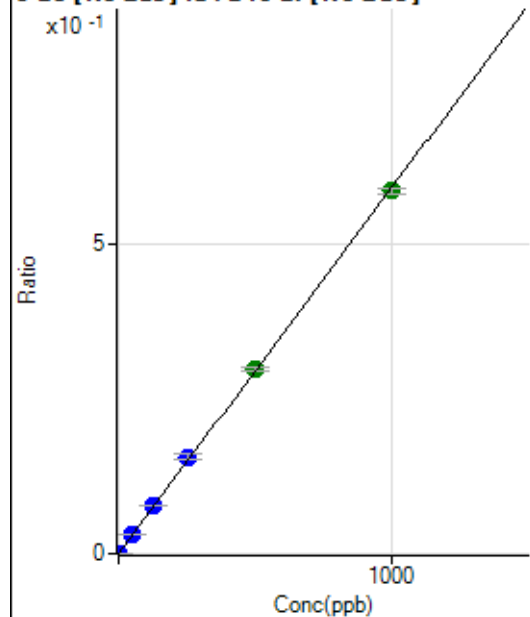


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7062923-MS.b\
Analysis File: P7062923-MS.batch.bin
DA Date-Time: 2023-06-29 15:46:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-06-29 11:19:12
2	005CALS.d	S02	2023-06-29 11:22:25
3	006CALS.d	S03	2023-06-29 11:25:39
4	007CALS.d	S04	2023-06-29 11:28:35
5	008CALS.d	S05	2023-06-29 11:31:27
6	009CALS.d	S06	2023-06-29 11:34:12
7	010CALS.d	S07	2023-06-29 11:37:00
8	011CALS.d	S08	2023-06-29 11:39:44

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.45	0.0000	P	23.5
2	☐	1.000	1.060	3459.30	0.0006	P	4.1
3	☐	50.000	51.690	163292.56	0.0305	P	5.1
4	☐	125.000	130.729	399221.34	0.0771	P	0.7
5	☐	250.000	265.150	787802.60	0.1564	P	4.3
6	☐	500.000	506.627	1521443.57	0.2988	A	1.9
7	☐	1000.000	992.098	2939789.09	0.5851	A	1.9
8	☐			468.90	0.0001	P	18.1

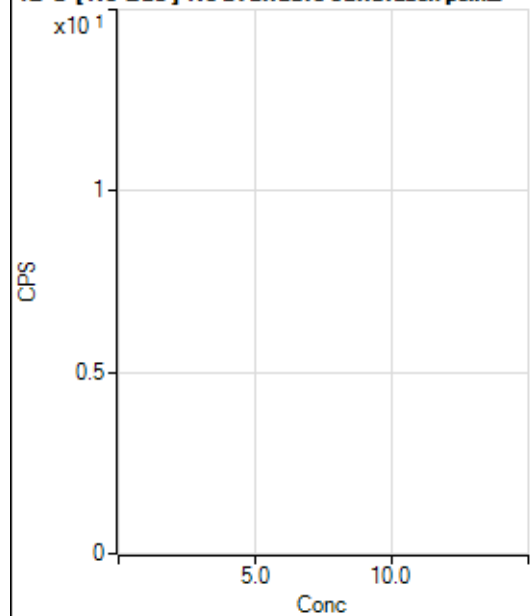
$$y = 5.8972\text{E-}004 * x + 2.1576\text{E-}005$$

