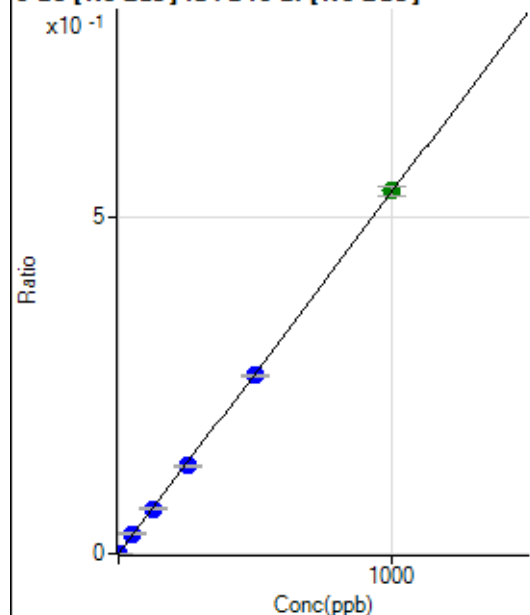


Calibration for 004CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8010422-MS.b\
 Analysis File: P8010422-MS.batch.bin
 DA Date-Time: 2022-01-04 16:47:53
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-01-04 13:55:54
2	005CALS.d	S02	2022-01-04 14:02:04
3	006CALS.d	S03	2022-01-04 14:05:09
4	007CALS.d	S04	2022-01-04 14:08:12
5	008CALS.d	S05	2022-01-04 14:11:18
6	009CALS.d	S06	2022-01-04 14:14:22
7	010CALS.d	S07	2022-01-04 14:17:28
8	011CALS.d	S08	2022-01-04 14:20:31

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.65	0.0000	P	14.4
2	☐	1.000	0.929	1243.15	0.0005	P	5.9
3	☐	50.000	54.242	62833.16	0.0292	P	7.7
4	☐	125.000	123.710	160430.57	0.0665	P	3.4
5	☐	250.000	243.637	322451.66	0.1309	P	2.0
6	☐	500.000	493.532	651613.78	0.2651	P	1.0
7	☐	1000.000	1004.774	1310976.17	0.5396	A	3.0
8	☐			817.20	0.0003	P	2.4

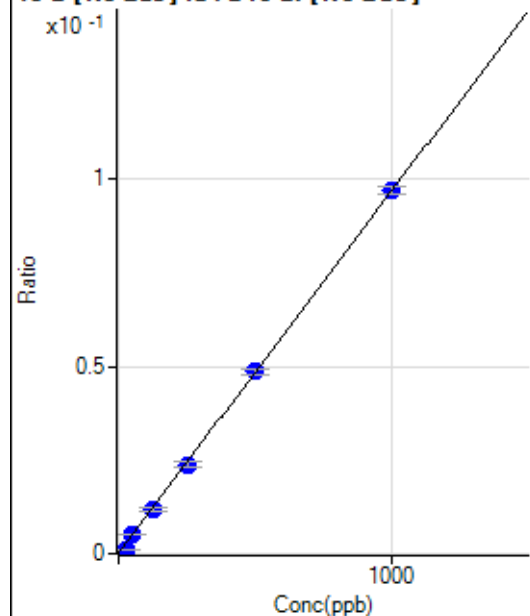
$$y = 5.3700\text{E-}004 * x + 3.3150\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02664$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	381.93	0.0002	P	7.3
2	☐	25.000	10.502	2759.72	0.0012	P	0.9
3	☐	50.000	51.144	11017.33	0.0051	P	8.5
4	☐	125.000	120.166	28412.57	0.0118	P	5.1
5	☐	250.000	245.269	58726.80	0.0239	P	8.1
6	☐	500.000	501.516	119561.06	0.0486	P	3.3
7	☐	1000.000	1001.334	235496.06	0.0969	P	2.1
8	☐			32927.76	0.0137	P	7.1

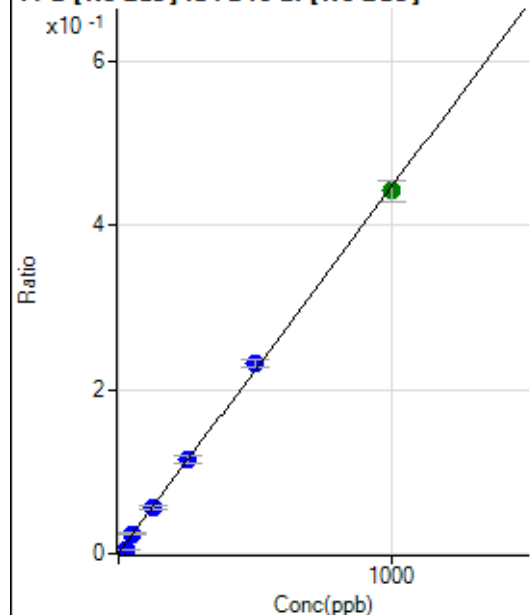
$$y = 9.6586\text{E-}005 * x + 1.6511\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3738$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1960.42	0.0008	P	3.4
2	☐	25.000	10.990	13440.88	0.0057	P	3.3
3	☐	50.000	53.189	52997.92	0.0245	P	6.5
4	☐	125.000	126.240	137763.88	0.0571	P	7.4
5	☐	250.000	254.930	281673.91	0.1144	P	7.7
6	☐	500.000	519.244	571047.48	0.2321	P	4.3
7	☐	1000.000	989.182	1073471.29	0.4414	A	5.6
8	☐			153402.43	0.0638	P	5.7

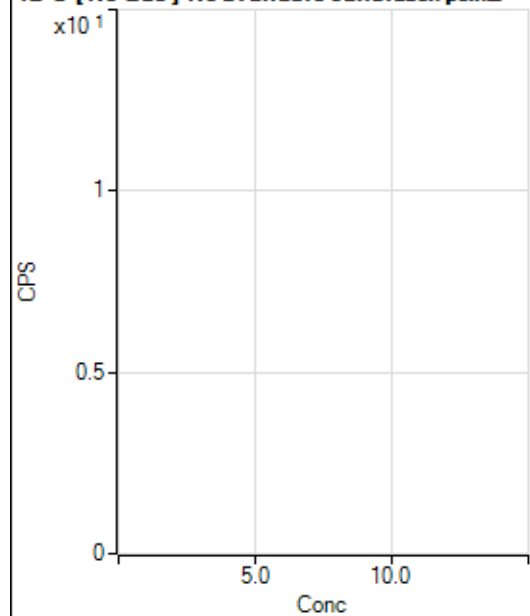
$$y = 4.4542\text{E-}004 * x + 8.4722\text{E-}004$$

$$R = 0.9995$$

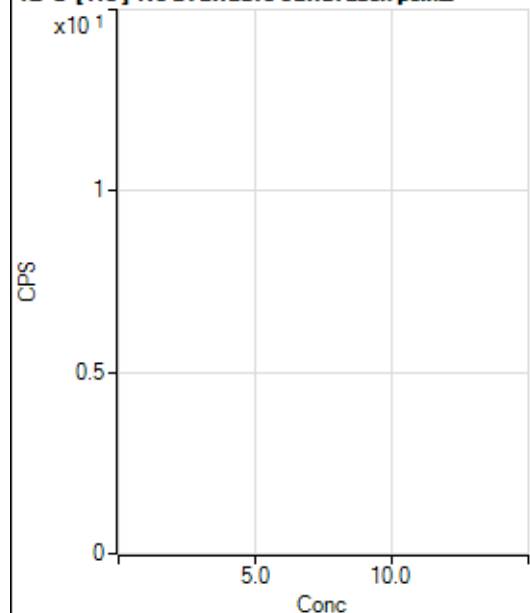
$$DL = 0.1927$$

Weight: <None>

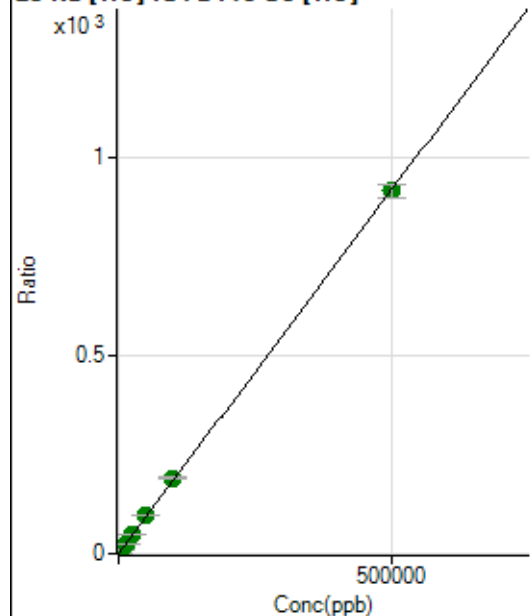
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4991212.35		A	1.4
2	☐			5066123.64		A	0.9
3	☐			6067735.29		A	2.8
4	☐			6378394.20		A	3.5
5	☐			6550035.74		A	4.7
6	☐			6964959.83		A	2.6
7	☐			7214036.79		A	4.2
8	☐			6619572.94		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44903.00		P	2.7
2	☐			45142.44		P	2.4
3	☐			58480.96		P	1.8
4	☐			60589.26		P	1.1
5	☐			63900.55		P	0.5
6	☐			67564.45		P	1.2
7	☐			70162.77		P	1.2
8	☐			64333.16		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11321.36	0.0882	P	1.3
2	☐	500.000	428.224	112784.43	0.8736	P	1.3
3	☐	5000.000	4913.702	1216965.78	9.1001	A	1.6
4	☐	12500.000	12852.780	3072050.28	23.6605	A	0.5
5	☐	25000.000	27096.689	6021291.93	49.7841	A	4.0
6	☐	50000.000	52876.263	12350756.53	97.0643	A	1.1
7	☐	100000.00	104040.35	22726066.65	190.9003	A	2.1
8	☐	500000.00	498791.58	108996292.7	914.8816	A	3.6

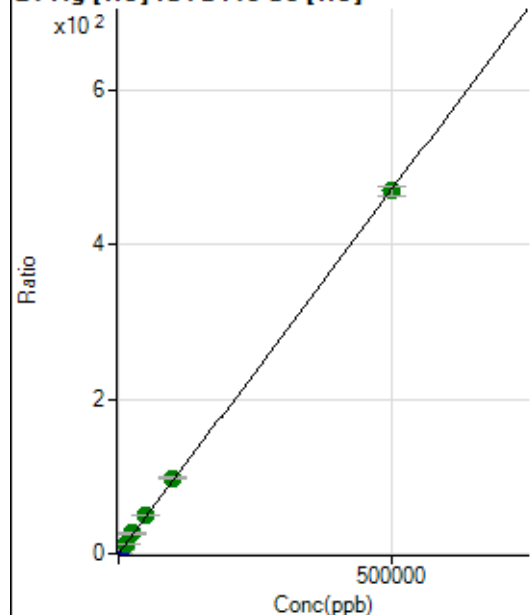
$$y = 0.0018 * x + 0.0882$$

$$R = 0.9999$$

$$DL = 1.91$$

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	361.12	0.0028	P	27.1
2	☐	500.000	431.578	52868.67	0.4095	P	1.9
3	☐	5000.000	4779.711	602709.43	4.5072	P	2.1
4	☐	12500.000	13055.689	1597837.78	12.3064	A	0.9
5	☐	25000.000	27817.787	3171155.78	26.2181	A	3.8
6	☐	50000.000	52769.213	6328270.84	49.7322	A	2.4
7	☐	100000.00	103477.55	11609204.43	97.5193	A	2.3
8	☐	500000.00	498875.05	56019738.06	470.1392	A	2.3

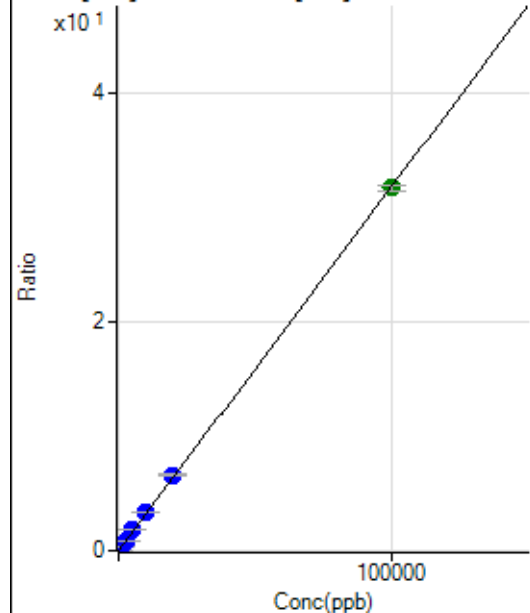
$$y = 9.4239E-004 * x + 0.0028$$

$$R = 1.0000$$

$$DL = 2.423$$

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	135.82	0.0011	P	15.8
2	☐	20.000	15.798	785.34	0.0061	P	3.5
3	☐	1000.000	1073.613	45785.30	0.3424	P	3.2
4	☐	2500.000	2576.009	106480.48	0.8202	P	0.3
5	☐	5000.000	5710.104	219721.80	1.8167	P	4.0
6	☐	10000.000	10689.647	432633.07	3.4000	P	1.0
7	☐	20000.000	20773.933	786375.42	6.6065	P	2.6
8	☐	100000.00	99738.108	3779377.84	31.7148	A	1.5

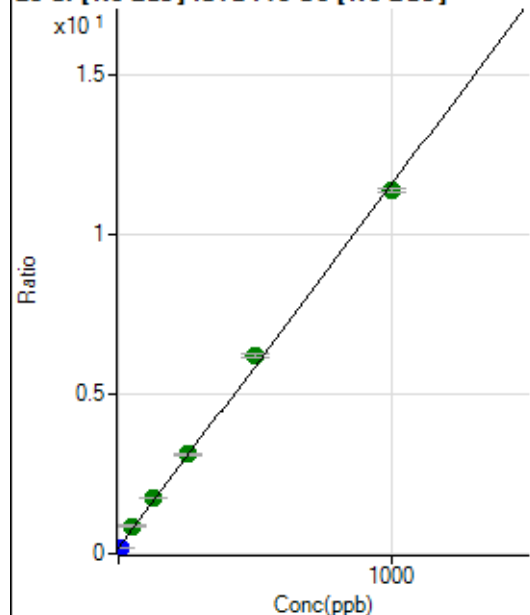
$$y = 3.1797E-004 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 1.58$$

Weight: <None>

Min Conc: 0

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

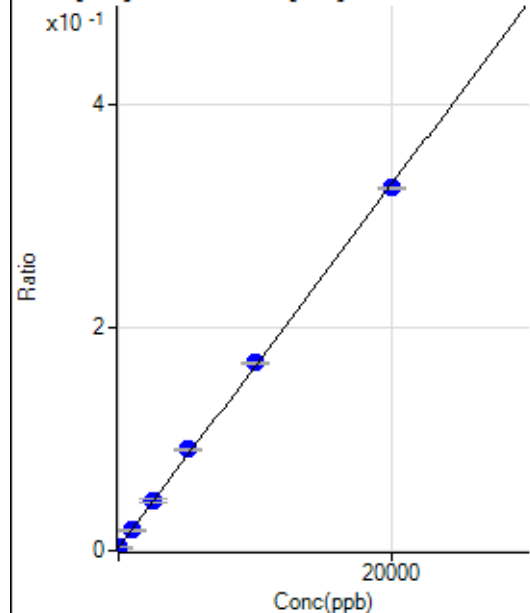
$$y = 0.0114 * x + 0.1880$$

$$R = 0.9992$$

$$DL = 0.9395$$

Weight: <None>

Min Conc: 0

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

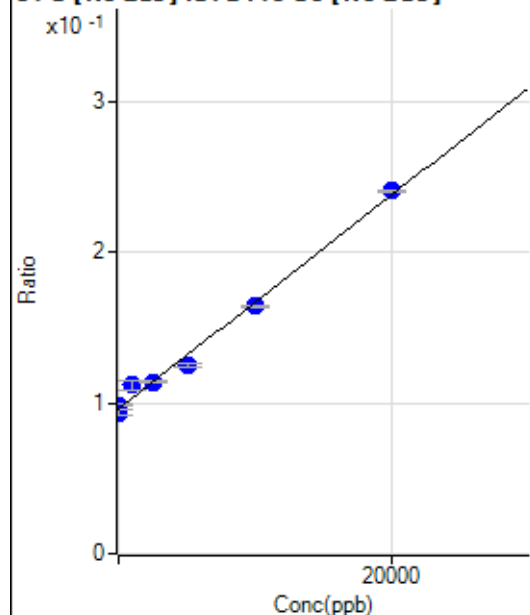
$$y = 1.6296E-005 * x + 0.0027$$

$$R = 0.9997$$

$$DL = 61.95$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	345.039	379085.67	0.0986	P	1.7
2	☐	0.000	-345.039	376609.03	0.0937	P	2.9
3	☐	1000.000	2185.513	416822.48	0.1117	P	6.1
4	☐	2500.000	2526.897	459042.76	0.1141	P	1.2
5	☐	5000.000	4015.447	523841.99	0.1246	P	1.7
6	☐	10000.000	9623.369	676509.79	0.1644	P	0.7
7	☐	20000.000	20371.816	949287.49	0.2407	P	0.6
8	☐			348738.65	0.0901	P	2.2

