	34.8002	A	2.9
6	☐	50000.000	50040.552	12174149.12	69.1217	A	0.6
7	☐	100000.00	97372.293	24829717.13	134.2580	A	4.4
8	☐	500000.00	500507.17	123972680.3	689.0378	A	4.0

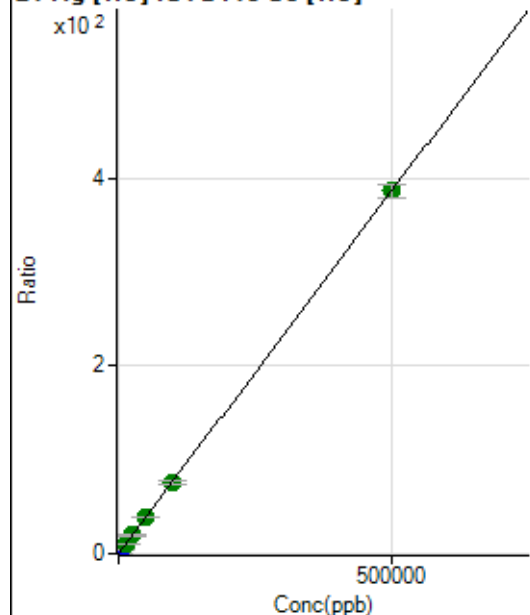
$$y = 0.0014 * x + 0.2577$$

$$R = 1.0000$$

$$DL = 4.973$$

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	208.89	0.0012	P	8.8
2	☐	500.000	479.257	68374.88	0.3713	P	1.3
3	☐	5000.000	5212.375	735186.41	4.0270	P	2.1
4	☐	12500.000	12944.486	1819355.84	9.9989	A	3.0
5	☐	25000.000	25641.227	3574488.32	19.8053	A	5.3
6	☐	50000.000	50095.229	6813441.43	38.6924	A	2.8
7	☐	100000.00	97789.653	13968560.90	75.5294	A	4.3
8	☐	500000.00	500387.27	69541927.86	386.4775	A	3.5

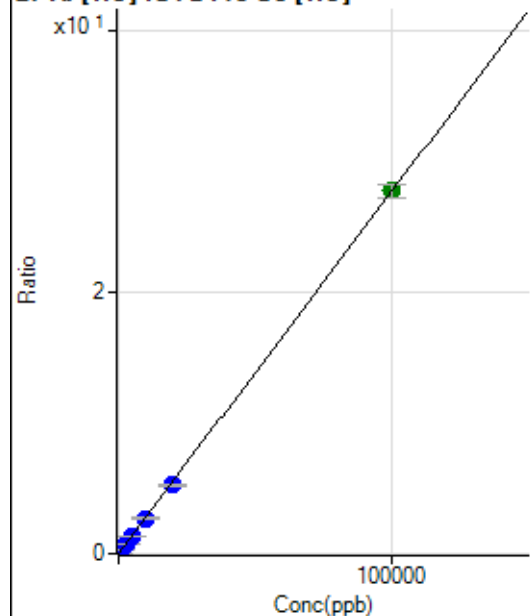
$$y = 7.7235\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.3937$$

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	141.12	0.0008	P	26.0
2	☐	20.000	19.039	1113.39	0.0060	P	5.1
3	☐	1000.000	1008.834	51124.05	0.2799	P	1.3
4	☐	2500.000	2507.816	126426.13	0.6947	P	2.2
5	☐	5000.000	4927.425	246308.33	1.3643	P	3.1
6	☐	10000.000	9814.854	478431.78	2.7167	P	2.0
7	☐	20000.000	18958.115	970446.00	5.2468	P	4.0
8	☐	100000.00	100230.23	4990366.45	27.7363	A	3.9

$$y = 2.7672\text{E-}004 * x + 7.7782\text{E-}004$$

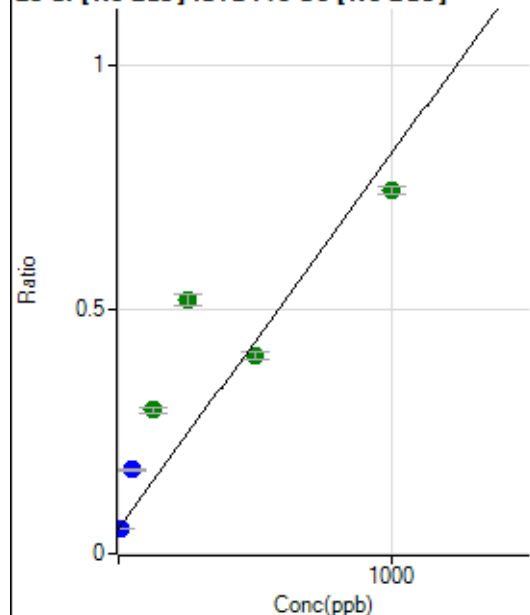
$$R = 0.9999$$

$$DL = 2.192$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	267931.21	0.0509	P	0.9
2	☐	10.000	2.665	294029.83	0.0530	P	0.7
3	☐	50.000	157.653	981405.52	0.1720	P	3.1
4	☐	125.000	315.886	1607480.63	0.2935	A	3.7
5	☐	250.000	610.471	2806989.58	0.5198	A	4.4
6	☐	500.000	459.825	2252817.85	0.4041	A	4.0
7	☐	1000.000	900.800	4079412.68	0.7427	A	2.0
8	☐			555176.64	0.1084	P	1.3

$$y = 7.6801\text{E-}004 * x + 0.0509$$

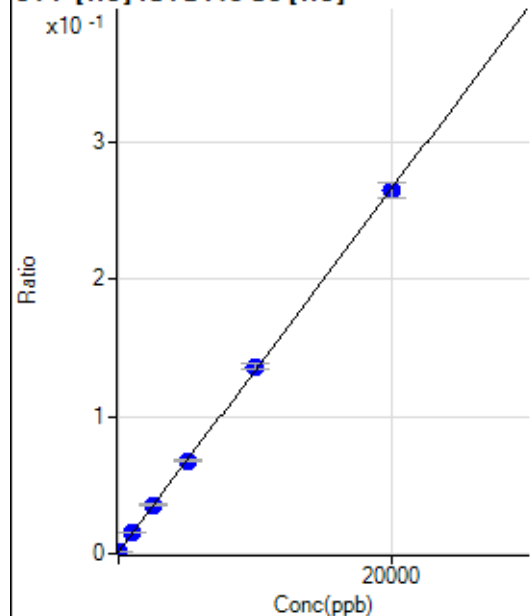
$$R = 0.8996$$

$$DL = 1.875$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-18.739	201.12	0.0011	P	10.6
2	☐	0.000	18.739	295.56	0.0016	P	7.4
3	☐	1000.000	1034.534	2746.96	0.0150	P	2.8
4	☐	2500.000	2578.062	6453.72	0.0355	P	3.1
5	☐	5000.000	4996.860	12184.09	0.0675	P	1.7
6	☐	10000.000	10208.930	24025.55	0.1364	P	3.3
7	☐	20000.000	19884.836	48907.84	0.2645	P	4.4
8	☐			237.78	0.0013	P	3.9

$$y = 1.3231\text{E-}005 * x + 0.0014$$

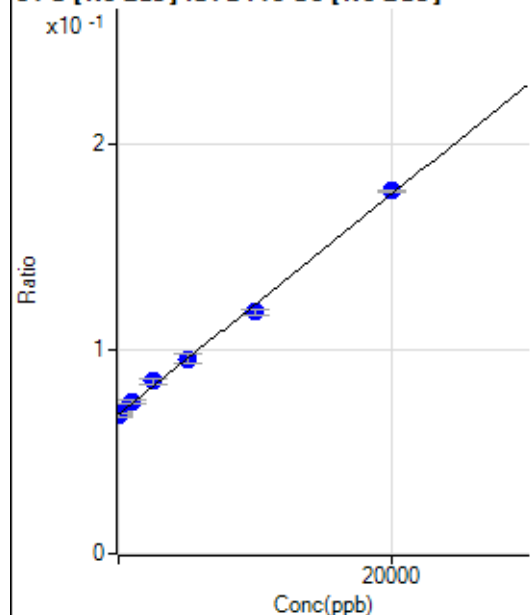
$$R = 0.9999$$

$$DL = 26.75$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	53.338	360684.34	0.0685	P	2.2
2	☐	0.000	-53.338	377265.22	0.0680	P	2.3
3	☐	1000.000	1135.084	424425.89	0.0744	P	1.9
4	☐	2500.000	2999.046	462288.49	0.0844	P	3.9
5	☐	5000.000	5023.454	514653.62	0.0953	P	4.8
6	☐	10000.000	9283.311	659634.57	0.1183	P	1.9
7	☐	20000.000	20283.346	975354.19	0.1776	P	0.5
8	☐			314063.56	0.0613	P	1.1

$$y = 5.3890\text{E-}006 * x + 0.0683$$

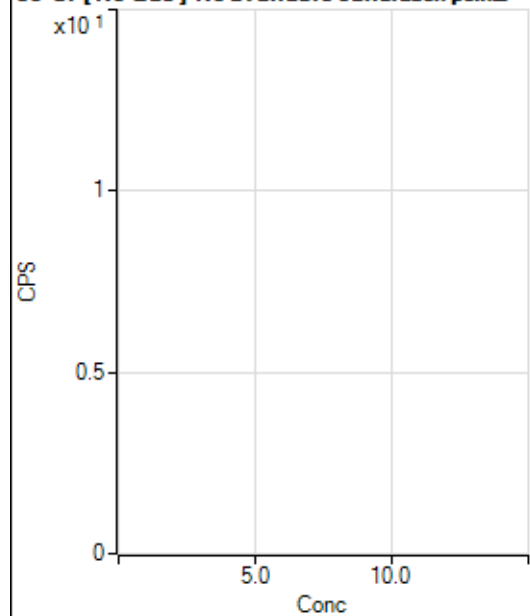
$$R = 0.9987$$

$$DL = 855.7$$

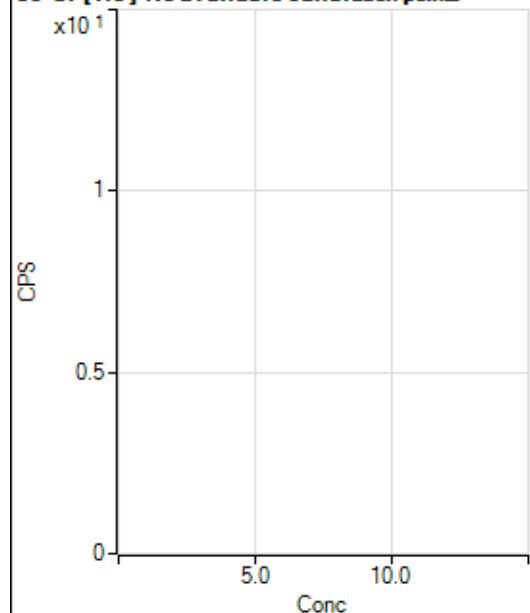
Weight: <None>

Min Conc: 0

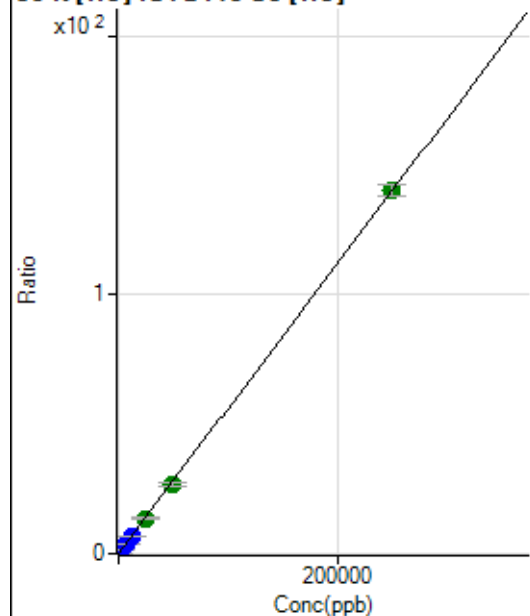
35 Cl [No Gas] No available calibration points



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			162391.51		P	1.0
2	☐			164933.20		P	0.6
3	☐			169879.59		P	0.9
4	☐			161236.85		P	1.3
5	☐			155216.48		P	1.1
6	☐			153335.85		P	1.0
7	☐			161011.73		P	0.3
8	☐			161417.51		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1102.28		P	4.7
2	☐			1161.17		P	4.6
3	☐			1118.94		P	6.6
4	☐			1087.83		P	6.3
5	☐			1035.61		P	3.2
6	☐			1033.38		P	2.8
7	☐			1168.95		P	10.8
8	☐			1178.95		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16849.93	0.0929	P	1.2
2	☐	500.000	448.414	63256.70	0.3435	P	0.9
3	☐	2500.000	2404.585	262290.80	1.4366	P	2.3
4	☐	6250.000	5982.394	625300.53	3.4360	P	1.7
5	☐	12500.000	11718.397	1199139.44	6.6414	P	2.4
6	☐	25000.000	24376.268	2415237.41	13.7148	A	1.8
7	☐	50000.000	47665.899	4943613.16	26.7295	A	4.3
8	☐	250000.00	250576.02	25214273.79	140.1195	A	3.2

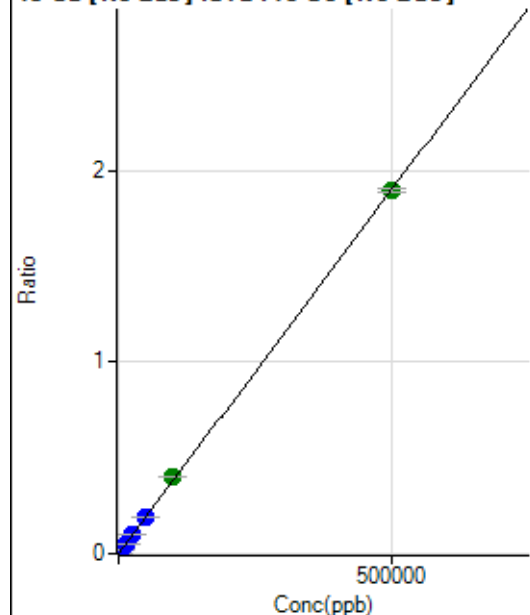
$$y = 5.5882E-004 * x + 0.0929$$

$$R = 1.0000$$

$$DL = 6.145$$

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	371.12	0.0001	P	14.5
2	☐	500.000	438.657	9645.54	0.0017	P	0.7
3	☐	5000.000	5083.342	110604.69	0.0194	P	3.3
4	☐	12500.000	13189.636	274818.87	0.0502	P	3.9
5	☐	25000.000	26065.273	535098.26	0.0991	P	4.4
6	☐	50000.000	50498.461	1070135.82	0.1919	P	3.8
7	☐	100000.00	105771.16	2207878.11	0.4019	A	0.8
8	☐	500000.00	498724.64	9702126.59	1.8950	A	1.2