$$R = 0.9998$$

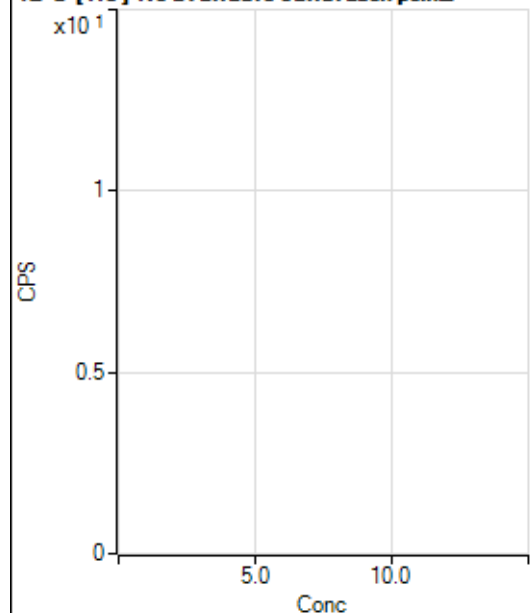
$$DL = 0.02584$$

Weight: <None>

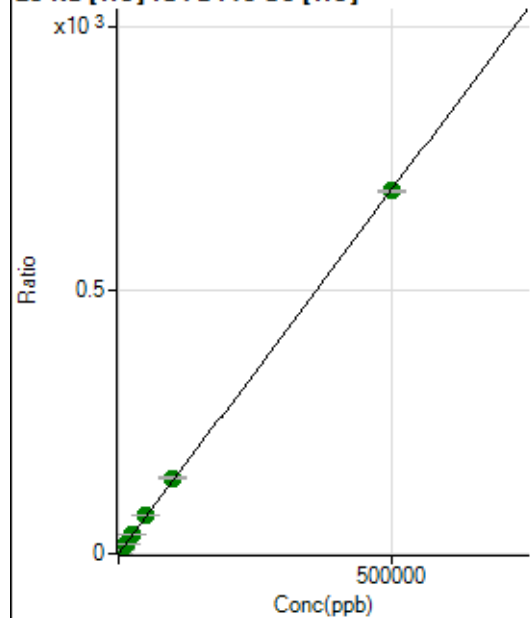
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18140.76	0.0238	P	1.9
2	☐	500.000	486.411	536711.29	0.6954	P	0.9
3	☐	5000.000	5360.296	5446913.39	7.4248	A	0.5
4	☐	12500.000	13490.715	13532688.97	18.6506	A	0.4
5	☐	25000.000	26782.278	26926072.66	37.0025	A	1.5
6	☐	50000.000	53051.214	52984056.43	73.2724	A	1.7
7	☐	100000.00	104030.81	103747317.3	143.6607	A	1.6
8	☐	500000.00	498771.24	499481392.5	688.6849	A	0.7

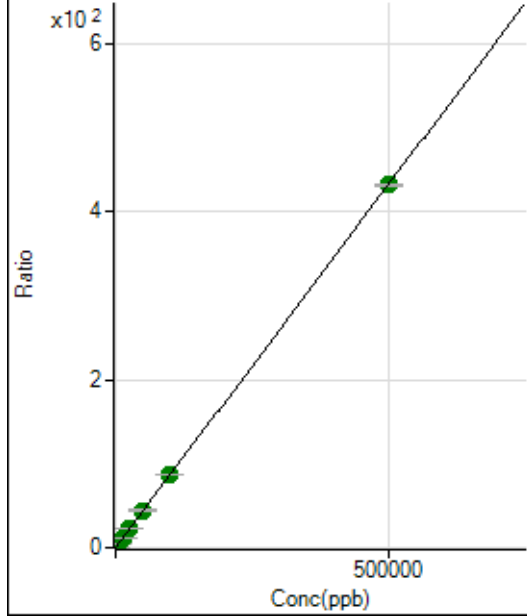
$$y = 0.0014 * x + 0.0238$$

$$R = 1.0000$$

$$DL = 0.9798$$

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	385.56	0.0005	P	7.0
2	☐	500.000	474.998	317624.69	0.4115	P	0.5
3	☐	5000.000	5206.868	3305553.49	4.5059	A	0.4
4	☐	12500.000	13020.491	8175208.97	11.2667	A	0.9
5	☐	25000.000	26160.426	16473260.31	22.6363	A	0.9
6	☐	50000.000	51393.457	32157260.63	44.4697	A	1.5
7	☐	100000.00	101687.17	63549398.50	87.9873	A	0.3
8	☐	500000.00	499450.14	313429177.5	432.1596	A	0.8

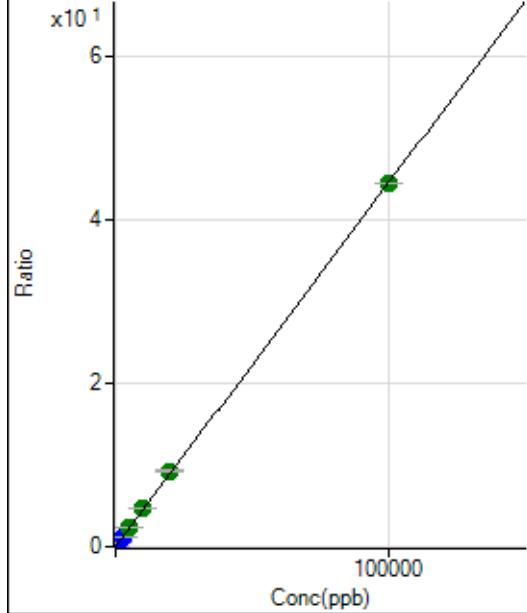
$$y = 8.6527E-004 * x + 5.0500E-004$$

$$R = 1.0000$$

$$DL = 0.1219$$

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	326.67	0.0004	P	6.1
2	☐	20.000	19.656	7081.70	0.0092	P	1.7
3	☐	1000.000	1090.259	356229.50	0.4856	P	0.8
4	☐	2500.000	2706.500	874201.90	1.2048	P	0.6
5	☐	5000.000	5308.643	1719457.89	2.3628	A	1.3
6	☐	10000.000	10646.714	3426406.79	4.7382	A	1.3
7	☐	20000.000	20827.049	6694853.86	9.2684	A	1.0
8	☐	100000.00	99748.422	32193540.63	44.3881	A	0.1