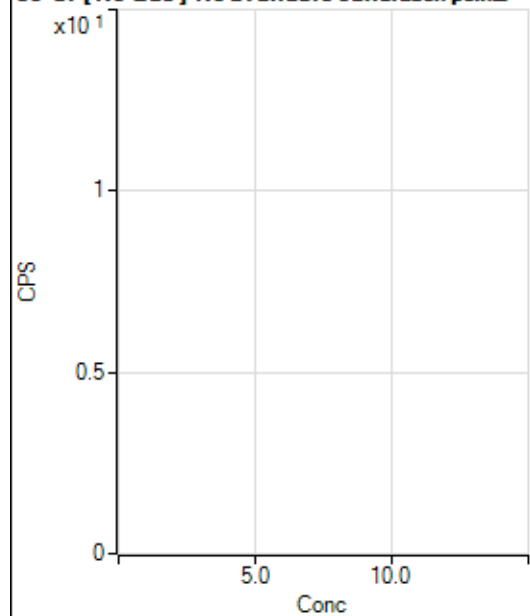
$$y = 7.0934E-006 * x + 0.0961$$

R = 0.9955

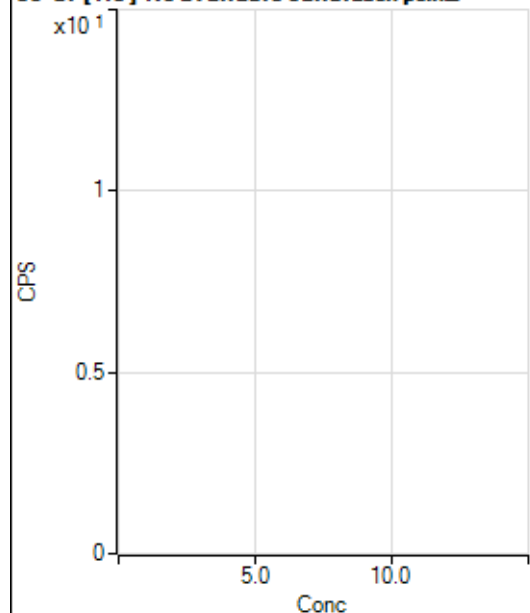
DL = 917.2

Weight: <None>

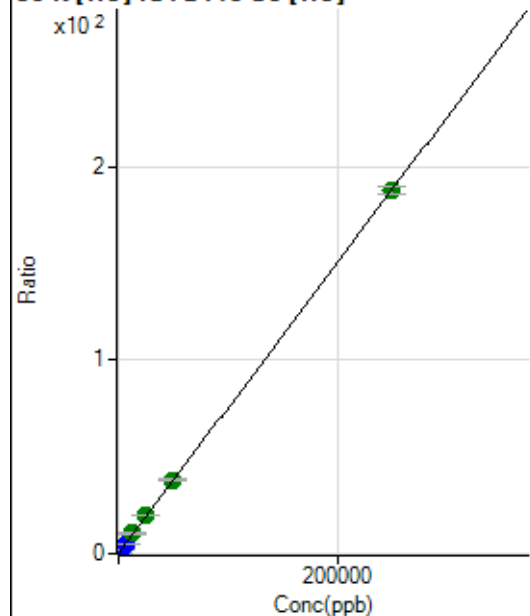
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			502345.37		P	0.6
2	☐			456438.73		P	0.8
3	☐			437751.68		P	2.0
4	☐			400715.24		P	0.8
5	☐			391824.53		P	0.6
6	☐			377244.97		P	0.7
7	☐			386296.91		P	0.2
8	☐			369208.61		P	0.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3447.74		P	5.4
2	☐			3164.31		P	2.0
3	☐			2897.59		P	3.5
4	☐			2589.20		P	1.9
5	☐			2650.32		P	8.9
6	☐			2425.27		P	8.3
7	☐			2378.03		P	6.8
8	☐			2303.02		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18045.03	0.1406	P	0.6
2	☐	500.000	438.387	60613.76	0.4695	P	1.5
3	☐	2500.000	2389.927	258534.50	1.9335	P	2.8
4	☐	6250.000	6237.634	625758.26	4.8201	P	0.8
5	☐	12500.000	13854.550	1274611.59	10.5342	A	2.6
6	☐	25000.000	26130.534	2512275.38	19.7436	A	1.4
7	☐	50000.000	50462.496	4523534.56	37.9972	A	1.9
8	☐	250000.00	249728.25	22342390.60	187.4849	A	2.1

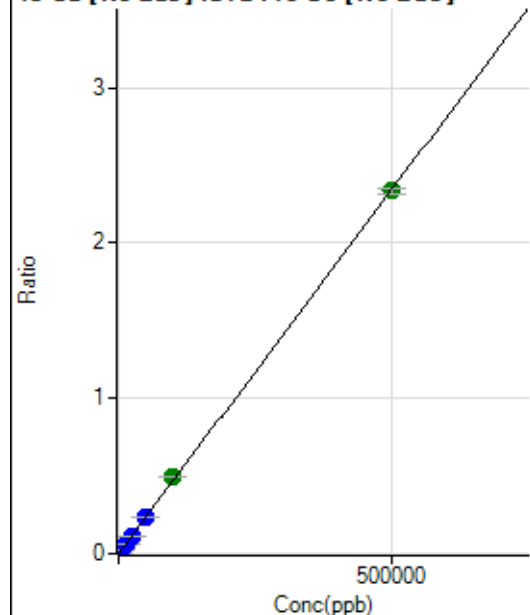
$$y = 7.5019\text{E-}004 * x + 0.1406$$

$$R = 1.0000$$

$$DL = 3.346$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	509.53	0.0001	P	5.6
2	☐	500.000	401.357	8086.70	0.0020	P	1.8
3	☐	5000.000	5337.928	93789.06	0.0251	P	6.1
4	☐	12500.000	12471.271	235513.69	0.0585	P	0.8
5	☐	25000.000	24177.224	476279.53	0.1133	P	2.7
6	☐	50000.000	50779.301	978816.01	0.2379	P	0.5
7	☐	100000.00	105743.55	1953200.63	0.4952	A	1.3
8	☐	500000.00	498811.93	9042174.95	2.3354	A	1.7

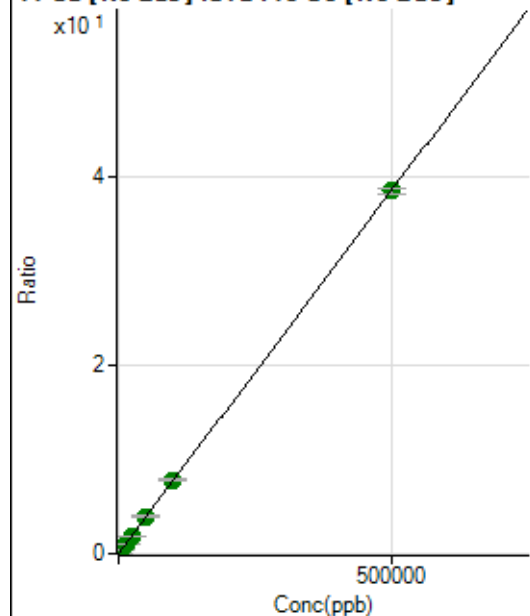
$$y = 4.6817\text{E-}006 * x + 1.3255\text{E-}004$$

$$R = 0.9999$$

$$DL = 4.767$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22519.43	0.0059	P	1.6
2	☐	500.000	406.893	149843.20	0.0373	P	2.4
3	☐	5000.000	5603.189	1636188.60	0.4385	A	7.8
4	☐	12500.000	12808.882	4004096.97	0.9950	A	1.1
5	☐	25000.000	24616.315	8015428.55	1.9068	A	1.8
6	☐	50000.000	51468.117	16378793.41	3.9803	A	0.6
7	☐	100000.00	101240.24	30859577.81	7.8237	A	2.0
8	☐	500000.00	499610.66	149402674.9	38.5863	A	1.7

$$y = 7.7221\text{E-}005 * x + 0.0059$$

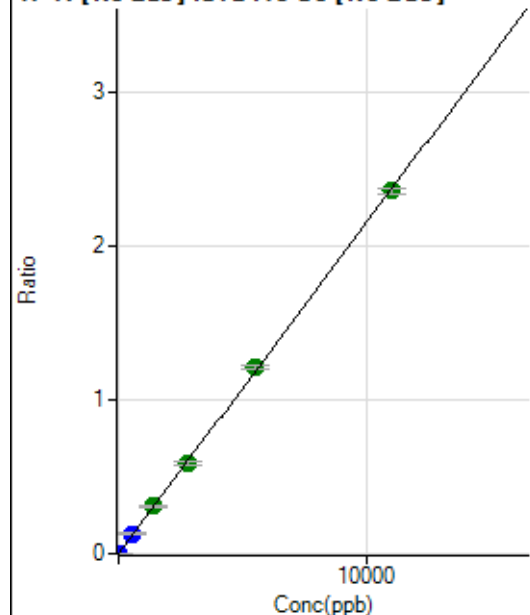
$$R = 1.0000$$

$$DL = 3.594$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.45	0.0001	P	30.6
2	☐	5.000	4.319	3970.09	0.0010	P	5.6
3	☐	550.000	605.578	486660.22	0.1304	P	6.4
4	☐	1375.000	1428.888	1237569.40	0.3075	A	1.3
5	☐	2750.000	2707.307	2448458.67	0.5826	A	3.6
6	☐	5500.000	5610.795	4967657.75	1.2074	A	2.3
7	☐	11000.000	10945.761	9290334.06	2.3554	A	1.3
8	☐			3659.09	0.0009	P	1.5

$$y = 2.1518E-004 * x + 5.7007E-005$$

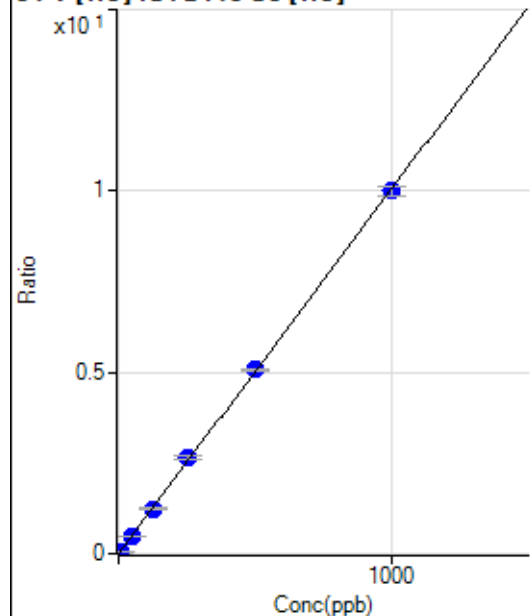
$$R = 0.9999$$

$$DL = 0.2432$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0001	P	15.4
2	☐	5.000	4.426	5755.66	0.0446	P	3.1
3	☐	50.000	47.537	63895.25	0.4779	P	4.1
4	☐	125.000	123.764	161535.23	1.2442	P	0.6
5	☐	250.000	261.399	317835.74	2.6277	P	3.8
6	☐	500.000	504.569	645393.03	5.0721	P	1.7
7	☐	1000.000	995.146	1190711.41	10.0035	P	2.6
8	☐			553.35	0.0046	P	15.2

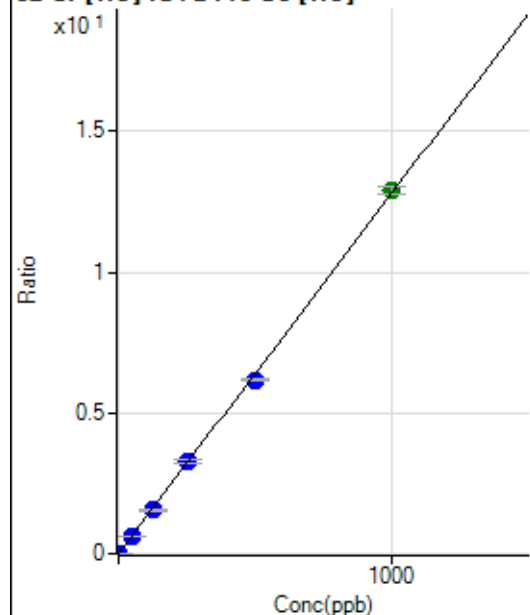
$$y = 0.0101 * x + 9.5211E-005$$

$$R = 0.9999$$

$$DL = 0.004389$$

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	722.25	0.0056	P	10.0
2	☐	2.000	1.774	3652.73	0.0283	P	2.9
3	☐	50.000	46.296	79830.17	0.5971	P	4.2
4	☐	125.000	120.035	199865.99	1.5393	P	0.9
5	☐	250.000	256.417	396814.97	3.2819	P	4.9
6	☐	500.000	482.599	785308.62	6.1718	P	0.5
7	☐	1000.000	1007.903	1533666.38	12.8836	A	2.2
8	☐			4653.02	0.0390	P	2.9

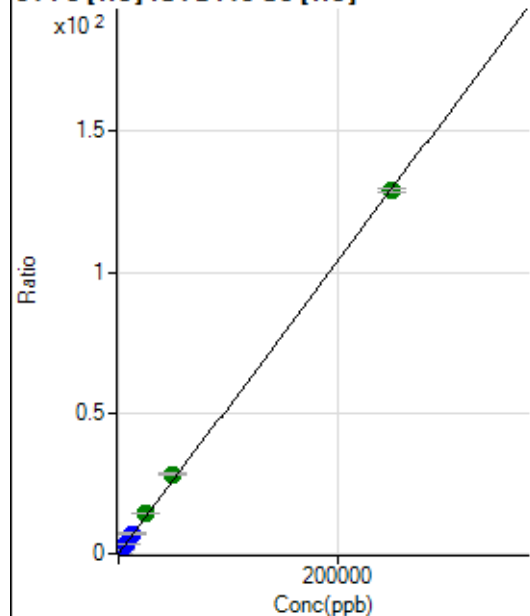
$$y = 0.0128 * x + 0.0056$$

$$R = 0.9997$$

$$DL = 0.1325$$

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	648.17	0.0051	P	11.7
2	☐	50.000	43.313	3546.80	0.0275	P	7.6
3	☐	2500.000	2476.055	172176.03	1.2876	P	2.3
4	☐	6250.000	6503.899	438041.89	3.3740	P	0.2
5	☐	12500.000	13679.375	857783.96	7.0907	P	3.3
6	☐	25000.000	27868.798	1837419.18	14.4406	A	0.8
7	☐	50000.000	54262.081	3345869.55	28.1119	A	3.1
8	☐	250000.00	248795.62	15358898.37	128.8771	A	1.0

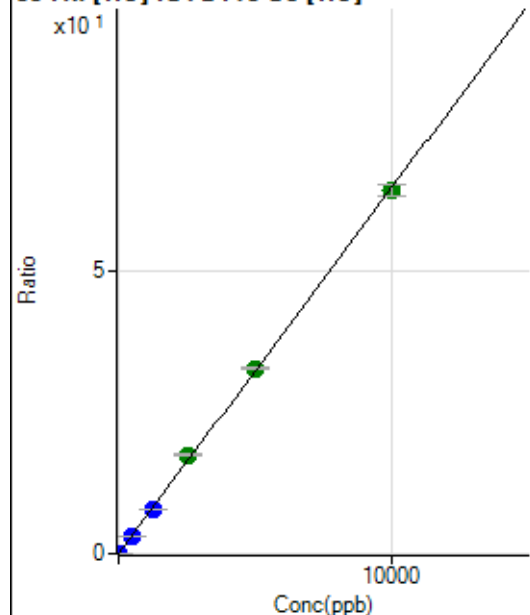
$$y = 5.1798E-004 * x + 0.0051$$

$$R = 0.9998$$

$$DL = 3.415$$

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	50.00	0.0004	P	20.1
2	☐	1.000	0.966	854.48	0.0066	P	10.5
3	☐	500.000	463.708	400057.15	2.9921	P	3.3
4	☐	1250.000	1194.933	1000917.14	7.7099	P	0.8
5	☐	2500.000	2707.603	2113193.67	17.4693	A	3.5
6	☐	5000.000	5073.246	4164758.24	32.7320	A	0.6
7	☐	10000.000	9920.174	7617566.41	64.0034	A	3.1
8	☐			6503.83	0.0546	P	5.3