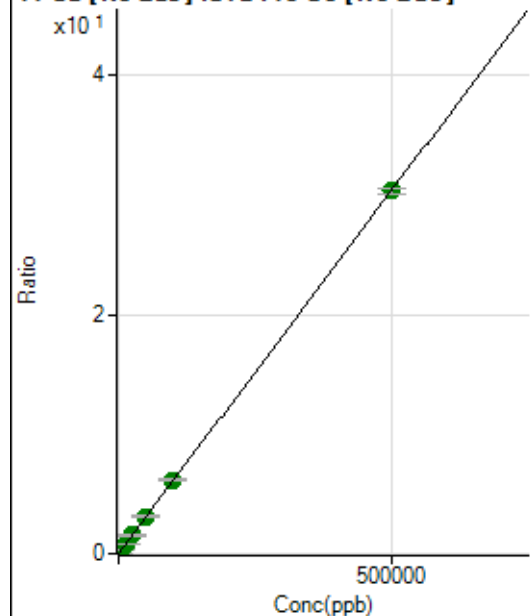
$$y = 3.7995\text{E-}006 * x + 7.0460\text{E-}005$$

$$R = 0.9999$$

$$DL = 8.052$$

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	12092.92	0.0023	P	2.8
2	☐	500.000	442.583	161855.27	0.0292	P	2.8
3	☐	5000.000	5095.927	1778071.95	0.3116	A	2.7
4	☐	12500.000	12994.675	4331891.50	0.7910	A	3.8
5	☐	25000.000	25701.940	8434808.35	1.5623	A	4.7
6	☐	50000.000	50932.003	17250332.24	3.0936	A	2.8
7	☐	100000.00	100929.19	33658572.00	6.1282	A	2.2
8	☐	500000.00	499672.59	155295049.9	30.3301	A	1.4

$$y = 6.0695\text{E-}005 * x + 0.0023$$

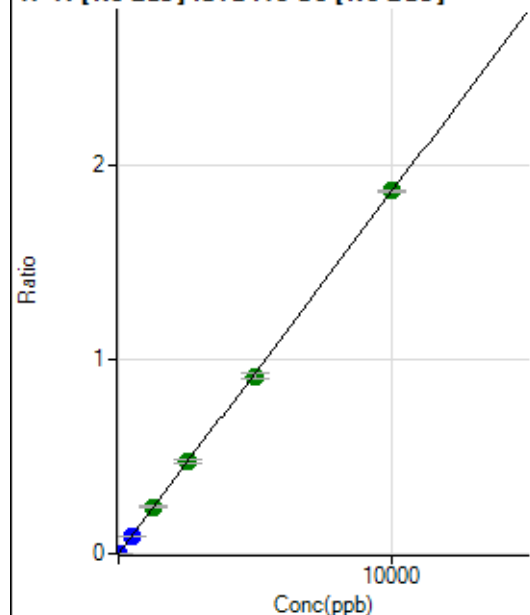
$$R = 1.0000$$

$$DL = 3.127$$

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	113.34	0.0000	P	2.2
2	☐	5.000	4.222	4492.96	0.0008	P	0.3
3	☐	500.000	488.393	520108.77	0.0911	P	2.3
4	☐	1250.000	1283.280	1311539.46	0.2394	A	2.9
5	☐	2500.000	2570.490	2589598.50	0.4796	A	4.4
6	☐	5000.000	4912.789	5111444.68	0.9166	A	2.3
7	☐	10000.000	10022.404	10272088.81	1.8699	A	0.6
8	☐			10442.08	0.0020	P	33.1

$$y = 1.8657E-004 * x + 2.1534E-005$$

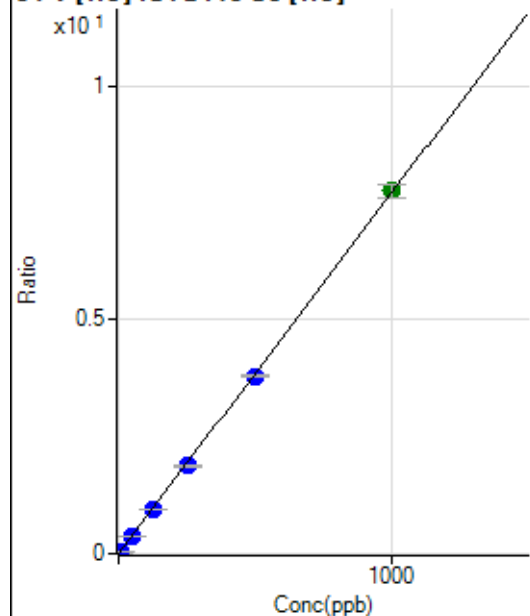
$$R = 0.9999$$

$$DL = 0.007603$$

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	11.11	0.0001	P	75.3
2	☐	5.000	4.753	6757.22	0.0367	P	4.1
3	☐	50.000	49.470	69581.69	0.3811	P	2.8
4	☐	125.000	123.794	173539.80	0.9536	P	1.8
5	☐	250.000	243.436	338569.93	1.8752	P	2.3
6	☐	500.000	491.692	666990.09	3.7874	P	1.4
7	☐	1000.000	1005.973	1433319.96	7.7487	A	3.6
8	☐			1258.96	0.0070	P	8.4

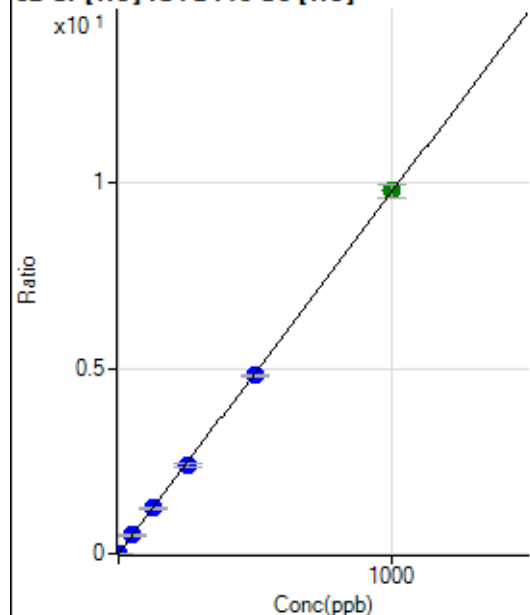
$$y = 0.0077 * x + 6.1285E-005$$

$$R = 0.9999$$

$$DL = 0.01798$$

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	1147.84	0.0063	P	9.8
2	☐	2.000	1.773	4341.81	0.0236	P	4.1
3	☐	50.000	50.395	90720.95	0.4969	P	2.4
4	☐	125.000	124.611	221926.51	1.2194	P	1.4
5	☐	250.000	244.117	430190.80	2.3828	P	3.0
6	☐	500.000	493.906	847901.85	4.8145	P	1.4
7	☐	1000.000	1004.547	1810095.88	9.7857	A	3.7
8	☐			17703.70	0.0984	P	4.9

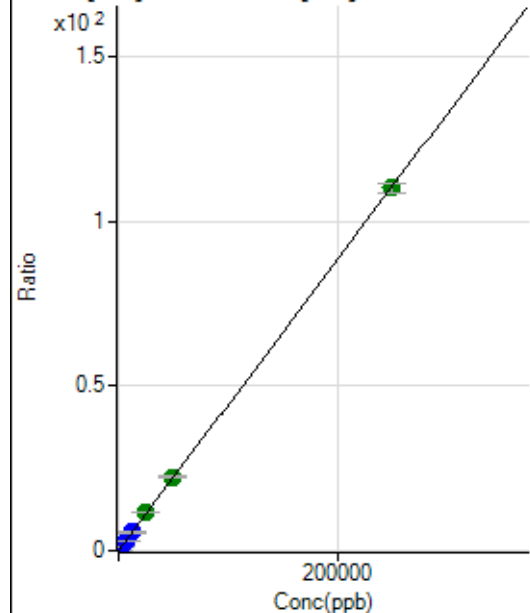
$$y = 0.0097 * x + 0.0063$$

$$R = 1.0000$$

$$DL = 0.1909$$

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	407.79	0.0022	P	3.7
2	☐	50.000	49.150	4408.50	0.0239	P	4.0
3	☐	2500.000	2581.946	208462.10	1.1419	P	2.5
4	☐	6250.000	6496.081	522128.36	2.8695	P	2.9
5	☐	12500.000	12630.179	1006963.61	5.5770	P	2.2
6	☐	25000.000	26633.441	2070631.04	11.7577	A	1.5
7	☐	50000.000	50729.843	4143080.74	22.3934	A	2.9
8	☐	250000.00	249677.20	19834856.09	110.2048	A	2.5

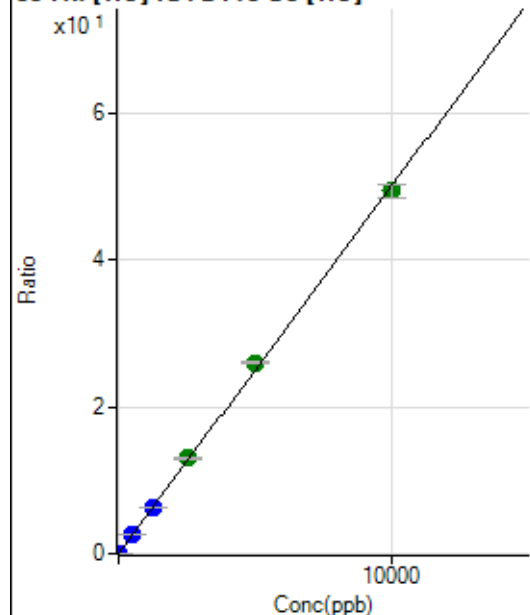
$$y = 4.4138E-004 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 0.5692$$

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	391.12	0.0022	P	12.7
2	☐	1.000	0.911	1237.85	0.0067	P	8.4
3	☐	500.000	511.842	468117.58	2.5642	P	3.1
4	☐	1250.000	1271.020	1158222.53	6.3642	P	1.5
5	☐	2500.000	2595.244	2345868.21	12.9925	A	3.0
6	☐	5000.000	5202.793	4586801.04	26.0445	A	1.2
7	☐	10000.000	9871.573	9139587.29	49.4139	A	4.0
8	☐			10798.69	0.0601	P	6.7

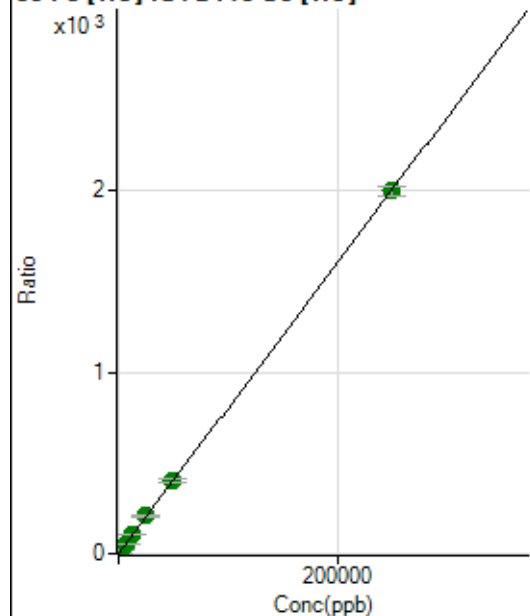
$$y = 0.0050 * x + 0.0022$$

$$R = 0.9996$$

$$DL = 0.1635$$

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	3871.67	0.0214	P	2.7
2	☐	50.000	47.720	74228.50	0.4031	P	1.7
3	☐	2500.000	2635.394	3852966.12	21.1046	A	2.1
4	☐	6250.000	6493.361	9458281.32	51.9685	A	1.2
5	☐	12500.000	12872.350	18597068.19	103.0006	A	2.4
6	☐	25000.000	25879.429	36466341.68	207.0578	A	1.2
7	☐	50000.000	50217.493	74315093.89	401.7632	A	3.8
8	☐	250000.00	249842.50	359719185.7	1,998.770	A	2.5

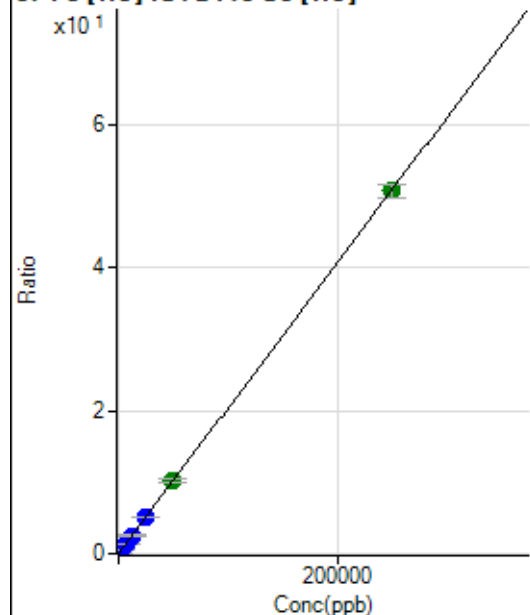
$$y = 0.0080 * x + 0.0214$$

$$R = 1.0000$$

$$DL = 0.2152$$

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	226.67	0.0012	P	19.3
2	☐	50.000	49.264	2073.51	0.0113	P	4.2
3	☐	2500.000	2564.100	95293.85	0.5220	P	2.6
4	☐	6250.000	6415.902	237332.00	1.3042	P	2.2
5	☐	12500.000	12545.705	460219.00	2.5490	P	2.8
6	☐	25000.000	25210.598	901821.64	5.1210	P	1.9
7	☐	50000.000	50690.490	1903818.57	10.2955	A	5.0
8	☐	250000.00	249833.76	9129839.52	50.7378	A	3.7

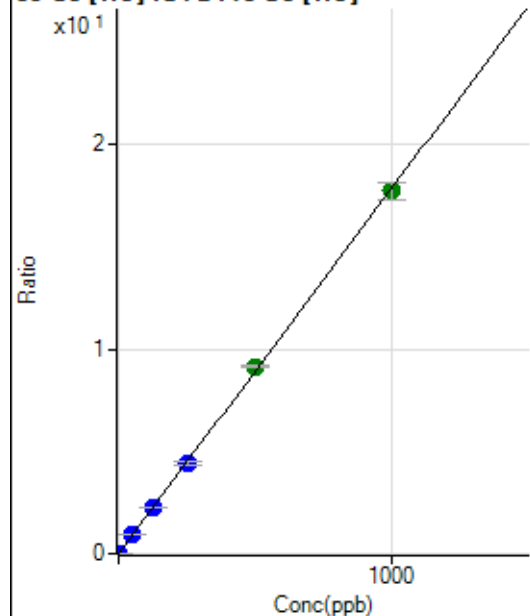
$$y = 2.0308\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 3.567$$

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	108.89	0.0006	P	13.9
2	☐	1.000	0.991	3362.65	0.0183	P	3.0
3	☐	50.000	50.599	164782.16	0.9027	P	2.3
4	☐	125.000	126.693	411134.26	2.2593	P	2.2
5	☐	250.000	248.094	798630.83	4.4236	P	3.0
6	☐	500.000	512.944	1610810.08	9.1453	A	0.6
7	☐	1000.000	993.763	3276472.45	17.7173	A	4.6
8	☐			9553.28	0.0531	P	3.9

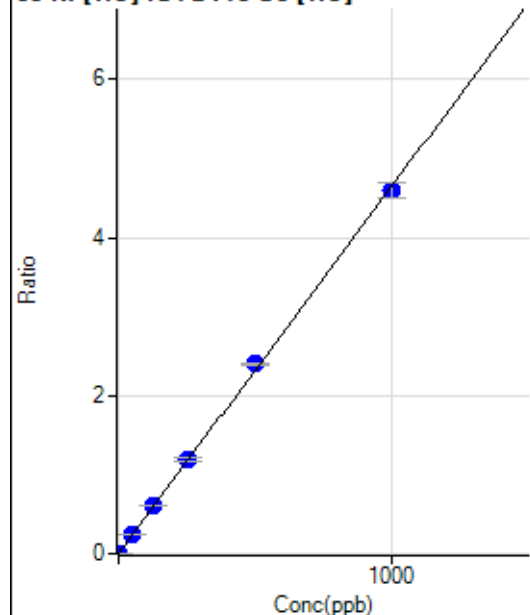
$$y = 0.0178 * x + 6.0057\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.01407$$