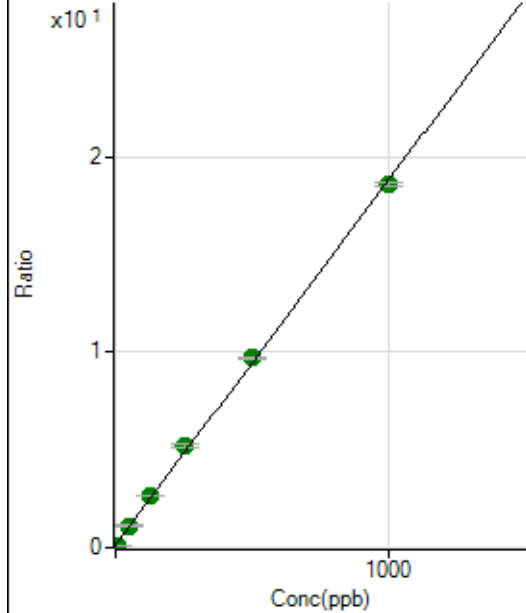
$$y = 4.4500E-004 * x + 4.2788E-004$$

$$R = 1.0000$$

$$DL = 0.1762$$

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	1211309.28	0.1312	A	1.7
2	☐	10.000	0.273	1282536.77	0.1363	A	1.2
3	☐	50.000	52.225	10192429.43	1.1075	A	6.1
4	☐	125.000	135.524	22530808.00	2.6646	A	0.6
5	☐	250.000	270.482	43097639.91	5.1874	A	4.4
6	☐	500.000	513.014	82254332.11	9.7210	A	0.6
7	☐	1000.000	987.043	158296337.6	18.5820	A	1.2
8	☐			1428580.08	0.1656	A	1.6

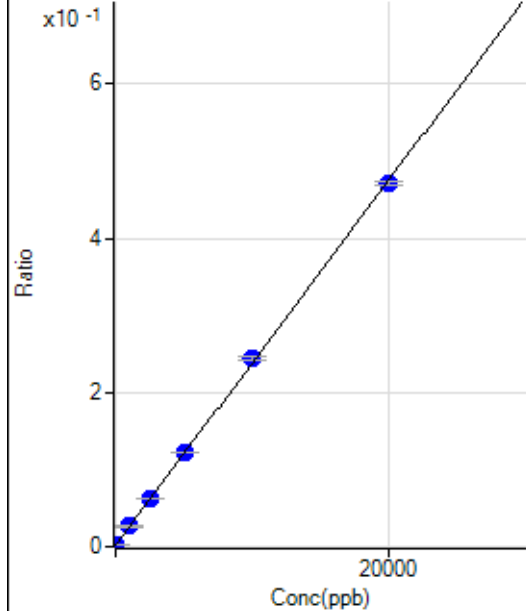
$$y = 0.0187 * x + 0.1312$$

$$R = 0.9995$$

$$DL = 0.3497$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-7.207	1141.17	0.0015	P	2.6
2	☐	0.000	7.207	1416.75	0.0018	P	7.2
3	☐	1000.000	1045.451	19365.71	0.0264	P	1.7
4	☐	2500.000	2593.875	45731.58	0.0630	P	1.4
5	☐	5000.000	5096.731	88946.33	0.1222	P	1.9
6	☐	10000.000	10280.344	177057.19	0.2449	P	1.9
7	☐	20000.000	19821.638	339853.58	0.4706	P	1.1
8	☐			1206.73	0.0017	P	3.1