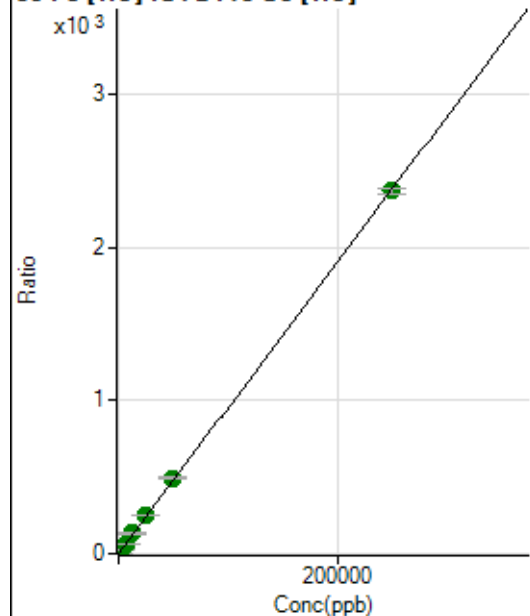
$$y = 0.0065 * x + 3.8969E-004$$

$$R = 0.9996$$

$$DL = 0.03636$$

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	5936.51	0.0463	P	3.0
2	☐	50.000	42.022	57573.20	0.4459	P	1.1
3	☐	2500.000	2548.662	3246715.52	24.2863	A	4.3
4	☐	6250.000	6533.103	8072438.66	62.1818	A	0.9
5	☐	12500.000	13938.913	16039322.23	132.6176	A	4.1
6	☐	25000.000	26609.074	32207883.36	253.1219	A	1.5
7	☐	50000.000	51978.777	58834764.74	494.4100	A	3.8
8	☐	250000.00	249363.82	282629761.8	2,371.715	A	1.8

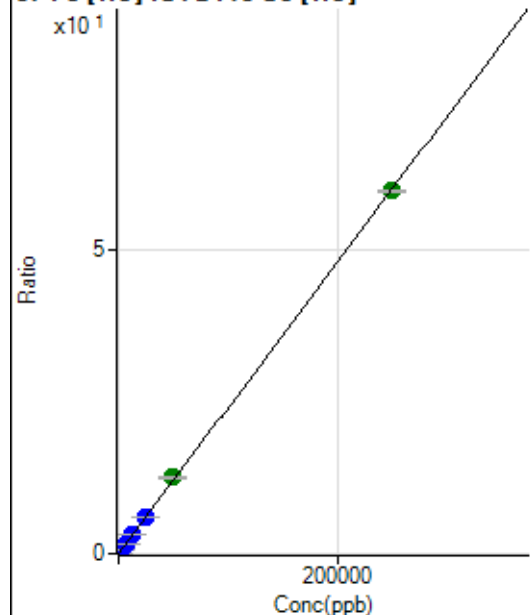
$$y = 0.0095 * x + 0.0463$$

$$R = 0.9999$$

$$DL = 0.4356$$

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	361.12	0.0028	P	9.0
2	☐	50.000	43.838	1716.80	0.0133	P	5.6
3	☐	2500.000	2396.229	77031.45	0.5761	P	3.2
4	☐	6250.000	6233.824	194005.18	1.4943	P	2.3
5	☐	12500.000	13264.250	384178.87	3.1763	P	3.9
6	☐	25000.000	25334.640	771609.20	6.0642	P	0.6
7	☐	50000.000	52718.855	1501734.09	12.6160	A	2.6
8	☐	250000.00	249385.99	7111597.79	59.6694	A	0.7

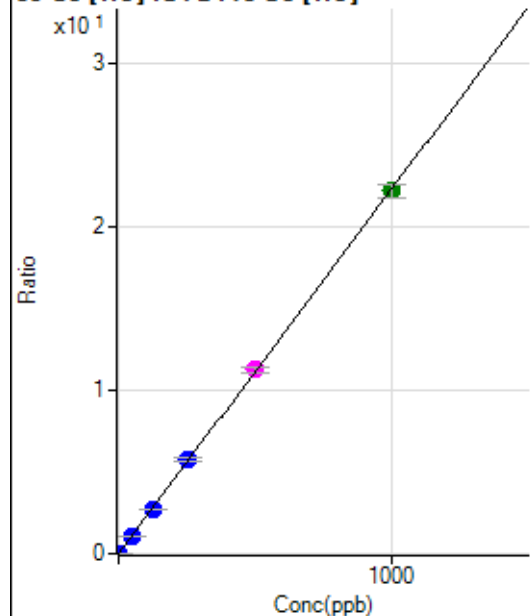
$$y = 2.3925E-004 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 3.177$$

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	58.89	0.0005	P	20.6
2	☐	1.000	0.872	2573.59	0.0199	P	5.1
3	☐	50.000	47.188	140828.50	1.0533	P	3.3
4	☐	125.000	122.585	355160.61	2.7356	P	0.2
5	☐	250.000	257.959	696223.46	5.7560	P	3.7
6	☐	500.000	505.665	1435723.02	11.2828	M	3.4
7	☐	1000.000	995.620	2644468.85	22.2145	A	3.9
8	☐			4354.05	0.0365	P	5.8

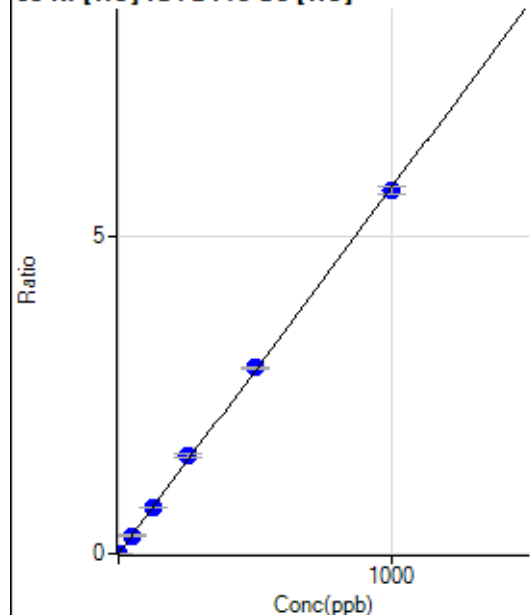
$$y = 0.0223 * x + 4.5849E-004$$

$$R = 0.9999$$

$$DL = 0.01271$$

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	108.89	0.0008	P	6.8
2	☐	1.000	0.913	790.03	0.0061	P	8.6
3	☐	50.000	49.507	38338.23	0.2867	P	1.8
4	☐	125.000	126.604	95013.97	0.7318	P	0.4
5	☐	250.000	267.891	187103.89	1.5476	P	5.3
6	☐	500.000	508.527	373709.85	2.9370	P	1.3
7	☐	1000.000	991.088	681302.80	5.7231	P	2.1
8	☐			1731.24	0.0145	P	7.3

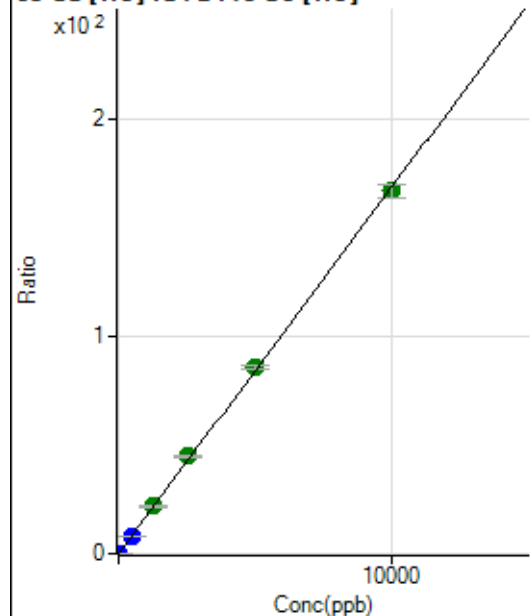
$$y = 0.0058 * x + 8.4860E-004$$

$$R = 0.9998$$

$$DL = 0.02991$$

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	484.46	0.0038	P	10.7
2	☐	2.000	1.820	4454.08	0.0345	P	2.9
3	☐	500.000	469.202	1059460.18	7.9241	P	3.2
4	☐	1250.000	1293.164	2833926.76	21.8328	A	2.4
5	☐	2500.000	2656.512	5426147.84	44.8466	A	2.9
6	☐	5000.000	5097.990	10950119.84	86.0595	A	1.3
7	☐	10000.000	9908.021	19904696.09	167.2544	A	3.5
8	☐			10007.06	0.0839	P	2.5

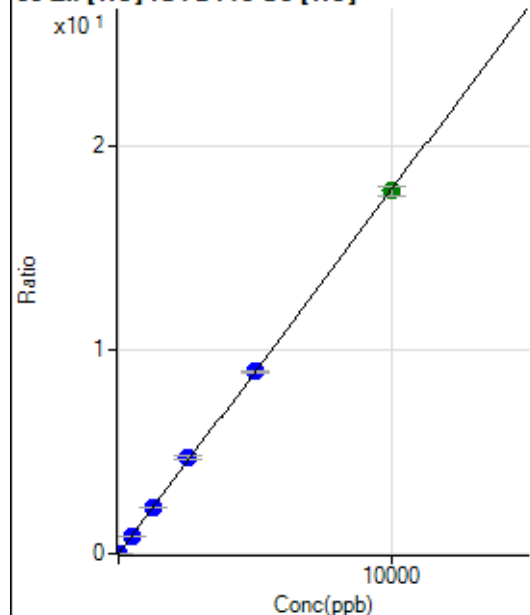
$$y = 0.0169 * x + 0.0038$$

$$R = 0.9998$$

$$DL = 0.07185$$

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	145.56	0.0011	P	19.3
2	☐	2.000	1.842	572.24	0.0044	P	7.8
3	☐	500.000	472.820	113290.22	0.8473	P	3.0
4	☐	1250.000	1246.746	289810.98	2.2323	P	0.7
5	☐	2500.000	2637.861	570903.02	4.7219	P	5.1
6	☐	5000.000	5002.895	1139348.54	8.9544	P	0.5
7	☐	10000.000	9965.853	2122941.01	17.8363	A	3.0
8	☐			3865.01	0.0324	P	3.2

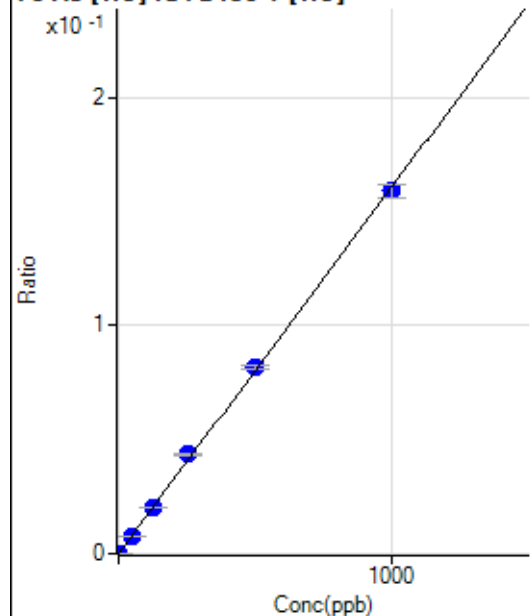
$$y = 0.0018 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.3674$$

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	7.00	0.0000	P	62.0
2	☐	1.000	0.943	142.02	0.0002	P	6.5
3	☐	50.000	48.092	7113.18	0.0077	P	1.7
4	☐	125.000	127.585	18377.42	0.0205	P	1.2
5	☐	250.000	270.702	35977.49	0.0435	P	3.5
6	☐	500.000	508.445	72129.83	0.0817	P	1.4
7	☐	1000.000	990.374	130438.40	0.1592	P	3.7
8	☐			90.01	0.0001	P	11.8

$$y = 1.6069E-004 * x + 7.8512E-006$$

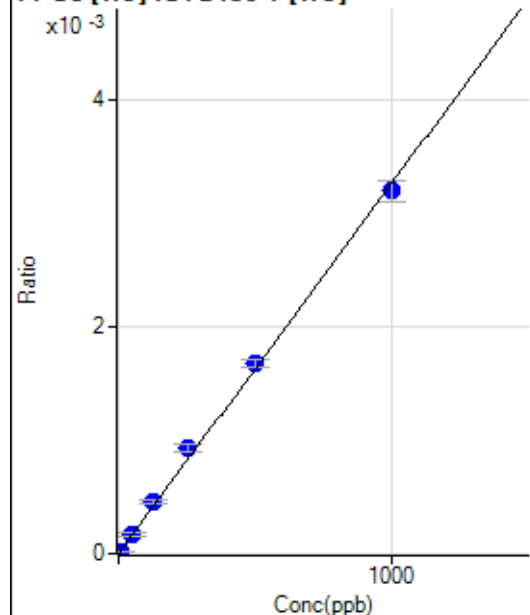
$$R = 0.9997$$

$$DL = 0.09082$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.363	15.56	0.0000	P	54.8
3	☐	50.000	51.229	153.34	0.0002	P	17.9
4	☐	125.000	141.850	414.45	0.0005	P	8.8
5	☐	250.000	285.501	770.03	0.0009	P	7.3
6	☐	500.000	516.646	1487.87	0.0017	P	3.9
7	☐	1000.000	980.632	2620.27	0.0032	P	6.1
8	☐			4.44	0.0000	P	115.

$$y = 3.2628\text{E-}006 * x + 0.0000\text{E+}000$$

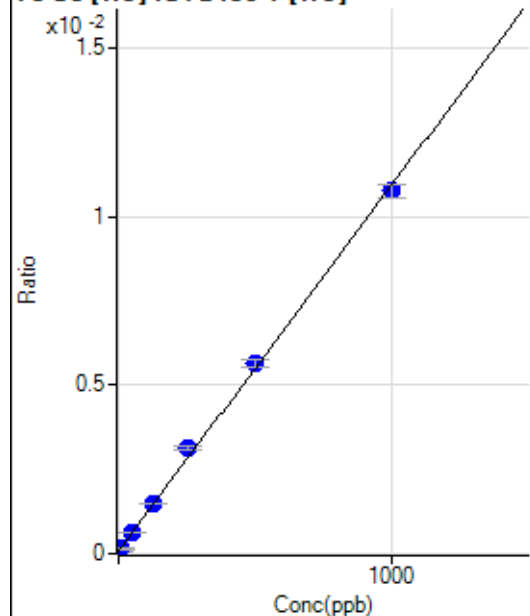
$$R = 0.9990$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.68	0.0001	P	6.1
2	☐	5.000	6.562	132.01	0.0001	P	8.1
3	☐	50.000	48.872	558.40	0.0006	P	0.7
4	☐	125.000	130.145	1333.87	0.0015	P	2.0
5	☐	250.000	282.452	2597.51	0.0031	P	2.5
6	☐	500.000	512.978	4979.39	0.0056	P	3.8
7	☐	1000.000	984.803	8817.31	0.0108	P	3.6
8	☐			72.34	0.0001	P	9.2