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	206.67	0.0011	P	9.8
2	☐	1.000	0.998	1062.27	0.0058	P	6.3
3	☐	50.000	53.292	45372.17	0.2485	P	1.7
4	☐	125.000	132.019	111730.31	0.6140	P	1.7
5	☐	250.000	257.564	216056.51	1.1967	P	2.9
6	☐	500.000	517.182	422984.26	2.4018	P	1.4
7	☐	1000.000	988.476	848841.52	4.5895	P	4.1
8	☐			6855.04	0.0381	P	4.6

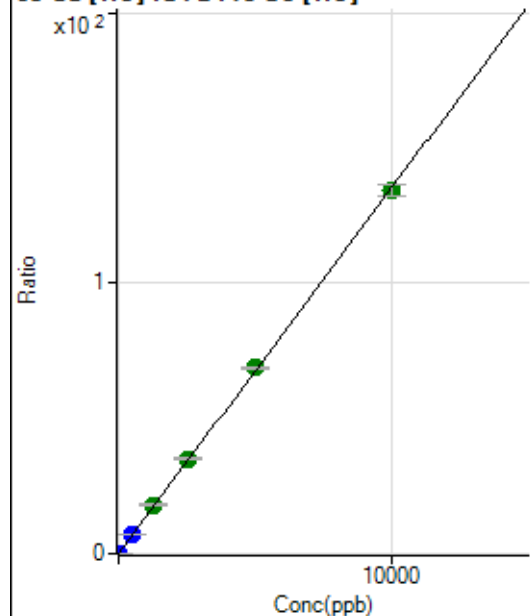
$$y = 0.0046 * x + 0.0011$$

$$R = 0.9997$$

$$DL = 0.07203$$

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	1611.22	0.0089	P	2.8
2	☐	2.000	1.921	6417.06	0.0349	P	3.2
3	☐	500.000	523.793	1294213.97	7.0887	P	2.3
4	☐	1250.000	1336.904	3289577.94	18.0791	A	3.1
5	☐	2500.000	2586.615	6314497.20	34.9707	A	2.0
6	☐	5000.000	5087.278	12112099.82	68.7707	A	0.8
7	☐	10000.000	9922.655	24812814.63	134.1278	A	3.2
8	☐			19867.66	0.1104	P	5.0

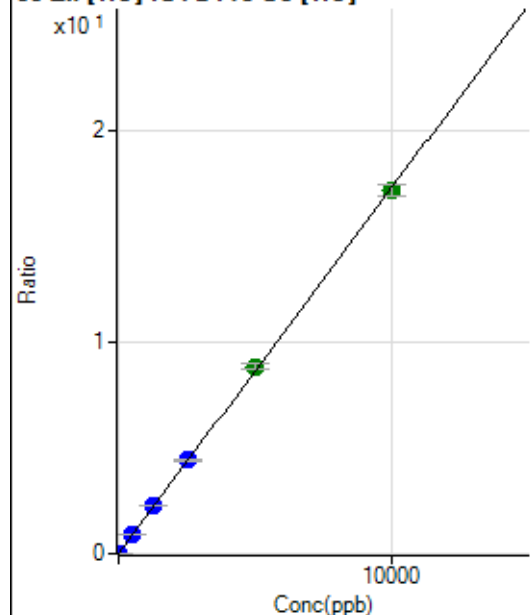
$$y = 0.0135 * x + 0.0089$$

$$R = 0.9999$$

$$DL = 0.05507$$

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	757.81	0.0042	P	3.4
2	☐	2.000	4.264	2123.52	0.0115	P	5.1
3	☐	500.000	530.547	167905.19	0.9196	P	1.8
4	☐	1250.000	1308.341	411529.20	2.2617	P	2.9
5	☐	2500.000	2549.732	795071.53	4.4037	P	2.7
6	☐	5000.000	5113.244	1554289.44	8.8269	A	2.7
7	☐	10000.000	9922.125	3167953.94	17.1245	A	3.2
8	☐			2873.66	0.0160	P	11.3

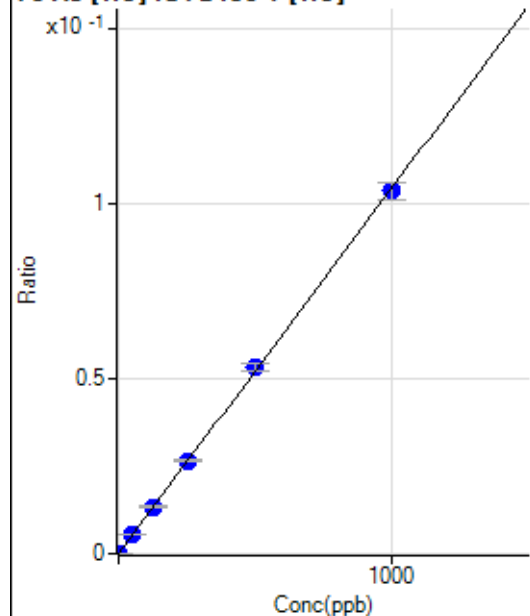
$$y = 0.0017 * x + 0.0042$$

$$R = 0.9999$$

$$DL = 0.25$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.029	174.45	0.0001	P	5.4
3	☐	50.000	52.549	8947.37	0.0055	P	4.8
4	☐	125.000	128.918	22048.45	0.0134	P	2.3
5	☐	250.000	254.200	42908.56	0.0265	P	1.4
6	☐	500.000	509.751	84981.11	0.0531	P	4.5
7	☐	1000.000	993.457	173478.64	0.1036	P	5.1
8	☐			201.12	0.0001	P	17.2

$$y = 1.0425E-004 * x + 7.0474E-007$$

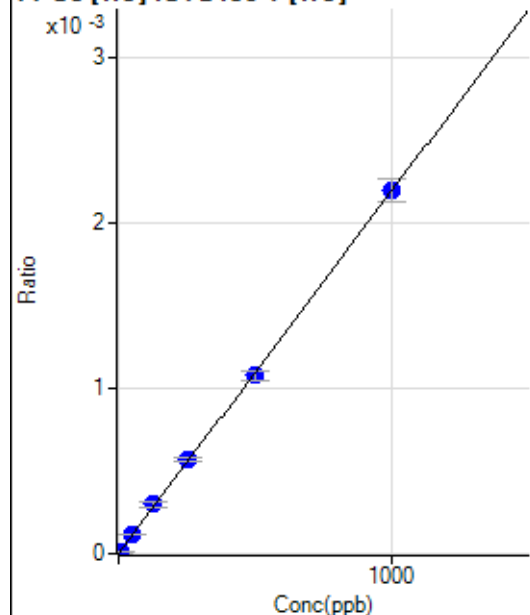
$$R = 0.9999$$

$$DL = 0.03513$$

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	2.22	0.0000	P	173.
2	☐	5.000	3.769	15.56	0.0000	P	14.4
3	☐	50.000	51.927	187.78	0.0001	P	6.0
4	☐	125.000	135.453	487.79	0.0003	P	10.8
5	☐	250.000	257.381	914.49	0.0006	P	4.2
6	☐	500.000	491.980	1723.46	0.0011	P	5.8
7	☐	1000.000	1000.768	3669.41	0.0022	P	6.2
8	☐			0.00	0.0000	P	

$$y = 2.1883\text{E-}006 * x + 1.4116\text{E-}006$$

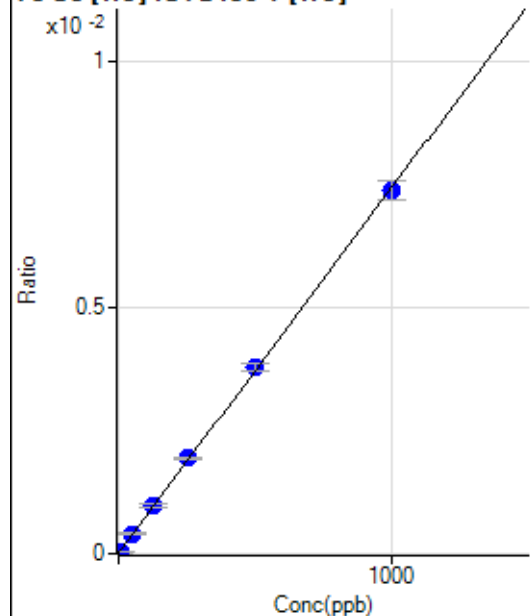
$$R = 0.9999$$

$$DL = 3.352$$

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	14.45	0.0000	P	26.0
2	☐	5.000	3.512	56.67	0.0000	P	4.3
3	☐	50.000	53.658	664.47	0.0004	P	3.2
4	☐	125.000	131.353	1609.00	0.0010	P	10.0
5	☐	250.000	259.382	3127.05	0.0019	P	2.6
6	☐	500.000	509.915	6058.03	0.0038	P	4.1
7	☐	1000.000	991.728	12324.38	0.0074	P	5.4
8	☐			36.67	0.0000	P	81.0

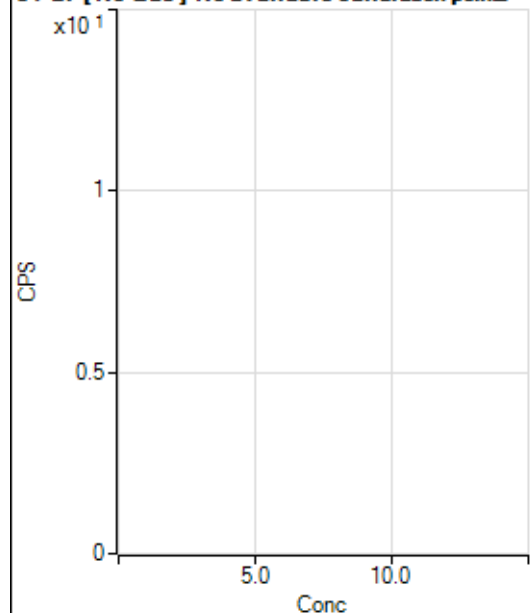
$$y = 7.4107\text{E-}006 * x + 9.0699\text{E-}006$$

$$R = 0.9999$$

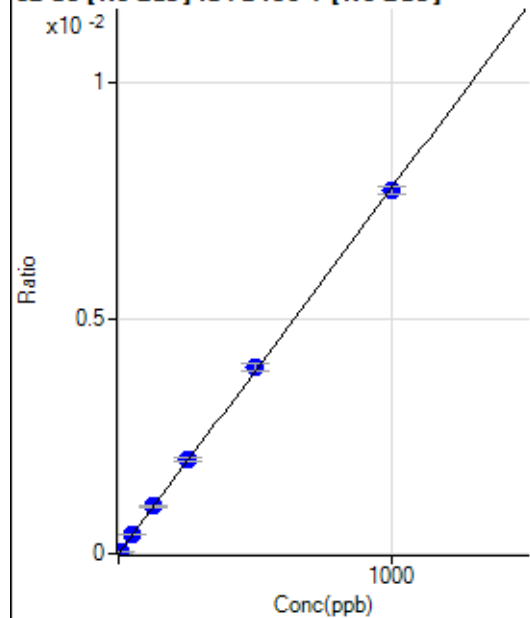
$$DL = 0.9549$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4061.75		P	5.6
2	☐			4194.00		P	3.8
3	☐			4324.06		P	2.2
4	☐			4344.06		P	4.9
5	☐			4281.81		P	3.5
6	☐			4212.90		P	1.6
7	☐			4249.58		P	2.1
8	☐			4218.45		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-20.00	0.0000	P	-15.
2	☐	5.000	5.159	555.58	0.0000	P	19.7
3	☐	50.000	51.619	5864.70	0.0004	P	4.3
4	☐	125.000	130.640	14932.71	0.0010	P	4.6
5	☐	250.000	256.794	29228.69	0.0020	P	3.6
6	☐	500.000	508.967	58167.65	0.0040	P	4.4
7	☐	1000.000	993.031	113998.96	0.0077	P	2.0
8	☐			123.34	0.0000	P	37.0

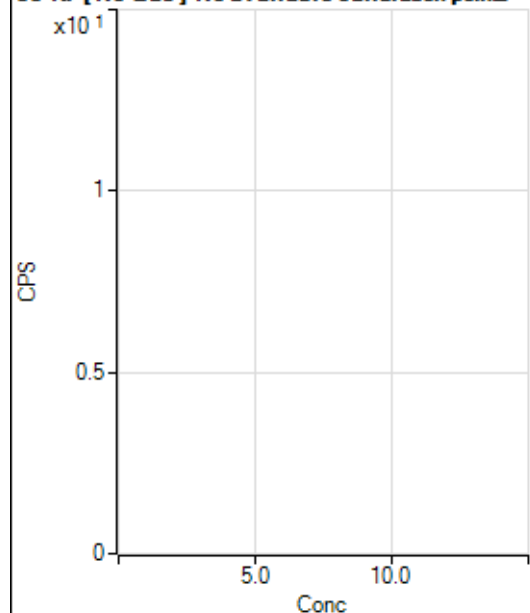
$$y = 7.7708E-006 * x - 1.4409E-006$$

$$R = 0.9999$$

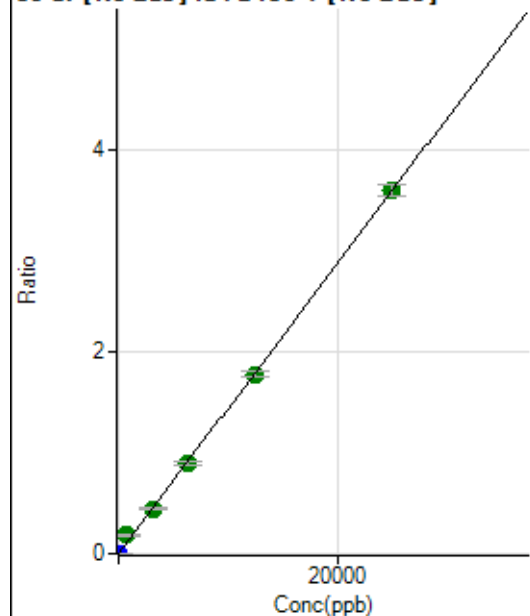
$$DL = 0.08421$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			203.34		P	8.2
2	☐			213.34		P	40.4
3	☐			192.23		P	11.1
4	☐			204.45		P	13.9
5	☐			192.23		P	11.3
6	☐			185.56		P	8.5
7	☐			201.12		P	10.1
8	☐			192.23		P	16.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	457.79	0.0000	P	7.2
2	☐	1.000	0.915	2372.45	0.0002	P	2.0
3	☐	625.000	1267.307	2669157.65	0.1819	A	3.7
4	☐	3125.000	3094.236	6541444.07	0.4441	A	4.5
5	☐	6250.000	6200.974	13042747.45	0.8899	A	4.1
6	☐	12500.000	12408.983	26209753.78	1.7808	A	3.0
7	☐	25000.000	25045.553	53098120.32	3.5942	A	3.0
8	☐			57075.99	0.0042	P	30.5