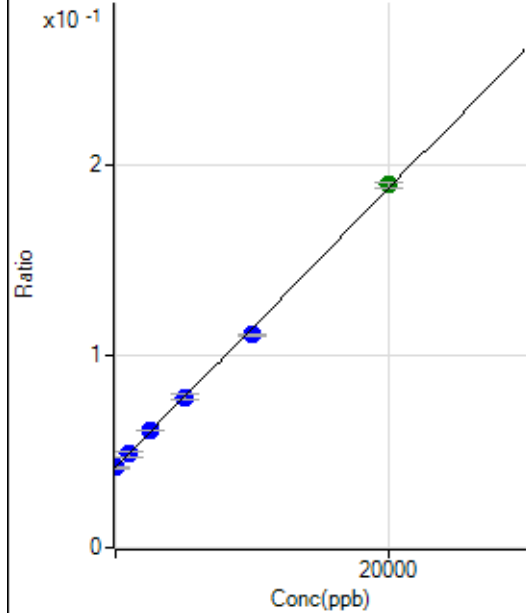
$$y = 2.3657E-005 * x + 0.0017$$

$$R = 0.9998$$

$$DL = 10.82$$

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	13.143	387990.09	0.0420	P	1.7
2	☐	0.000	-13.143	393642.43	0.0418	P	0.9
3	☐	1000.000	951.254	450030.64	0.0489	P	4.9
4	☐	2500.000	2660.098	518582.82	0.0613	P	0.9
5	☐	5000.000	5019.181	652455.55	0.0785	P	4.0
6	☐	10000.000	9479.184	939468.73	0.1110	P	0.3
7	☐	20000.000	20238.038	1613795.71	0.1894	A	1.5
8	☐			327096.64	0.0379	P	2.2

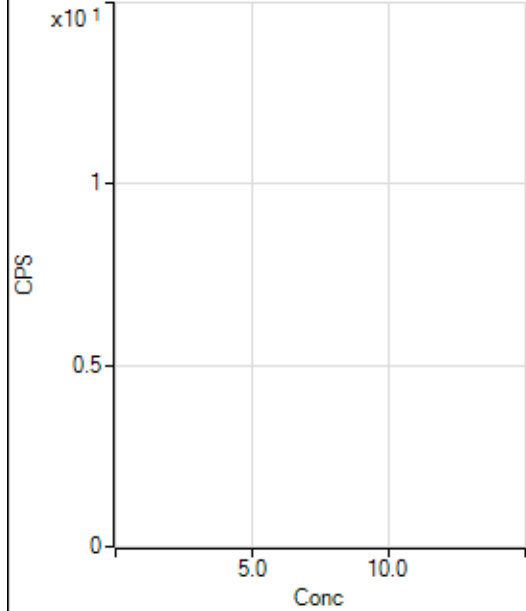
$$y = 7.2884\text{E-}006 * x + 0.0419$$

$$R = 0.9995$$

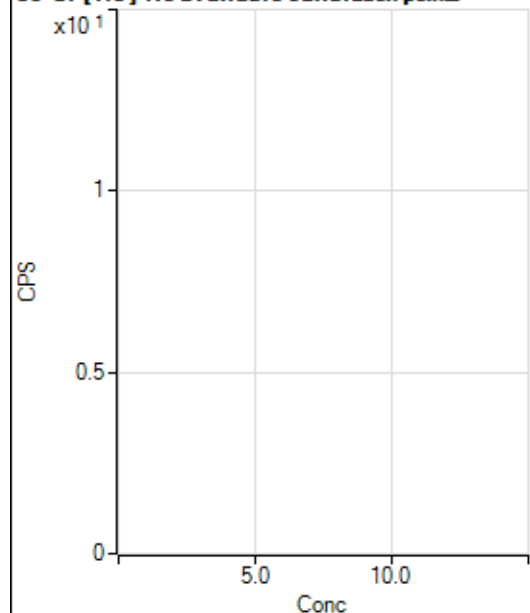
$$DL = 217.8$$

Weight: <None>

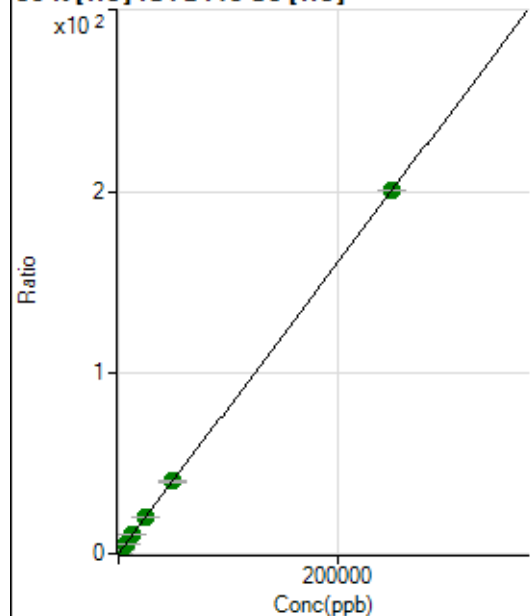
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83790.10	0.1098	P	0.9
2	☐	500.000	488.046	386280.85	0.5005	P	0.5
3	☐	2500.000	2573.939	1592150.97	2.1702	A	1.1
4	☐	6250.000	6271.328	3722117.13	5.1300	A	1.9
5	☐	12500.000	12611.156	7426629.68	10.2050	A	0.6
6	☐	25000.000	25181.830	14654925.33	20.2679	A	2.2
7	☐	50000.000	49783.674	28858146.51	39.9617	A	2.3
8	☐	250000.00	250018.27	145236423.3	200.2498	A	0.1