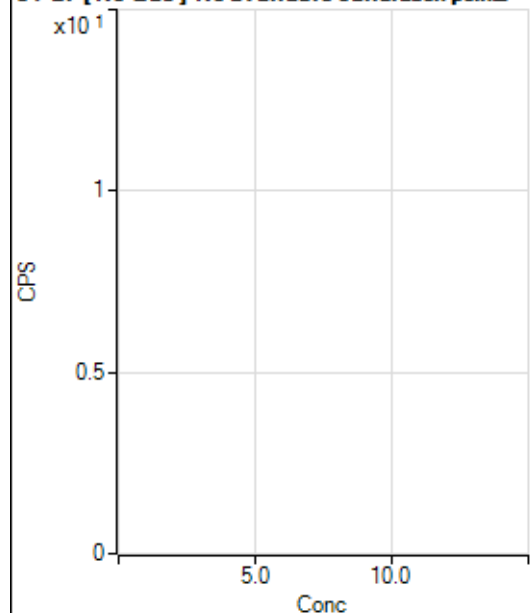
$$y = 1.0845\text{E-}005 * x + 7.7110\text{E-}005$$

$$R = 0.9992$$

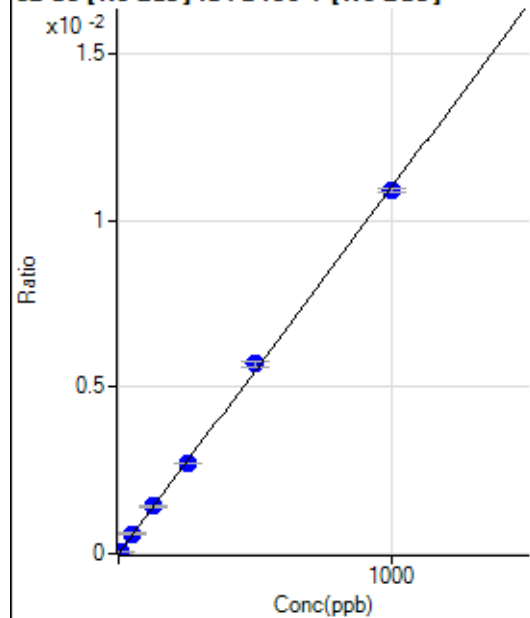
$$DL = 1.297$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22063.60		P	6.6
2	☐			21401.90		P	3.8
3	☐			21291.63		P	3.5
4	☐			21539.04		P	0.7
5	☐			21401.80		P	3.9
6	☐			21268.21		P	0.4
7	☐			20690.10		P	2.5
8	☐			20990.81		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-61.58	0.0000	P	-52.
2	☐	5.000	4.743	349.36	0.0000	P	13.6
3	☐	50.000	54.154	4401.34	0.0006	P	8.5
4	☐	125.000	129.364	11245.34	0.0014	P	2.5
5	☐	250.000	247.861	22436.77	0.0027	P	0.8
6	☐	500.000	517.818	45437.86	0.0057	P	2.8
7	☐	1000.000	990.874	84655.93	0.0109	P	1.1
8	☐			172.00	0.0000	P	24.0

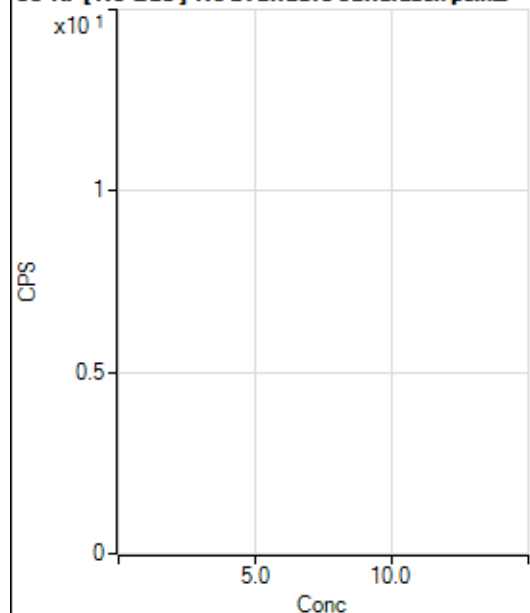
$$y = 1.1011E-005 * x - 8.0620E-006$$

$$R = 0.9998$$

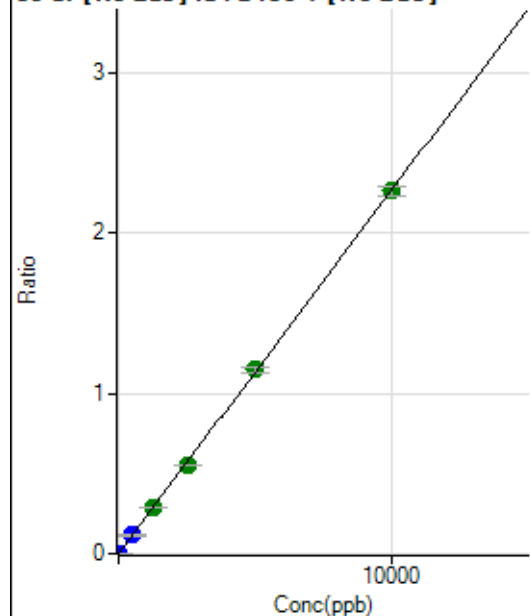
$$DL = 1.146$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1404.53		P	1.5
2	☐			1375.64		P	3.6
3	☐			1388.97		P	2.2
4	☐			1355.63		P	2.4
5	☐			1315.63		P	5.3
6	☐			1402.31		P	5.9
7	☐			1401.20		P	3.6
8	☐			1328.97		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2114.11	0.0003	P	7.2
2	☐	1.000	0.910	3789.51	0.0005	P	9.7
3	☐	500.000	518.197	881876.37	0.1179	P	8.7
4	☐	1250.000	1271.470	2293105.63	0.2888	A	2.5
5	☐	2500.000	2440.714	4568950.15	0.5541	A	0.4
6	☐	5000.000	5055.666	9157009.58	1.1475	A	3.5
7	☐	10000.000	9983.395	17591860.29	2.2657	A	2.7
8	☐			20504.92	0.0027	P	1.5

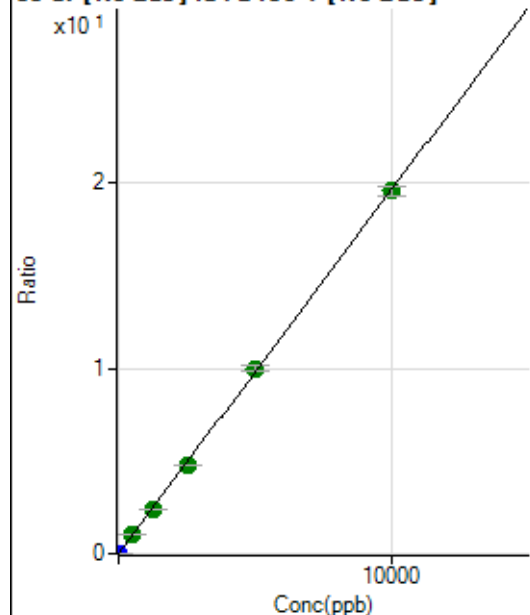
$$y = 2.2692E-004 * x + 2.7350E-004$$

$$R = 1.0000$$

$$DL = 0.2605$$

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	177.79	0.0000	P	14.5
2	☐	1.000	0.889	13954.56	0.0018	P	2.2
3	☐	500.000	531.588	7812389.32	1.0432	A	6.4
4	☐	1250.000	1234.563	19236659.29	2.4226	A	1.0
5	☐	2500.000	2431.826	39347704.35	4.7720	A	1.0
6	☐	5000.000	5094.715	79787489.28	9.9975	A	2.8
7	☐	10000.000	9970.036	151906870.0	19.5644	A	2.3
8	☐			159825.24	0.0211	P	4.6

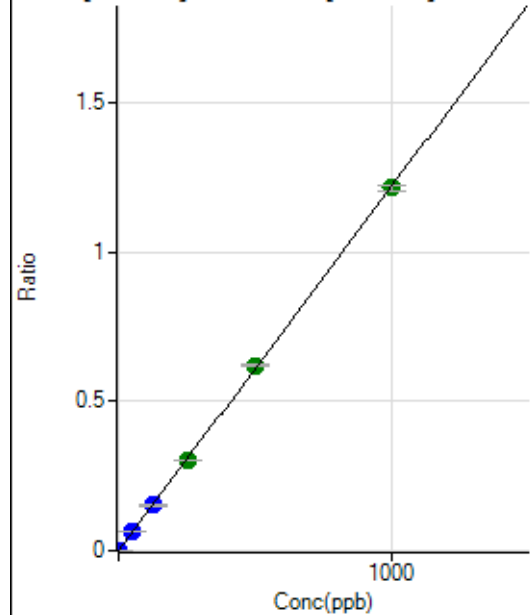
$$y = 0.0020 * x + 2.3035E-005$$

$$R = 0.9999$$

$$DL = 0.005091$$

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	541.69	0.0001	P	24.3
2	☐	1.000	0.836	8602.90	0.0011	P	1.9
3	☐	50.000	52.111	476799.84	0.0636	P	5.0
4	☐	125.000	124.361	1204876.91	0.1517	P	1.2
5	☐	250.000	248.345	2498079.05	0.3030	A	0.8
6	☐	500.000	508.412	4950519.77	0.6202	A	0.8
7	☐	1000.000	996.182	9435068.96	1.2151	A	1.4
8	☐			9033.88	0.0012	P	3.7

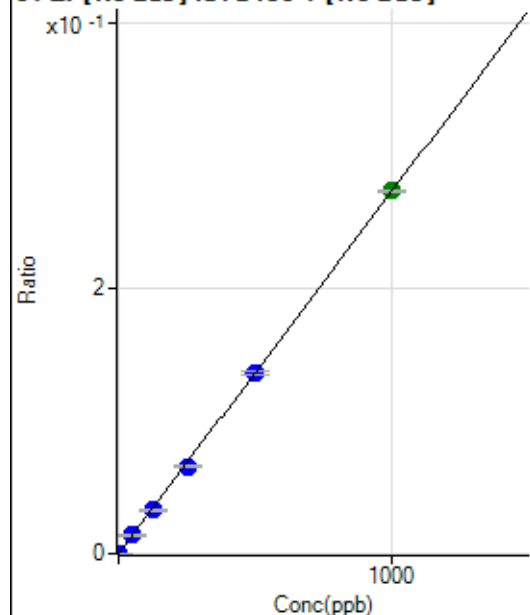
$$y = 0.0012 * x + 6.9591E-005$$

$$R = 0.9999$$

$$DL = 0.04161$$

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	94.45	0.0000	P	6.5
2	☐	1.000	0.823	1864.07	0.0002	P	8.8
3	☐	50.000	52.018	106084.55	0.0142	P	8.2
4	☐	125.000	121.621	262976.69	0.0331	P	4.3
5	☐	250.000	240.346	539653.18	0.0654	P	1.2
6	☐	500.000	500.369	1087444.16	0.1362	P	1.9
7	☐	1000.000	1002.551	2119798.53	0.2730	A	0.7
8	☐			2075.23	0.0003	P	6.6

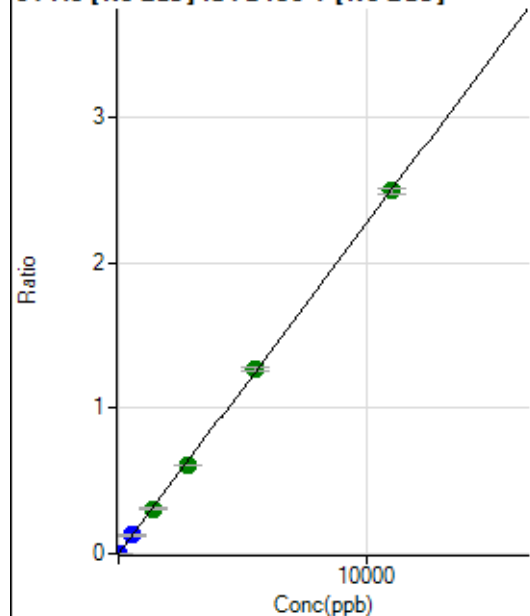
$$y = 2.7226\text{E-}004 * x + 1.2219\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.008802$$

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	227.78	0.0000	P	15.4
2	☐	5.000	5.340	9828.73	0.0012	P	1.4
3	☐	550.000	571.001	972484.84	0.1299	P	8.2
4	☐	1375.000	1363.302	2462438.16	0.3101	A	2.5
5	☐	2750.000	2674.173	5016019.21	0.6083	A	0.7
6	☐	5500.000	5591.270	10151107.17	1.2719	A	2.5
7	☐	11000.000	10973.734	19382719.88	2.4963	A	1.7
8	☐			11603.25	0.0015	P	5.7

$$y = 2.2748\text{E-}004 * x + 2.9546\text{E-}005$$

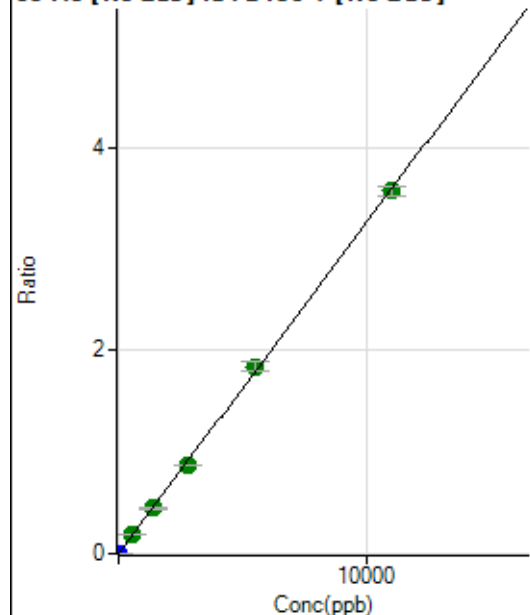
$$R = 0.9999$$

$$DL = 0.06004$$

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	83.34	0.0000	P	12.3
2	☐	5.000	4.445	11546.75	0.0015	P	0.4
3	☐	550.000	584.029	1426998.42	0.1906	A	7.1
4	☐	1375.000	1381.330	3578814.97	0.4508	A	2.7
5	☐	2750.000	2662.069	7162602.68	0.8687	A	0.8
6	☐	5500.000	5646.765	14701162.48	1.8426	A	5.4
7	☐	11000.000	10946.108	27733014.16	3.5719	A	2.6
8	☐			14804.03	0.0020	P	5.3

$$y = 3.2632E-004 * x + 1.0796E-005$$

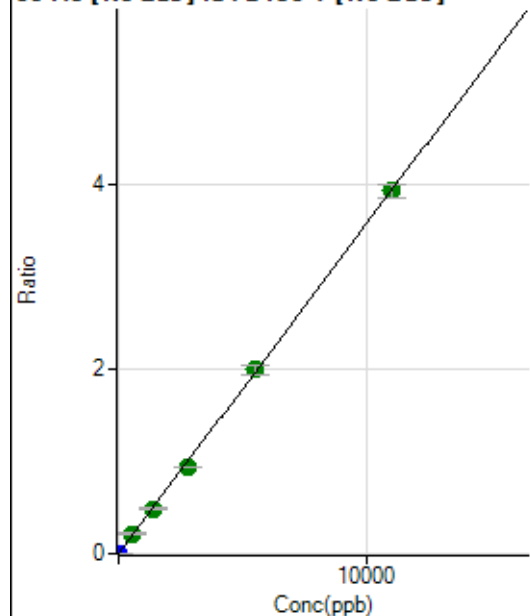
$$R = 0.9998$$

$$DL = 0.01225$$

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	211.12	0.0000	P	8.2
2	☐	5.000	4.315	12430.88	0.0016	P	6.9
3	☐	550.000	591.444	1588085.04	0.2121	A	7.0
4	☐	1375.000	1356.051	3860362.76	0.4863	A	4.3
5	☐	2750.000	2630.743	7778111.98	0.9433	A	1.4
6	☐	5500.000	5583.402	15973169.98	2.0021	A	5.1
7	☐	11000.000	10988.410	30590751.38	3.9402	A	3.4
8	☐			23406.07	0.0031	P	1.8

$$y = 3.5858E-004 * x + 2.7327E-005$$

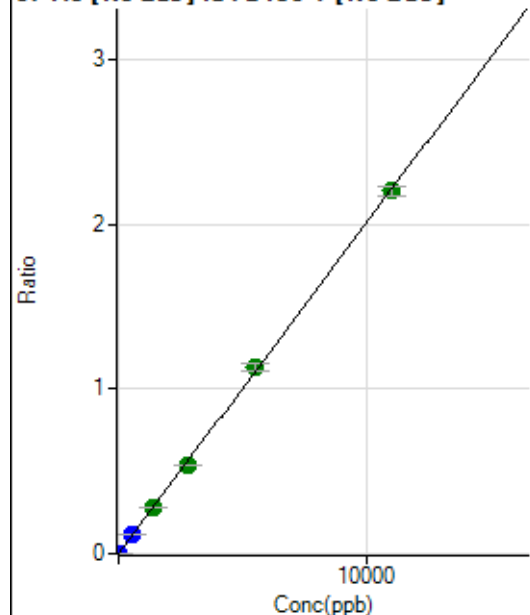
$$R = 0.9999$$

$$DL = 0.01877$$

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	50.00	0.0000	P	35.7
2	☐	5.000	4.264	6821.32	0.0009	P	4.7
3	☐	550.000	579.528	872313.11	0.1165	P	6.0
4	☐	1375.000	1385.087	2209966.65	0.2783	A	1.8
5	☐	2750.000	2652.155	4394185.43	0.5329	A	0.2
6	☐	5500.000	5635.941	9036769.39	1.1325	A	3.8
7	☐	11000.000	10953.754	17089025.21	2.2010	A	2.8
8	☐			9231.68	0.0012	P	7.0

$$y = 2.0094\text{E-}004 * x + 6.4918\text{E-}006$$

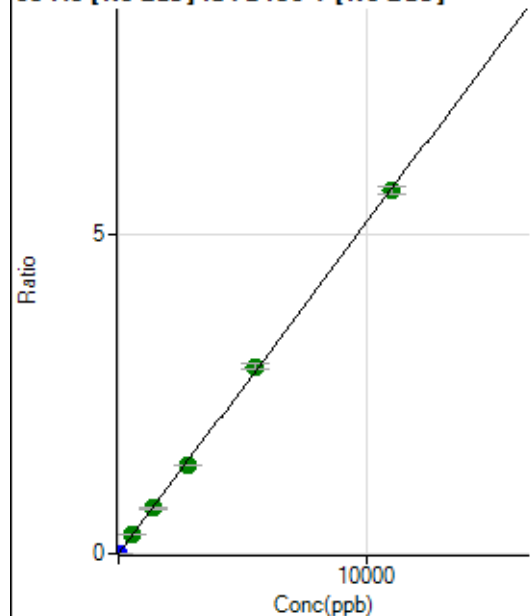
$$R = 0.9998$$

$$DL = 0.03463$$

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	111.12	0.0000	P	16.3
2	☐	5.000	4.381	18078.95	0.0023	P	1.4
3	☐	550.000	589.099	2289957.82	0.3058	A	6.4
4	☐	1375.000	1371.842	5653677.78	0.7120	A	2.0
5	☐	2750.000	2658.012	11375353.38	1.3796	A	1.1
6	☐	5500.000	5654.546	23420163.89	2.9348	A	3.4
7	☐	11000.000	10944.164	44104047.86	5.6803	A	2.0
8	☐			23637.73	0.0031	P	11.7