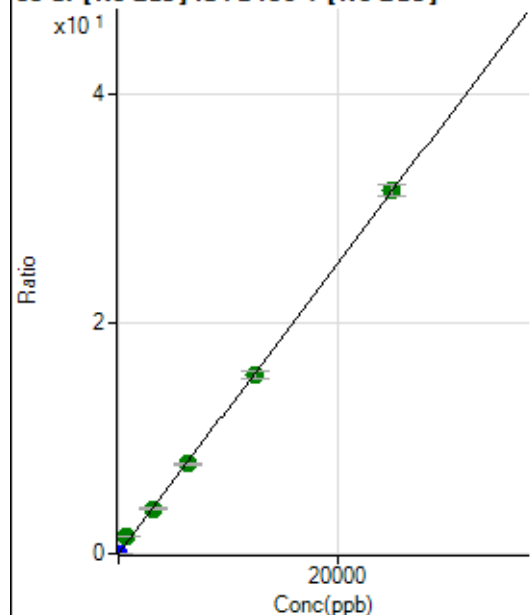
$$y = 1.4351E-004 * x + 3.3008E-005$$

$$R = 0.9996$$

$$DL = 0.05002$$

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	1078.94	0.0001	P	3.7
2	☐	1.000	0.938	18130.76	0.0013	P	5.5
3	☐	625.000	1221.006	22515316.33	1.5343	A	2.7
4	☐	3125.000	3089.983	57208284.70	3.8826	A	3.3
5	☐	6250.000	6196.991	114140904.9	7.7865	A	3.4
6	☐	12500.000	12344.684	228249398.8	15.5110	A	3.8
7	☐	25000.000	25080.387	465533099.7	31.5133	A	3.3
8	☐			489656.66	0.0361	P	29.8

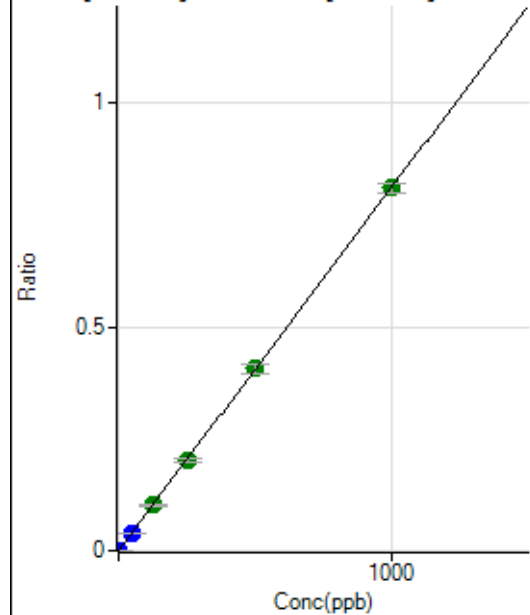
$$y = 0.0013 * x + 7.7885E-005$$

$$R = 0.9997$$

$$DL = 0.006876$$

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	623.36	0.0000	P	7.2
2	☐	1.000	0.892	11101.17	0.0008	P	3.3
3	☐	50.000	48.350	576894.83	0.0393	P	2.7
4	☐	125.000	125.412	1500500.80	0.1019	A	5.9
5	☐	250.000	249.874	2975440.41	0.2030	A	3.2
6	☐	500.000	501.968	5997537.62	0.4077	A	5.0
7	☐	1000.000	999.078	11988530.10	0.8114	A	2.3
8	☐			16540.44	0.0012	P	23.4

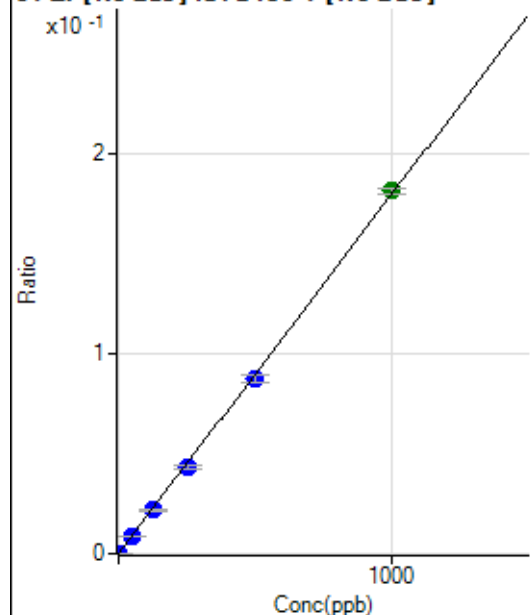
$$y = 8.1211E-004 * x + 4.5018E-005$$

$$R = 1.0000$$

$$DL = 0.01201$$

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	93.33	0.0000	P	14.6
2	☐	1.000	0.871	2352.45	0.0002	P	5.4
3	☐	50.000	48.382	127560.79	0.0087	P	2.5
4	☐	125.000	121.190	320681.61	0.0218	P	3.0
5	☐	250.000	240.845	633876.50	0.0432	P	3.3
6	☐	500.000	485.159	1281385.71	0.0871	P	4.6
7	☐	1000.000	1010.267	2680054.72	0.1814	A	1.4
8	☐			3647.20	0.0003	P	20.2

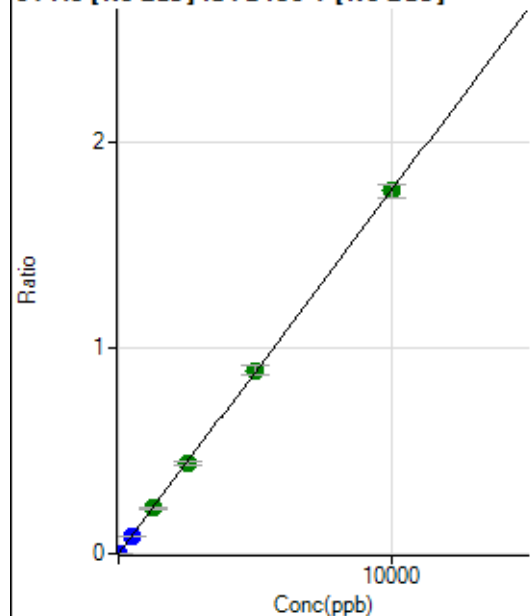
$$y = 1.7951E-004 * x + 6.7243E-006$$

$$R = 0.9998$$

$$DL = 0.01643$$

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	181.12	0.0000	P	7.1
2	☐	5.000	4.984	12863.84	0.0009	P	5.2
3	☐	500.000	491.312	1271084.66	0.0866	P	3.4
4	☐	1250.000	1254.411	3258291.34	0.2211	A	3.6
5	☐	2500.000	2487.429	6426059.77	0.4385	A	4.7
6	☐	5000.000	5036.066	13059353.56	0.8878	A	5.5
7	☐	10000.000	9984.993	26001769.06	1.7602	A	3.5
8	☐			32694.96	0.0024	P	27.6

$$y = 1.7629E-004 * x + 1.3078E-005$$

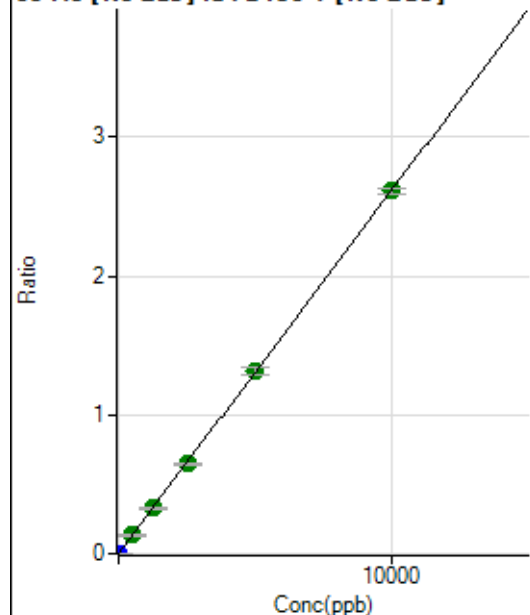
$$R = 1.0000$$

$$DL = 0.0159$$

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	77.78	0.0000	P	21.7
2	☐	5.000	4.141	15698.97	0.0011	P	4.9
3	☐	500.000	503.905	1932932.35	0.1317	A	2.8
4	☐	1250.000	1263.560	4864296.84	0.3303	A	5.2
5	☐	2500.000	2466.270	9451601.39	0.6446	A	2.6
6	☐	5000.000	5026.277	19331123.46	1.3137	A	4.1
7	☐	10000.000	9993.404	38596869.42	2.6120	A	1.8
8	☐			45929.78	0.0034	P	29.5

$$y = 2.6137E-004 * x + 5.6121E-006$$

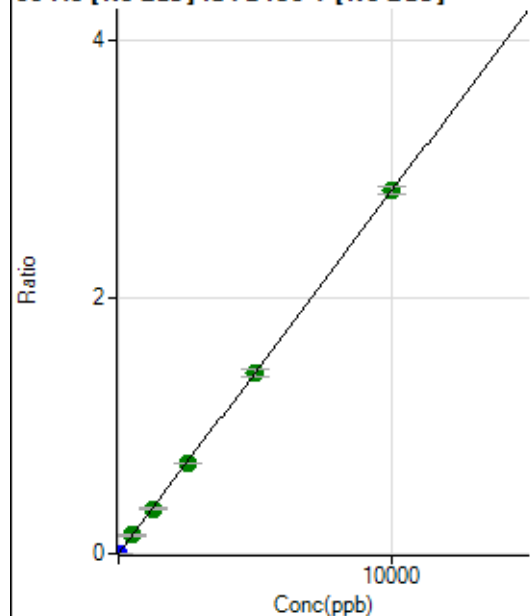
$$R = 1.0000$$

$$DL = 0.01396$$

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	243.34	0.0000	P	1.5
2	☐	5.000	4.235	17525.59	0.0012	P	5.5
3	☐	500.000	508.732	2110772.07	0.1438	A	3.0
4	☐	1250.000	1234.121	5140107.01	0.3489	A	4.1
5	☐	2500.000	2492.123	10331804.92	0.7046	A	2.0
6	☐	5000.000	4993.945	20775515.80	1.4118	A	3.7
7	☐	10000.000	10006.545	41798761.32	2.8289	A	2.2
8	☐			51093.15	0.0038	P	29.6

$$y = 2.8271E-004 * x + 1.7558E-005$$

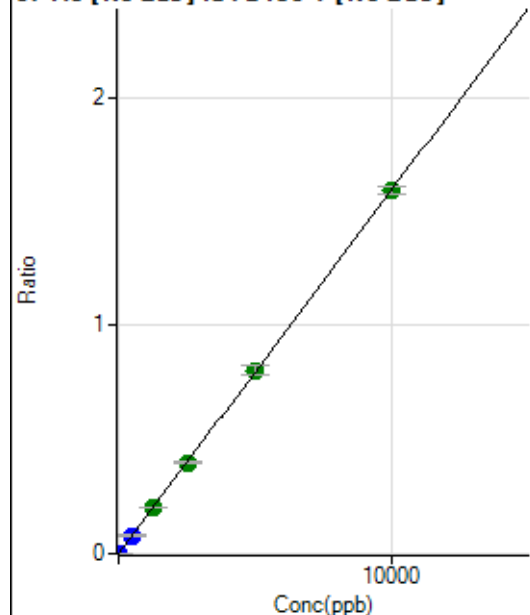
$$R = 1.0000$$

$$DL = 0.002829$$

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	44.44	0.0000	P	29.8
2	☐	5.000	4.337	10012.58	0.0007	P	5.2
3	☐	500.000	494.998	1156919.91	0.0788	P	3.1
4	☐	1250.000	1263.553	2965391.80	0.2012	A	3.0
5	☐	2500.000	2512.311	5864491.65	0.4001	A	3.9
6	☐	5000.000	5029.248	11781666.91	0.8010	A	5.3
7	☐	10000.000	9980.855	23486505.48	1.5896	A	2.2
8	☐			28426.22	0.0021	P	29.0

$$y = 1.5926\text{E-}004 * x + 3.2183\text{E-}006$$

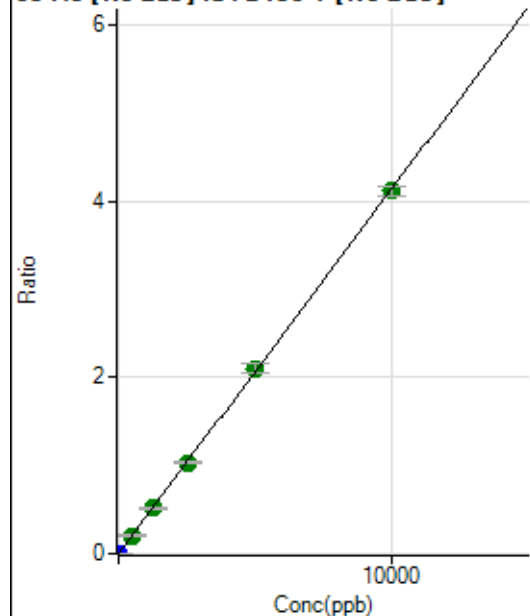
$$R = 1.0000$$

$$DL = 0.01804$$

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	127.78	0.0000	P	23.7
2	☐	5.000	4.190	25165.19	0.0017	P	5.0
3	☐	500.000	497.484	3022037.77	0.2060	A	4.3
4	☐	1250.000	1253.955	7649178.91	0.5192	A	4.0
5	☐	2500.000	2497.275	15157191.02	1.0339	A	3.1
6	☐	5000.000	5090.251	31006998.70	2.1075	A	4.3
7	☐	10000.000	9955.187	60890155.76	4.1216	A	2.9
8	☐			71989.13	0.0053	P	28.6

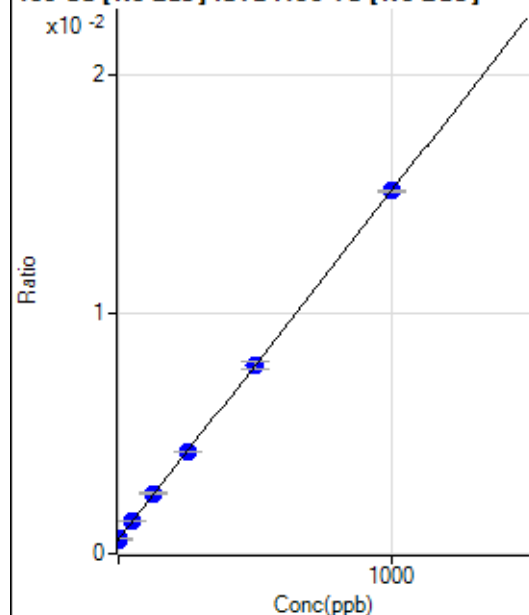
$$y = 4.1402\text{E-}004 * x + 9.2016\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01583$$

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	6879.58	0.0006	P	2.9
2	☐	1.000	1.710	7493.26	0.0006	P	1.6
3	☐	50.000	53.474	16776.97	0.0014	P	2.2
4	☐	125.000	130.624	30891.47	0.0025	P	3.2
5	☐	250.000	251.745	52358.95	0.0043	P	0.8
6	☐	500.000	498.044	98104.98	0.0078	P	4.2
7	☐	1000.000	999.664	188031.41	0.0151	P	0.4
8	☐			6042.53	0.0005	P	4.6

