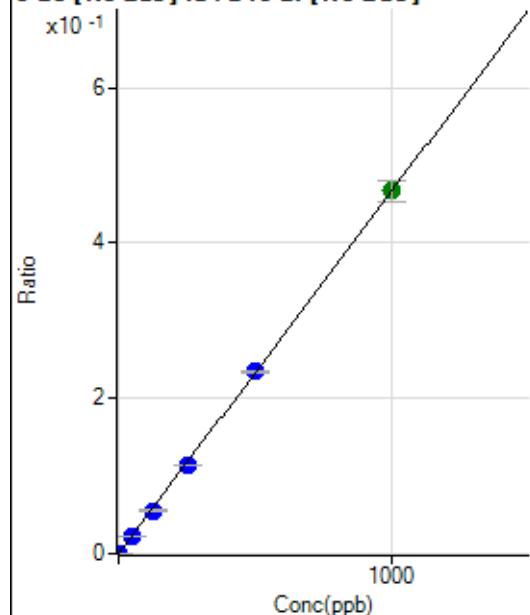


Calibration for 003CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P80301024MS.b\
 Analysis File: P80301024MS.batch.bin
 DA Date-Time: 2024-03-10 17:53:30
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-03-10 16:31:54
2	005CALS.d	S02	2024-03-10 16:35:19
3	006CALS.d	S03	2024-03-10 16:38:45
4	007CALS.d	S04	2024-03-10 16:42:03
5	008CALS.d	S05	2024-03-10 16:45:13
6	009CALS.d	S06	2024-03-10 16:48:16
7	010CALS.d	S07	2024-03-10 16:51:22
8	011CALS.d	S08	2024-03-10 16:54:23

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.74	0.0000	P	9.9
2	☐	1.000	0.935	1441.57	0.0005	P	2.7
3	☐	50.000	48.361	69492.95	0.0226	P	1.4
4	☐	125.000	119.094	167591.88	0.0555	P	1.5
5	☐	250.000	242.848	328611.63	0.1132	P	1.1
6	☐	500.000	502.247	651120.55	0.2342	P	1.4
7	☐	1000.000	1001.485	1292853.94	0.4670	A	5.6
8	☐			721.60	0.0003	P	62.3

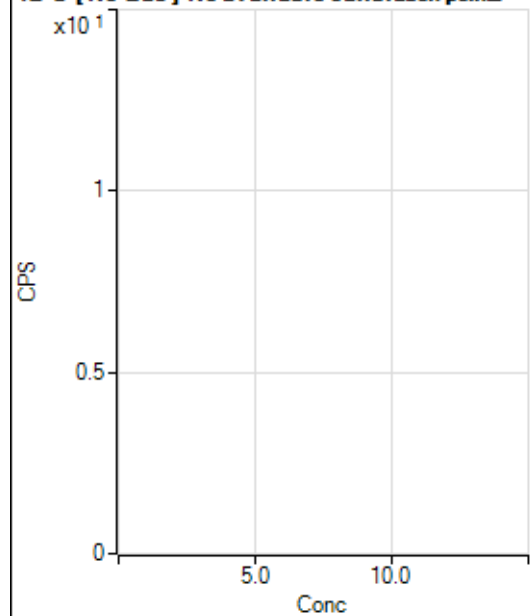
$$y = 4.6625\text{E-}004 * x + 2.1947\text{E-}005$$

$$R = 1.0000$$

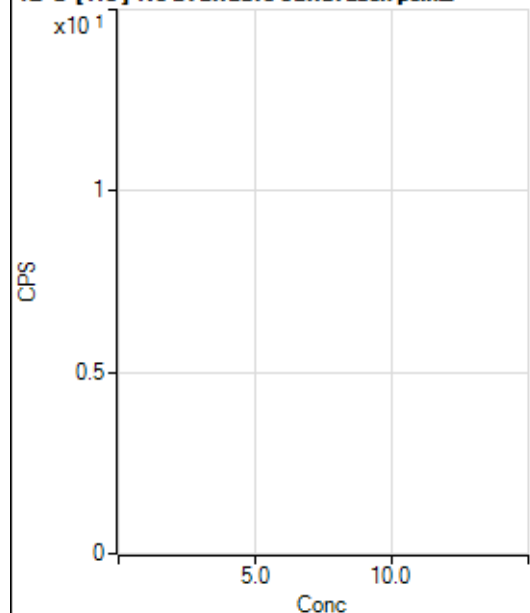
$$DL = 0.014$$

Weight: <None>

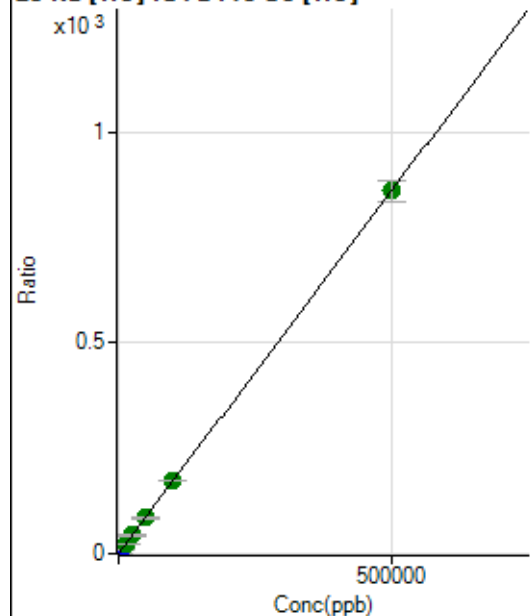
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1618629.02		A	1.4
2	☐			1559139.18		A	1.0
3	☐			1586287.89		A	0.1
4	☐			1547686.12		A	0.9
5	☐			1583044.68		A	0.9
6	☐			1804537.59		A	3.2
7	☐			2227799.86		A	3.1
8	☐			2110356.41		A	5.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18774.29		P	0.8
2	☐			18010.05		P	1.6
3	☐			18087.89		P	1.3
4	☐			18017.82		P	1.5
5	☐			18940.10		P	0.6
6	☐			21851.91		P	0.9
7	☐			28319.58		P	1.1
8	☐			30687.67		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8727.13	0.0801	P	18.0
2	☐	500.000	440.520	99617.02	0.8379	P	1.4
3	☐	5000.000	4734.087	960989.15	8.2248	P	0.6
4	☐	12500.000	12263.757	2392014.16	21.1791	A	1.1
5	☐	25000.000	25605.905	4574753.99	44.1335	A	8.3
6	☐	50000.000	49347.476	9184431.18	84.9794	A	1.7
7	☐	100000.00	100490.51	18516811.39	172.9679	A	1.8
8	☐	500000.00	499945.48	93293909.72	860.2063	A	5.6

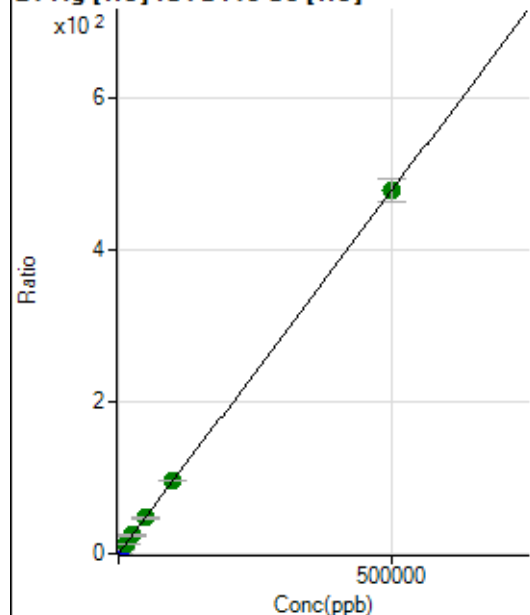
$$y = 0.0017 * x + 0.0801$$

$$R = 1.0000$$

$$DL = 25.16$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	167.78	0.0015	P	23.8
2	☐	500.000	447.572	50911.76	0.4282	P	0.6
3	☐	5000.000	4708.354	524673.13	4.4905	P	0.9
4	☐	12500.000	12016.474	1294071.47	11.4582	A	0.6
5	☐	25000.000	25625.942	2527308.65	24.4336	A	11.4
6	☐	50000.000	49208.989	5070836.66	46.9179	A	1.3
7	☐	100000.00	100399.45	10248671.45	95.7234	A	0.7
8	☐	500000.00	499982.96	51684862.01	476.6904	A	6.3

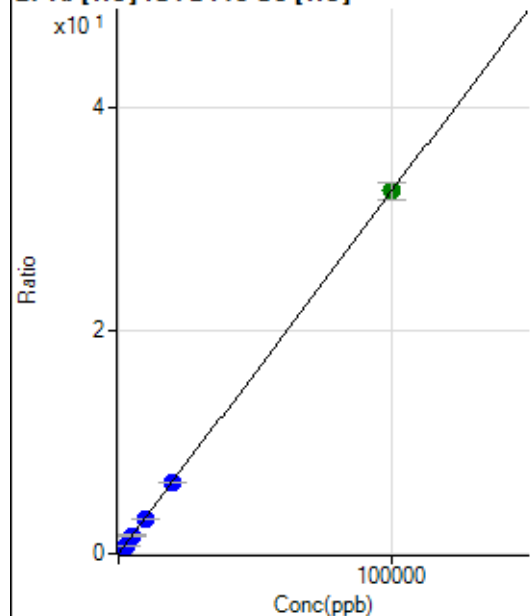
$$y = 9.5341\text{E-}004 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 1.145$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0004	P	34.5
2	☐	20.000	17.282	718.91	0.0060	P	7.0
3	☐	1000.000	943.981	35804.08	0.3064	P	1.3
4	☐	2500.000	2346.406	85949.72	0.7610	P	1.2
5	☐	5000.000	4948.975	166025.40	1.6046	P	10.9
6	☐	10000.000	9709.532	340210.68	3.1477	P	0.5
7	☐	20000.000	19454.313	675203.12	6.3063	P	0.5
8	☐	100000.00	100145.13	3521424.25	32.4611	A	5.0

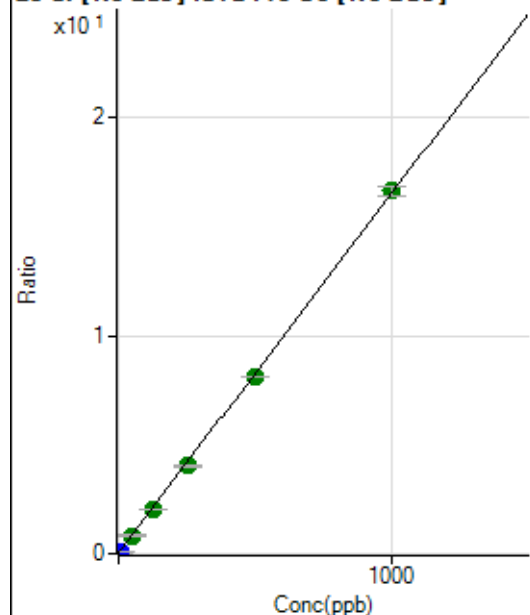
$$y = 3.2414\text{E-}004 * x + 4.4572\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.422$$

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	161783.98	0.0413	P	2.1
2	☐	10.000	0.272	178747.00	0.0458	P	1.7
3	☐	50.000	48.325	3301029.88	0.8378	A	0.7
4	☐	125.000	119.791	7722956.21	2.0157	A	1.2
5	☐	250.000	242.671	14890199.50	4.0411	A	1.4
6	☐	500.000	490.692	29352782.34	8.1292	A	0.7
7	☐	1000.000	1007.318	59380914.67	16.6445	A	2.6
8	☐			1738479.21	0.5002	A	8.1

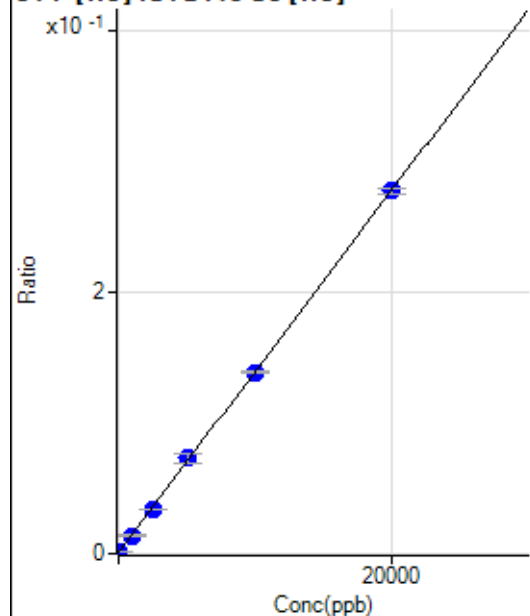
$$y = 0.0165 * x + 0.0413$$

$$R = 0.9999$$

$$DL = 0.1585$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.605	94.44	0.0009	P	13.8
2	☐	0.000	8.605	130.00	0.0011	P	14.3
3	☐	1000.000	936.688	1630.11	0.0140	P	4.3
4	☐	2500.000	2379.559	3833.88	0.0339	P	0.2
5	☐	5000.000	5196.169	7554.26	0.0730	P	10.2
6	☐	10000.000	9963.060	15026.76	0.1390	P	0.9
7	☐	20000.000	19987.649	29753.92	0.2779	P	1.9
8	☐			84.45	0.0008	P	11.6

$$y = 1.3856E-005 * x + 9.7435E-004$$

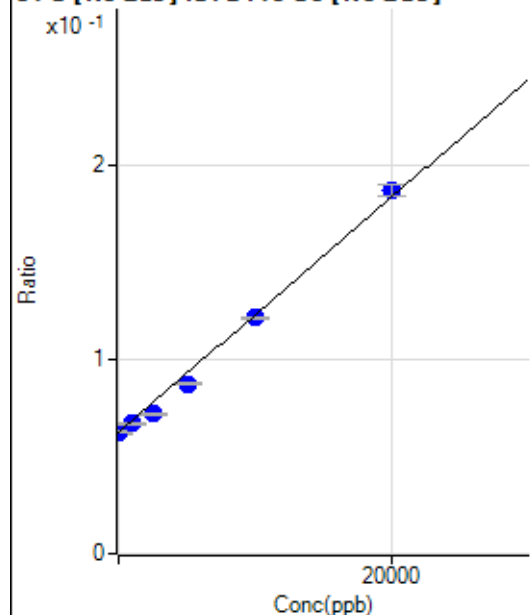
$$R = 0.9999$$

$$DL = 29.71$$

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	-82.249	243432.95	0.0621	P	1.4
2	☐	0.000	82.249	246476.09	0.0631	P	2.1
3	☐	1000.000	697.315	263236.99	0.0668	P	1.4
4	☐	2500.000	1512.796	274839.24	0.0717	P	1.5
5	☐	5000.000	4054.637	320942.68	0.0871	P	1.1
6	☐	10000.000	9710.003	437954.72	0.1213	P	0.4
7	☐	20000.000	20519.874	665744.88	0.1866	P	3.1
8	☐			200948.17	0.0578	P	4.8