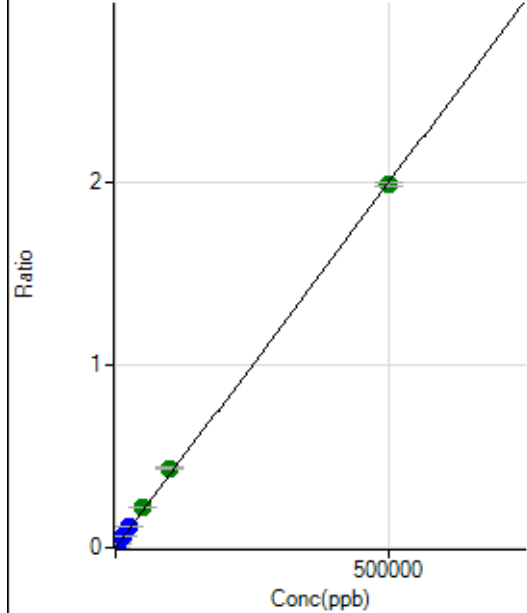
$$y = 8.0050E-004 * x + 0.1098$$

$$R = 1.0000$$

$$DL = 3.54$$

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	255.56	0.0000	P	9.3
2	☐	500.000	471.210	17917.35	0.0019	P	2.4
3	☐	5000.000	5713.320	209699.24	0.0228	P	6.4
4	☐	12500.000	14632.447	493121.13	0.0583	P	0.9
5	☐	25000.000	29607.010	980390.18	0.1180	P	3.4
6	☐	50000.000	56168.207	1893492.85	0.2238	A	1.3
7	☐	100000.00	109172.19	3704699.53	0.4349	A	2.4
8	☐	500000.00	497257.97	17088466.27	1.9810	A	0.9

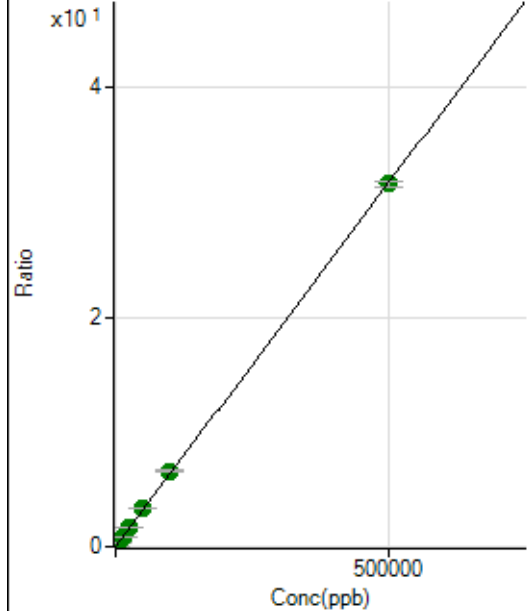
$$y = 3.9837E-006 * x + 2.7703E-005$$

$$R = 0.9998$$

$$DL = 1.935$$

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	17333.83	0.0019	P	1.5
2	☐	500.000	474.289	300590.04	0.0320	P	2.1
3	☐	5000.000	5168.906	3034256.97	0.3297	A	6.0
4	☐	12500.000	13264.603	7128815.52	0.8431	A	0.2
5	☐	25000.000	27227.402	14364533.12	1.7286	A	3.5
6	☐	50000.000	52691.855	28289532.91	3.3435	A	1.5
7	☐	100000.00	104136.37	56270689.72	6.6060	A	2.2
8	☐	500000.00	498771.39	272860958.1	31.6328	A	1.3

$$y = 6.3418E-005 * x + 0.0019$$

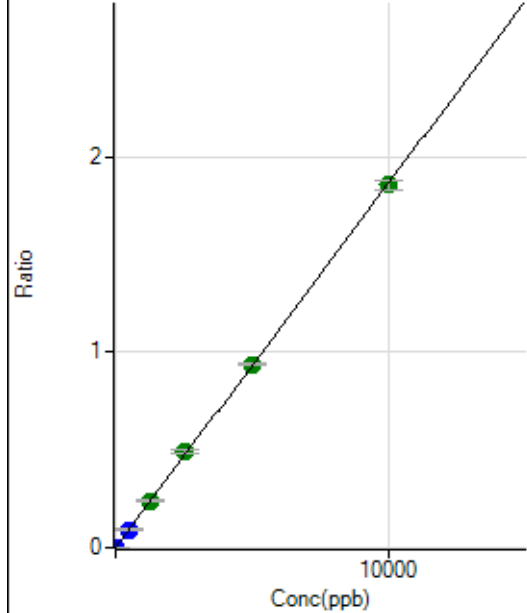
$$R = 1.0000$$

$$DL = 1.356$$

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	170.01	0.0000	P	20.9
2	☐	5.000	4.426	7929.92	0.0008	P	2.5
3	☐	500.000	493.311	846005.26	0.0919	P	6.6
4	☐	1250.000	1287.422	2028626.15	0.2399	A	1.2
5	☐	2500.000	2618.147	4053696.15	0.4879	A	4.2
6	☐	5000.000	5022.163	7918343.98	0.9359	A	1.4
7	☐	10000.000	9955.038	15800961.01	1.8551	A	2.3
8	☐			1582.32	0.0002	P	2.0