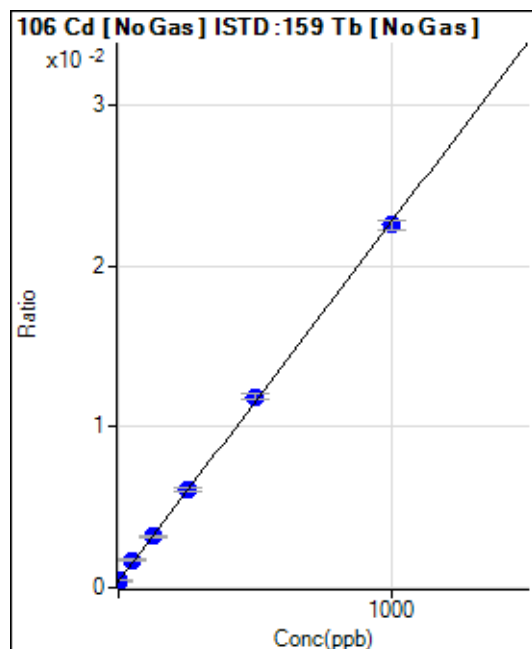
$$y = 5.1902\text{E-}004 * x + 1.4328\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01352$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1877.96	0.0004	P	12.3
2	☐	1.000	1.869	2128.01	0.0004	P	2.6
3	☐	50.000	58.400	7916.36	0.0017	P	6.1
4	☐	125.000	125.845	16838.60	0.0032	P	2.2
5	☐	250.000	253.965	33218.69	0.0061	P	4.4
6	☐	500.000	514.220	63988.48	0.0119	P	2.4
7	☐	1000.000	991.372	119603.43	0.0225	P	2.4
8	☐			1916.85	0.0004	P	5.2

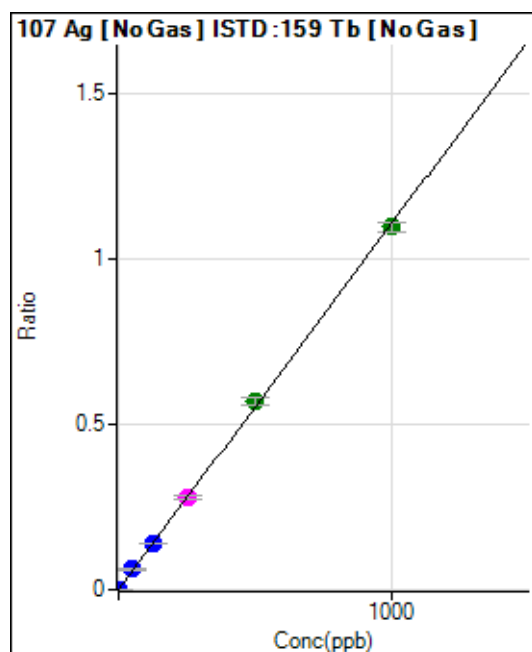
$$y = 2.2350E-005 * x + 3.8205E-004$$

$$R = 0.9998$$

$$DL = 6.325$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	21.4
2	☐	1.000	0.895	5059.40	0.0010	P	7.5
3	☐	50.000	55.792	289090.74	0.0617	P	8.0
4	☐	125.000	124.966	728073.17	0.1381	P	1.4
5	☐	250.000	252.184	1528944.96	0.2787	M	3.4
6	☐	500.000	515.547	3069984.40	0.5698	A	3.4
7	☐	1000.000	991.395	5814600.30	1.0957	A	2.4
8	☐			1997.42	0.0004	P	6.8

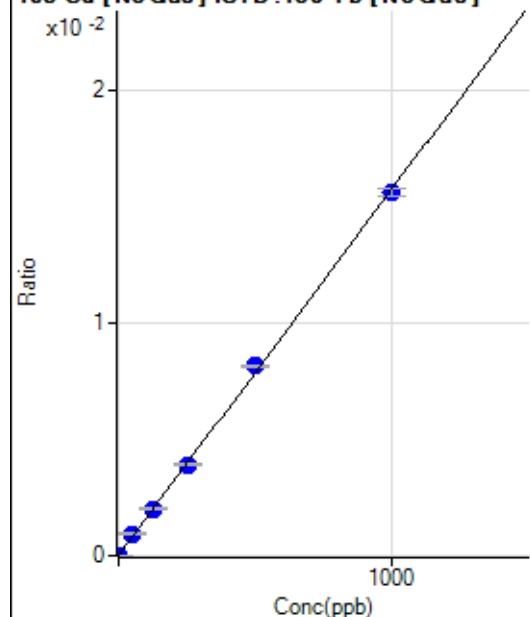
$$y = 0.0011 * x + 1.7575E-005$$

$$R = 0.9998$$

$$DL = 0.01019$$

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	54.17	0.0000	P	13.9
2	☐	1.000	0.568	100.00	0.0000	P	19.8
3	☐	50.000	58.791	4366.03	0.0009	P	13.5
4	☐	125.000	127.925	10644.50	0.0020	P	2.4
5	☐	250.000	247.675	21390.41	0.0039	P	1.9
6	☐	500.000	517.354	43835.02	0.0081	P	1.5
7	☐	1000.000	991.100	82636.41	0.0156	P	2.3
8	☐			72.22	0.0000	P	23.8

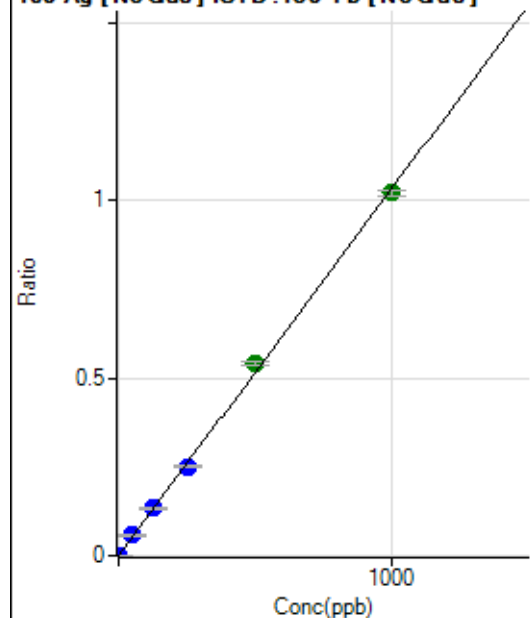
$$y = 1.5701\text{E-}005 * x + 1.1039\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.2934$$

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	44.44	0.0000	P	28.9
2	☐	1.000	0.878	4592.56	0.0009	P	5.4
3	☐	50.000	56.575	273762.45	0.0584	P	6.4
4	☐	125.000	128.519	698833.20	0.1326	P	1.9
5	☐	250.000	241.735	1367917.99	0.2494	P	1.9
6	☐	500.000	524.090	2914802.71	0.5406	A	1.7
7	☐	1000.000	989.253	5416047.08	1.0205	A	1.6
8	☐			1844.62	0.0004	P	11.0

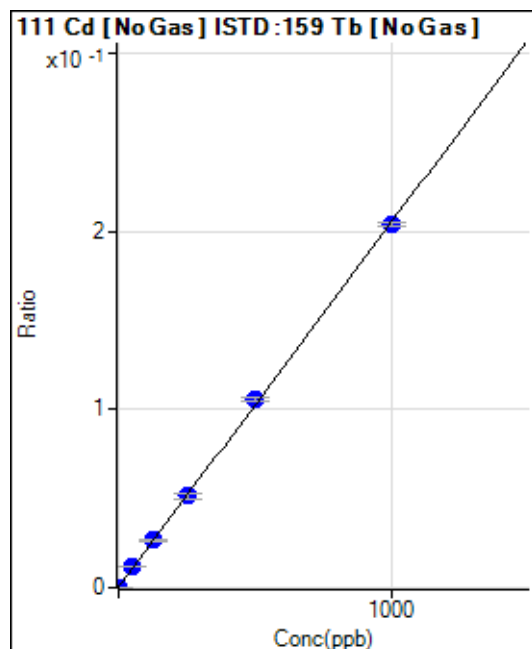
$$y = 0.0010 * x + 9.0526\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.007597$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1328.04	0.0003	P	11.1
2	☐	1.000	1.047	2434.94	0.0005	P	1.1
3	☐	50.000	56.982	56085.30	0.0120	P	5.9
4	☐	125.000	128.454	140260.82	0.0266	P	1.6
5	☐	250.000	249.086	281552.27	0.0513	P	4.4
6	☐	500.000	513.785	569186.22	0.1056	P	2.2
7	☐	1000.000	992.555	1081665.67	0.2038	P	1.0
8	☐			1957.93	0.0004	P	2.9

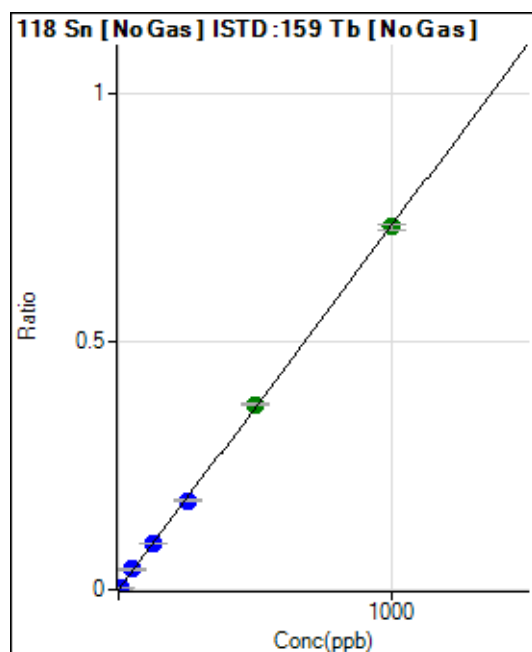
$$y = 2.0506\text{E-}004 * x + 2.7021\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.4406$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.92	0.0001	P	5.3
2	☐	5.000	4.401	16810.83	0.0033	P	2.3
3	☐	50.000	55.804	192718.05	0.0411	P	9.0
4	☐	125.000	125.162	485262.98	0.0921	P	1.6
5	☐	250.000	244.975	987583.38	0.1801	P	3.6
6	☐	500.000	508.496	2013903.36	0.3737	A	1.5
7	☐	1000.000	996.701	3886597.96	0.7324	A	1.8
8	☐			4828.78	0.0009	P	1.9

$$y = 7.3467\text{E-}004 * x + 1.1479\text{E-}004$$

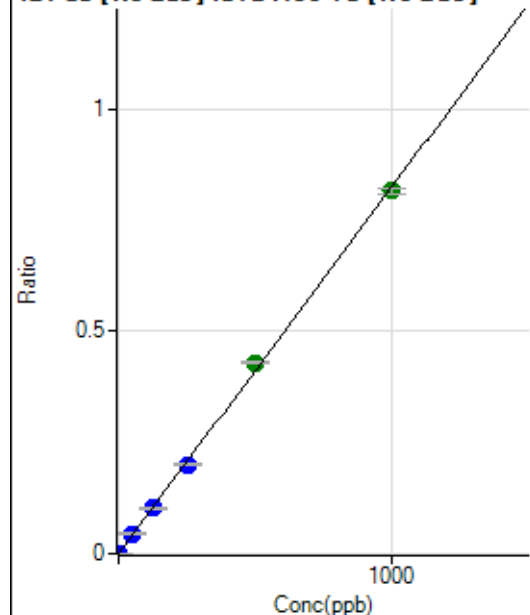
$$R = 0.9999$$

$$DL = 0.02504$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	47.5
2	☐	2.000	1.828	7596.78	0.0015	P	3.9
3	☐	50.000	54.926	212053.81	0.0452	P	6.3
4	☐	125.000	124.677	540764.44	0.1026	P	2.5
5	☐	250.000	243.357	1098363.60	0.2002	P	2.2
6	☐	500.000	521.949	2314949.62	0.4295	A	0.8
7	☐	1000.000	990.481	4325013.68	0.8150	A	1.8
8	☐			5245.64	0.0010	P	5.7

$$y = 8.2281E-004 * x + 9.0495E-006$$

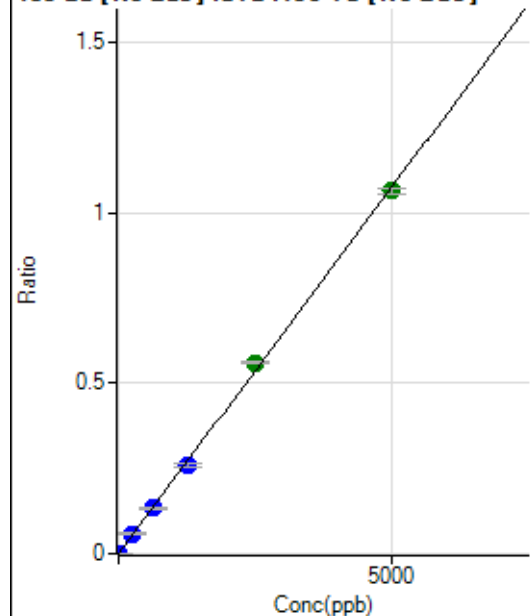
$$R = 0.9996$$

$$DL = 0.01566$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	83.6
2	☐	10.000	8.902	9639.83	0.0019	P	1.1
3	☐	250.000	271.392	273269.66	0.0583	P	8.5
4	☐	625.000	618.370	700391.07	0.1329	P	1.9
5	☐	1250.000	1211.442	1427622.43	0.2603	P	3.5
6	☐	2500.000	2609.211	3021792.99	0.5607	A	1.0
7	☐	5000.000	4954.796	5650285.46	1.0647	A	1.8
8	☐			4464.88	0.0009	P	2.7