$$y = 6.0451E-006 * x + 0.0626$$

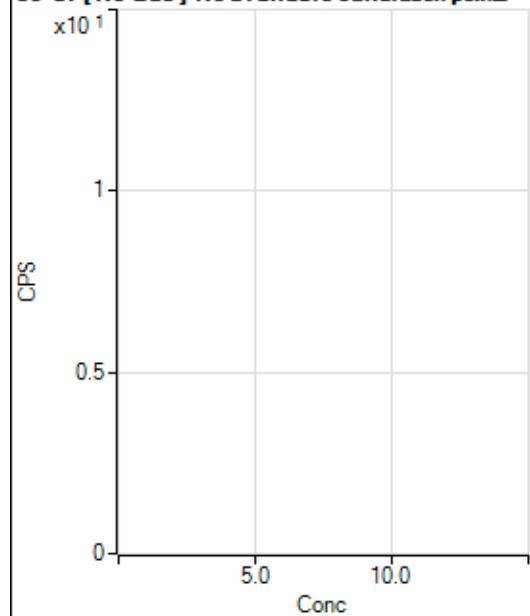
R = 0.9980

DL = 539.6

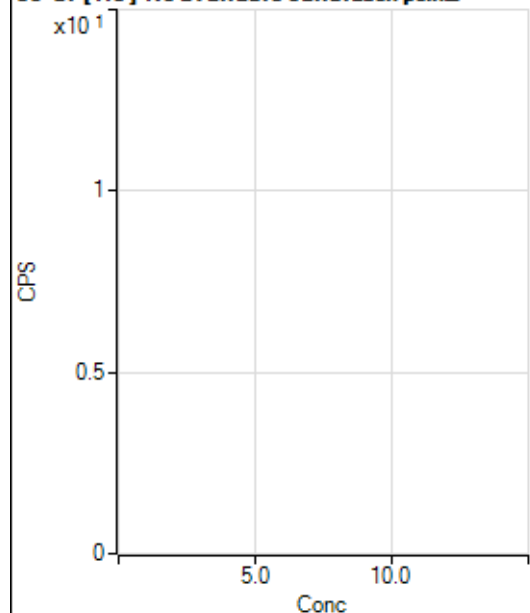
Weight: <None>

Min Conc: 0

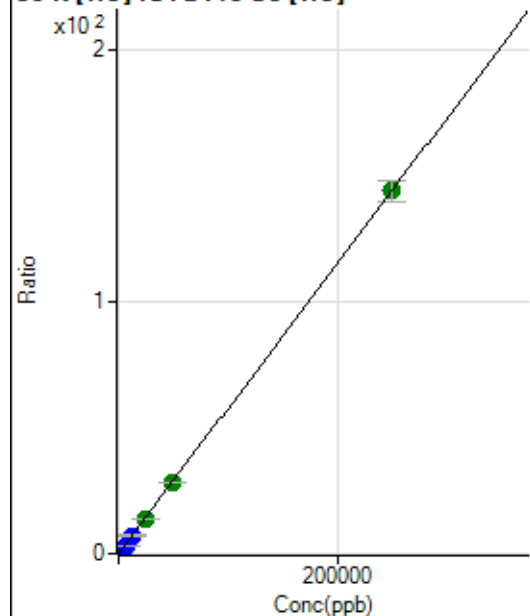
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			94332.59		P	3.2
2	☐			93792.22		P	1.9
3	☐			102429.08		P	2.8
4	☐			111531.95		P	1.6
5	☐			136299.66		P	0.5
6	☐			191273.87		P	1.3
7	☐			368689.95		P	2.5
8	☐			103381.28		P	0.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			514.46		P	6.7
2	☐			570.02		P	13.1
3	☐			584.46		P	5.6
4	☐			612.24		P	2.8
5	☐			805.59		P	6.0
6	☐			1187.84		P	2.8
7	☐			2222.41		P	5.6
8	☐			676.69		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5301.02	0.0484	P	14.2
2	☐	500.000	432.061	35238.57	0.2964	P	0.7
3	☐	2500.000	2274.006	158149.67	1.3536	P	0.9
4	☐	6250.000	5720.760	376313.42	3.3318	P	1.0
5	☐	12500.000	12137.533	725940.34	7.0147	P	10.6
6	☐	25000.000	24044.552	1496819.48	13.8486	A	0.5
7	☐	50000.000	48690.493	2997211.34	27.9939	A	0.9
8	☐	250000.00	250391.19	15590931.16	143.7583	A	5.6

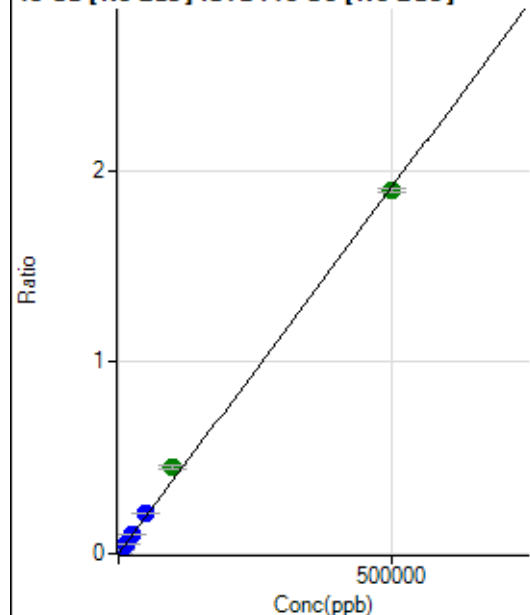
$$y = 5.7394\text{E-}004 * x + 0.0484$$

$$R = 1.0000$$

$$DL = 35.83$$

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	130.00	0.0000	P	25.3
2	☐	500.000	456.469	6939.51	0.0018	P	4.6
3	☐	5000.000	5353.354	80695.91	0.0205	P	0.7
4	☐	12500.000	13233.478	193750.81	0.0506	P	2.4
5	☐	25000.000	27284.905	384123.93	0.1042	P	1.0
6	☐	50000.000	55590.085	766777.67	0.2124	P	1.3
7	☐	100000.00	119084.50	1621892.74	0.4549	A	5.0
8	☐	500000.00	495488.01	6579973.86	1.8926	A	1.2

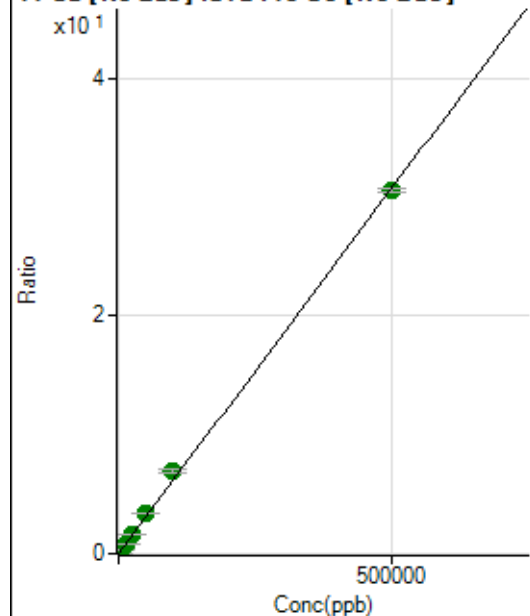
$$y = 3.8195\text{E-}006 * x + 3.3195\text{E-}005$$

$$R = 0.9992$$

$$DL = 6.597$$

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	11798.27	0.0030	P	2.0
2	☐	500.000	456.864	121401.94	0.0311	P	2.6
3	☐	5000.000	5307.905	1296506.64	0.3291	A	2.6
4	☐	12500.000	13147.631	3105713.11	0.8107	A	2.0
5	☐	25000.000	26869.214	6093332.97	1.6537	A	1.3
6	☐	50000.000	55133.586	12240571.48	3.3900	A	1.1
7	☐	100000.00	112430.01	24637453.24	6.9099	A	4.8
8	☐	500000.00	496887.95	106140325.0	30.5281	A	1.0

$$y = 6.1433\text{E-}005 * x + 0.0030$$

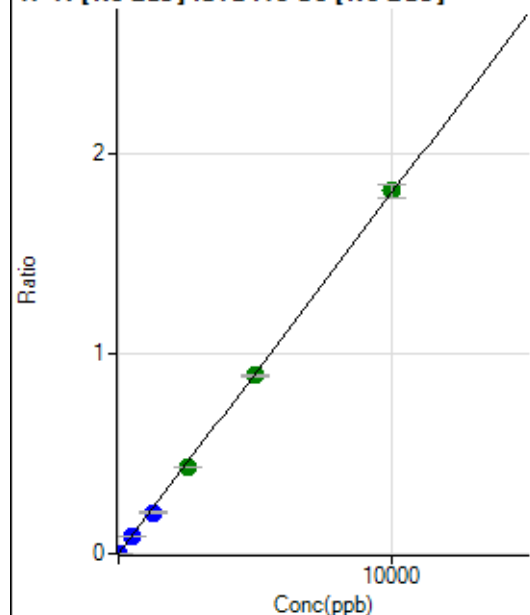
$$R = 0.9996$$

$$DL = 2.945$$

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	62.22	0.0000	P	37.6
2	☐	5.000	4.398	3164.83	0.0008	P	3.0
3	☐	500.000	460.058	327454.21	0.0831	P	1.4
4	☐	1250.000	1141.267	789715.20	0.2061	P	2.1
5	☐	2500.000	2401.511	1598239.68	0.4338	A	1.5
6	☐	5000.000	4945.004	3225103.08	0.8932	A	0.8
7	☐	10000.000	10067.709	6485385.25	1.8184	A	3.7
8	☐			3710.68	0.0011	P	57.7

$$y = 1.8062E-004 * x + 1.5797E-005$$

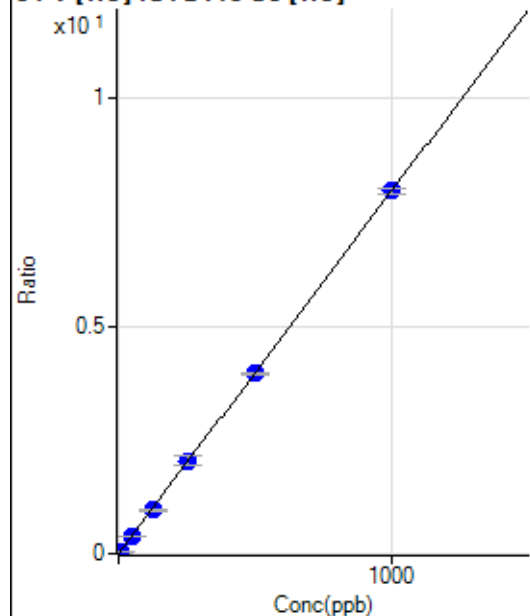
$$R = 0.9999$$

$$DL = 0.09859$$

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	8.89	0.0001	P	61.3
2	☐	5.000	4.733	4490.74	0.0378	P	2.6
3	☐	50.000	47.994	44658.37	0.3822	P	2.0
4	☐	125.000	119.461	107439.89	0.9513	P	0.7
5	☐	250.000	256.077	211004.28	2.0391	P	10.7
6	☐	500.000	496.931	427653.10	3.9568	P	1.1
7	☐	1000.000	1000.809	853110.76	7.9689	P	1.8
8	☐			354.45	0.0033	P	13.7

$$y = 0.0080 * x + 8.5394E-005$$

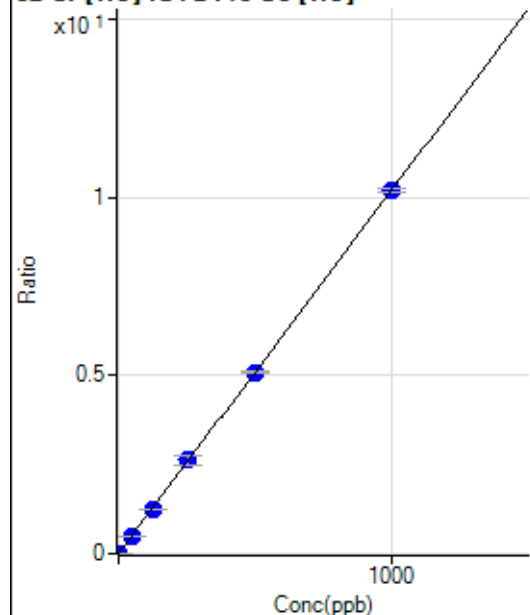
$$R = 1.0000$$

$$DL = 0.01972$$

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	571.13	0.0052	P	3.3
2	☐	2.000	1.952	2980.34	0.0251	P	3.9
3	☐	50.000	48.942	58949.64	0.5045	P	1.0
4	☐	125.000	120.363	139277.72	1.2332	P	0.8
5	☐	250.000	258.610	273624.48	2.6438	P	10.5
6	☐	500.000	499.512	551404.68	5.1017	P	0.7
7	☐	1000.000	998.724	1091527.43	10.1952	P	1.1
8	☐			24523.30	0.2262	P	6.2

$$y = 0.0102 * x + 0.0052$$

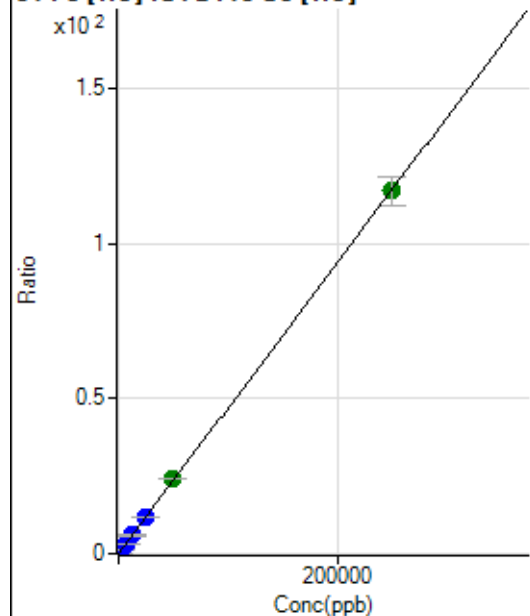
$$R = 0.9999$$

$$DL = 0.05027$$

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	223.34	0.0020	P	17.4
2	☐	50.000	47.284	2876.99	0.0242	P	3.1
3	☐	2500.000	2436.865	133634.53	1.1438	P	1.4
4	☐	6250.000	6024.474	319015.92	2.8246	P	0.2
5	☐	12500.000	12882.713	624662.73	6.0378	P	11.0
6	☐	25000.000	24955.933	1263975.97	11.6943	P	0.4
7	☐	50000.000	51176.752	2567470.67	23.9792	A	0.5
8	☐	250000.00	249756.19	12679612.17	117.0172	A	7.7

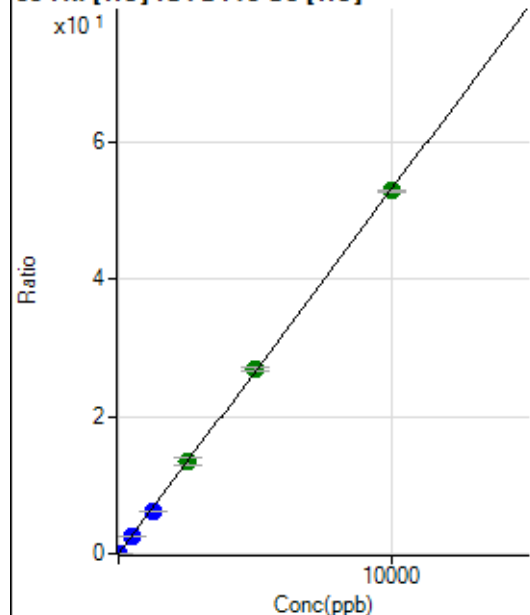
$$y = 4.6852E-004 * x + 0.0020$$

$$R = 1.0000$$

$$DL = 2.274$$

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	61.11	0.0006	P	31.7
2	☐	1.000	0.820	584.46	0.0049	P	2.2
3	☐	500.000	473.454	293351.57	2.5107	P	0.4
4	☐	1250.000	1175.703	704045.43	6.2338	P	0.8
5	☐	2500.000	2555.142	1404389.49	13.5471	A	8.1
6	☐	5000.000	5080.197	2911137.28	26.9342	A	1.7
7	☐	10000.000	9956.731	5651906.02	52.7881	A	0.5
8	☐			4537.43	0.0419	P	8.9

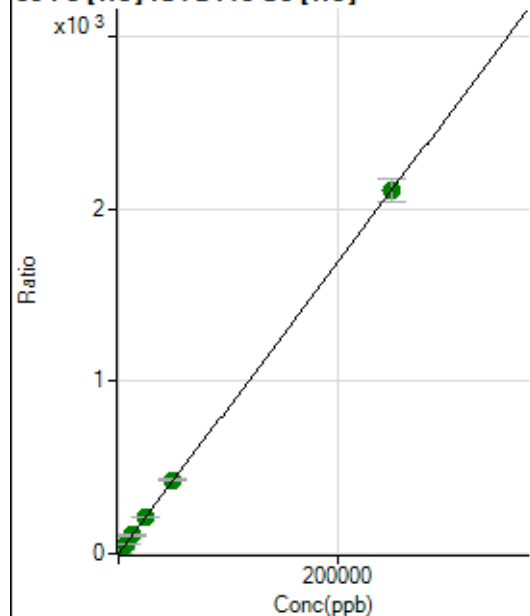
$$y = 0.0053 * x + 5.6764E-004$$

$$R = 0.9999$$

$$DL = 0.1017$$

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	1953.49	0.0178	P	13.0
2	☐	50.000	47.019	49201.21	0.4139	P	0.9
3	☐	2500.000	2530.910	2492804.89	21.3353	A	0.5
4	☐	6250.000	6145.326	5847649.84	51.7790	A	1.0
5	☐	12500.000	13164.809	11477914.83	110.9031	A	10.5
6	☐	25000.000	25390.151	23115985.77	213.8754	A	2.4
7	☐	50000.000	50728.220	45747793.76	427.2944	A	1.0
8	☐	250000.00	249784.40	228116725.4	2,103.916	A	6.3