$$y = 1.8634E-004 * x + 1.8385E-005$$

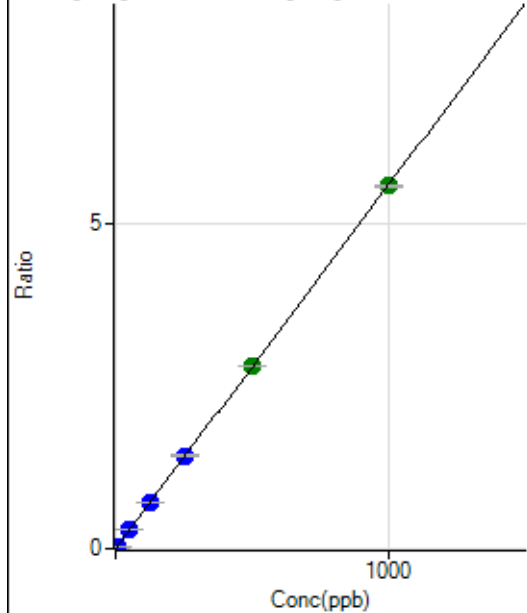
$$R = 0.9999$$

$$DL = 0.06184$$

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	8.89	0.0000	P	78.7
2	☐	5.000	4.750	20581.90	0.0267	P	0.8
3	☐	50.000	52.246	215091.93	0.2932	P	0.4
4	☐	125.000	128.905	524861.99	0.7234	P	0.4
5	☐	250.000	255.917	1045079.28	1.4361	P	1.1
6	☐	500.000	500.851	2032623.12	2.8106	A	0.4
7	☐	1000.000	997.496	4042721.16	5.5976	A	0.7
8	☐			1277.84	0.0018	P	3.9

$$y = 0.0056 * x + 1.1683E-005$$

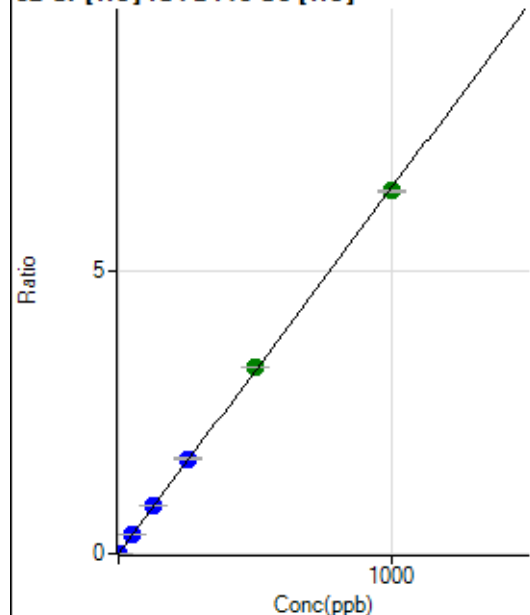
$$R = 1.0000$$

$$DL = 0.004915$$

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	2167.96	0.0028	P	4.9
2	☐	2.000	2.033	12325.12	0.0160	P	1.6
3	☐	50.000	52.788	252092.80	0.3436	P	0.6
4	☐	125.000	130.305	612439.66	0.8441	P	0.5
5	☐	250.000	258.617	1217039.29	1.6724	P	1.2
6	☐	500.000	509.899	2382971.48	3.2947	A	0.8
7	☐	1000.000	992.094	4627927.78	6.4076	A	0.4
8	☐			28687.36	0.0396	P	1.8