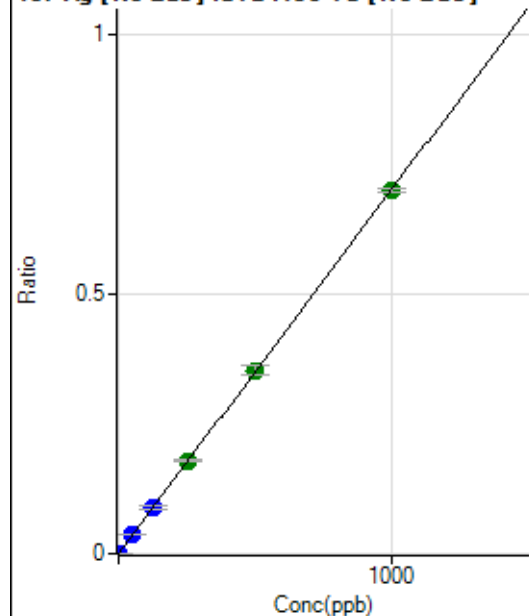
$$y = 1.4545\text{E-}005 * x + 5.8948\text{E-}004$$

$$R = 1.0000$$

$$DL = 3.55$$

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	81.11	0.0000	P	18.9
2	☐	1.000	0.916	7899.00	0.0006	P	5.1
3	☐	50.000	51.215	440166.10	0.0359	P	1.8
4	☐	125.000	126.919	1102427.47	0.0889	P	4.7
5	☐	250.000	254.889	2198026.32	0.1785	A	2.9
6	☐	500.000	503.578	4415620.25	0.3526	A	5.0
7	☐	1000.000	996.688	8674043.76	0.6980	A	1.2
8	☐			8356.20	0.0007	P	33.5

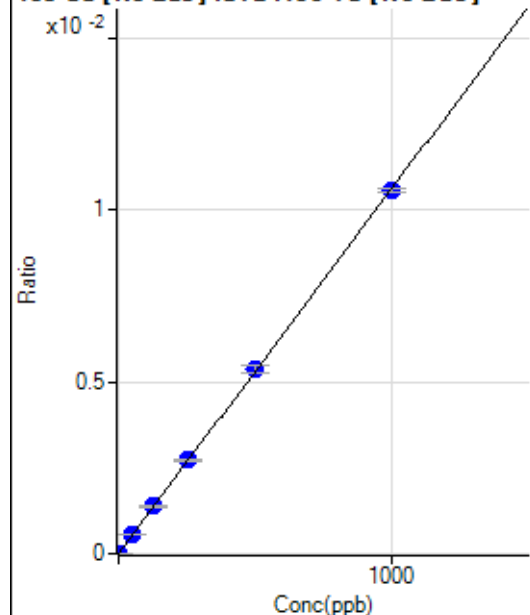
$$y = 7.0026\text{E-}004 * x + 6.9383\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.005624$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.8
2	☐	1.000	0.819	117.78	0.0000	P	39.7
3	☐	50.000	53.328	6955.14	0.0006	P	2.8
4	☐	125.000	131.245	17292.12	0.0014	P	3.4
5	☐	250.000	255.995	33466.17	0.0027	P	1.1
6	☐	500.000	505.247	67153.88	0.0054	P	3.9
7	☐	1000.000	994.931	131203.52	0.0106	P	1.2
8	☐			185.56	0.0000	P	20.5

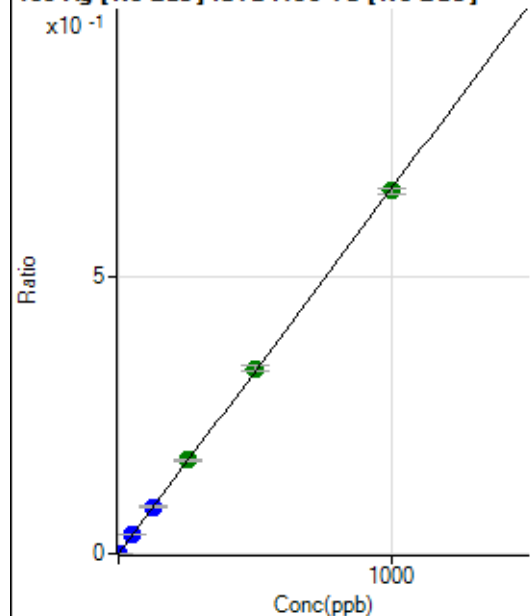
$$y = 1.0610\text{E-}005 * x + 1.0472\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.04691$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	60.1
2	☐	1.000	0.917	7430.96	0.0006	P	5.8
3	☐	50.000	51.969	421877.96	0.0344	P	2.2
4	☐	125.000	127.754	1048305.50	0.0845	P	4.6
5	☐	250.000	257.540	2098155.68	0.1704	A	2.3
6	☐	500.000	508.145	4210771.22	0.3362	A	3.3
7	☐	1000.000	993.600	8168584.88	0.6573	A	1.6
8	☐			8173.94	0.0007	P	34.5

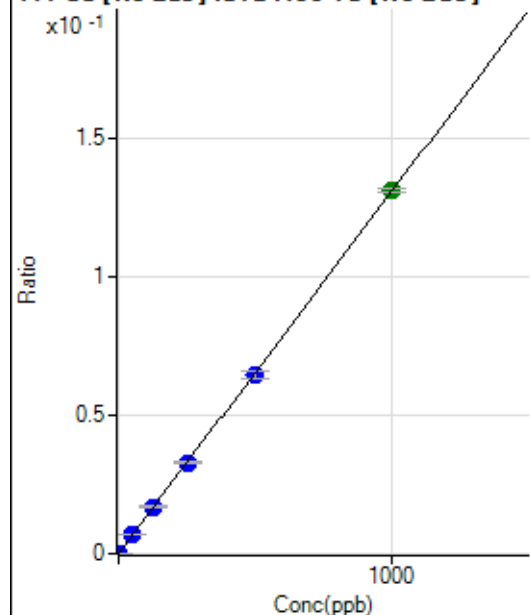
$$y = 6.6152\text{E-}004 * x + 3.2521\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008865$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	692.74	0.0001	P	1.8
2	☐	1.000	1.051	2400.34	0.0002	P	2.2
3	☐	50.000	51.605	83499.03	0.0068	P	3.2
4	☐	125.000	127.842	208022.45	0.0168	P	4.9
5	☐	250.000	251.001	404860.68	0.0329	P	1.5
6	☐	500.000	493.659	809133.17	0.0646	P	3.5
7	☐	1000.000	1002.485	1629507.51	0.1311	A	1.1
8	☐			2154.49	0.0002	P	21.3

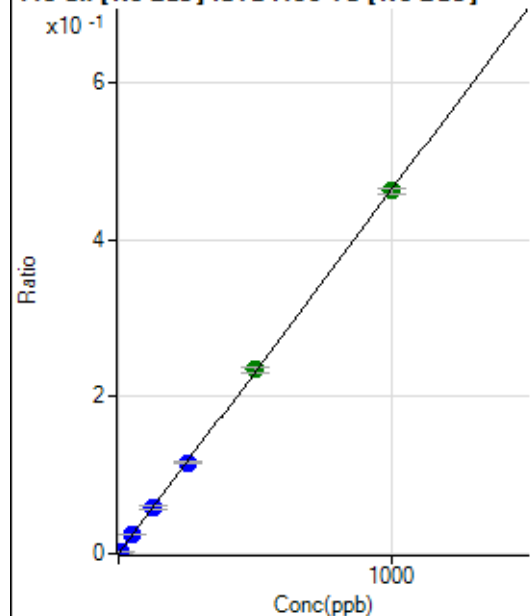
$$y = 1.3073\text{E-}004 * x + 5.9355\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02419$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2412.46	0.0002	P	3.3
2	☐	5.000	4.714	29144.48	0.0024	P	4.0
3	☐	50.000	50.945	292328.74	0.0238	P	2.4
4	☐	125.000	126.446	729535.73	0.0588	P	5.2
5	☐	250.000	250.317	1431812.22	0.1163	P	1.4
6	☐	500.000	504.776	2933717.21	0.2342	A	3.7
7	☐	1000.000	997.306	5748505.12	0.4626	A	1.8
8	☐			9092.13	0.0008	P	20.1

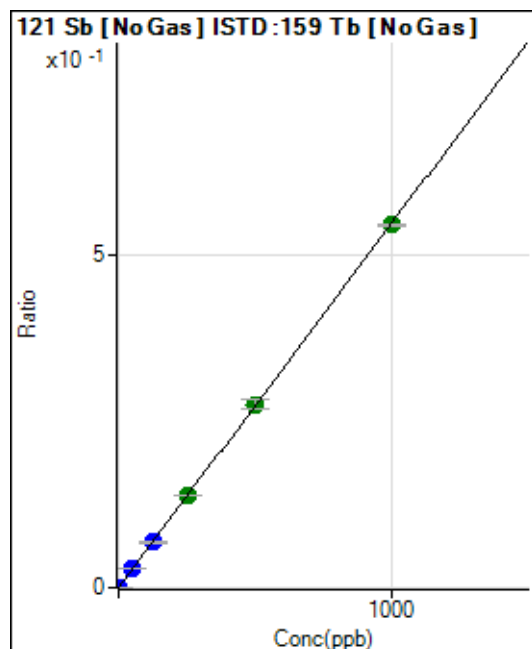
$$y = 4.6360\text{E-}004 * x + 2.0663\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.04405$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	12.5
2	☐	2.000	1.904	12754.95	0.0010	P	2.0
3	☐	50.000	51.042	343251.72	0.0280	P	3.1
4	☐	125.000	126.283	858518.29	0.0692	P	4.6
5	☐	250.000	255.741	1726495.67	0.1402	A	0.3
6	☐	500.000	504.148	3460235.33	0.2763	A	4.5
7	☐	1000.000	996.279	6786281.43	0.5460	A	0.4
8	☐			10477.63	0.0009	P	17.5

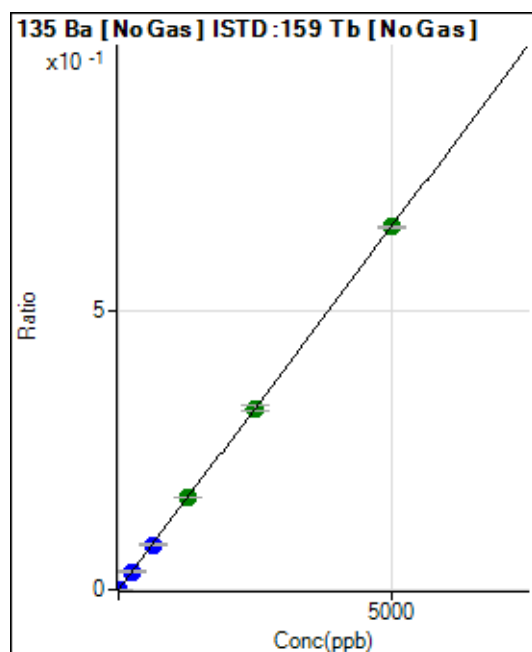
$$y = 5.4807\text{E-}004 * x + 2.6659\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.001822$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	18.7
2	☐	10.000	9.332	14891.63	0.0012	P	2.9
3	☐	250.000	250.216	400004.12	0.0326	P	3.3
4	☐	625.000	621.500	1004145.75	0.0810	P	5.3
5	☐	1250.000	1270.050	2037824.73	0.1655	A	1.8
6	☐	2500.000	2498.234	4076615.53	0.3255	A	3.7
7	☐	5000.000	4996.299	8089674.19	0.6509	A	0.5
8	☐			10157.56	0.0009	P	27.9

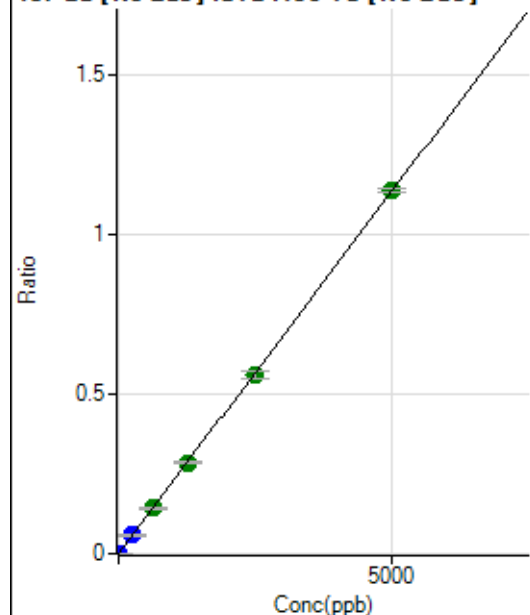
$$y = 1.3028\text{E-}004 * x + 6.1891\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02672$$

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	133.34	0.0000	P	9.7
2	☐	10.000	9.298	25846.99	0.0021	P	5.0
3	☐	250.000	252.842	704246.08	0.0574	P	2.7
4	☐	625.000	628.219	1768546.81	0.1426	A	5.2
5	☐	1250.000	1261.267	3525704.95	0.2863	A	1.6
6	☐	2500.000	2470.920	7024611.91	0.5608	A	3.7
7	☐	5000.000	5011.180	14135266.18	1.1374	A	1.2
8	☐			17415.51	0.0015	P	27.7