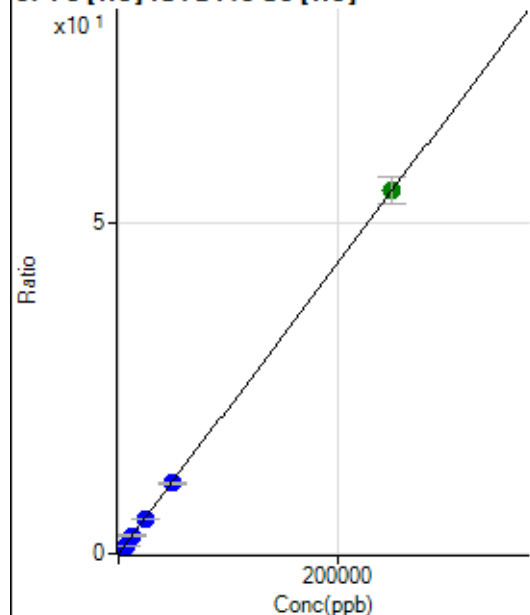
$$y = 0.0084 * x + 0.0178$$

$$R = 1.0000$$

$$DL = 0.8277$$

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	97.78	0.0009	P	46.0
2	☐	50.000	44.200	1258.96	0.0106	P	6.6
3	☐	2500.000	2368.464	60706.32	0.5196	P	1.4
4	☐	6250.000	5878.544	145493.81	1.2883	P	0.8
5	☐	12500.000	12552.240	284615.15	2.7497	P	10.4
6	☐	25000.000	24237.158	573781.29	5.3086	P	0.3
7	☐	50000.000	48604.807	1139647.14	10.6450	P	1.2
8	☐	250000.00	250363.31	5941535.95	54.8284	A	7.5

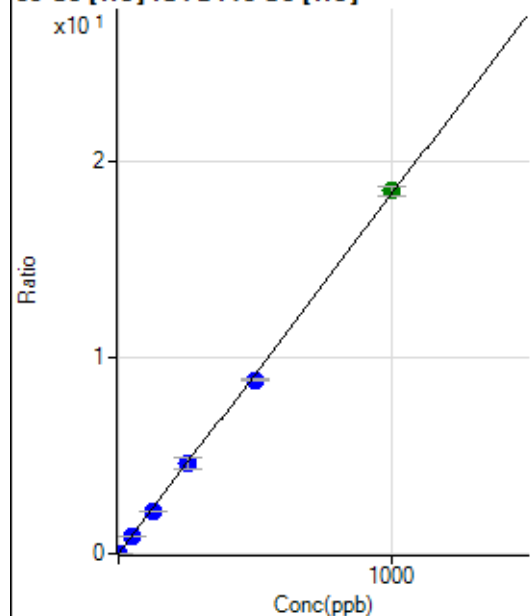
$$y = 2.1899E-004 * x + 9.1041E-004$$

$$R = 1.0000$$

$$DL = 5.732$$

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	73.33	0.0007	P	14.7
2	☐	1.000	0.990	2240.20	0.0188	P	4.4
3	☐	50.000	47.434	101836.66	0.8716	P	0.4
4	☐	125.000	117.861	244475.10	2.1646	P	1.0
5	☐	250.000	251.186	477231.81	4.6125	P	11.0
6	☐	500.000	483.612	959755.80	8.8800	P	1.0
7	☐	1000.000	1008.918	1983020.37	18.5248	A	2.5
8	☐			4900.90	0.0452	P	4.4

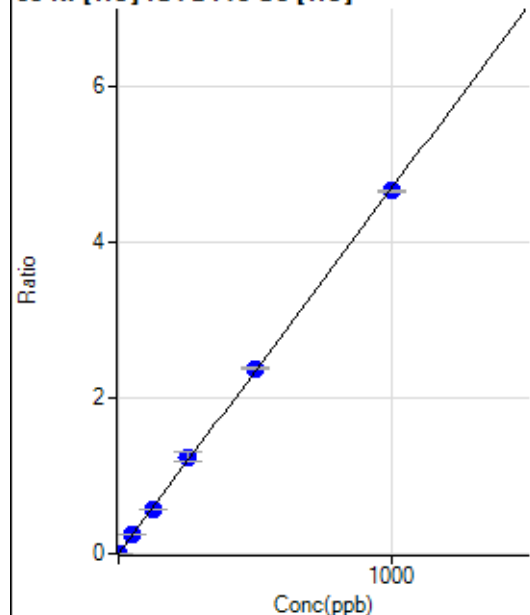
$$y = 0.0184 * x + 6.6274E-004$$

$$R = 0.9998$$

$$DL = 0.01596$$

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	56.67	0.0005	P	34.9
2	☐	1.000	0.961	598.91	0.0050	P	6.8
3	☐	50.000	51.166	28135.67	0.2408	P	1.7
4	☐	125.000	123.148	65371.72	0.5788	P	0.7
5	☐	250.000	264.195	128507.29	1.2412	P	10.0
6	☐	500.000	506.539	257156.40	2.3792	P	0.9
7	☐	1000.000	993.355	499497.65	4.6653	P	0.8
8	☐			7475.36	0.0689	P	6.0

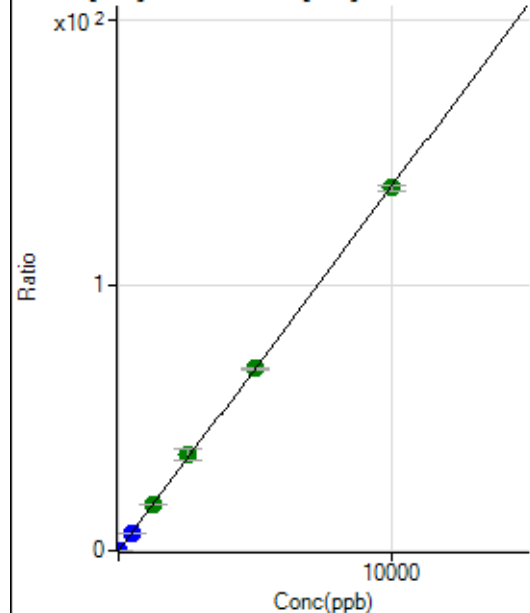
$$y = 0.0047 * x + 5.2536E-004$$

$$R = 0.9998$$

$$DL = 0.117$$

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	814.48	0.0075	P	17.7
2	☐	2.000	1.832	3871.67	0.0326	P	5.0
3	☐	500.000	482.681	773408.27	6.6193	P	0.3
4	☐	1250.000	1245.757	1928151.74	17.0720	A	0.7
5	☐	2500.000	2650.449	3754953.73	36.3136	A	11.8
6	☐	5000.000	5002.514	7407229.33	68.5324	A	1.1
7	☐	10000.000	9962.527	14610544.92	136.4752	A	1.6
8	☐			4577.47	0.0423	P	10.0

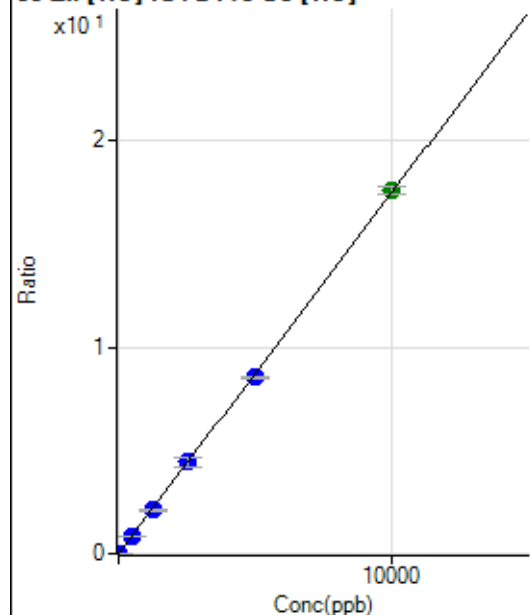
$$y = 0.0137 * x + 0.0075$$

$$R = 0.9999$$

$$DL = 0.29$$

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	278.89	0.0026	P	22.2
2	☐	2.000	4.249	1187.84	0.0100	P	6.3
3	☐	500.000	484.050	99102.60	0.8482	P	1.0
4	☐	1250.000	1200.878	237239.03	2.1005	P	1.2
5	☐	2500.000	2547.708	460933.33	4.4534	P	10.5
6	☐	5000.000	4877.797	921283.24	8.5241	P	1.3
7	☐	10000.000	10056.112	1880985.98	17.5707	A	2.1
8	☐			2445.79	0.0226	P	9.6

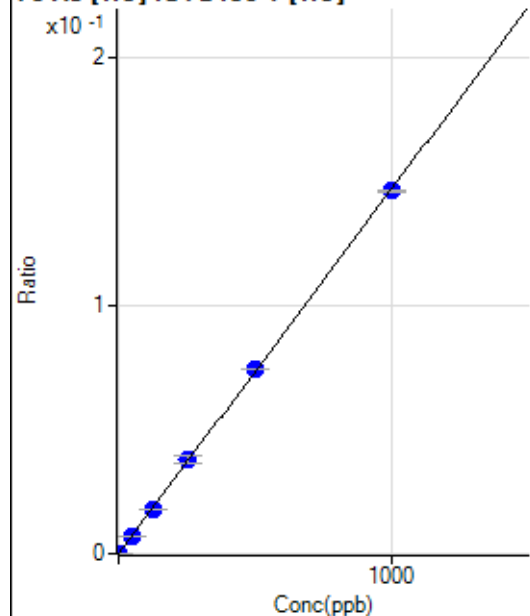
$$y = 0.0017 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 0.9794$$

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	1.147	116.67	0.0002	P	12.5
3	☐	50.000	48.479	4780.86	0.0071	P	4.8
4	☐	125.000	121.327	11560.37	0.0178	P	1.2
5	☐	250.000	260.413	22907.60	0.0382	P	8.6
6	☐	500.000	505.220	45646.00	0.0741	P	0.3
7	☐	1000.000	995.322	89532.63	0.1461	P	0.8
8	☐			64.44	0.0001	P	15.0

$$y = 1.4674E-004 * x + 2.1369E-006$$

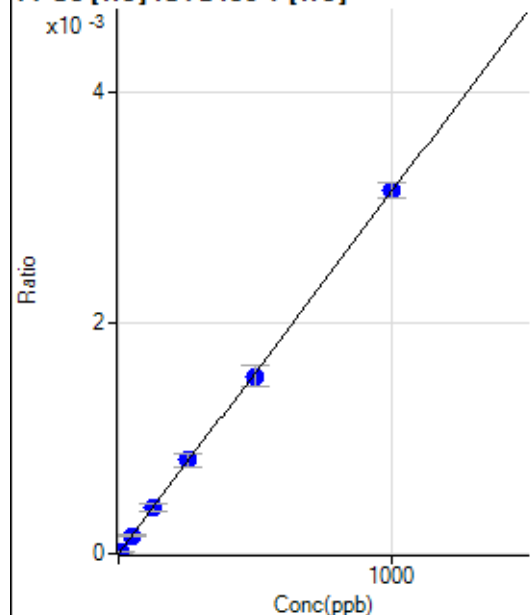
$$R = 0.9999$$

$$DL = 0.07567$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.177	12.22	0.0000	P	16.4
3	☐	50.000	49.513	105.55	0.0002	P	3.9
4	☐	125.000	128.231	262.23	0.0004	P	15.7
5	☐	250.000	258.309	485.57	0.0008	P	14.2
6	☐	500.000	490.937	950.04	0.0015	P	12.0
7	☐	1000.000	1002.074	1930.15	0.0031	P	4.3
8	☐			11.11	0.0000	P	60.2

$$y = 3.1402\text{E-}006 * x + 1.6205\text{E-}006$$

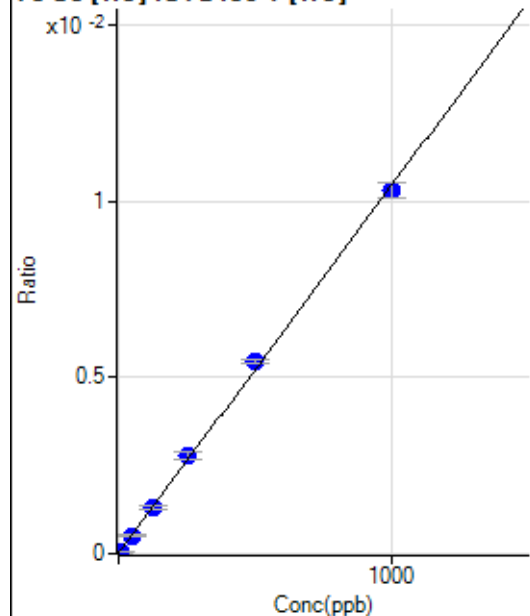
$$R = 0.9999$$

$$DL = 2.681$$

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	7.78	0.0000	P	56.9
2	☐	5.000	4.375	40.00	0.0001	P	65.6
3	☐	50.000	48.167	346.68	0.0005	P	9.9
4	☐	125.000	124.757	854.48	0.0013	P	5.2
5	☐	250.000	266.808	1682.34	0.0028	P	7.8
6	☐	500.000	520.809	3355.99	0.0055	P	2.0
7	☐	1000.000	985.519	6317.04	0.0103	P	4.4
8	☐			33.33	0.0001	P	15.7

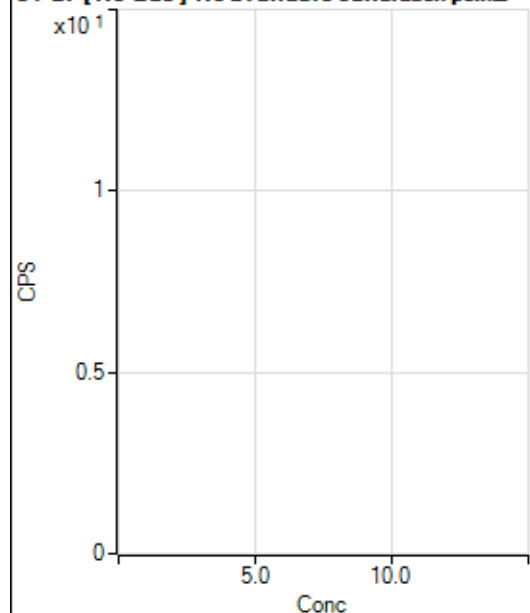
$$y = 1.0443\text{E-}005 * x + 1.2903\text{E-}005$$

$$R = 0.9995$$

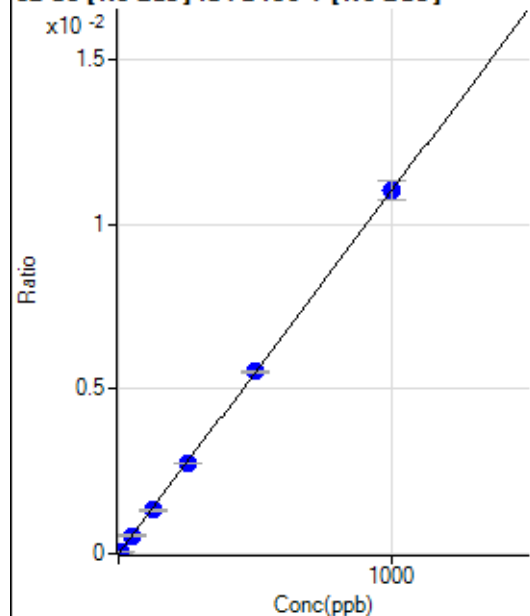
$$DL = 2.11$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2365.78		P	4.2
2	☐			2261.32		P	2.1
3	☐			2244.65		P	6.0
4	☐			2097.96		P	6.0
5	☐			1934.60		P	2.5
6	☐			1925.71		P	2.0
7	☐			2005.72		P	6.5
8	☐			3560.49		P	8.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-46.67	0.0000	P	-49.
2	☐	5.000	5.826	416.68	0.0001	P	5.3
3	☐	50.000	50.052	3923.96	0.0005	P	3.5
4	☐	125.000	120.103	9467.80	0.0013	P	2.1
5	☐	250.000	248.930	19190.09	0.0027	P	1.9
6	☐	500.000	501.327	37773.60	0.0055	P	1.0
7	☐	1000.000	1000.210	73627.86	0.0110	P	5.2
8	☐			460.02	0.0001	P	22.5