$$y = 0.0065 * x + 0.0028$$

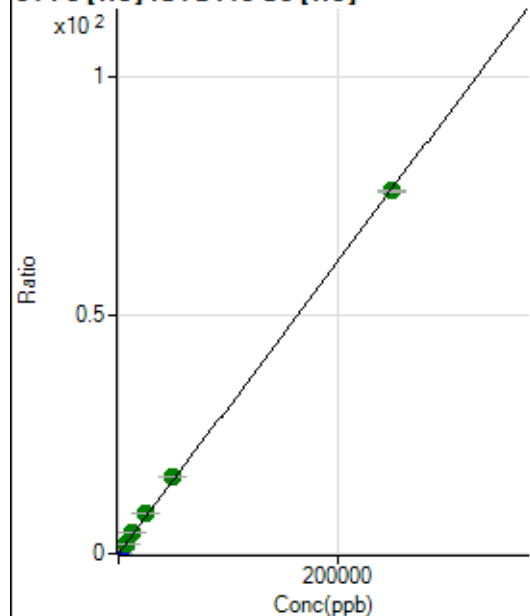
$$R = 0.9999$$

$$DL = 0.06433$$

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	2075.72	0.0027	P	5.6
2	☐	50.000	53.655	14742.85	0.0191	P	1.1
3	☐	2500.000	2953.510	663536.77	0.9045	P	0.4
4	☐	6250.000	6935.278	1538373.14	2.1202	A	0.9
5	☐	12500.000	13923.477	3095683.18	4.2538	A	0.9
6	☐	25000.000	27392.500	6051062.00	8.3661	A	1.0
7	☐	50000.000	53363.908	11769669.13	16.2956	A	0.2
8	☐	250000.00	248995.12	55138891.95	76.0252	A	0.3

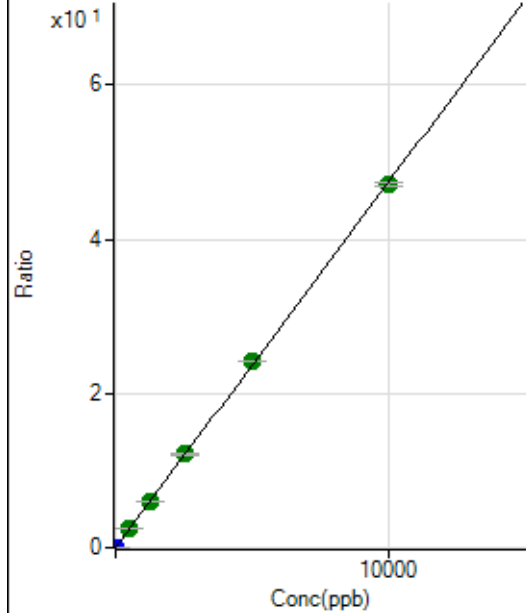
$$y = 3.0532E-004 * x + 0.0027$$

$$R = 0.9999$$

$$DL = 1.484$$

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	247.78	0.0003	P	6.8
2	☐	1.000	1.022	3987.23	0.0052	P	0.9
3	☐	500.000	521.645	1813226.35	2.4716	A	1.0
4	☐	1250.000	1279.261	4397598.61	6.0607	A	0.2
5	☐	2500.000	2553.164	8802879.10	12.0958	A	0.9
6	☐	5000.000	5107.385	17498512.52	24.1963	A	0.6
7	☐	10000.000	9928.277	33969460.33	47.0349	A	0.9
8	☐			25014.22	0.0345	P	0.3

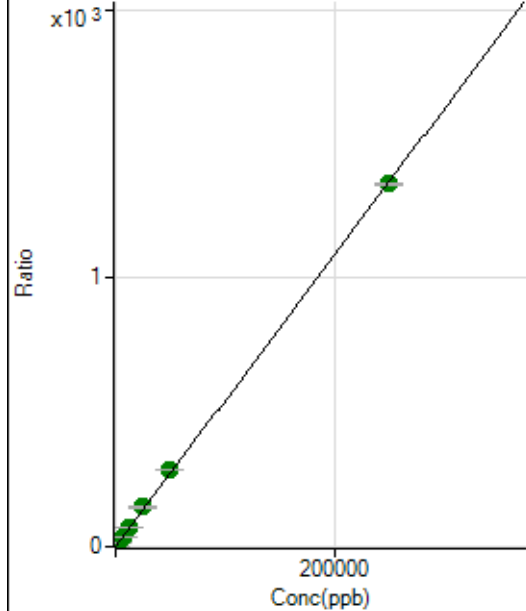
$$y = 0.0047 * x + 3.2453E-004$$

$$R = 0.9999$$

$$DL = 0.014$$

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	16638.19	0.0218	P	1.7
2	☐	50.000	52.557	236912.38	0.3069	P	0.5
3	☐	2500.000	2784.607	11098937.89	15.1289	A	0.8
4	☐	6250.000	6855.523	27001067.93	37.2144	A	1.0
5	☐	12500.000	13588.210	53663604.76	73.7406	A	0.7
6	☐	25000.000	27105.447	106353677.3	147.0744	A	1.5
7	☐	50000.000	52799.943	206877285.8	286.4724	A	1.9
8	☐	250000.00	249157.07	980391967.6	1,351.750	A	0.7