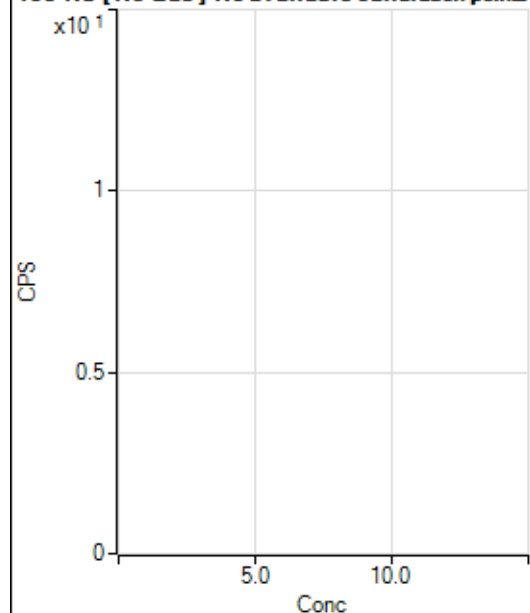
$$y = 2.2696E-004 * x + 1.1415E-005$$

$$R = 1.0000$$

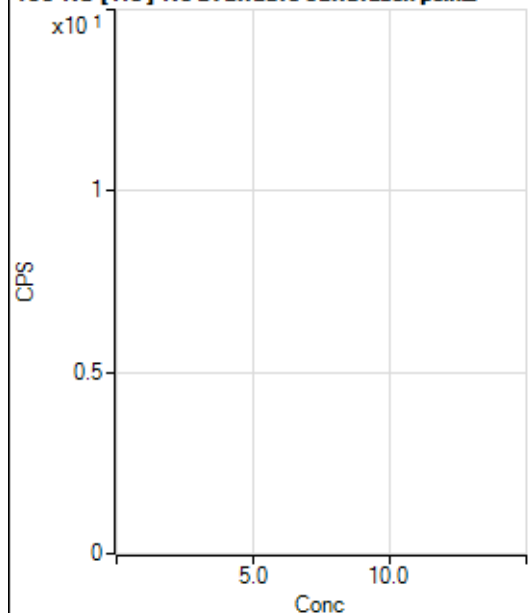
$$DL = 0.0146$$

Weight: <None>

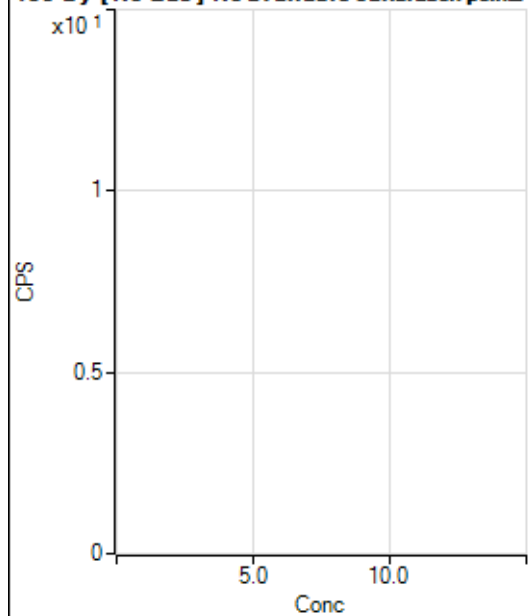
Min Conc: 0

150 Nd [No Gas] No available calibration points

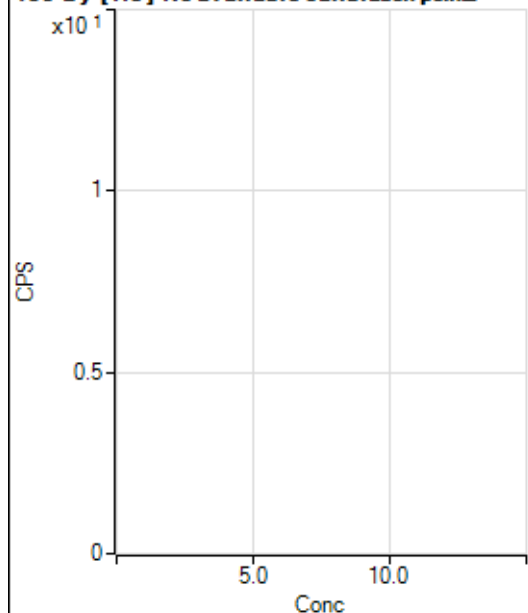
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	100.
2	☐			6.67		P	50.0
3	☐			36.66		P	15.7
4	☐			72.22		P	9.6
5	☐			118.89		P	13.2
6	☐			344.45		P	8.1
7	☐			632.24		P	8.7
8	☐			150.00		P	15.6

150 Nd [He] No available calibration points

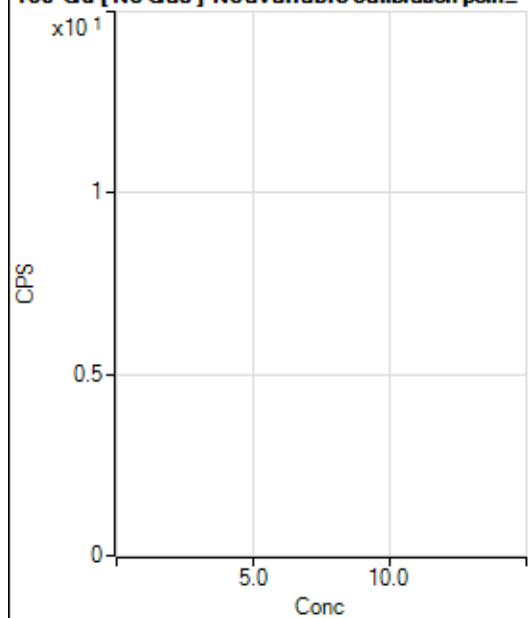
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			1.11		P	173.
3	☐			8.89		P	21.6
4	☐			10.00		P	100.
5	☐			13.33		P	75.0
6	☐			57.78		P	14.5
7	☐			124.45		P	6.2
8	☐			51.11		P	22.9

156 Dy [No Gas] No available calibration points

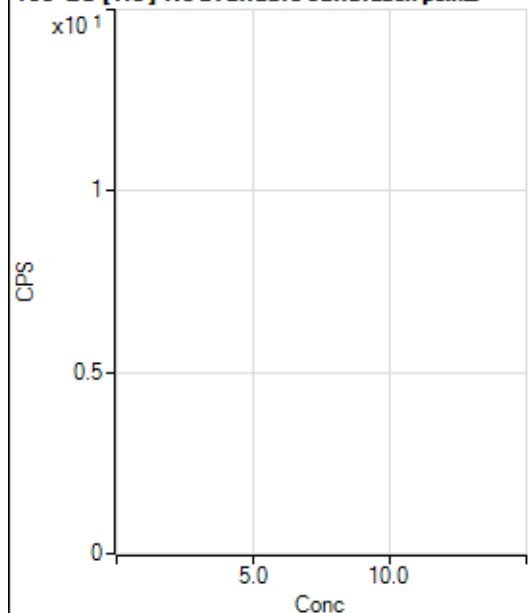
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.34		P	24.7
2	☐			32.22		P	31.6
3	☐			40.00		P	52.0
4	☐			52.22		P	20.5
5	☐			63.33		P	10.5
6	☐			172.22		P	9.1
7	☐			285.56		P	18.6
8	☐			277.78		P	7.7

156 Dy [He] No available calibration points

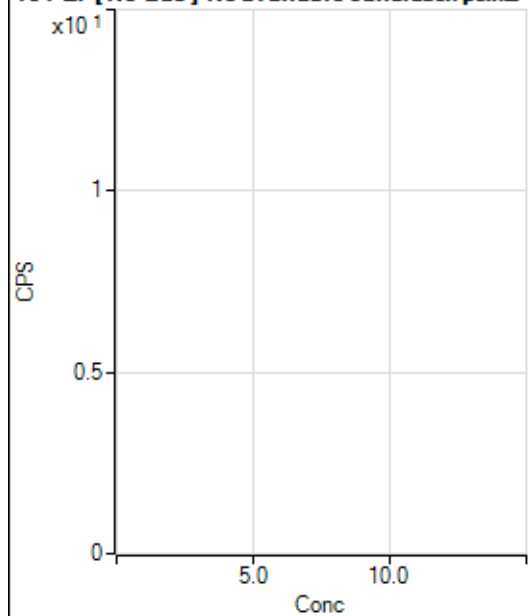
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	43.4
3	☐			12.22		P	15.7
4	☐			21.11		P	18.2
5	☐			35.56		P	28.6
6	☐			87.78		P	12.2
7	☐			204.45		P	13.6
8	☐			118.89		P	23.5

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

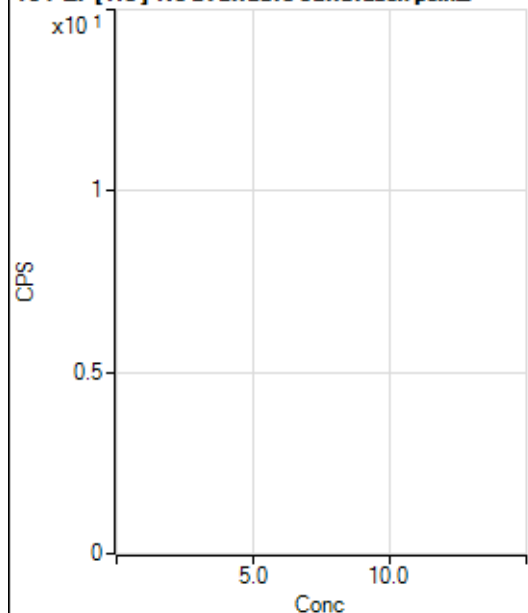
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	8.1
2	☐			186.67		P	6.4
3	☐			165.56		P	5.1
4	☐			178.89		P	18.4
5	☐			156.67		P	8.5
6	☐			217.78		P	19.3
7	☐			277.79		P	14.3
8	☐			314.45		P	4.3

160 Gd [He] No available calibration points

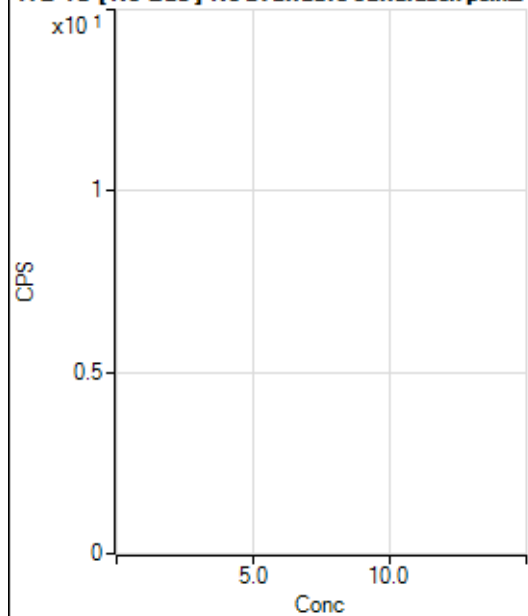
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			227.78		P	14.8
2	☐			221.12		P	7.7
3	☐			245.56		P	8.3
4	☐			232.23		P	10.6
5	☐			236.67		P	7.0
6	☐			261.11		P	9.1
7	☐			304.45		P	8.4
8	☐			333.34		P	6.6

164 Er [No Gas] No available calibration points

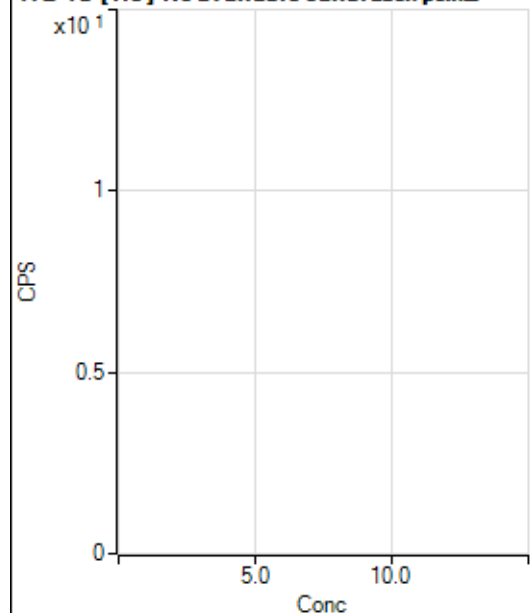
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			112.22		P	19.3
2	☐			94.44		P	13.4
3	☐			101.11		P	18.2
4	☐			96.67		P	17.2
5	☐			113.33		P	5.1
6	☐			191.12		P	7.0
7	☐			257.78		P	3.7
8	☐			332.23		P	10.1

164 Er [He] No available calibration points

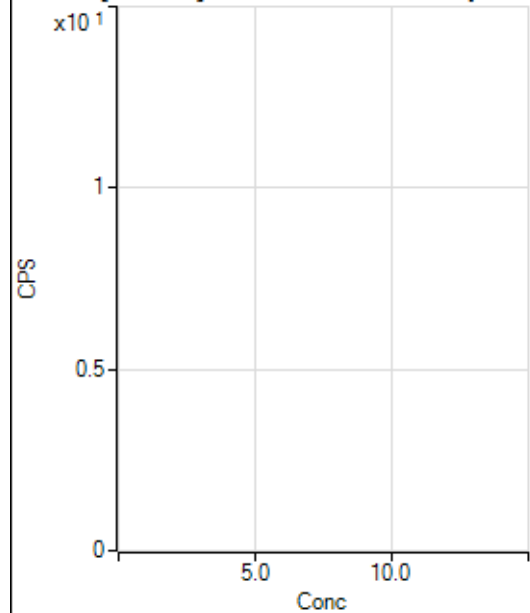
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.55		P	10.8
2	☐			33.33		P	36.1
3	☐			40.00		P	38.2
4	☐			40.00		P	14.4
5	☐			47.78		P	21.3
6	☐			74.44		P	29.8
7	☐			107.78		P	22.8
8	☐			168.89		P	10.1

172 Yb [No Gas] No available calibration points

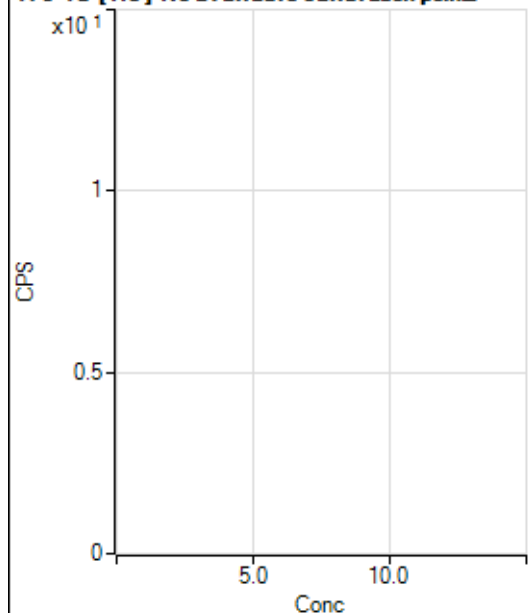
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			84.45		P	23.1
2	☐			62.22		P	20.3
3	☐			90.00		P	3.7
4	☐			70.00		P	8.2
5	☐			93.34		P	12.4
6	☐			120.00		P	5.6
7	☐			165.56		P	18.0
8	☐			417.79		P	3.9