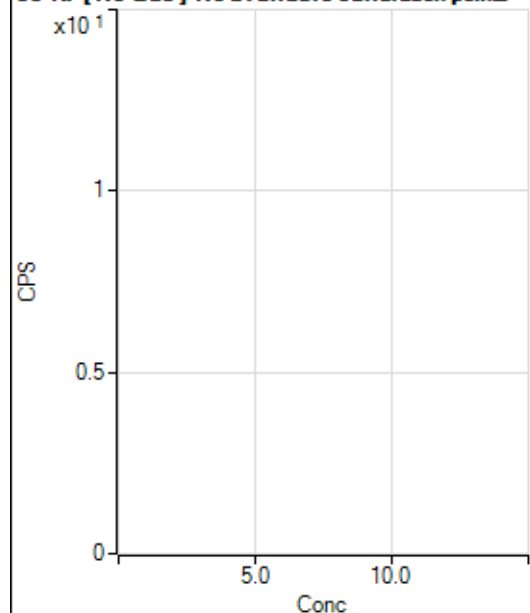
$$y = 1.1015E-005 * x - 6.4183E-006$$

$$R = 1.0000$$

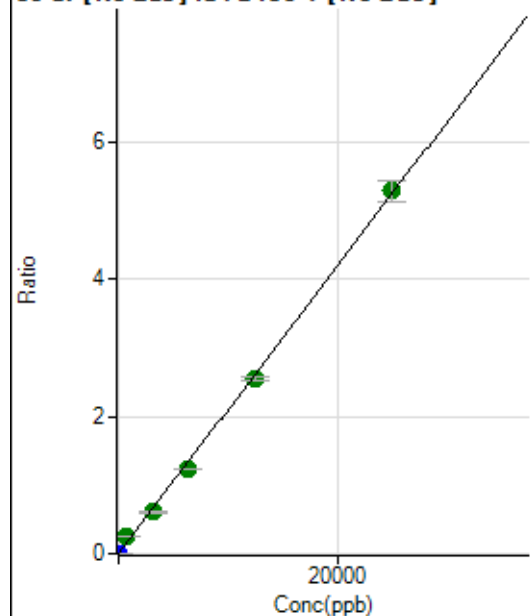
$$DL = 0.8692$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			163.34		P	10.6
2	☐			125.56		P	13.6
3	☐			123.33		P	28.2
4	☐			125.56		P	29.6
5	☐			123.34		P	24.8
6	☐			143.34		P	12.9
7	☐			174.45		P	2.9
8	☐			143.34		P	12.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	293.34	0.0000	P	11.9
2	☐	1.000	0.911	1669.01	0.0002	P	9.0
3	☐	625.000	1176.878	1776692.47	0.2466	A	1.5
4	☐	3125.000	2896.530	4364610.91	0.6070	A	3.1
5	☐	6250.000	5890.716	8657731.26	1.2344	A	1.8
6	☐	12500.000	12204.819	17512988.91	2.5575	A	1.7
7	☐	25000.000	25252.173	35375710.31	5.2915	A	5.8
8	☐			17165.91	0.0026	P	68.0

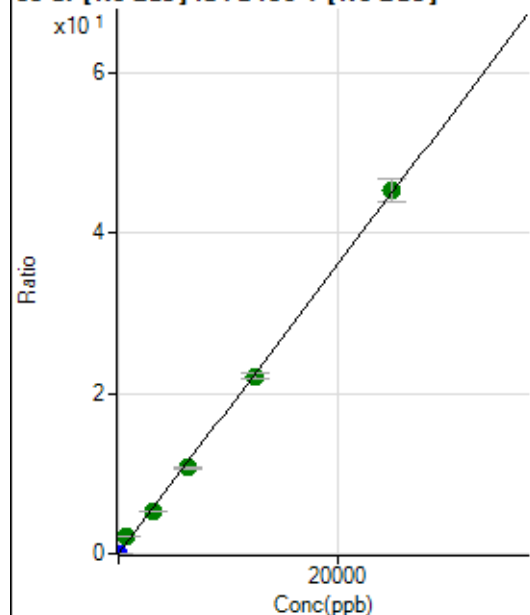
$$y = 2.0954\text{E-}004 * x + 4.0444\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.06871$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	523.35	0.0001	P	40.5
2	☐	1.000	0.920	12447.86	0.0017	P	3.1
3	☐	625.000	1186.232	15352476.16	2.1314	A	1.0
4	☐	3125.000	2911.602	37618362.77	5.2313	A	2.7
5	☐	6250.000	5958.714	75093472.77	10.7060	A	1.2
6	☐	12500.000	12327.150	151646415.5	22.1480	A	2.6
7	☐	25000.000	25171.890	302314697.7	45.2259	A	6.3
8	☐			144384.88	0.0222	P	68.6

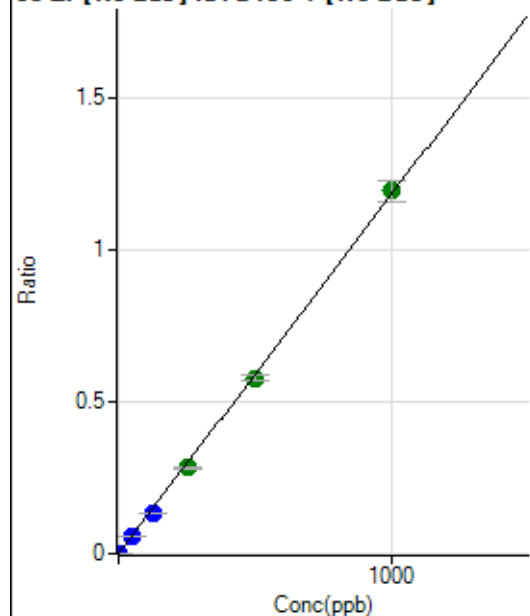
$$y = 0.0018 * x + 7.2156E-005$$

$$R = 0.9995$$

$$DL = 0.04876$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.12	0.0001	P	7.0
2	☐	1.000	0.823	7418.71	0.0010	P	2.8
3	☐	50.000	45.760	389618.76	0.0541	P	0.8
4	☐	125.000	112.071	952124.29	0.1324	P	2.2
5	☐	250.000	239.012	1980073.96	0.2823	A	1.3
6	☐	500.000	489.219	3955725.46	0.5778	A	3.0
7	☐	1000.000	1009.966	7973738.49	1.1927	A	5.8
8	☐			5934.85	0.0009	P	43.1

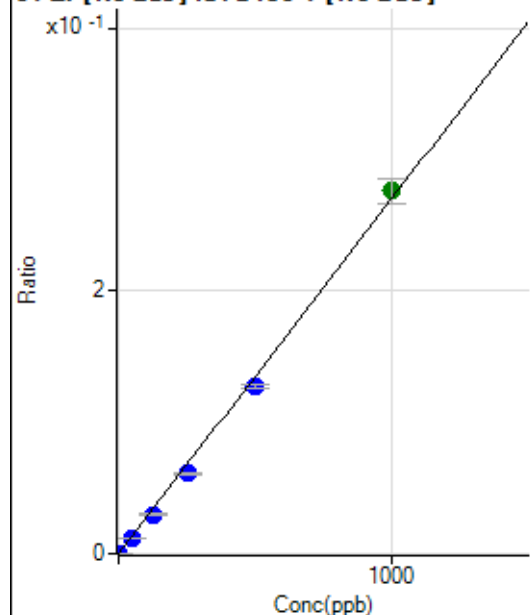
$$y = 0.0012 * x + 5.6663E-005$$

$$R = 0.9998$$

$$DL = 0.01009$$

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	71.11	0.0000	P	11.6
2	☐	1.000	0.866	1756.80	0.0002	P	5.8
3	☐	50.000	44.994	87511.64	0.0122	P	0.4
4	☐	125.000	110.437	214377.86	0.0298	P	1.5
5	☐	250.000	225.256	426354.19	0.0608	P	1.7
6	☐	500.000	470.942	870103.03	0.1271	P	2.3
7	☐	1000.000	1022.786	1844203.27	0.2760	A	7.2
8	☐			1437.88	0.0002	P	47.6

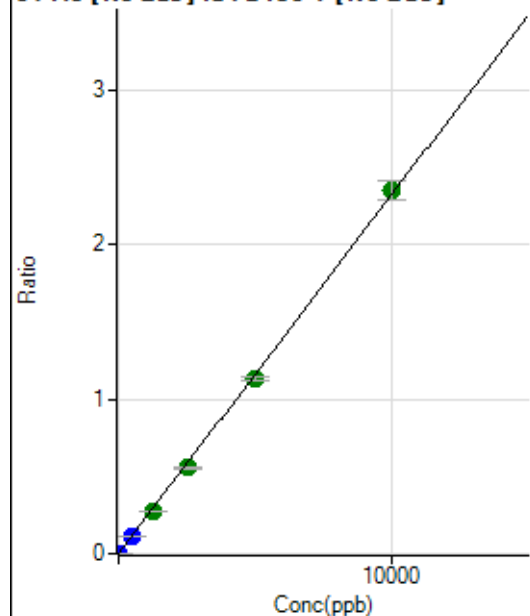
$$y = 2.6982E-004 * x + 9.7981E-006$$

$$R = 0.9990$$

$$DL = 0.01266$$

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	123.34	0.0000	P	10.6
2	☐	5.000	5.223	8878.46	0.0012	P	2.4
3	☐	500.000	462.779	774512.53	0.1075	P	0.7
4	☐	1250.000	1168.793	1953126.41	0.2716	A	1.4
5	☐	2500.000	2390.047	3895090.92	0.5553	A	0.9
6	☐	5000.000	4863.699	7736894.67	1.1300	A	2.6
7	☐	10000.000	10107.651	15701668.65	2.3483	A	5.4
8	☐			12335.20	0.0019	P	41.8

$$y = 2.3233E-004 * x + 1.7008E-005$$

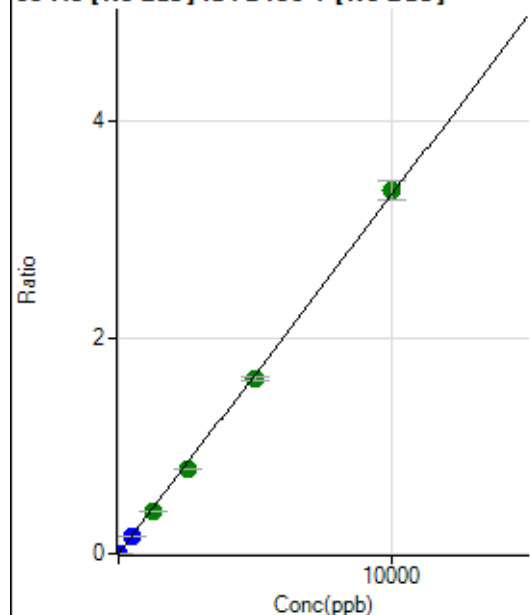
$$R = 0.9998$$

$$DL = 0.02328$$

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	37.78	0.0000	P	37.0
2	☐	5.000	4.420	10635.27	0.0015	P	1.7
3	☐	500.000	462.685	1107586.57	0.1538	P	0.0
4	☐	1250.000	1174.475	2807460.52	0.3903	A	0.9
5	☐	2500.000	2357.188	5495487.97	0.7834	A	0.8
6	☐	5000.000	4869.339	11080260.39	1.6183	A	2.3
7	☐	10000.000	10112.340	22471375.08	3.3607	A	5.3
8	☐			17297.01	0.0027	P	44.0

$$y = 3.3234\text{E-}004 * x + 5.2102\text{E-}006$$

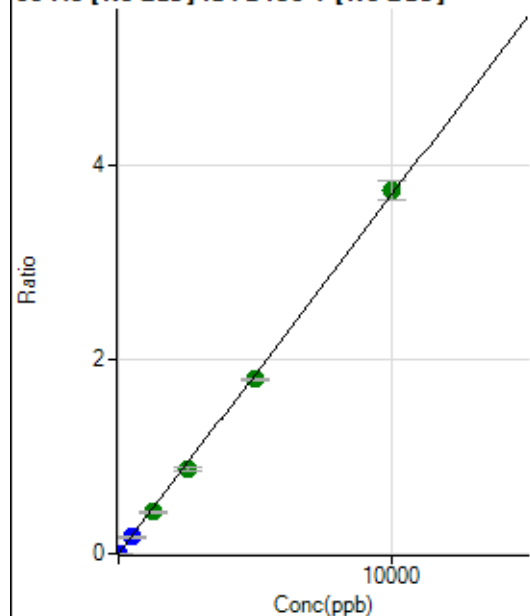
$$R = 0.9998$$

$$DL = 0.01738$$

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	78.89	0.0000	P	11.2
2	☐	5.000	4.454	11920.79	0.0017	P	2.2
3	☐	500.000	456.139	1210913.66	0.1681	P	0.2
4	☐	1250.000	1161.416	3078158.84	0.4280	A	3.1
5	☐	2500.000	2363.887	6109836.86	0.8712	A	2.9
6	☐	5000.000	4862.232	12271122.04	1.7920	A	1.4
7	☐	10000.000	10116.178	24928554.63	3.7283	A	5.4
8	☐			18848.44	0.0029	P	44.7

$$y = 3.6855\text{E-}004 * x + 1.0877\text{E-}005$$

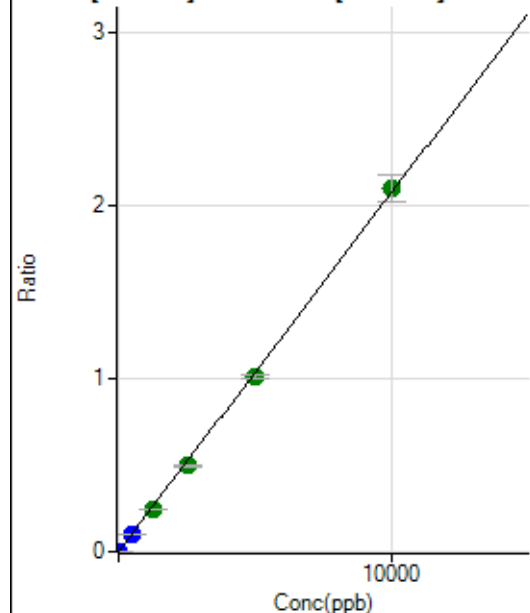
$$R = 0.9998$$

$$DL = 0.009927$$

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	25.55	0.0000	P	27.4
2	☐	5.000	4.461	6692.78	0.0009	P	1.4
3	☐	500.000	460.399	686888.06	0.0954	P	0.8
4	☐	1250.000	1172.558	1746683.34	0.2429	A	2.2
5	☐	2500.000	2392.868	3475947.94	0.4957	A	3.0
6	☐	5000.000	4866.114	6901005.59	1.0080	A	2.8
7	☐	10000.000	10105.386	13986844.79	2.0932	A	7.4
8	☐			10700.48	0.0016	P	45.3

$$y = 2.0714E-004 * x + 3.5237E-006$$

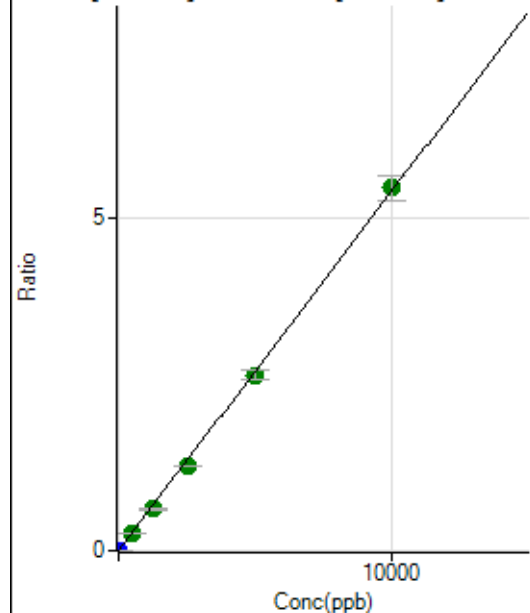
$$R = 0.9998$$

$$DL = 0.01399$$

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	81.11	0.0000	P	13.9
2	☐	5.000	4.423	17323.16	0.0024	P	1.8
3	☐	500.000	467.066	1817863.17	0.2524	A	0.3
4	☐	1250.000	1160.721	4511100.38	0.6272	A	2.0
5	☐	2500.000	2348.244	8900002.16	1.2689	A	1.4
6	☐	5000.000	4897.904	18115677.64	2.6466	A	4.6
7	☐	10000.000	10101.794	36479528.35	5.4584	A	6.8
8	☐			26479.46	0.0041	P	46.3