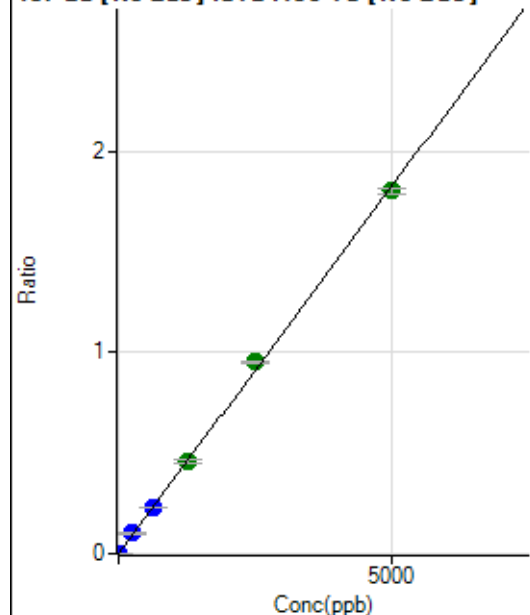
$$y = 2.1488E-004 * x + 6.2569E-006$$

$$R = 0.9996$$

$$DL = 0.073$$

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	22.22	0.0000	P	106.
2	☐	10.000	8.790	16107.16	0.0032	P	3.6
3	☐	250.000	275.344	471016.45	0.1004	P	5.2
4	☐	625.000	637.174	1224172.09	0.2323	P	0.9
5	☐	1250.000	1255.234	2509148.82	0.4575	A	3.7
6	☐	2500.000	2607.657	5122625.07	0.9505	A	1.6
7	☐	5000.000	4942.076	9560436.67	1.8014	A	1.6
8	☐			7491.50	0.0014	P	4.5

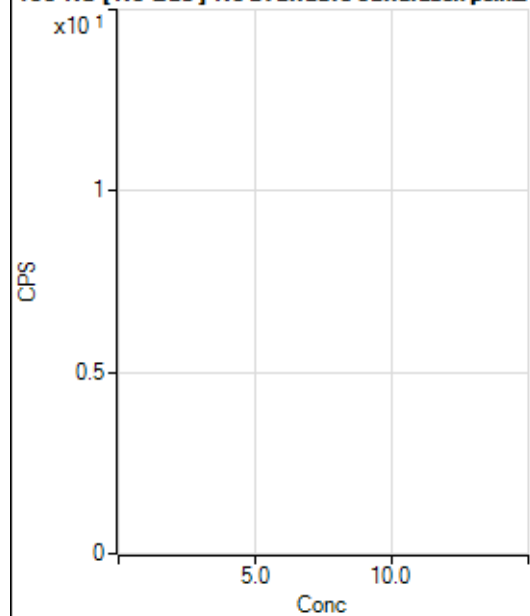
$$y = 3.6451E-004 * x + 4.4755E-006$$

$$R = 0.9997$$

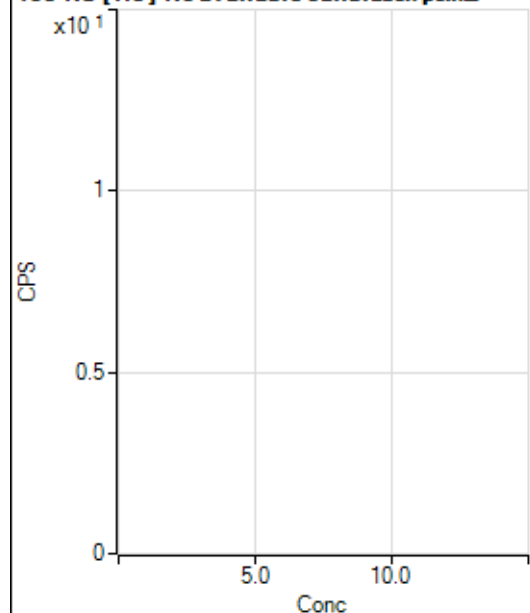
$$DL = 0.03939$$

Weight: <None>

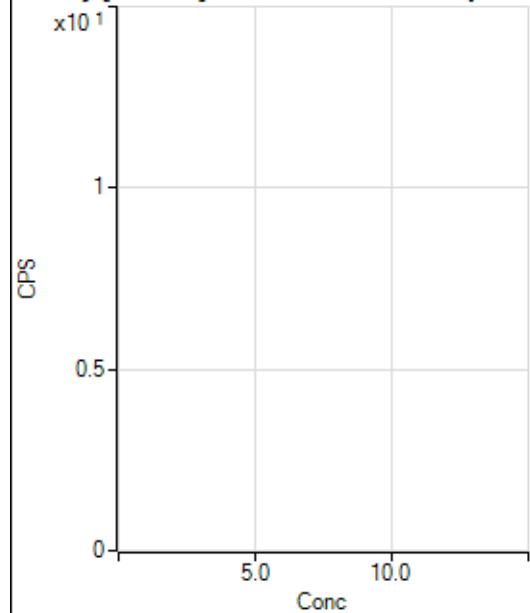
Min Conc: 0

150 Nd [No Gas] No available calibration points

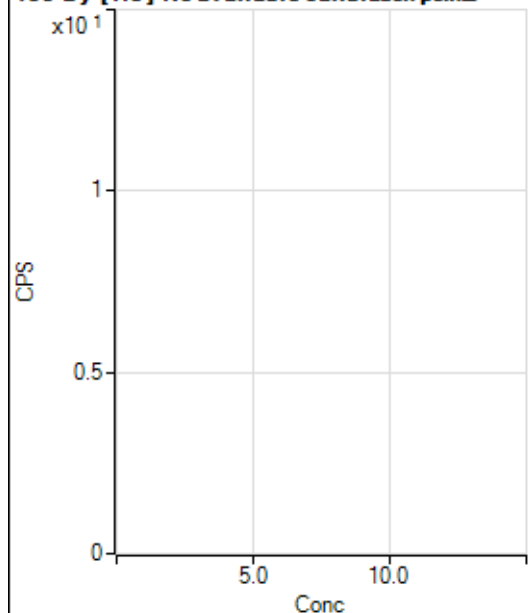
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			11.11		P	69.3
3	☐			37.78		P	36.7
4	☐			53.33		P	12.5
5	☐			115.56		P	43.3
6	☐			195.56		P	8.6
7	☐			344.45		P	8.1
8	☐			48.89		P	64.5

150 Nd [He] No available calibration points

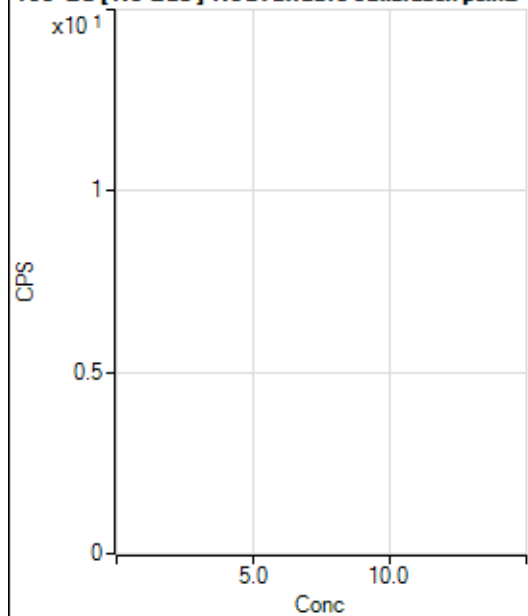
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			4.44		P	114.
5	☐			17.78		P	47.2
6	☐			27.78		P	27.7
7	☐			37.78		P	28.4
8	☐			24.44		P	56.8

156 Dy [No Gas] No available calibration points

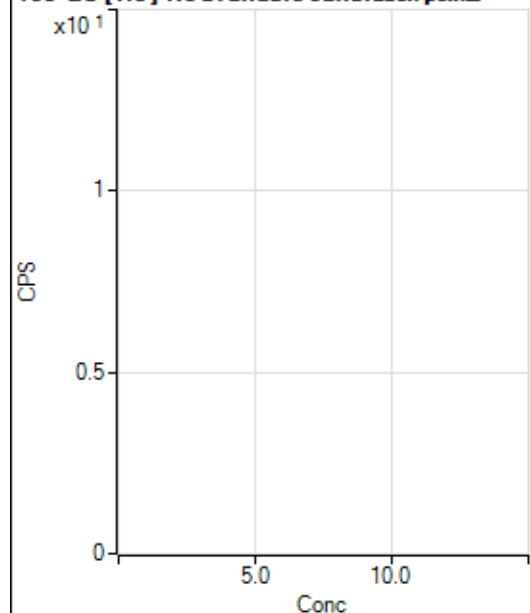
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐			11.11		P	114.
3	☐			19.45		P	24.7
4	☐			52.78		P	39.7
5	☐			50.00		P	28.9
6	☐			108.34		P	27.7
7	☐			302.79		P	20.3
8	☐			855.60		P	6.6

156 Dy [He] No available calibration points

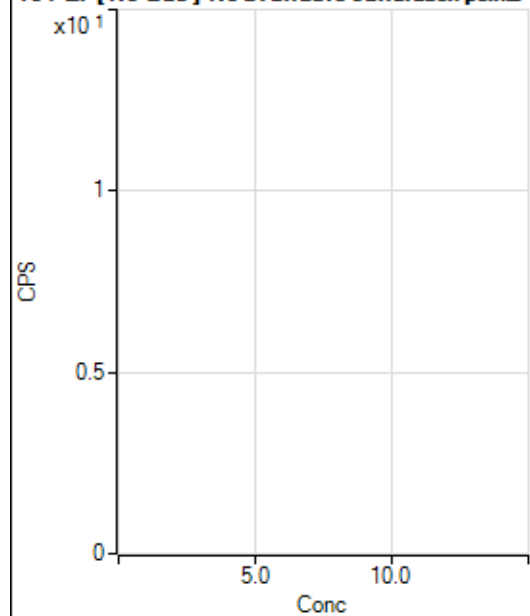
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			3.33		P	100.
4	☐			16.67		P	40.0
5	☐			27.78		P	34.6
6	☐			74.44		P	41.6
7	☐			103.33		P	11.2
8	☐			395.57		P	4.6

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

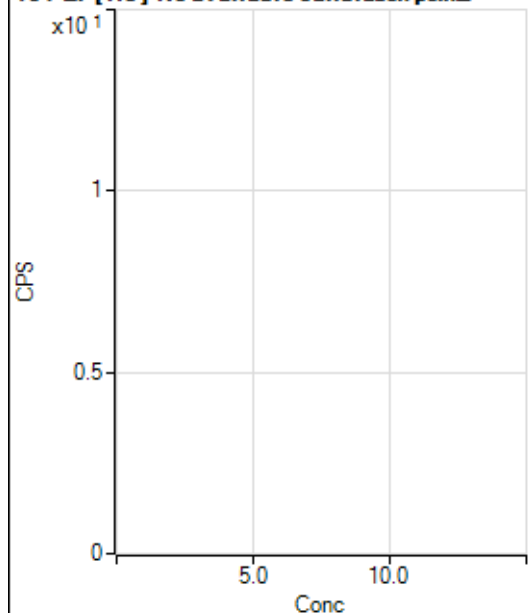
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐			47.22		P	36.7
3	☐			50.00		P	16.7
4	☐			52.78		P	24.1
5	☐			94.45		P	25.5
6	☐			105.56		P	31.9
7	☐			227.79		P	9.2
8	☐			658.37		P	21.1

160 Gd [He] No available calibration points

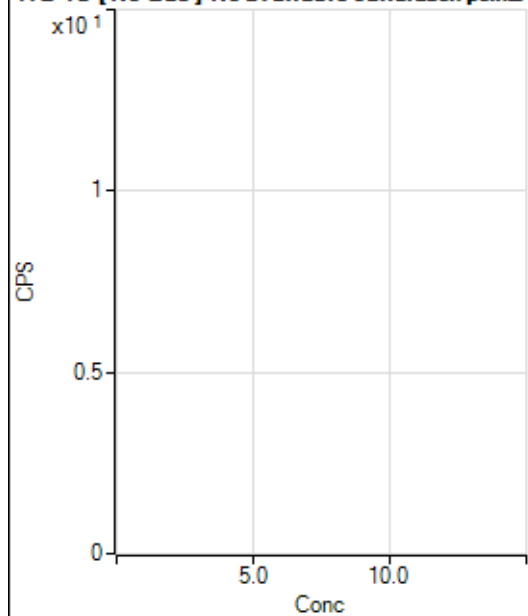
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	7.7
2	☐			37.78		P	13.5
3	☐			40.00		P	22.0
4	☐			82.22		P	13.0
5	☐			66.67		P	26.0
6	☐			80.00		P	19.1
7	☐			142.22		P	17.0
8	☐			438.90		P	6.2

164 Er [No Gas] No available calibration points

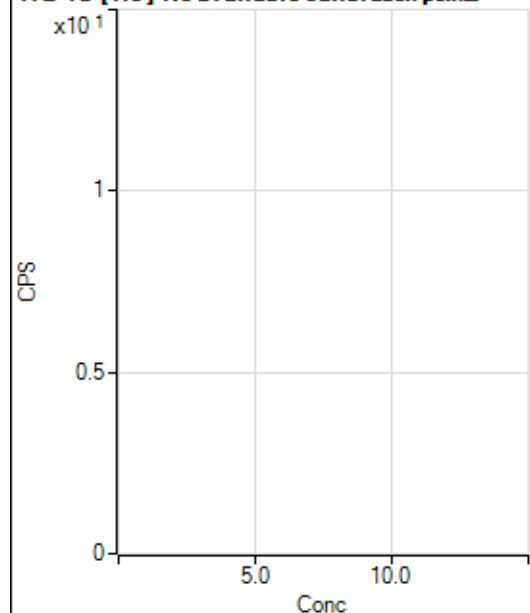
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	68.6
2	☐			33.33		P	25.0
3	☐			38.89		P	61.9
4	☐			47.22		P	36.7
5	☐			55.56		P	17.3
6	☐			75.00		P	29.4
7	☐			144.45		P	27.3
8	☐			144.45		P	17.6

164 Er [He] No available calibration points

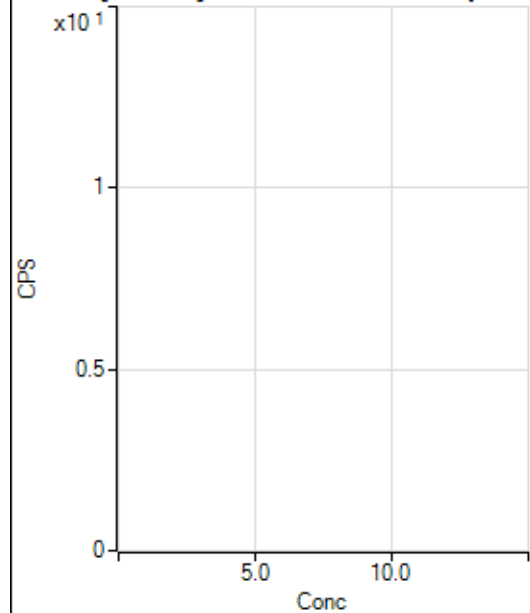
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐			23.33		P	24.7
3	☐			21.11		P	63.8
4	☐			18.89		P	36.7
5	☐			31.11		P	27.0
6	☐			36.67		P	9.1
7	☐			46.67		P	25.8
8	☐			74.45		P	26.2

172 Yb [No Gas] No available calibration points

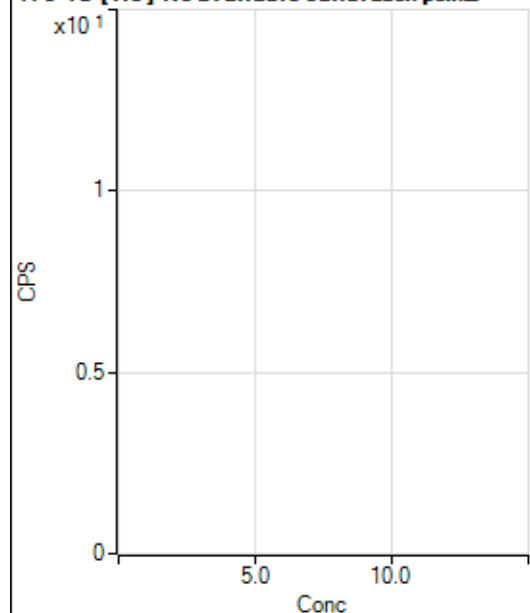
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	43.3
2	☐			25.00		P	33.3
3	☐			44.44		P	28.6
4	☐			33.33		P	50.0
5	☐			30.56		P	56.8
6	☐			63.89		P	15.1
7	☐			75.00		P	33.3
8	☐			80.56		P	6.0