172 Yb [He] No available calibration points

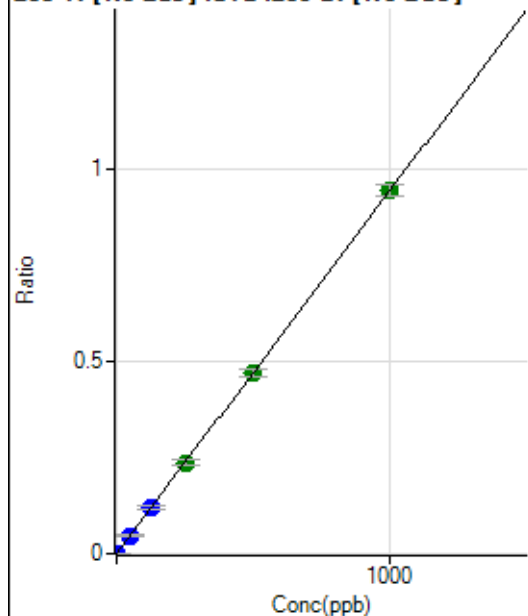
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	17.8
2	☐			43.33		P	20.4
3	☐			37.78		P	10.2
4	☐			52.22		P	7.4
5	☐			53.33		P	18.8
6	☐			60.00		P	19.2
7	☐			80.00		P	4.2
8	☐			183.34		P	6.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3060.39		P	7.2
2	☐			2998.16		P	3.8
3	☐			4626.42		P	1.4
4	☐			6766.25		P	4.1
5	☐			10543.19		P	3.3
6	☐			18220.43		P	0.9
7	☐			33457.94		P	1.4
8	☐			2560.29		P	5.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18632.43		P	3.3
2	☐			18008.03		P	1.1
3	☐			19094.12		P	3.1
4	☐			20413.90		P	3.1
5	☐			22202.51		P	3.0
6	☐			25271.04		P	2.8
7	☐			33253.14		P	1.9
8	☐			18622.38		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	193.33	0.0000	P	3.3
2	☐	1.000	0.947	7126.47	0.0009	P	4.0
3	☐	50.000	49.806	373743.44	0.0469	P	2.7
4	☐	125.000	126.952	942273.16	0.1194	P	5.0
5	☐	250.000	250.220	1852849.31	0.2353	A	6.3
6	☐	500.000	496.987	3734862.31	0.4674	A	4.3
7	☐	1000.000	1001.217	7237290.93	0.9415	A	3.0
8	☐			7514.67	0.0011	P	29.8

$$y = 9.4038E-004 * x + 2.5980E-005$$

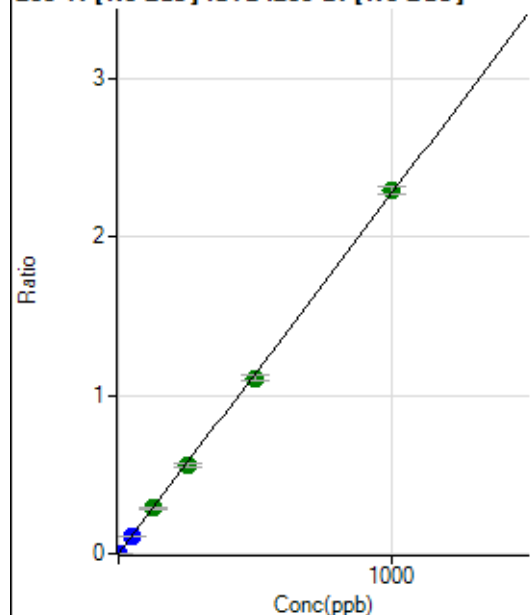
$$R = 1.0000$$

$$DL = 0.002749$$

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	433.35	0.0001	P	9.0
2	☐	1.000	0.923	16763.18	0.0022	P	4.7
3	☐	50.000	49.611	900235.18	0.1129	P	2.2
4	☐	125.000	125.539	2252801.72	0.2855	A	5.4
5	☐	250.000	244.920	4387699.76	0.5570	A	5.0
6	☐	500.000	487.286	8857987.72	1.1082	A	2.8
7	☐	1000.000	1007.579	17613674.04	2.2913	A	2.3
8	☐			17981.85	0.0027	P	33.4

$$y = 0.0023 * x + 5.8248E-005$$

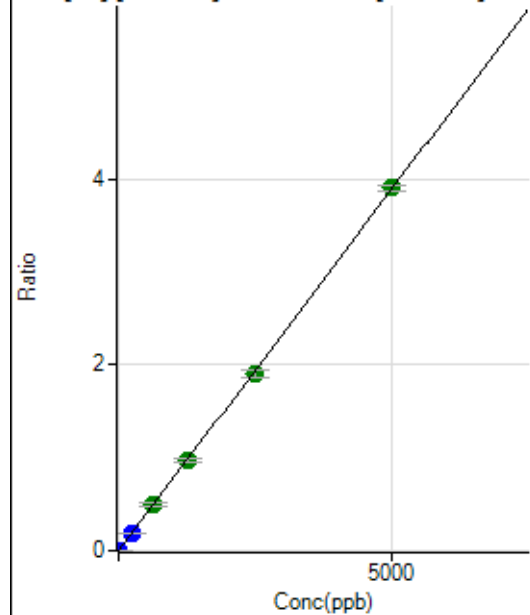
$$R = 0.9999$$

$$DL = 0.006929$$

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	316.67	0.0000	P	2.1
2	☐	1.000	0.923	5901.41	0.0008	P	4.5
3	☐	250.000	247.039	1530457.06	0.1919	P	2.2
4	☐	625.000	636.077	3897368.24	0.4940	A	5.5
5	☐	1250.000	1247.102	7629485.51	0.9685	A	4.8
6	☐	2500.000	2449.846	15205080.75	1.9025	A	3.6
7	☐	5000.000	5024.565	29999164.27	3.9019	A	1.5
8	☐			36596.03	0.0055	P	23.0

$$y = 7.7656E-004 * x + 4.2546E-005$$

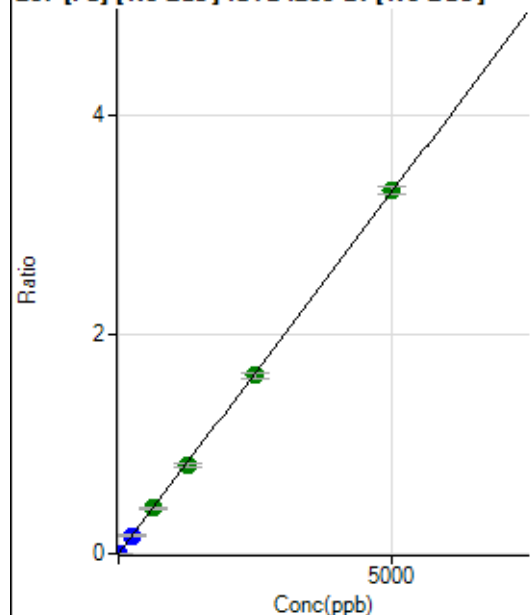
$$R = 0.9999$$

$$DL = 0.003438$$

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	297.79	0.0000	P	8.8
2	☐	1.000	0.936	5119.96	0.0007	P	5.8
3	☐	250.000	251.391	1325488.03	0.1662	P	2.4
4	☐	625.000	634.068	3306832.49	0.4191	A	5.5
5	☐	1250.000	1230.725	6408307.54	0.8135	A	4.8
6	☐	2500.000	2469.756	13047849.94	1.6324	A	3.0
7	☐	5000.000	5018.737	25500563.51	3.3171	A	2.0
8	☐			32112.55	0.0048	P	24.6

$$y = 6.6093E-004 * x + 4.0015E-005$$

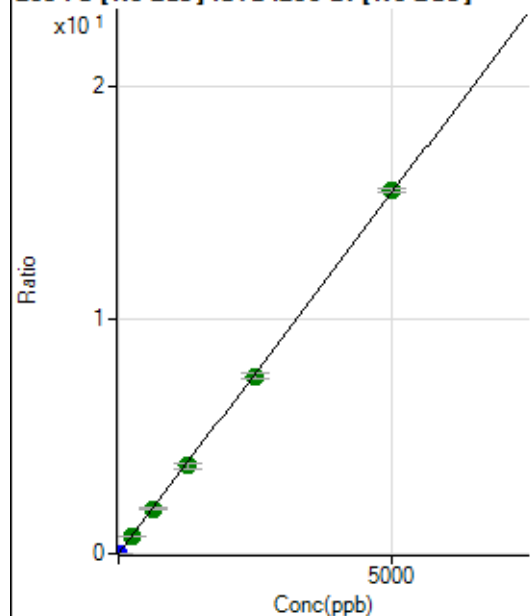
$$R = 1.0000$$

$$DL = 0.01602$$

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	1308.93	0.0002	P	1.8
2	☐	1.000	0.920	23430.75	0.0030	P	4.2
3	☐	250.000	246.240	6064439.17	0.7603	A	1.8
4	☐	625.000	622.252	15157640.82	1.9211	A	5.4
5	☐	1250.000	1218.856	29632697.69	3.7628	A	5.7
6	☐	2500.000	2460.878	60714519.37	7.5970	A	3.8
7	☐	5000.000	5027.878	119333175.7	15.5214	A	1.2
8	☐			146891.93	0.0220	P	24.9

$$y = 0.0031 * x + 1.7586E-004$$

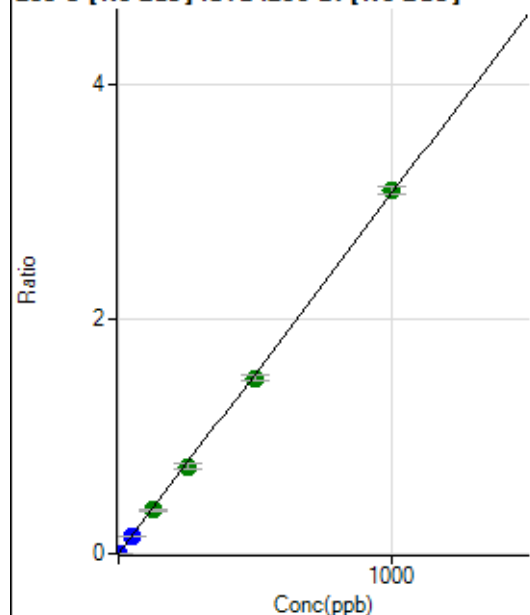
$$R = 0.9999$$

$$DL = 0.003003$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	22.9
2	☐	1.000	0.898	21439.31	0.0028	P	3.7
3	☐	50.000	48.822	1192532.45	0.1495	P	2.5
4	☐	125.000	122.465	2960244.92	0.3750	A	3.8
5	☐	250.000	242.632	5851437.07	0.7430	A	5.8
6	☐	500.000	488.409	11956202.74	1.4957	A	3.1
7	☐	1000.000	1008.014	23729883.53	3.0869	A	2.0
8	☐			21709.85	0.0032	P	32.3

$$y = 0.0031 * x + 7.1712E-006$$

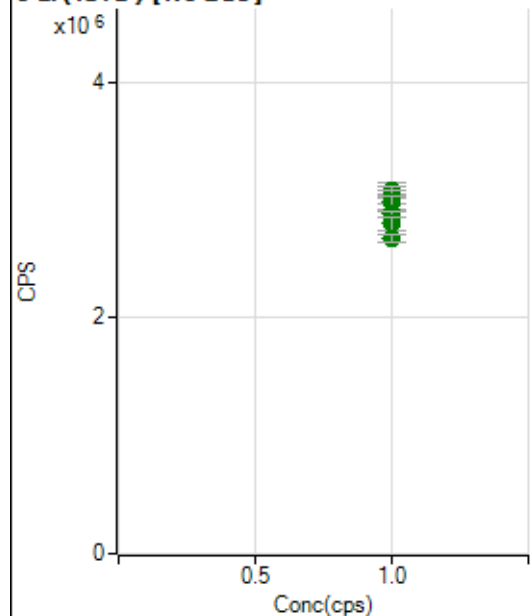
$$R = 0.9999$$

$$DL = 0.001612$$

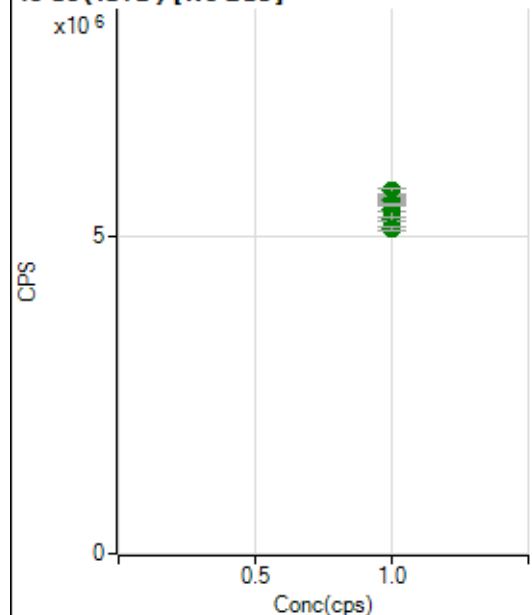
Weight: <None>

Min Conc: 0

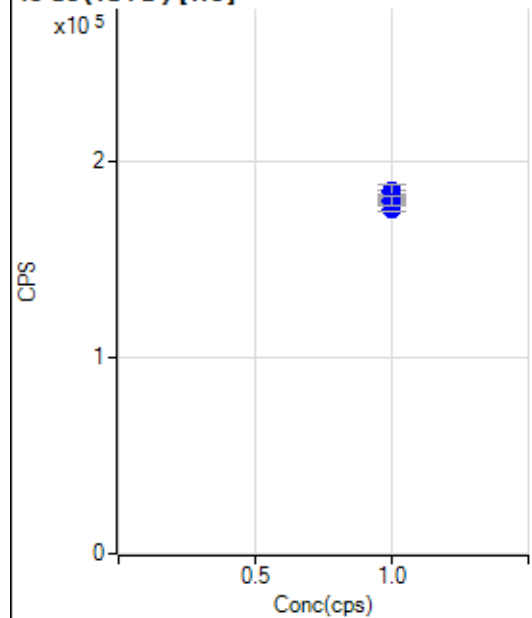
6 Li (ISTD) [No Gas]



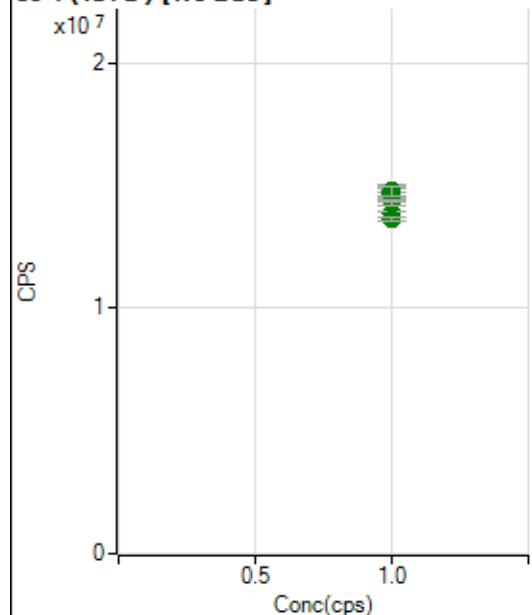
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3009220.49		A	3.0
2	☐	1.000		3077170.10		A	4.2
3	☐	1.000		3076276.33		A	2.7
4	☐	1.000		2990294.21		A	5.8
5	☐	1.000		2980705.83		A	3.9
6	☐	1.000		2884352.92		A	1.7
7	☐	1.000		2799243.74		A	3.7
8	☐	1.000		2674776.10		A	2.8

45 Sc (ISTD) [No Gas]

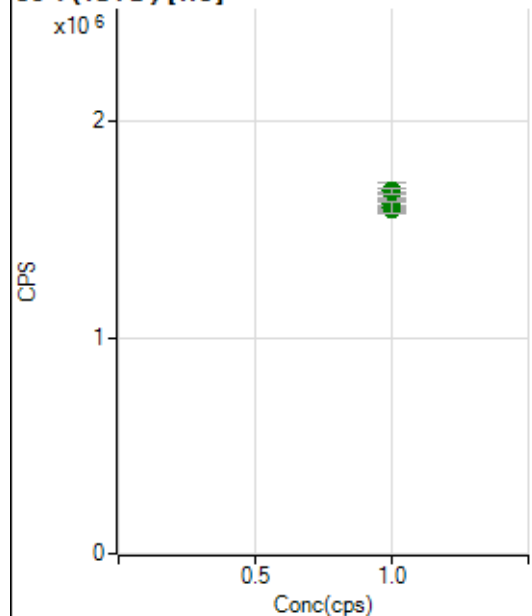
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5262726.52		A	1.1
2	☐	1.000		5552215.82		A	1.9
3	☐	1.000		5708113.32		A	1.8
4	☐	1.000		5480432.90		A	2.9
5	☐	1.000		5405604.50		A	3.9
6	☐	1.000		5577871.24		A	1.7
7	☐	1.000		5493068.74		A	0.9
8	☐	1.000		5120517.53		A	1.4