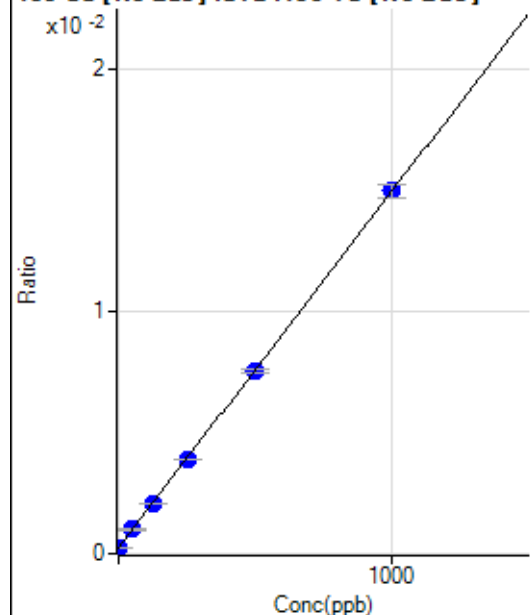
$$y = 5.4034E-004 * x + 1.1184E-005$$

$$R = 0.9998$$

$$DL = 0.008634$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2151.30	0.0003	P	1.6
2	☐	1.000	0.826	2240.21	0.0003	P	2.5
3	☐	50.000	51.065	8517.16	0.0010	P	1.8
4	☐	125.000	124.127	17896.14	0.0021	P	1.2
5	☐	250.000	247.226	32808.02	0.0039	P	0.6
6	☐	500.000	496.525	63832.47	0.0076	P	1.8
7	☐	1000.000	1002.487	125305.54	0.0150	P	4.0
8	☐			2043.51	0.0003	P	1.1

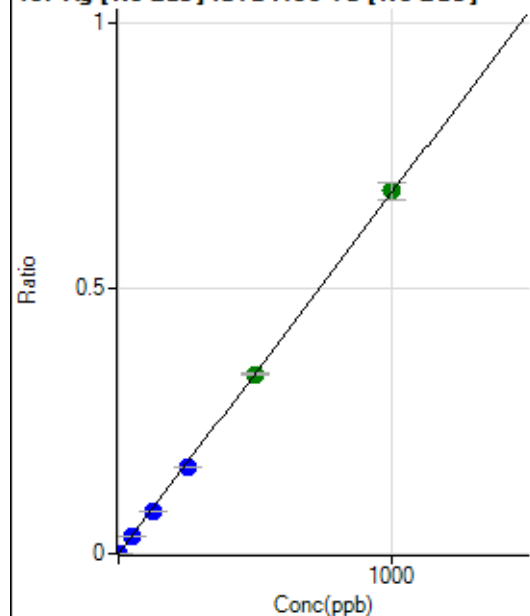
$$y = 1.4707E-005 * x + 2.5050E-004$$

$$R = 1.0000$$

$$DL = 0.8268$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	45.7
2	☐	1.000	0.891	5245.49	0.0006	P	1.0
3	☐	50.000	48.528	280720.75	0.0330	P	1.7
4	☐	125.000	116.665	684188.85	0.0794	P	0.6
5	☐	250.000	238.037	1366924.22	0.1619	P	0.6
6	☐	500.000	496.693	2855760.75	0.3379	A	0.8
7	☐	1000.000	1005.760	5716889.15	0.6841	A	4.7
8	☐			1202.29	0.0001	P	8.1

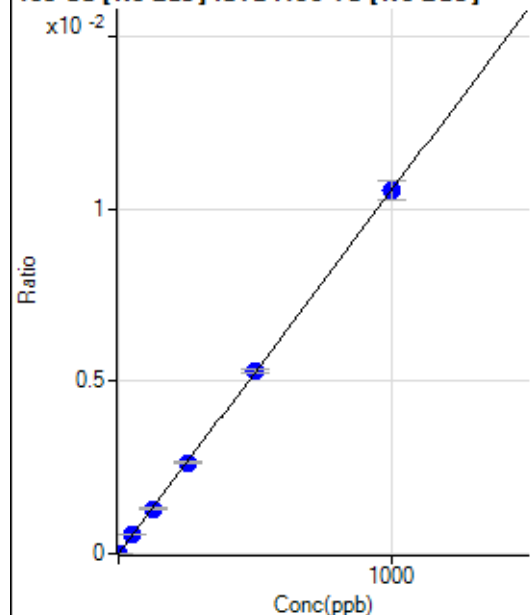
$$y = 6.8022E-004 * x + 9.0370E-006$$

$$R = 0.9999$$

$$DL = 0.01821$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.45	0.0000	P	27.6
2	☐	1.000	0.890	94.45	0.0000	P	4.8
3	☐	50.000	51.853	4665.30	0.0005	P	1.7
4	☐	125.000	123.279	11223.56	0.0013	P	2.8
5	☐	250.000	250.934	22357.09	0.0026	P	0.8
6	☐	500.000	502.593	44816.18	0.0053	P	2.0
7	☐	1000.000	998.592	88011.50	0.0105	P	5.2
8	☐			124.45	0.0000	P	32.8

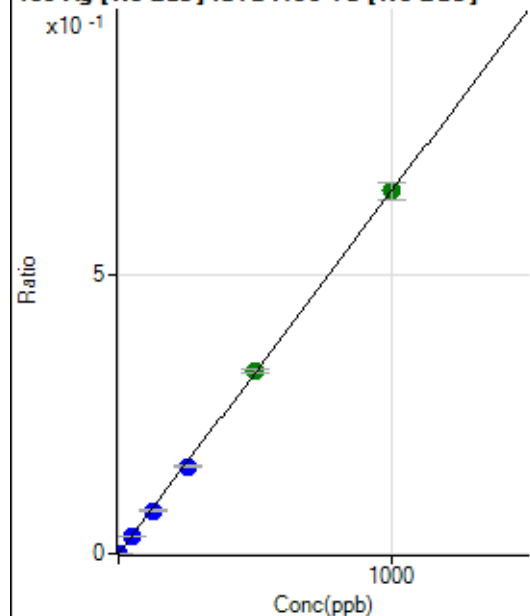
$$y = 1.0548\text{E-}005 * x + 1.6858\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.1322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	6.2
2	☐	1.000	0.912	5098.77	0.0006	P	3.4
3	☐	50.000	49.233	272544.24	0.0321	P	0.9
4	☐	125.000	119.235	669150.98	0.0776	P	1.7
5	☐	250.000	240.714	1322810.45	0.1567	P	1.4
6	☐	500.000	504.379	2775390.18	0.3284	A	1.3
7	☐	1000.000	1000.891	5443560.51	0.6516	A	5.1
8	☐			1170.06	0.0001	P	10.2

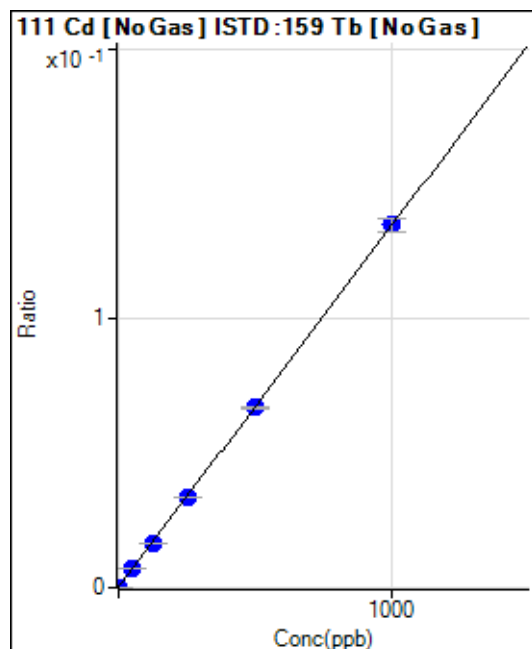
$$y = 6.5100\text{E-}004 * x + 4.0118\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.001145$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1510.24	0.0002	P	1.8
2	☐	1.000	1.041	2694.31	0.0003	P	0.4
3	☐	50.000	50.512	59251.05	0.0070	P	1.6
4	☐	125.000	122.176	143159.74	0.0166	P	1.0
5	☐	250.000	249.203	284408.77	0.0337	P	0.2
6	☐	500.000	496.999	566391.61	0.0670	P	1.7
7	☐	1000.000	1002.027	1127673.51	0.1349	P	4.0
8	☐			2405.62	0.0003	P	12.5

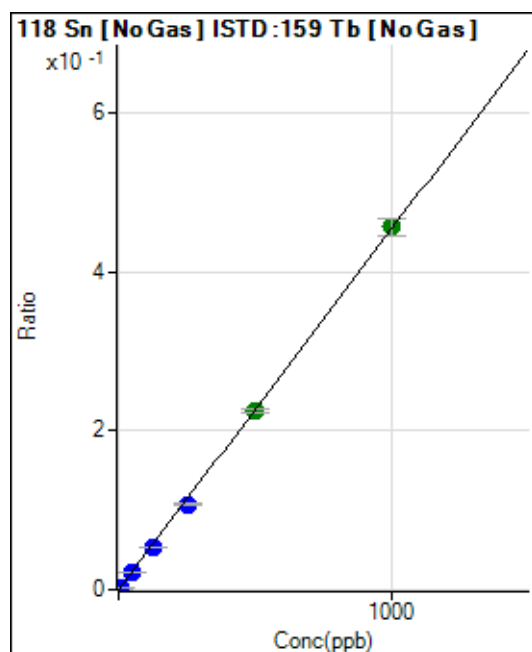
$$y = 1.3449\text{E-}004 * x + 1.7585\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.06871$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	663.36	0.0001	P	9.0
2	☐	5.000	4.634	18607.21	0.0022	P	2.6
3	☐	50.000	48.056	186215.01	0.0219	P	1.1
4	☐	125.000	116.350	456138.43	0.0529	P	2.0
5	☐	250.000	236.913	908859.12	0.1077	P	1.5
6	☐	500.000	495.490	1902485.84	0.2251	A	1.5
7	☐	1000.000	1006.707	3820381.09	0.4573	A	4.9
8	☐			4045.12	0.0005	P	27.2

$$y = 4.5414\text{E-}004 * x + 7.7267\text{E-}005$$

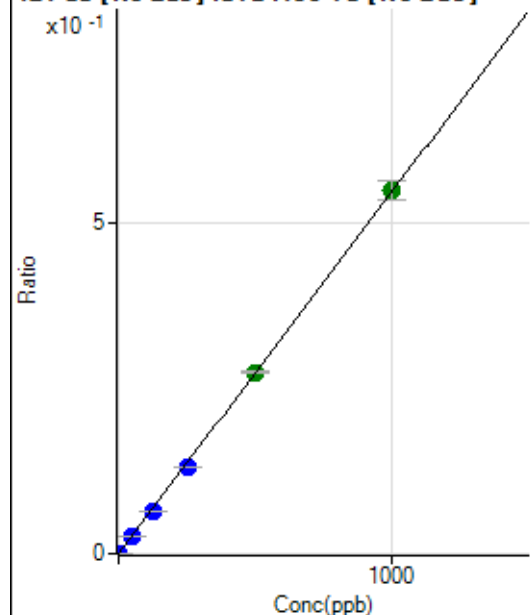
$$R = 0.9999$$

$$DL = 0.04617$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	17.3
2	☐	2.000	1.854	8695.07	0.0010	P	0.8
3	☐	50.000	47.574	220913.39	0.0260	P	1.4
4	☐	125.000	115.919	545672.04	0.0633	P	1.1
5	☐	250.000	239.391	1103476.56	0.1307	P	0.4
6	☐	500.000	500.487	2309815.44	0.2733	A	1.1
7	☐	1000.000	1003.665	4578347.47	0.5480	A	5.1
8	☐			5557.94	0.0007	P	24.9

$$y = 5.4601\text{E-}004 * x + 7.2530\text{E-}006$$

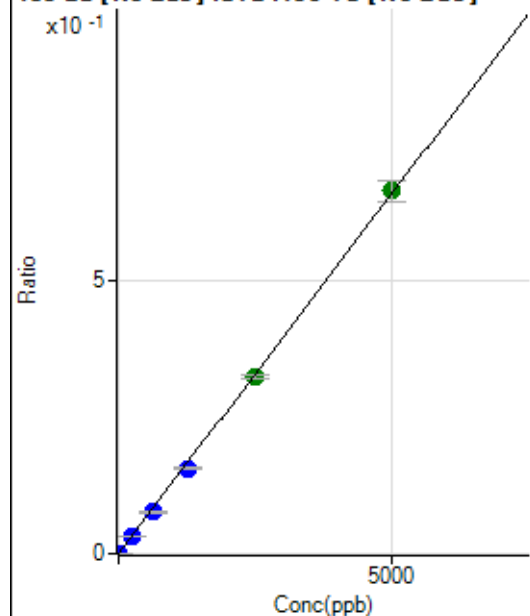
$$R = 0.9999$$

$$DL = 0.006878$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	34.9
2	☐	10.000	9.285	10456.36	0.0012	P	1.2
3	☐	250.000	235.384	263249.08	0.0310	P	1.3
4	☐	625.000	575.050	651984.67	0.0756	P	1.4
5	☐	1250.000	1189.576	1320713.18	0.1565	P	1.0
6	☐	2500.000	2456.843	2730760.53	0.3231	A	2.4
7	☐	5000.000	5043.660	5540399.36	0.6633	A	6.0
8	☐			4513.14	0.0006	P	41.6

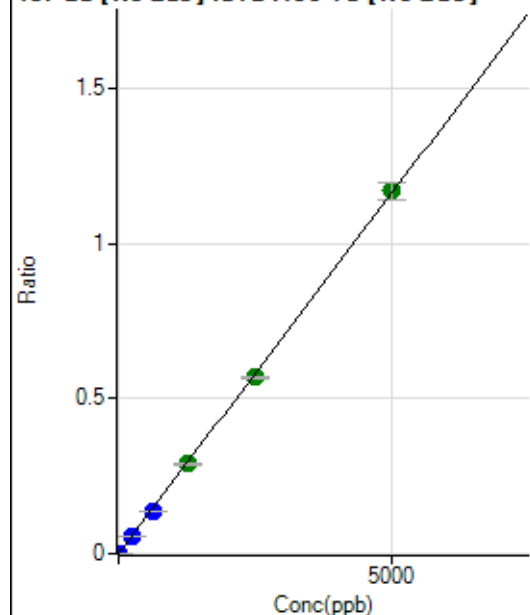
$$y = 1.3152\text{E-}004 * x + 4.5298\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.0361$$