172 Yb [He] No available calibration points

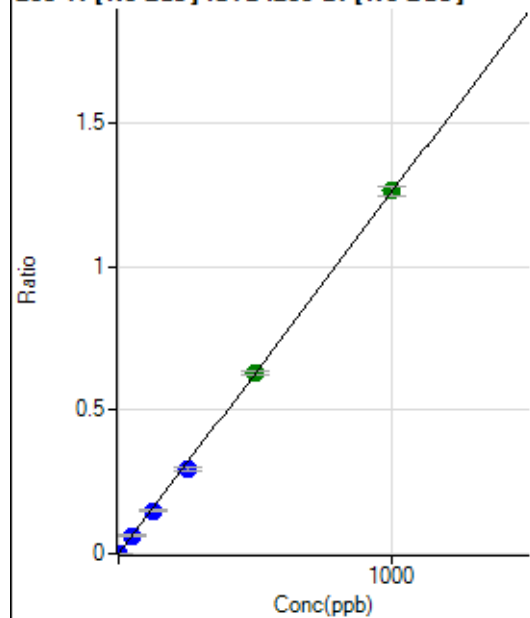
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.96		P	65.4
2	☐			5.56		P	173.
3	☐			16.67		P	57.7
4	☐			12.96		P	24.8
5	☐			12.96		P	107.
6	☐			22.22		P	66.1
7	☐			38.89		P	37.8
8	☐			38.89		P	14.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			480.58		P	7.8
2	☐			669.48		P	10.7
3	☐			1200.09		P	7.3
4	☐			2333.61		P	16.4
5	☐			4209.12		P	5.2
6	☐			7905.35		P	3.2
7	☐			15275.89		P	0.7
8	☐			605.59		P	7.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3281.95		P	4.0
2	☐			3376.42		P	5.2
3	☐			3743.20		P	4.0
4	☐			4295.22		P	2.4
5	☐			5099.23		P	3.2
6	☐			7283.66		P	3.3
7	☐			10873.16		P	2.3
8	☐			3241.20		P	2.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	413.91	0.0002	P	11.7
2	☐	1.000	0.752	2789.28	0.0011	P	4.6
3	☐	50.000	50.229	153015.19	0.0634	P	4.8
4	☐	125.000	119.513	394897.36	0.1506	P	3.9
5	☐	250.000	233.134	812664.83	0.2937	P	5.5
6	☐	500.000	501.002	1715582.85	0.6309	A	2.4
7	☐	1000.000	1004.390	3405805.81	1.2646	A	2.5
8	☐			1939.11	0.0008	P	4.4

$$y = 0.0013 * x + 1.6705E-004$$

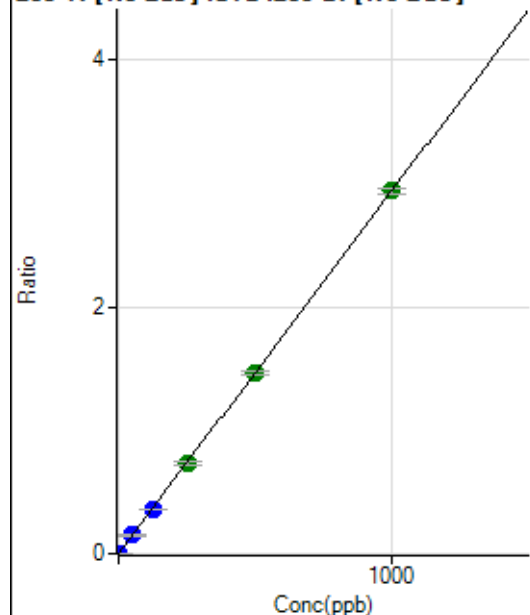
$$R = 0.9998$$

$$DL = 0.04669$$

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	1008.40	0.0004	P	7.6
2	☐	1.000	0.812	6985.47	0.0028	P	3.8
3	☐	50.000	50.473	357676.13	0.1484	P	8.3
4	☐	125.000	121.255	933507.89	0.3560	P	1.5
5	☐	250.000	248.792	2021205.80	0.7301	A	3.4
6	☐	500.000	498.916	3978731.12	1.4636	A	1.5
7	☐	1000.000	1001.288	7909596.36	2.9369	A	1.6
8	☐			4489.87	0.0018	P	2.6

$$y = 0.0029 * x + 4.0634E-004$$

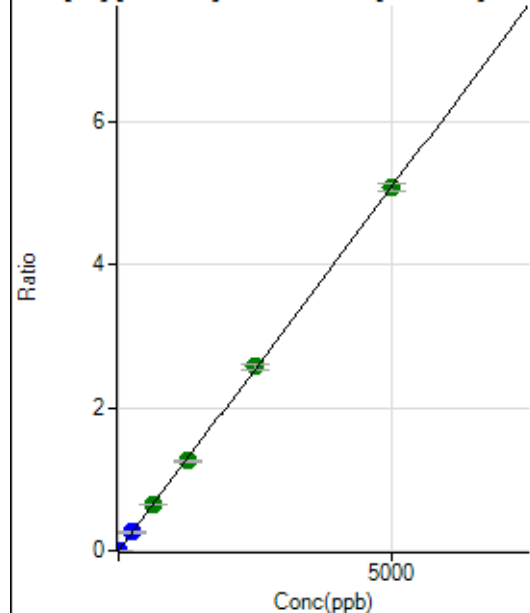
$$R = 1.0000$$

$$DL = 0.03168$$

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	538.91	0.0002	P	15.9
2	☐	1.000	0.774	2518.82	0.0010	P	6.8
3	☐	250.000	251.928	618416.27	0.2566	P	8.2
4	☐	625.000	627.650	1675783.07	0.6390	A	1.7
5	☐	1250.000	1235.231	3481977.31	1.2574	A	2.8
6	☐	2500.000	2526.563	6989906.70	2.5718	A	2.8
7	☐	5000.000	4989.984	13679615.35	5.0791	A	1.9
8	☐			9020.17	0.0035	P	5.2

$$y = 0.0010 * x + 2.1761E-004$$

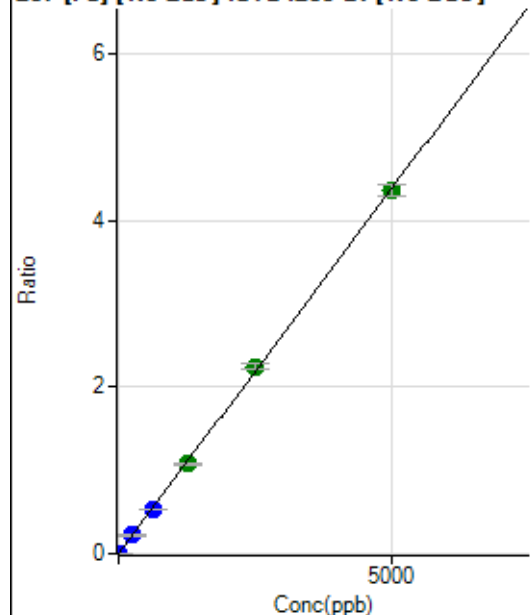
$$R = 1.0000$$

$$DL = 0.1022$$

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	438.90	0.0002	P	3.8
2	☐	1.000	0.892	2400.27	0.0010	P	5.3
3	☐	250.000	252.320	533577.82	0.2212	P	6.2
4	☐	625.000	597.739	1373637.86	0.5238	P	1.5
5	☐	1250.000	1236.434	3000551.57	1.0834	A	2.4
6	☐	2500.000	2566.757	6112743.88	2.2489	A	2.8
7	☐	5000.000	4973.304	11734447.95	4.3572	A	3.1
8	☐			7826.83	0.0031	P	4.9

$$y = 8.7608\text{E-}004 * x + 1.7685\text{E-}004$$

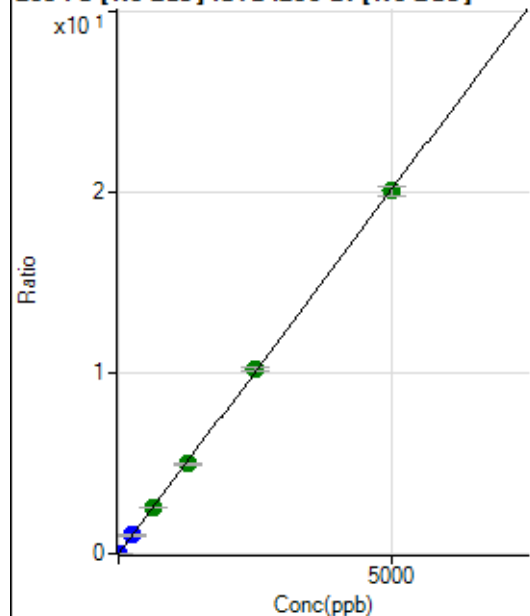
$$R = 0.9998$$

$$DL = 0.02298$$

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	2044.55	0.0008	P	6.0
2	☐	1.000	0.820	10325.88	0.0041	P	2.8
3	☐	250.000	252.188	2445509.83	1.0144	P	7.2
4	☐	625.000	627.355	6614051.51	2.5222	A	1.9
5	☐	1250.000	1230.301	13692408.33	4.9455	A	3.9
6	☐	2500.000	2538.330	27734034.36	10.2025	A	2.0
7	☐	5000.000	4985.356	53965733.85	20.0373	A	2.8
8	☐			36591.28	0.0143	P	0.9

$$y = 0.0040 * x + 8.2447\text{E-}004$$

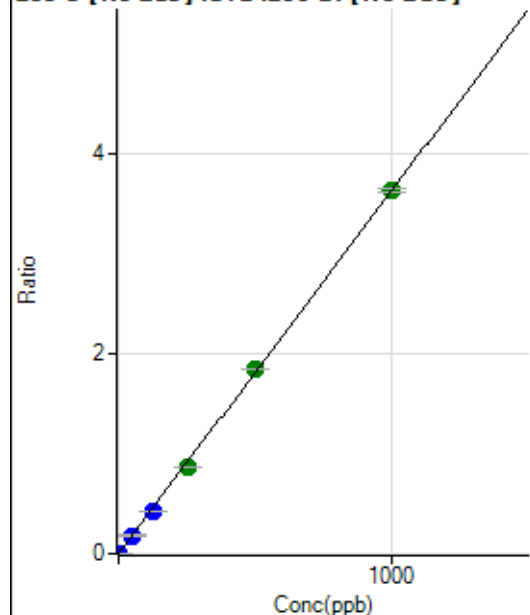
$$R = 0.9999$$

$$DL = 0.03718$$

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	30.55	0.0000	P	15.3
2	☐	1.000	0.787	7182.80	0.0029	P	3.6
3	☐	50.000	48.491	423778.64	0.1759	P	9.0
4	☐	125.000	118.097	1123125.33	0.4284	P	1.3
5	☐	250.000	238.021	2391029.44	0.8633	A	1.8
6	☐	500.000	507.437	5004412.79	1.8405	A	0.4
7	☐	1000.000	1000.215	9771220.53	3.6279	A	1.1
8	☐			3567.43	0.0014	P	4.3

$$y = 0.0036 * x + 1.2307E-005$$

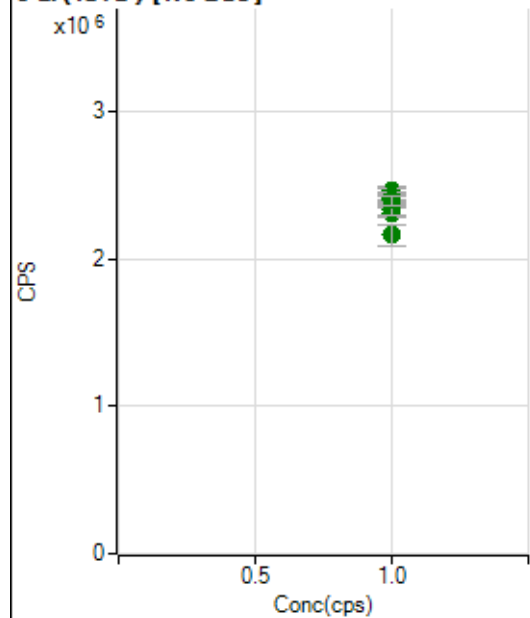
$$R = 0.9999$$

$$DL = 0.001557$$

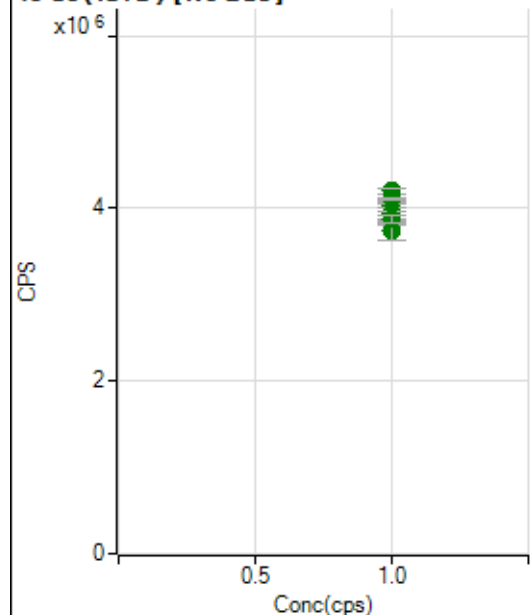
Weight: <None>

Min Conc: 0

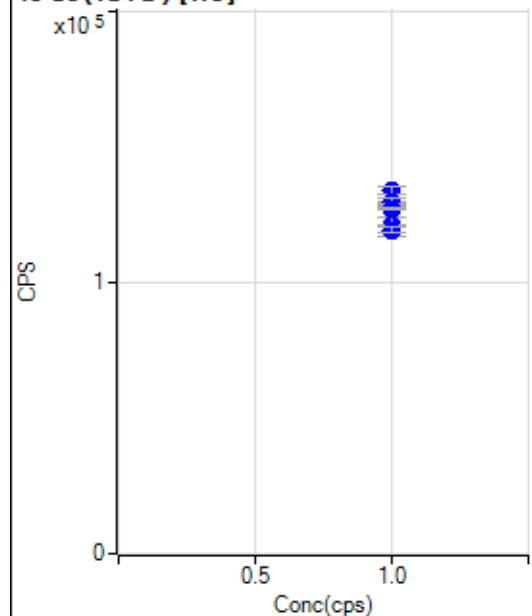
6 Li (ISTD) [No Gas]



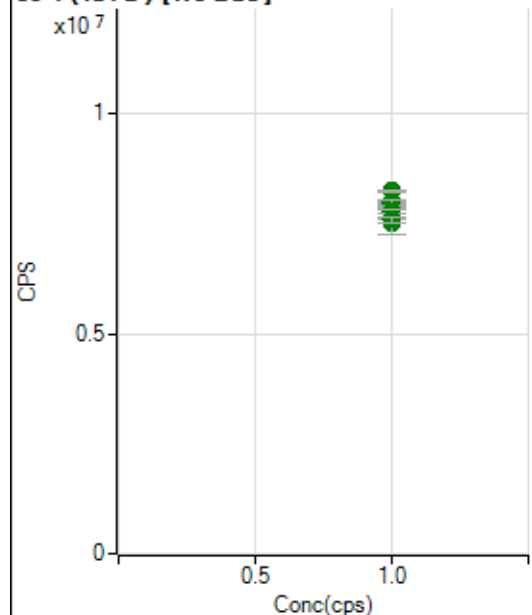
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2315367.95		A	2.7
2	☐	1.000		2339747.46		A	3.0
3	☐	1.000		2162389.15		A	7.0
4	☐	1.000		2414106.68		A	1.6
5	☐	1.000		2464708.95		A	2.2
6	☐	1.000		2458727.04		A	2.1
7	☐	1.000		2430713.25		A	2.5
8	☐	1.000		2401030.08		A	2.7

45 Sc (ISTD) [No Gas]

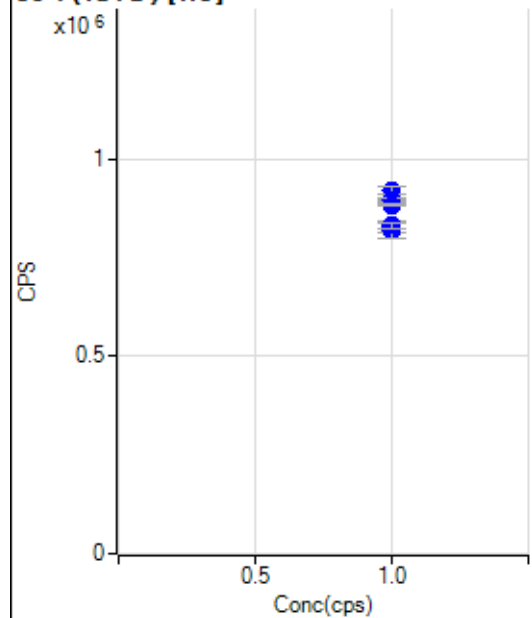
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3845468.69		A	1.6
2	☐	1.000		4021342.27		A	2.7
3	☐	1.000		3742219.98		A	5.9
4	☐	1.000		4024458.03		A	1.0
5	☐	1.000		4203798.20		A	1.4
6	☐	1.000		4114911.71		A	0.8
7	☐	1.000		3944572.44		A	0.7
8	☐	1.000		3872878.45		A	2.6