45 Sc (ISTD) [He]

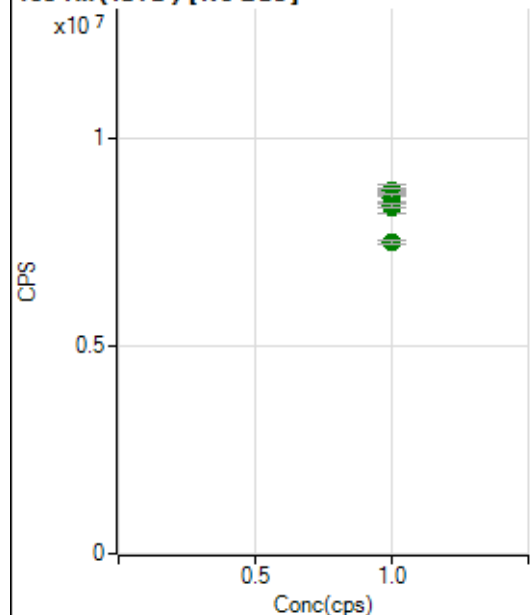
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		181338.57		P	0.5
2	☐	1.000		184172.90		P	1.8
3	☐	1.000		182621.02		P	2.9
4	☐	1.000		182027.68		P	2.0
5	☐	1.000		180613.50		P	2.1
6	☐	1.000		176134.32		P	1.6
7	☐	1.000		185136.81		P	3.6
8	☐	1.000		180061.67		P	3.0

89 Y (ISTD) [No Gas]

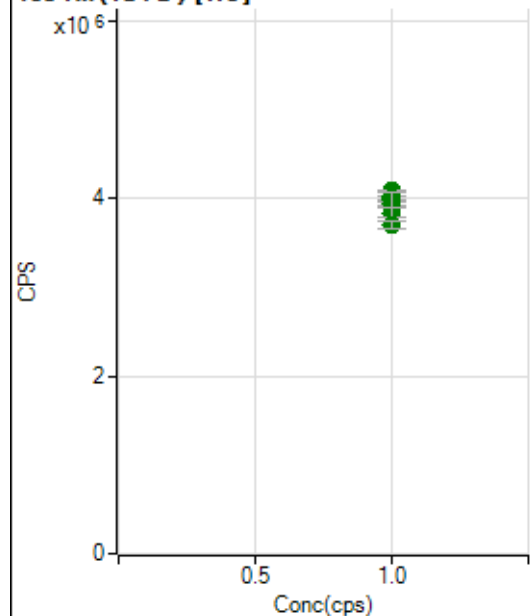
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13857861.18		A	1.8
2	☐	1.000		14446055.62		A	3.7
3	☐	1.000		14681253.25		A	2.3
4	☐	1.000		14745254.08		A	3.4
5	☐	1.000		14672498.25		A	4.2
6	☐	1.000		14729147.14		A	3.9
7	☐	1.000		14781059.50		A	2.7
8	☐	1.000		13602099.11		A	1.2

89 Y (ISTD) [He]

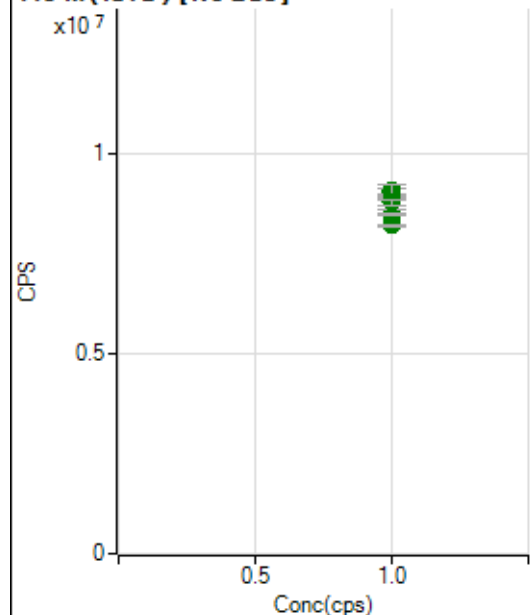
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1590610.17		A	1.3
2	☐	1.000		1614127.42		A	2.3
3	☐	1.000		1634068.78		A	3.7
4	☐	1.000		1641305.43		A	3.4
5	☐	1.000		1619343.50		A	1.6
6	☐	1.000		1600850.55		A	3.6
7	☐	1.000		1677489.89		A	4.4
8	☐	1.000		1677243.74		A	1.8

103 Rh (ISTD) [No Gas]

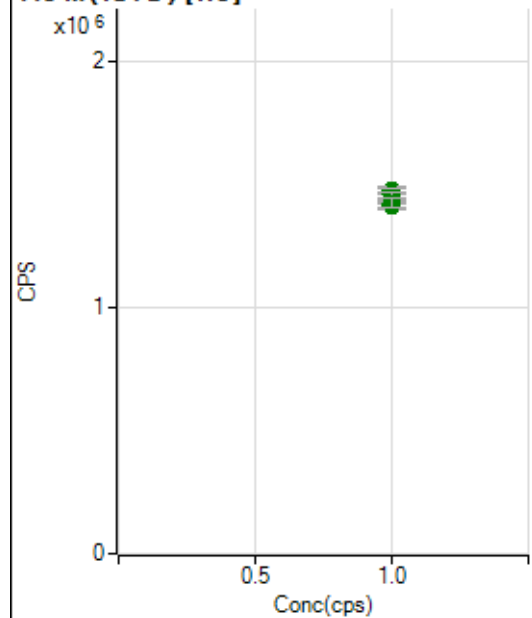
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8305069.32		A	3.0
2	☐	1.000		8565766.68		A	3.9
3	☐	1.000		8726667.92		A	3.1
4	☐	1.000		8629576.95		A	3.8
5	☐	1.000		8575626.54		A	3.3
6	☐	1.000		8548277.58		A	2.3
7	☐	1.000		8373942.45		A	0.7
8	☐	1.000		7487216.62		A	1.1

103 Rh (ISTD) [He]

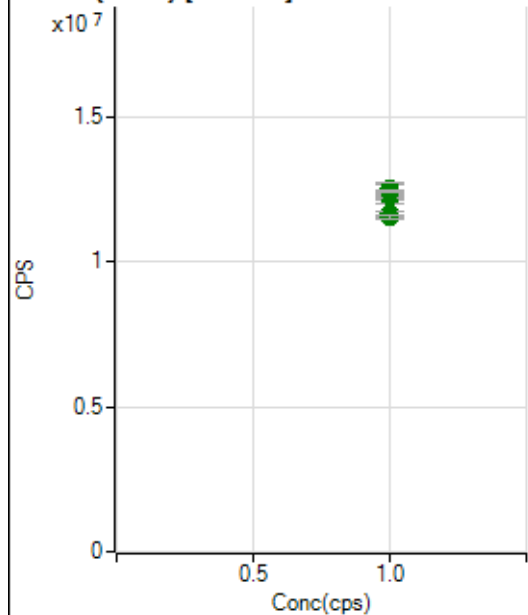
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3944881.33		A	1.4
2	☐	1.000		3967728.38		A	3.7
3	☐	1.000		4036771.09		A	2.5
4	☐	1.000		4089582.86		A	0.7
5	☐	1.000		4016800.39		A	2.7
6	☐	1.000		3846649.77		A	3.1
7	☐	1.000		3992308.10		A	4.3
8	☐	1.000		3701184.01		A	2.6

115 In (ISTD) [No Gas]

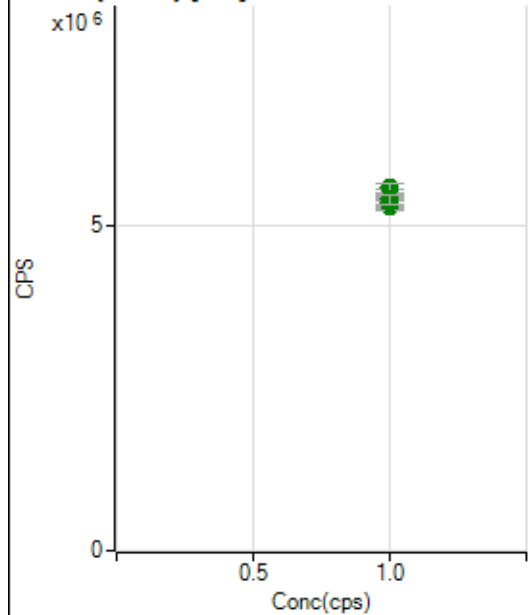
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8488524.66		A	0.5
2	☐	1.000		8846149.31		A	3.1
3	☐	1.000		9045925.20		A	1.9
4	☐	1.000		9076069.05		A	3.2
5	☐	1.000		8807282.63		A	4.2
6	☐	1.000		9067399.94		A	3.4
7	☐	1.000		8782098.54		A	2.0
8	☐	1.000		8213588.52		A	0.4

115 In (ISTD) [He]

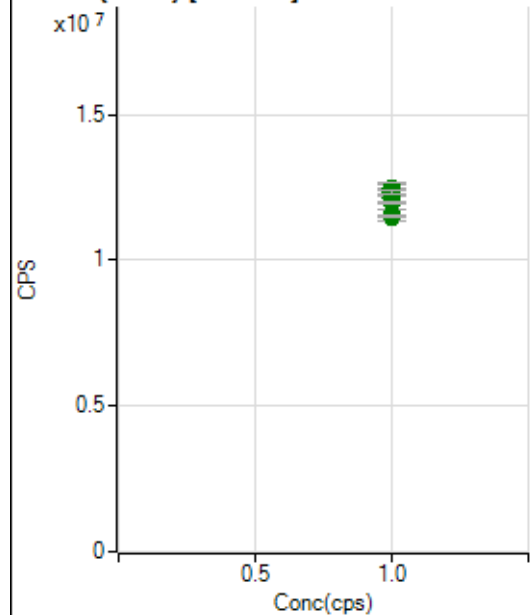
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1428647.80		A	0.4
2	☐	1.000		1448650.89		A	2.4
3	☐	1.000		1460890.23		A	3.7
4	☐	1.000		1473921.62		A	2.3
5	☐	1.000		1461944.65		A	3.1
6	☐	1.000		1412630.27		A	1.6
7	☐	1.000		1449142.18		A	2.9
8	☐	1.000		1423570.86		A	2.9

159 Tb (ISTD) [No Gas]

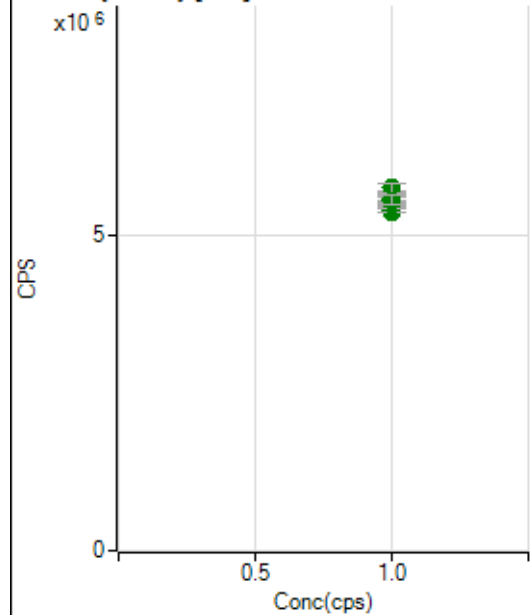
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11671584.55		A	1.4
2	☐	1.000		12193793.71		A	3.1
3	☐	1.000		12273685.37		A	1.9
4	☐	1.000		12421162.87		A	4.7
5	☐	1.000		12317862.04		A	1.8
6	☐	1.000		12535904.81		A	3.4
7	☐	1.000		12428246.48		A	0.5
8	☐	1.000		11550919.41		A	1.5

159 Tb (ISTD) [He]

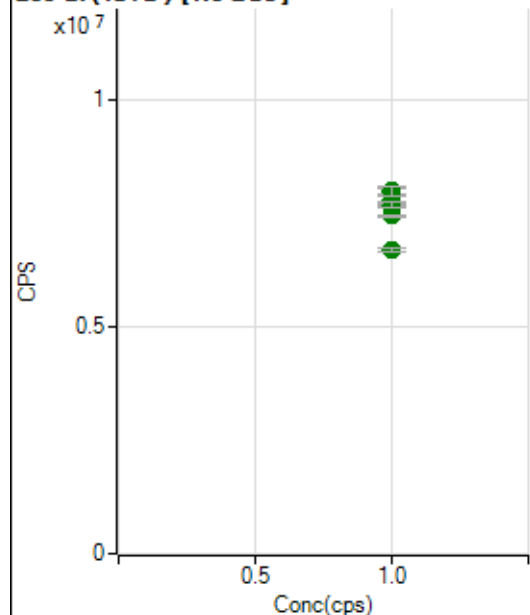
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5296049.30		A	0.6
2	☐	1.000		5339742.39		A	2.9
3	☐	1.000		5452299.57		A	2.2
4	☐	1.000		5471953.25		A	1.4
5	☐	1.000		5528645.47		A	2.1
6	☐	1.000		5357479.99		A	1.0
7	☐	1.000		5595642.07		A	2.7
8	☐	1.000		5414293.88		A	2.3

165 Ho (ISTD) [No Gas]

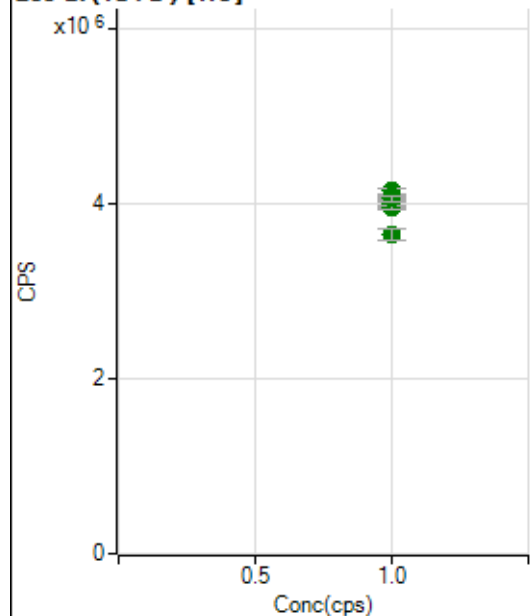
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11463908.30		A	1.5
2	☐	1.000		12006258.71		A	4.3
3	☐	1.000		12129734.12		A	2.2
4	☐	1.000		12208714.26		A	4.0
5	☐	1.000		12292518.57		A	4.6
6	☐	1.000		12450601.76		A	3.6
7	☐	1.000		12343607.32		A	1.2
8	☐	1.000		11521865.52		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5367326.10		A	0.3
2	☐	1.000		5395741.65		A	0.9
3	☐	1.000		5554837.63		A	3.5
4	☐	1.000		5578259.64		A	2.3
5	☐	1.000		5660267.34		A	1.2
6	☐	1.000		5498462.18		A	2.1
7	☐	1.000		5759010.33		A	2.7
8	☐	1.000		5560200.47		A	2.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7442379.19		A	0.8
2	☐	1.000		7779061.14		A	2.8
3	☐	1.000		7977504.12		A	1.6
4	☐	1.000		7901846.96		A	4.5
5	☐	1.000		7890484.95		A	5.1
6	☐	1.000		7997843.56		A	3.0
7	☐	1.000		7689006.14		A	1.6
8	☐	1.000		6698667.75		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3993297.13		A	1.7
2	☐	1.000		4039126.15		A	1.5
3	☐	1.000		4088562.27		A	3.6
4	☐	1.000		4140383.52		A	1.4
5	☐	1.000		4077228.24		A	1.6
6	☐	1.000		3954071.47		A	1.3
7	☐	1.000		4053732.27		A	1.6
8	☐	1.000		3633958.59		A	3.7