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	73.33	0.0000	P	13.0
2	☐	10.000	9.209	18354.80	0.0022	P	1.7
3	☐	250.000	237.675	470451.52	0.0553	P	0.6
4	☐	625.000	583.123	1170109.73	0.1357	P	1.2
5	☐	1250.000	1241.964	2440406.25	0.2891	A	0.4
6	☐	2500.000	2446.851	4813894.65	0.5695	A	1.5
7	☐	5000.000	5034.436	9790353.12	1.1718	A	5.0
8	☐			8386.64	0.0010	P	39.2

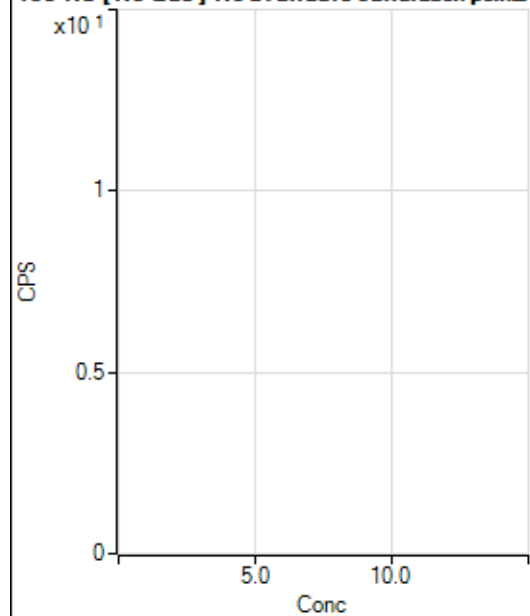
$$y = 2.3276E-004 * x + 8.5475E-006$$

$$R = 0.9999$$

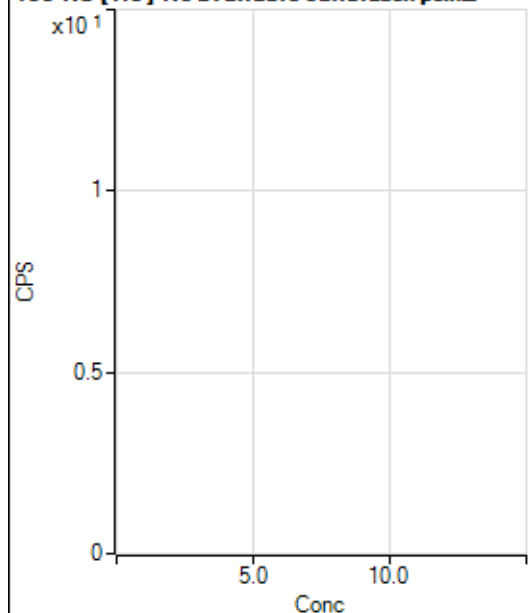
$$DL = 0.01437$$

Weight: <None>

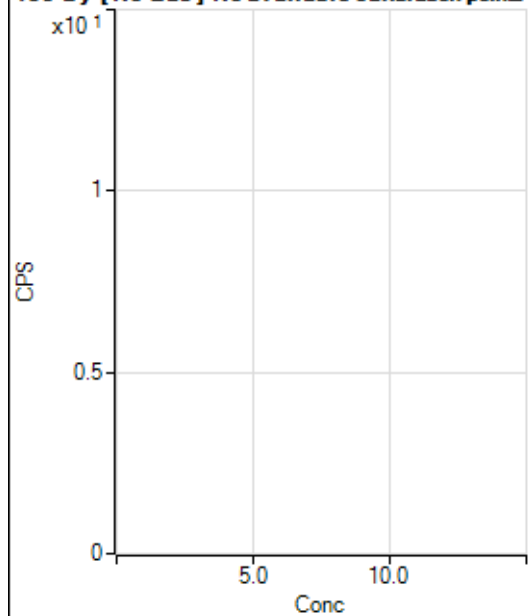
Min Conc: 0

150 Nd [No Gas] No available calibration points

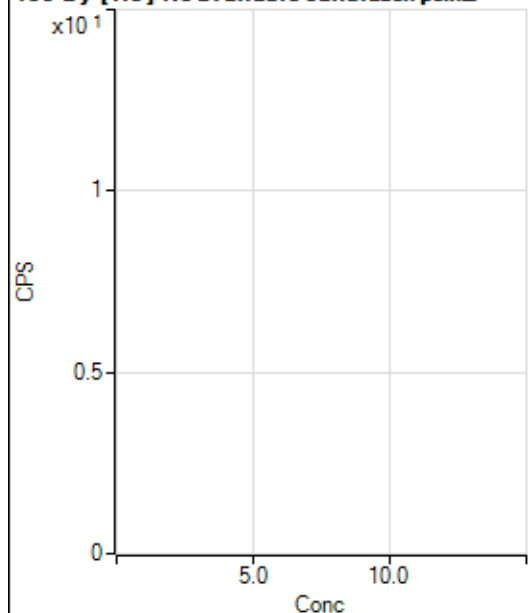
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	50.0
2	☐			10.00		P	66.7
3	☐			33.33		P	10.0
4	☐			73.33		P	7.9
5	☐			108.89		P	17.4
6	☐			211.11		P	7.1
7	☐			380.01		P	5.5
8	☐			183.34		P	1.8

150 Nd [He] No available calibration points

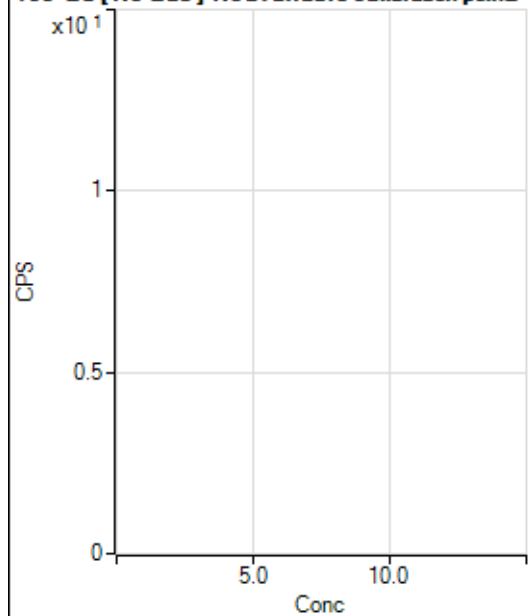
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			4.44		P	43.4
4	☐			11.11		P	62.5
5	☐			15.56		P	32.7
6	☐			33.33		P	26.4
7	☐			58.89		P	6.5
8	☐			62.22		P	57.3

156 Dy [No Gas] No available calibration points

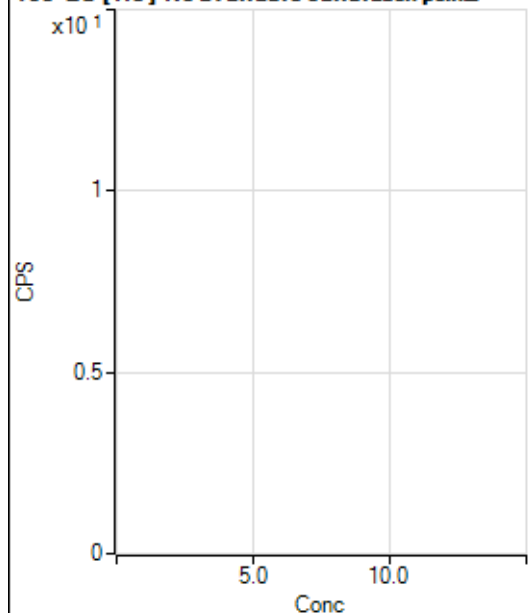
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			10.00		P	88.2
3	☐			25.56		P	30.1
4	☐			41.11		P	33.8
5	☐			86.67		P	6.7
6	☐			197.78		P	8.3
7	☐			355.57		P	15.7
8	☐			994.49		P	13.6

156 Dy [He] No available calibration points

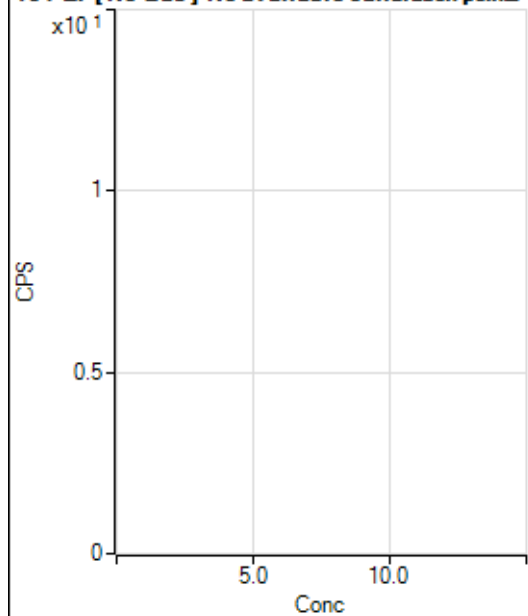
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	86.6
3	☐			8.89		P	57.3
4	☐			23.33		P	49.5
5	☐			47.78		P	10.7
6	☐			96.67		P	21.0
7	☐			191.12		P	15.8
8	☐			456.68		P	9.6

160 Gd [No Gas] Noavailable calibration poin_

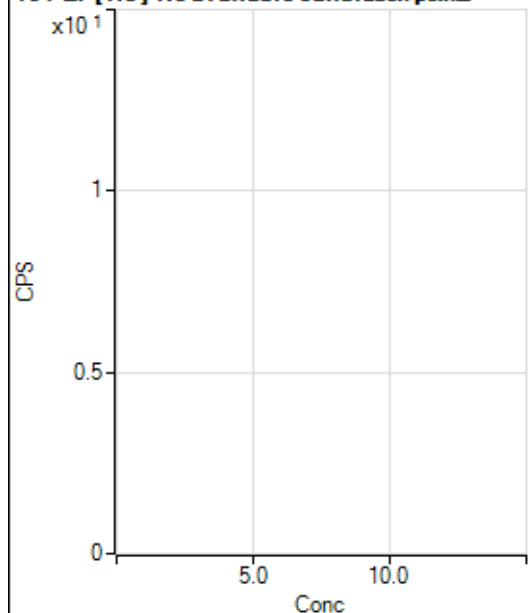
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	38.0
2	☐			73.34		P	20.8
3	☐			58.89		P	31.2
4	☐			87.78		P	8.8
5	☐			116.67		P	14.3
6	☐			185.56		P	17.4
7	☐			352.23		P	5.2
8	☐			1106.72		P	2.1

160 Gd [He] No available calibration points

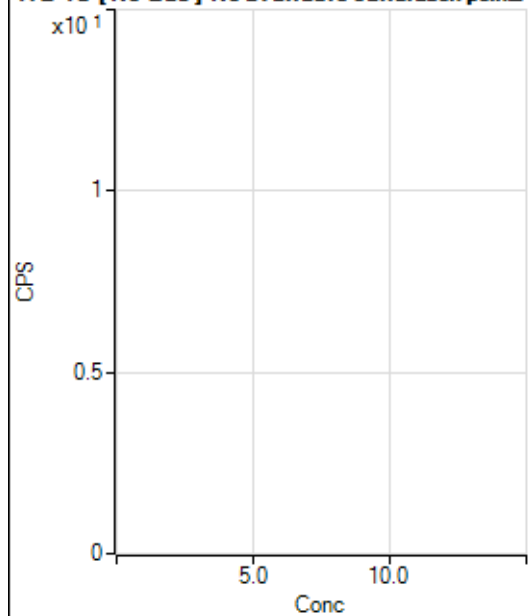
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.44		P	34.4
2	☐			118.89		P	30.0
3	☐			135.56		P	27.0
4	☐			123.34		P	7.1
5	☐			143.34		P	35.2
6	☐			191.12		P	24.1
7	☐			225.56		P	5.6
8	☐			648.91		P	13.4

164 Er [No Gas] No available calibration points

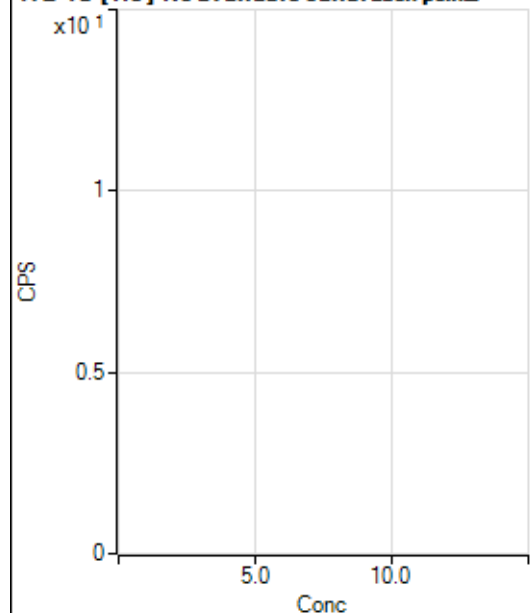
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.45		P	30.3
2	☐			63.34		P	9.1
3	☐			67.78		P	15.0
4	☐			68.89		P	2.8
5	☐			83.33		P	16.0
6	☐			136.67		P	17.1
7	☐			213.34		P	28.5
8	☐			175.56		P	9.0

164 Er [He] No available calibration points

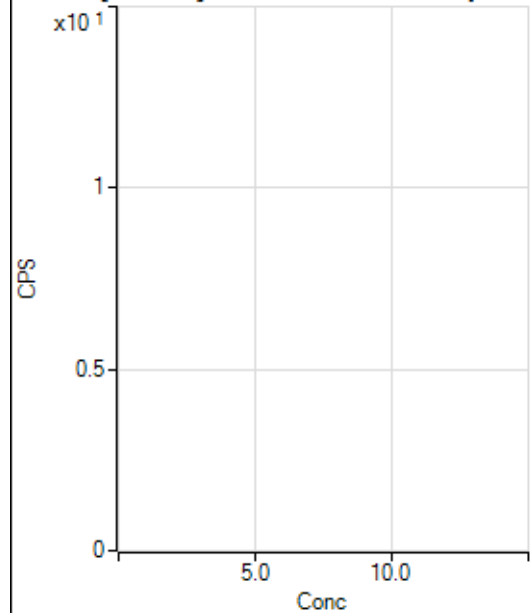
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	20.4
2	☐			17.78		P	10.8
3	☐			23.33		P	51.5
4	☐			22.22		P	52.7
5	☐			31.11		P	12.4
6	☐			52.22		P	9.7
7	☐			63.33		P	21.1
8	☐			75.56		P	10.2

172 Yb [No Gas] No available calibration points

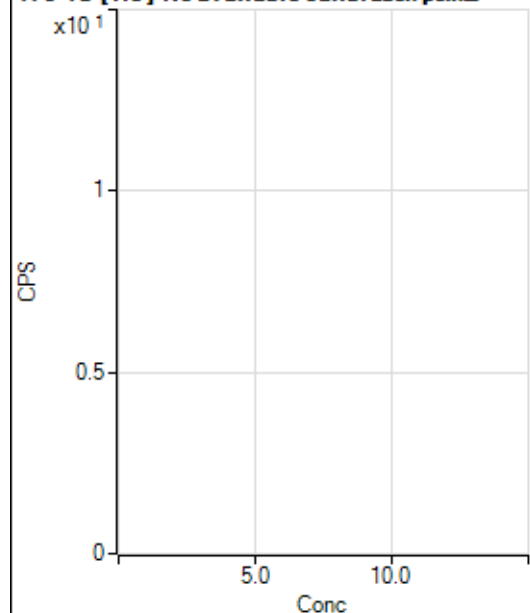
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	8.7
2	☐			48.89		P	10.4
3	☐			47.78		P	4.0
4	☐			53.33		P	22.5
5	☐			87.78		P	9.6
6	☐			102.22		P	16.7
7	☐			160.00		P	18.5
8	☐			135.56		P	15.0