45 Sc (ISTD) [He]

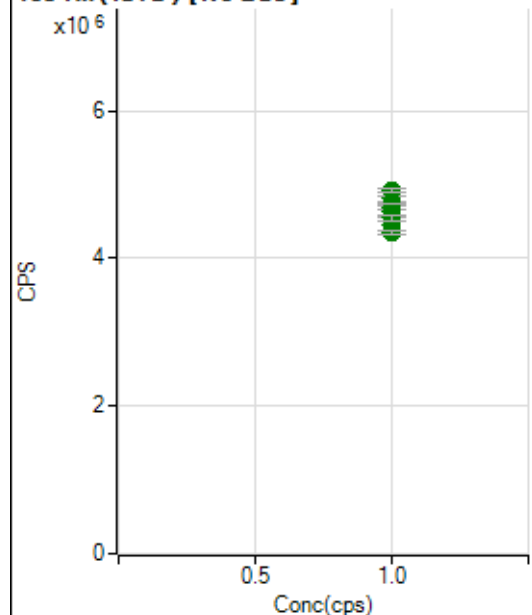
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		128304.89		P	0.7
2	☐	1.000		129113.24		P	1.2
3	☐	1.000		133758.14		P	2.0
4	☐	1.000		129832.08		P	1.5
5	☐	1.000		121095.21		P	4.6
6	☐	1.000		127239.76		P	0.4
7	☐	1.000		119101.68		P	3.5
8	☐	1.000		119188.84		P	1.8

89 Y (ISTD) [No Gas]

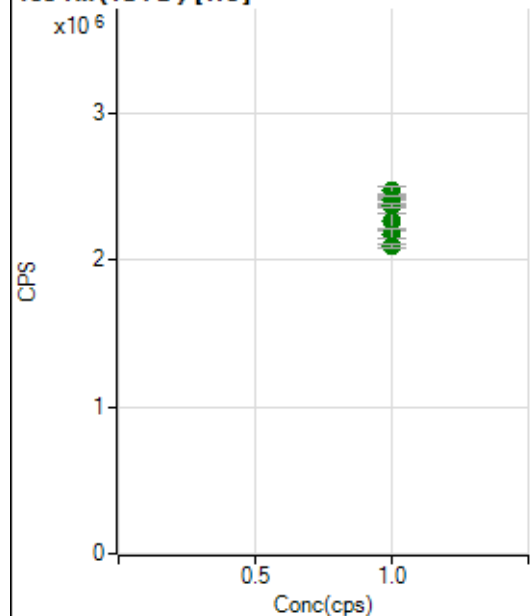
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7738112.73		A	3.9
2	☐	1.000		7901190.44		A	1.9
3	☐	1.000		7509992.67		A	6.5
4	☐	1.000		7940602.94		A	0.9
5	☐	1.000		8245393.49		A	0.2
6	☐	1.000		7983557.03		A	2.0
7	☐	1.000		7765469.61		A	1.0
8	☐	1.000		7587151.06		A	1.4

89 Y (ISTD) [He]

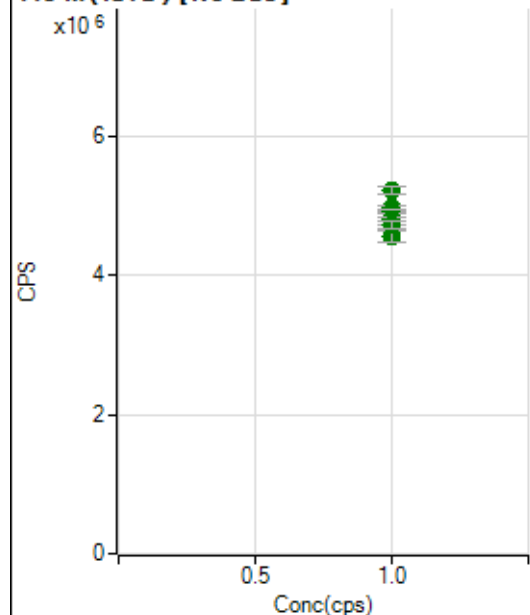
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		890715.59		P	0.5
2	☐	1.000		891011.82		P	1.8
3	☐	1.000		919727.06		P	2.2
4	☐	1.000		896101.51		P	1.2
5	☐	1.000		827628.26		P	3.7
6	☐	1.000		882760.97		P	0.5
7	☐	1.000		820534.89		P	4.8
8	☐	1.000		832717.96		P	1.8

103 Rh (ISTD) [No Gas]

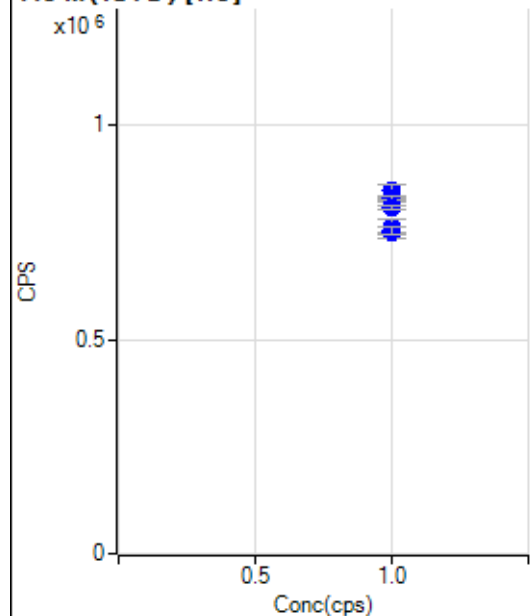
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4675923.02		A	1.2
2	☐	1.000		4635997.63		A	3.2
3	☐	1.000		4453732.17		A	6.2
4	☐	1.000		4806150.84		A	1.4
5	☐	1.000		4912473.85		A	1.2
6	☐	1.000		4735480.01		A	0.4
7	☐	1.000		4546659.22		A	1.3
8	☐	1.000		4342685.21		A	1.4

103 Rh (ISTD) [He]

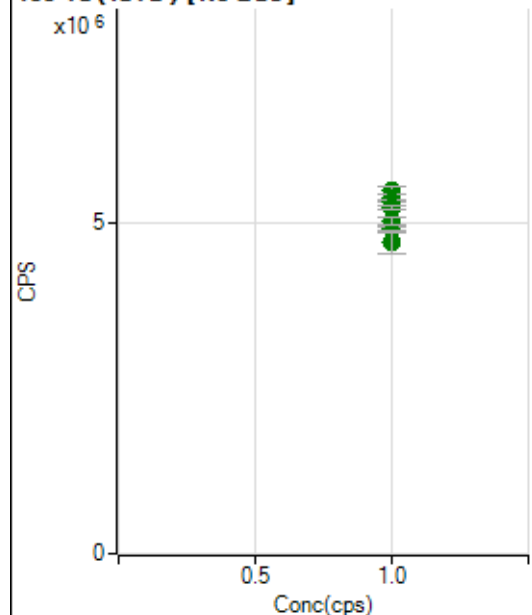
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2387090.87		A	1.9
2	☐	1.000		2427685.73		A	0.7
3	☐	1.000		2470952.64		A	2.2
4	☐	1.000		2403725.28		A	2.2
5	☐	1.000		2261076.34		A	5.2
6	☐	1.000		2373766.13		A	1.1
7	☐	1.000		2179343.35		A	2.7
8	☐	1.000		2099261.51		A	1.4

115 In (ISTD) [No Gas]

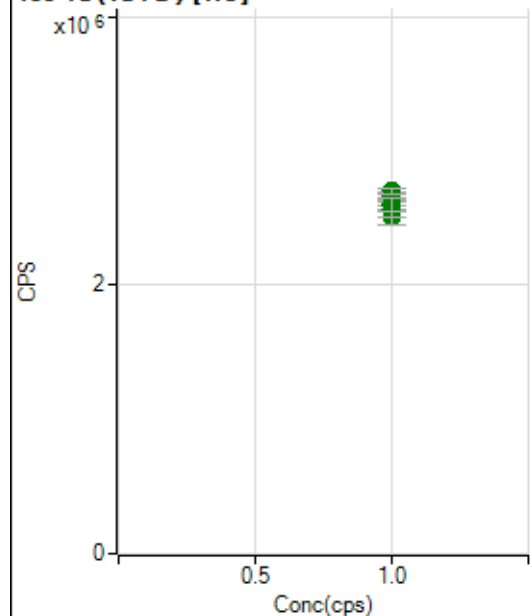
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4823014.36		A	4.1
2	☐	1.000		4885334.51		A	4.4
3	☐	1.000		4559423.61		A	3.3
4	☐	1.000		4969658.54		A	1.3
5	☐	1.000		5217264.24		A	2.1
6	☐	1.000		4925540.11		A	1.2
7	☐	1.000		4821979.35		A	1.1
8	☐	1.000		4733596.08		A	2.1

115 In (ISTD) [He]

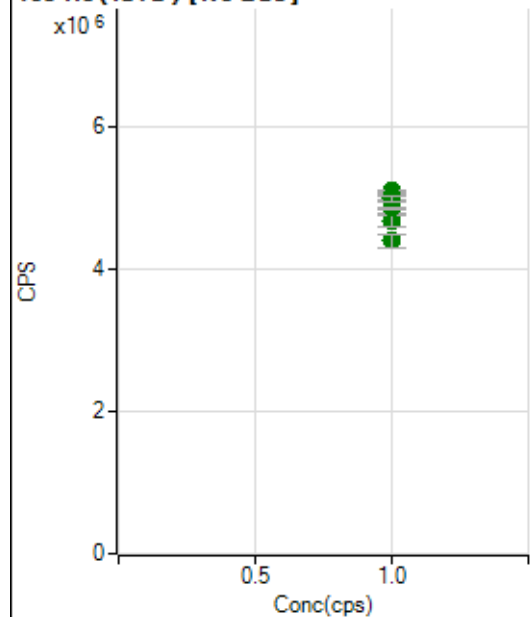
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		812761.40		P	0.4
2	☐	1.000		825119.40		P	0.3
3	☐	1.000		847379.33		P	3.6
4	☐	1.000		830466.01		P	1.0
5	☐	1.000		765425.38		P	4.4
6	☐	1.000		810381.07		P	1.1
7	☐	1.000		749596.10		P	3.8
8	☐	1.000		753057.14		P	2.3

159 Tb (ISTD) [No Gas]

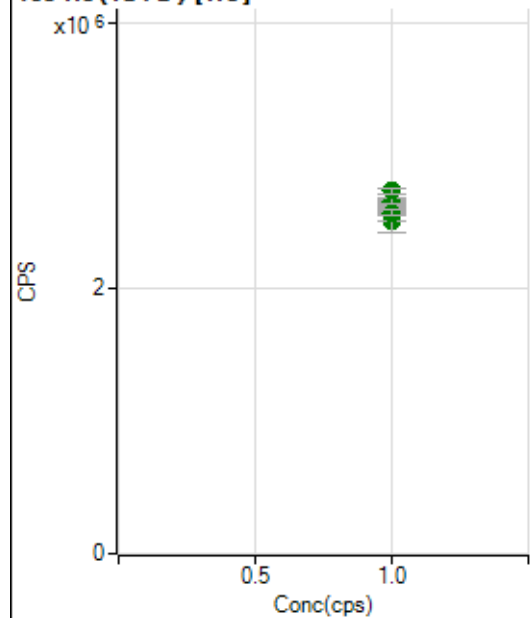
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4909885.10		A	1.6
2	☐	1.000		5022590.55		A	2.1
3	☐	1.000		4704547.08		A	7.2
4	☐	1.000		5270775.58		A	0.2
5	☐	1.000		5486497.49		A	2.0
6	☐	1.000		5390401.52		A	2.2
7	☐	1.000		5308092.25		A	2.0
8	☐	1.000		5241860.38		A	1.1

159 Tb (ISTD) [He]

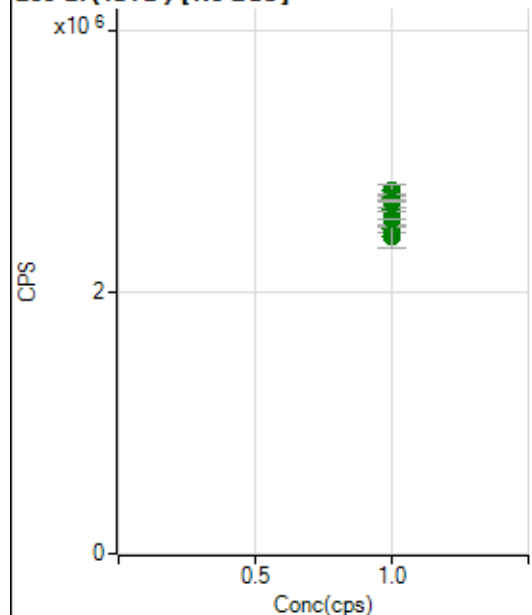
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2602652.67		A	1.1
2	☐	1.000		2590073.28		A	2.1
3	☐	1.000		2687447.56		A	2.4
4	☐	1.000		2665354.67		A	1.9
5	☐	1.000		2513408.49		A	4.6
6	☐	1.000		2702971.03		A	1.7
7	☐	1.000		2563077.55		A	4.8
8	☐	1.000		2600450.64		A	4.1

165 Ho (ISTD) [No Gas]

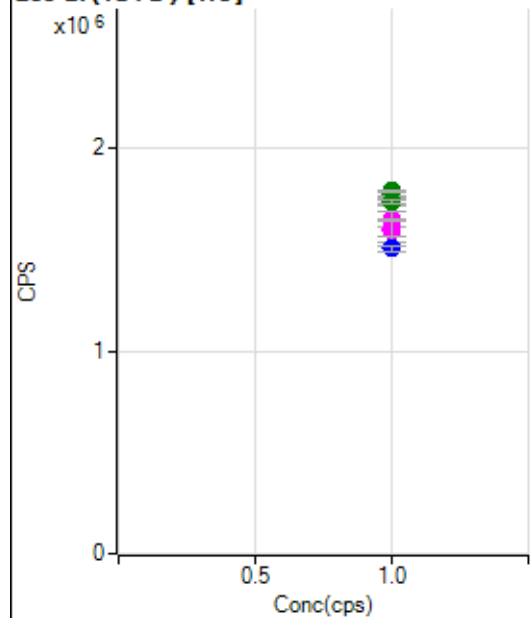
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4759005.88		A	0.6
2	☐	1.000		4670459.91		A	3.6
3	☐	1.000		4392263.34		A	4.7
4	☐	1.000		4850753.24		A	0.6
5	☐	1.000		5034489.13		A	3.0
6	☐	1.000		5097905.02		A	0.8
7	☐	1.000		5015328.15		A	1.6
8	☐	1.000		4995130.10		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2560523.75		A	1.4
2	☐	1.000		2607692.42		A	3.4
3	☐	1.000		2637782.63		A	2.3
4	☐	1.000		2654018.26		A	1.4
5	☐	1.000		2499037.95		A	6.1
6	☐	1.000		2731538.36		A	1.3
7	☐	1.000		2564234.89		A	4.1
8	☐	1.000		2566371.39		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2481579.20		A	1.9
2	☐	1.000		2505398.75		A	1.0
3	☐	1.000		2418655.59		A	6.8
4	☐	1.000		2622158.83		A	1.1
5	☐	1.000		2770578.27		A	3.3
6	☐	1.000		2718948.52		A	2.0
7	☐	1.000		2693295.29		A	0.7
8	☐	1.000		2557784.41		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1655253.01		M	4.6
2	☐	1.000		1739856.87		A	1.9
3	☐	1.000		1778053.17		A	0.8
4	☐	1.000		1791656.03		A	0.3
5	☐	1.000		1592533.22		M	7.1
6	☐	1.000		1740854.19		A	1.0
7	☐	1.000		1603637.32		M	4.9
8	☐	1.000		1505478.71		P	2.0