172 Yb [He] No available calibration points

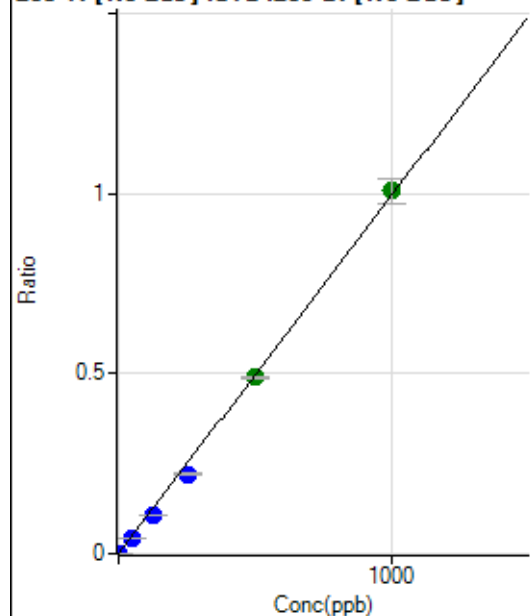
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	51.5
2	☐			23.33		P	65.5
3	☐			37.78		P	48.6
4	☐			34.44		P	14.8
5	☐			38.89		P	27.5
6	☐			54.45		P	24.7
7	☐			78.89		P	4.9
8	☐			53.33		P	25.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1086.72		P	1.9
2	☐			1107.84		P	3.0
3	☐			2165.76		P	2.2
4	☐			3803.92		P	1.1
5	☐			6709.56		P	1.5
6	☐			12440.40		P	2.0
7	☐			24738.78		P	1.2
8	☐			1074.50		P	1.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10400.98		P	16.0
2	☐			11258.22		P	1.8
3	☐			11572.95		P	2.7
4	☐			11989.98		P	2.4
5	☐			12343.67		P	7.7
6	☐			14683.84		P	1.2
7	☐			19247.46		P	1.2
8	☐			10200.72		P	7.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	280.01	0.0000	P	15.2
2	☐	1.000	0.820	5117.72	0.0009	P	3.3
3	☐	50.000	43.323	259478.71	0.0431	P	2.3
4	☐	125.000	108.178	650847.85	0.1076	P	1.4
5	☐	250.000	222.049	1313174.81	0.2207	P	1.1
6	☐	500.000	492.130	2871814.92	0.4892	A	1.5
7	☐	1000.000	1013.359	5753650.68	1.0072	A	6.9
8	☐			3887.37	0.0007	P	39.1

$$y = 9.9390E-004 * x + 4.5923E-005$$

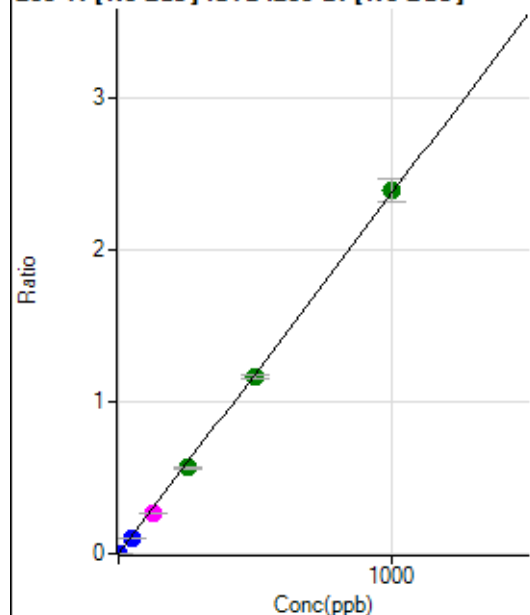
$$R = 0.9995$$

$$DL = 0.02106$$

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	621.13	0.0001	P	8.9
2	☐	1.000	0.865	12770.85	0.0021	P	2.8
3	☐	50.000	43.920	626515.00	0.1041	P	3.0
4	☐	125.000	111.963	1604755.05	0.2652	M	3.6
5	☐	250.000	239.845	3378361.06	0.5680	A	2.3
6	☐	500.000	492.588	6846138.65	1.1663	A	2.0
7	☐	1000.000	1008.178	13636956.88	2.3870	A	6.5
8	☐			9480.66	0.0018	P	39.7

$$y = 0.0024 * x + 1.0238E-004$$

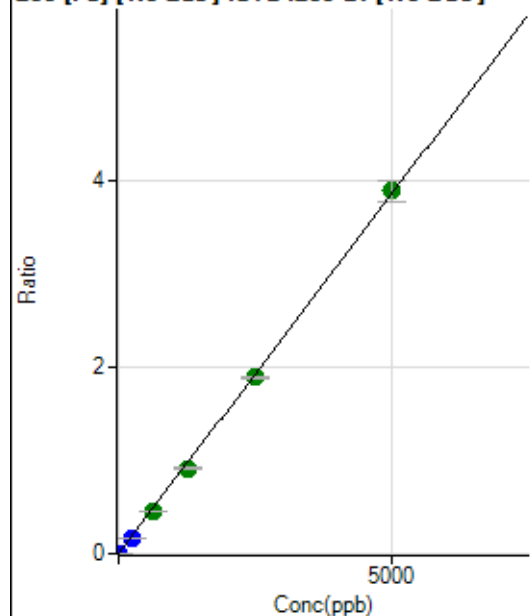
$$R = 0.9999$$

$$DL = 0.01161$$

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	275.56	0.0000	P	8.0
2	☐	1.000	0.890	4342.98	0.0007	P	4.3
3	☐	250.000	216.503	1004170.26	0.1668	P	2.9
4	☐	625.000	592.503	2762076.31	0.4565	A	1.2
5	☐	1250.000	1187.121	5440793.81	0.9145	A	1.0
6	☐	2500.000	2450.058	11079790.39	1.8874	A	1.6
7	☐	5000.000	5046.428	22211346.33	3.8876	A	6.2
8	☐			17712.41	0.0034	P	34.0

$$y = 7.7035E-004 * x + 4.5300E-005$$

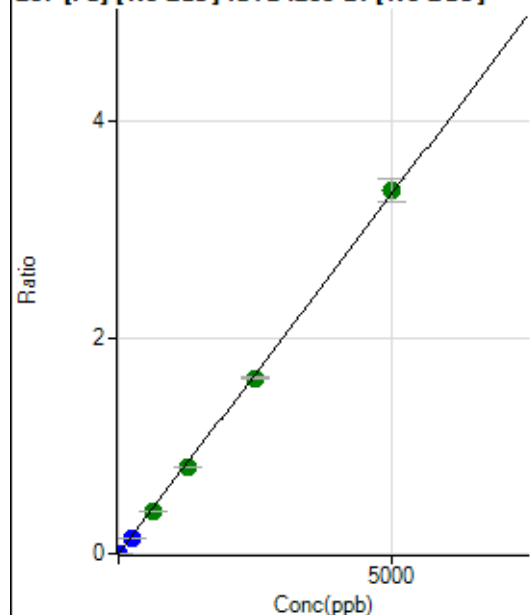
$$R = 0.9998$$

$$DL = 0.01416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	215.56	0.0000	P	8.5
2	☐	1.000	0.897	3753.92	0.0006	P	2.9
3	☐	250.000	218.865	875935.97	0.1455	P	1.9
4	☐	625.000	587.239	2361875.26	0.3903	A	0.4
5	☐	1250.000	1197.739	4735984.27	0.7961	A	0.6
6	☐	2500.000	2439.753	9518555.35	1.6216	A	1.3
7	☐	5000.000	5049.466	19173674.02	3.3561	A	6.5
8	☐			15459.38	0.0029	P	37.4

$$y = 6.6463\text{E-}004 * x + 3.5408\text{E-}005$$

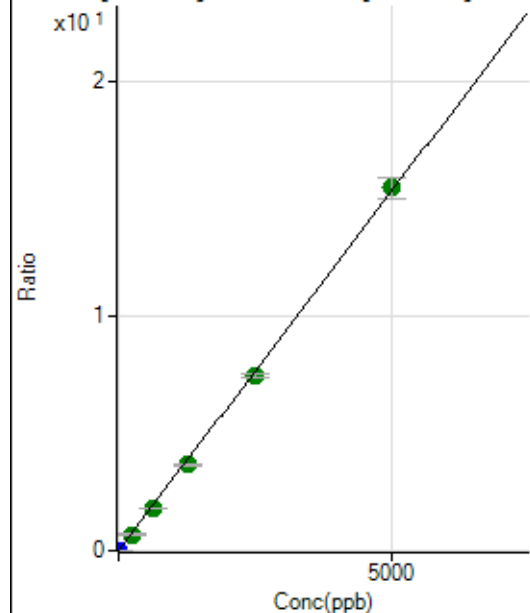
$$R = 0.9998$$

$$DL = 0.01362$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1081.14	0.0002	P	5.7
2	☐	1.000	0.883	17130.12	0.0029	P	3.6
3	☐	250.000	227.307	4194334.48	0.6967	A	1.6
4	☐	625.000	585.534	10857629.40	1.7943	A	0.6
5	☐	1250.000	1195.291	21789617.35	3.6627	A	1.0
6	☐	2500.000	2442.091	43923701.22	7.4831	A	2.0
7	☐	5000.000	5048.700	88392697.43	15.4702	A	6.0
8	☐			70756.99	0.0134	P	35.5

$$y = 0.0031 * x + 1.7769\text{E-}004$$

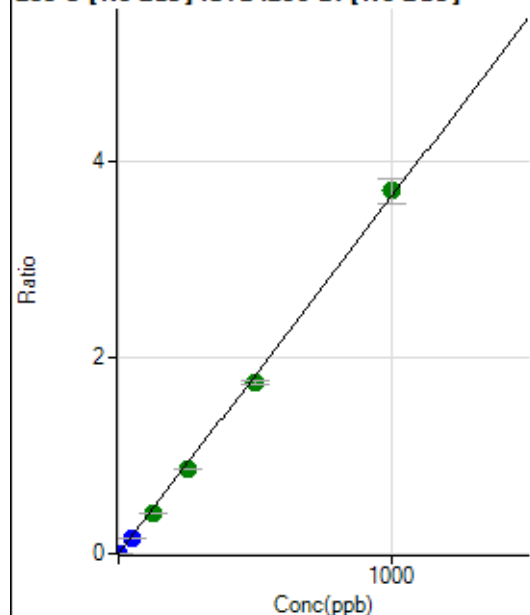
$$R = 0.9998$$

$$DL = 0.009838$$

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	128.89	0.0000	P	12.5
2	☐	1.000	0.804	17532.22	0.0029	P	2.0
3	☐	50.000	42.292	927331.05	0.1540	P	2.2
4	☐	125.000	113.298	2496839.41	0.4126	A	1.6
5	☐	250.000	235.402	5100632.63	0.8573	A	0.5
6	☐	500.000	478.958	10239236.10	1.7444	A	1.5
7	☐	1000.000	1016.019	21136948.99	3.7003	A	6.7
8	☐			12269.63	0.0023	P	51.3

$$y = 0.0036 * x + 2.1209E-005$$

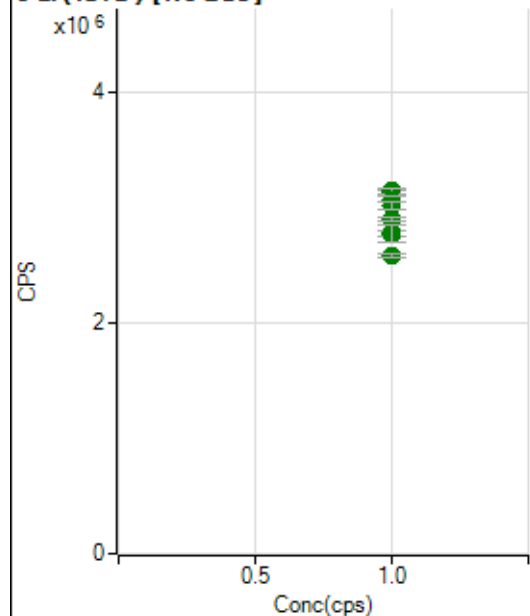
$$R = 0.9995$$

$$DL = 0.002175$$

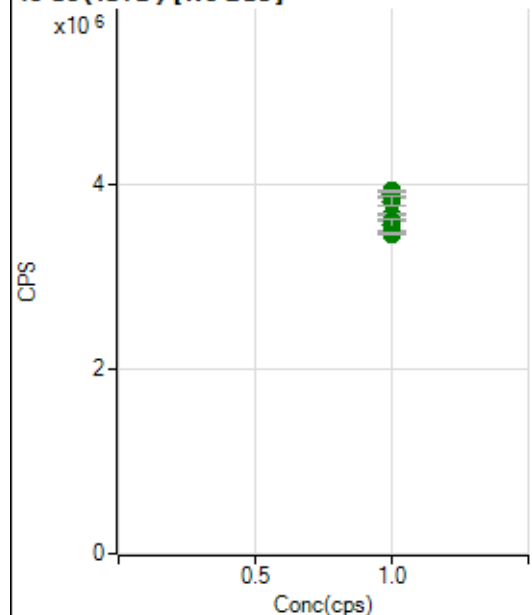
Weight: <None>

Min Conc: 0

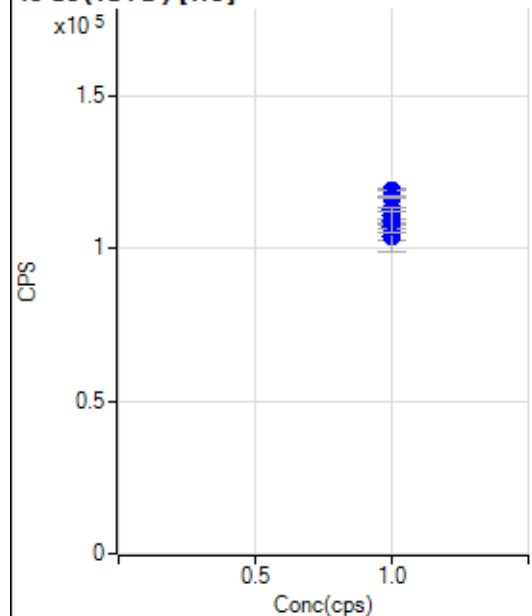
6 Li (ISTD) [No Gas]



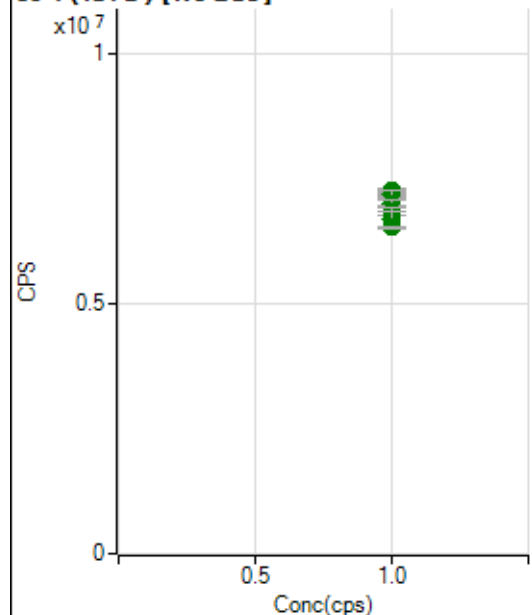
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3133156.02		A	1.8
2	☐	1.000		3149550.43		A	1.4
3	☐	1.000		3079159.41		A	1.5
4	☐	1.000		3017609.00		A	2.1
5	☐	1.000		2901884.59		A	1.2
6	☐	1.000		2780574.86		A	1.4
7	☐	1.000		2774485.15		A	5.6
8	☐	1.000		2593882.04		A	1.3

45 Sc (ISTD) [No Gas]

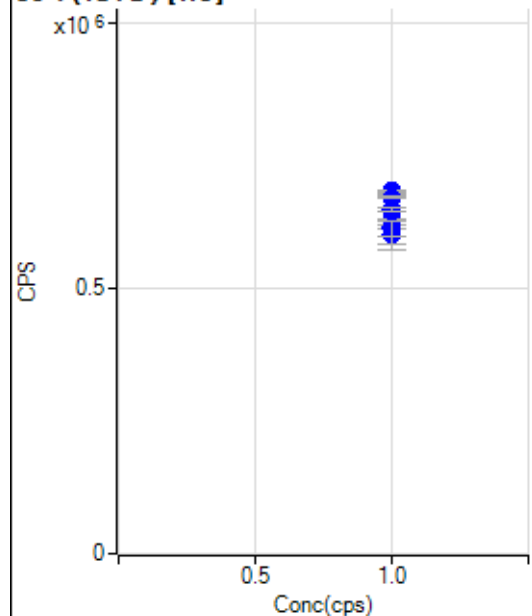
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3920989.39		A	1.8
2	☐	1.000		3907918.45		A	2.0
3	☐	1.000		3940259.11		A	0.8
4	☐	1.000		3832009.35		A	2.2
5	☐	1.000		3684935.02		A	1.0
6	☐	1.000		3610841.06		A	0.4
7	☐	1.000		3569859.74		A	3.8
8	☐	1.000		3477015.44		A	1.0

45 Sc (ISTD) [He]

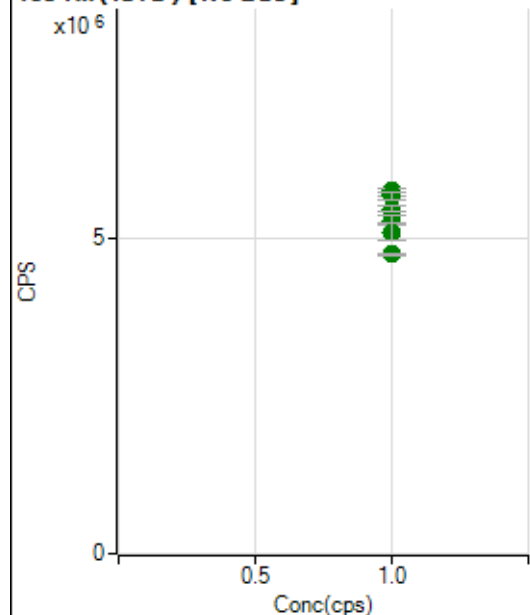
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		111055.23		P	15.3
2	☐	1.000		118884.01		P	0.1
3	☐	1.000		116840.65		P	0.4
4	☐	1.000		112941.07		P	0.9
5	☐	1.000		104245.59		P	10.3
6	☐	1.000		108086.20		P	0.8
7	☐	1.000		107072.52		P	1.5
8	☐	1.000		108700.09		P	6.1

89 Y (ISTD) [No Gas]

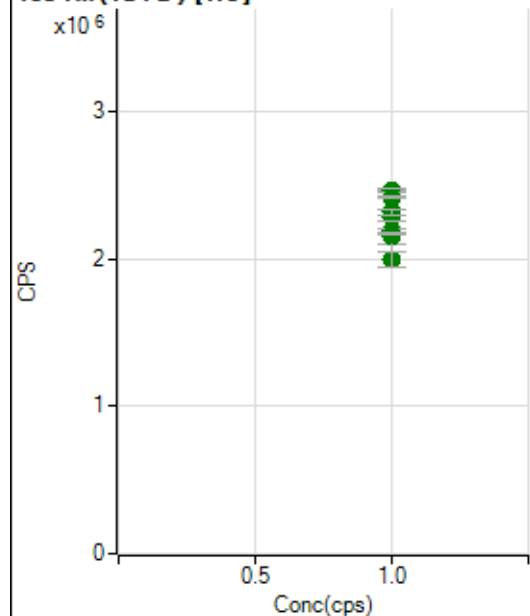
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7256445.38		A	0.9
2	☐	1.000		7215388.09		A	0.7
3	☐	1.000		7202767.81		A	1.0
4	☐	1.000		7193524.55		A	2.1
5	☐	1.000		7015025.10		A	1.6
6	☐	1.000		6848970.52		A	1.9
7	☐	1.000		6698250.11		A	4.9
8	☐	1.000		6520090.53		A	0.3

89 Y (ISTD) [He]

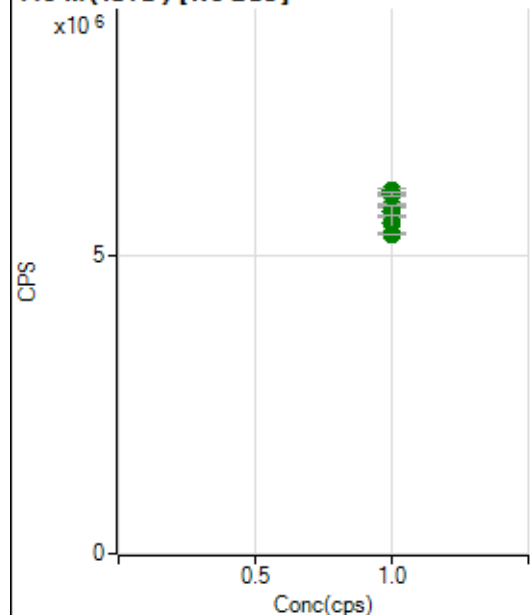
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		629867.71		P	15.2
2	☐	1.000		684068.19		P	0.7
3	☐	1.000		671924.46		P	0.7
4	☐	1.000		649265.43		P	1.0
5	☐	1.000		602842.09		P	9.9
6	☐	1.000		615692.10		P	1.3
7	☐	1.000		613028.63		P	0.4
8	☐	1.000		613232.92		P	5.1

103 Rh (ISTD) [No Gas]

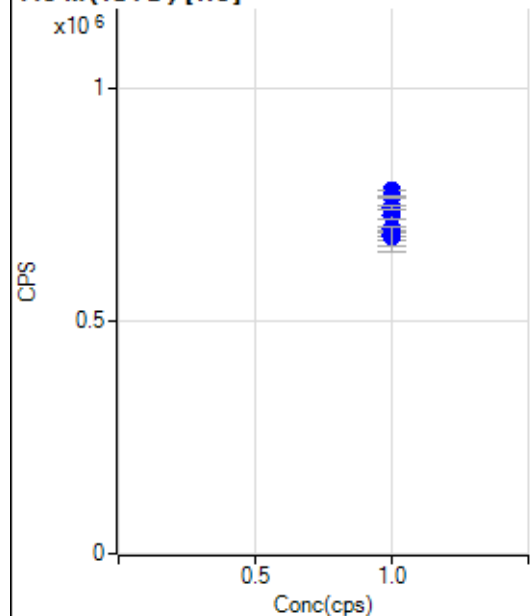
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5734857.28		A	0.4
2	☐	1.000		5755868.53		A	1.2
3	☐	1.000		5707850.26		A	1.5
4	☐	1.000		5684799.85		A	2.0
5	☐	1.000		5465591.90		A	1.7
6	☐	1.000		5285330.58		A	2.6
7	☐	1.000		5109802.08		A	5.6
8	☐	1.000		4746087.43		A	1.0

103 Rh (ISTD) [He]

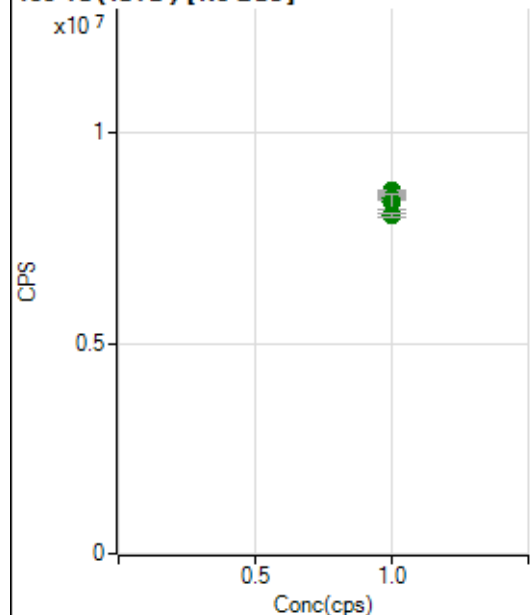
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2280662.17		A	15.7
2	☐	1.000		2458239.79		A	1.0
3	☐	1.000		2412536.79		A	0.4
4	☐	1.000		2315258.30		A	1.7
5	☐	1.000		2147871.55		A	10.0
6	☐	1.000		2189927.61		A	1.6
7	☐	1.000		2166565.65		A	0.7
8	☐	1.000		1997696.45		A	5.2

115 In (ISTD) [No Gas]

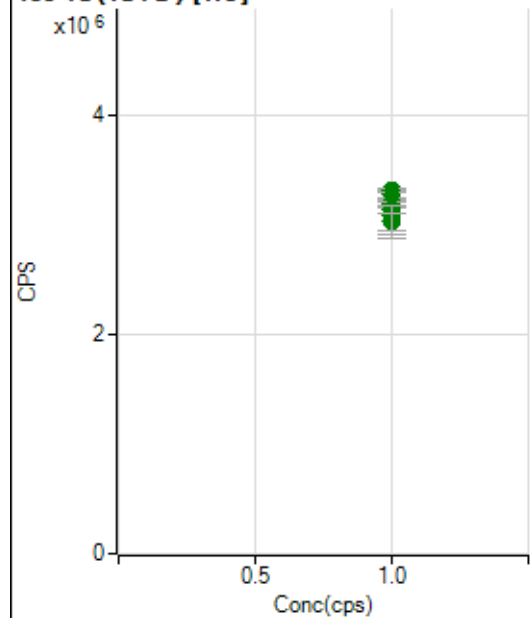
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6031485.83		A	0.8
2	☐	1.000		6078942.19		A	1.9
3	☐	1.000		6054027.84		A	1.9
4	☐	1.000		6023676.48		A	0.9
5	☐	1.000		5843313.22		A	1.0
6	☐	1.000		5726588.17		A	3.4
7	☐	1.000		5533819.35		A	5.5
8	☐	1.000		5345298.71		A	0.3

115 In (ISTD) [He]

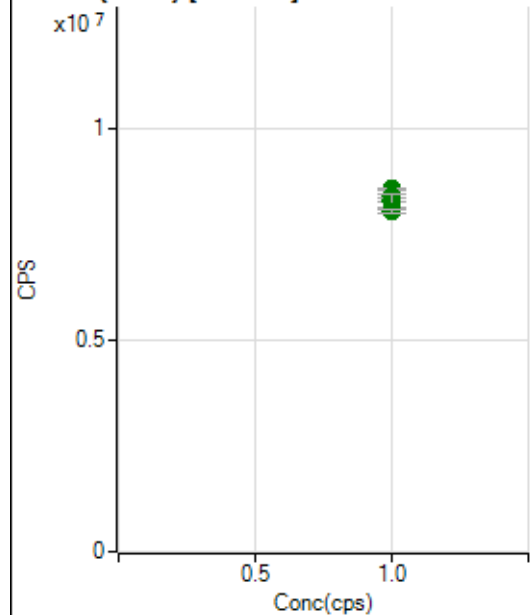
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		728842.24		P	15.2
2	☐	1.000		780878.21		P	0.1
3	☐	1.000		767926.62		P	0.4
4	☐	1.000		745361.47		P	0.8
5	☐	1.000		685937.28		P	10.3
6	☐	1.000		699125.64		P	1.4
7	☐	1.000		687348.71		P	1.4
8	☐	1.000		683399.42		P	5.9

159 Tb (ISTD) [No Gas]

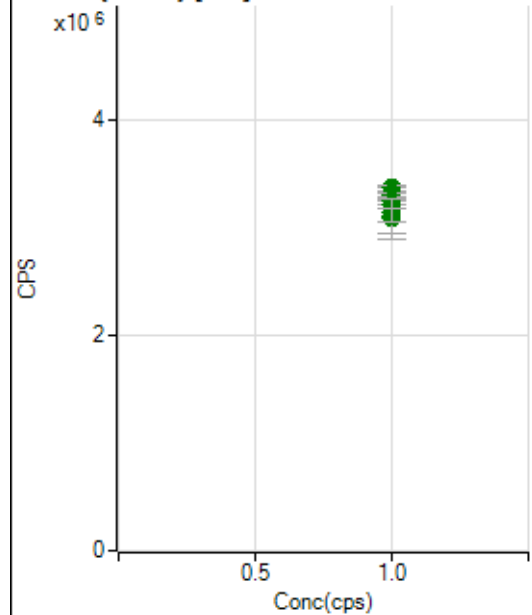
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8587808.14		A	1.1
2	☐	1.000		8530485.43		A	1.3
3	☐	1.000		8503045.01		A	1.3
4	☐	1.000		8620869.73		A	0.8
5	☐	1.000		8441781.47		A	0.7
6	☐	1.000		8452884.60		A	1.6
7	☐	1.000		8366356.47		A	4.2
8	☐	1.000		8055789.46		A	1.2

159 Tb (ISTD) [He]

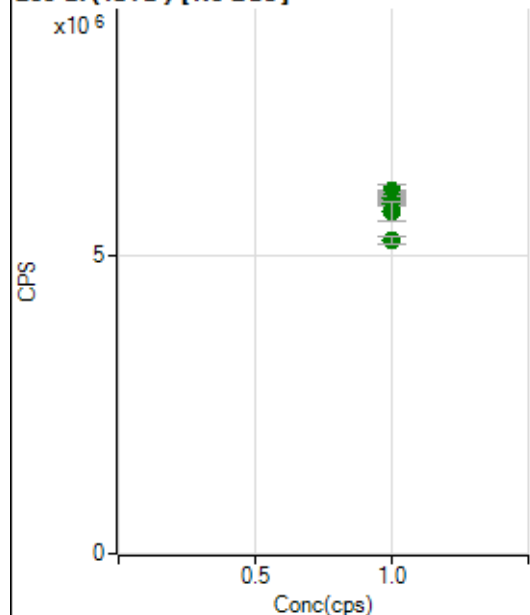
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3090746.93		A	14.3
2	☐	1.000		3308087.31		A	1.1
3	☐	1.000		3275434.53		A	1.6
4	☐	1.000		3238183.22		A	0.3
5	☐	1.000		3078271.01		A	10.7
6	☐	1.000		3189082.35		A	1.6
7	☐	1.000		3138667.66		A	2.1
8	☐	1.000		3027850.20		A	5.3

165 Ho (ISTD) [No Gas]

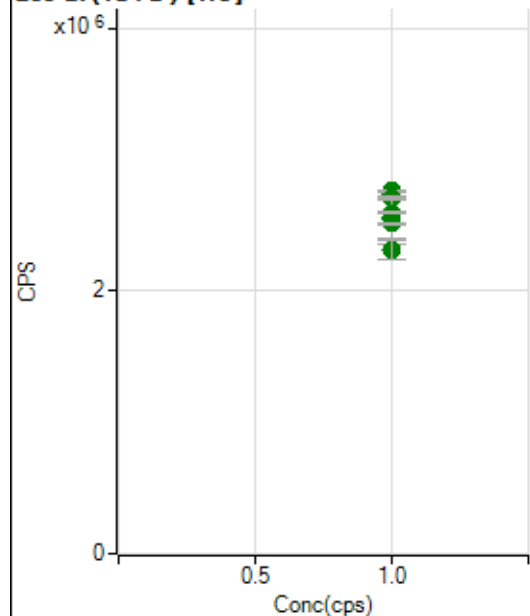
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8380016.13		A	0.1
2	☐	1.000		8374940.99		A	1.9
3	☐	1.000		8476003.42		A	2.6
4	☐	1.000		8580077.79		A	0.7
5	☐	1.000		8412554.74		A	0.6
6	☐	1.000		8315110.43		A	0.8
7	☐	1.000		8295048.49		A	3.9
8	☐	1.000		8045545.16		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3143085.80		A	15.4
2	☐	1.000		3375908.11		A	1.6
3	☐	1.000		3321127.49		A	1.9
4	☐	1.000		3309502.76		A	0.7
5	☐	1.000		3101740.20		A	10.0
6	☐	1.000		3255910.37		A	1.7
7	☐	1.000		3229114.29		A	2.7
8	☐	1.000		3113709.81		A	4.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6076966.65		A	3.3
2	☐	1.000		5945464.08		A	3.3
3	☐	1.000		6022039.77		A	2.5
4	☐	1.000		6051044.08		A	0.5
5	☐	1.000		5949405.40		A	1.3
6	☐	1.000		5870477.76		A	1.0
7	☐	1.000		5726779.36		A	5.7
8	☐	1.000		5240743.92		A	2.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2563367.42		A	15.9
2	☐	1.000		2740364.34		A	1.6
3	☐	1.000		2763897.88		A	0.7
4	☐	1.000		2717484.20		A	0.8
5	☐	1.000		2546087.08		A	11.4
6	☐	1.000		2597435.24		A	0.7
7	☐	1.000		2516245.61		A	0.8
8	☐	1.000		2313045.52		A	6.2