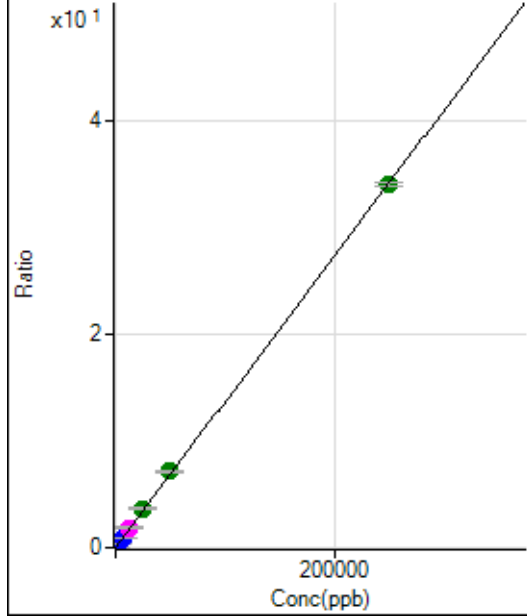
$$y = 0.0054 * x + 0.0218$$

$$R = 0.9999$$

$$DL = 0.2036$$

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	1125.61	0.0015	P	6.3
2	☐	50.000	52.029	6619.30	0.0086	P	2.9
3	☐	2500.000	2903.471	291776.07	0.3977	P	0.3
4	☐	6250.000	7142.793	708354.48	0.9763	P	0.4
5	☐	12500.000	13664.567	1357782.53	1.8663	M	4.1
6	☐	25000.000	26951.689	2660914.06	3.6796	A	1.1
7	☐	50000.000	52232.857	5148538.64	7.1298	A	2.8
8	☐	250000.00	249273.67	24674189.63	34.0206	A	1.0

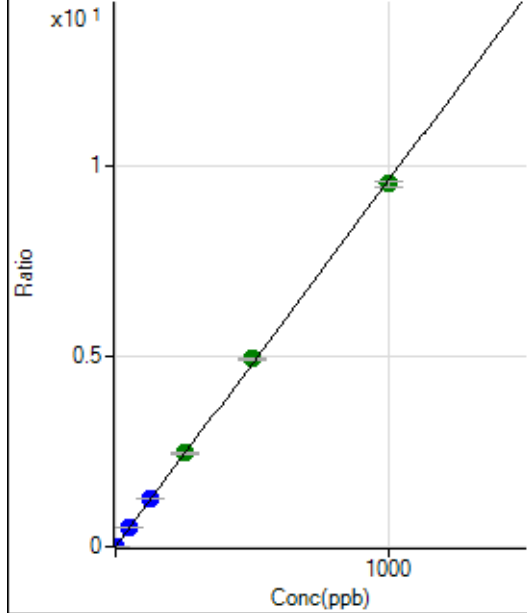
$$y = 1.3647E-004 * x + 0.0015$$

$$R = 0.9999$$

$$DL = 2.057$$

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	77.78	0.0001	P	25.8
2	☐	1.000	0.981	7371.88	0.0096	P	1.8
3	☐	50.000	52.961	374170.08	0.5100	P	0.6
4	☐	125.000	131.345	917707.49	1.2648	P	0.4
5	☐	250.000	256.179	1794987.21	2.4667	A	1.8
6	☐	500.000	513.050	3572224.53	4.9400	A	1.5
7	☐	1000.000	990.989	6890933.44	9.5419	A	1.7
8	☐			19022.17	0.0262	P	0.5

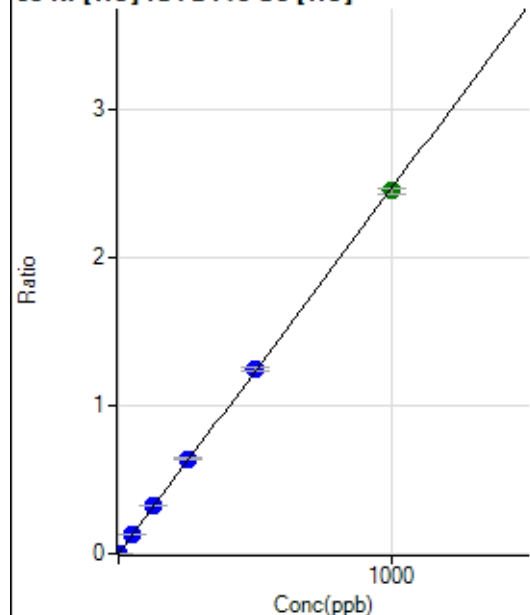
$$y = 0.0096 * x + 1.0183E-004$$

$$R = 0.9998$$

$$DL = 0.008189$$

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	146.67	0.0002	P	14.4
2	☐	1.000	1.057	2161.29	0.0028	P	6.6
3	☐	50.000	54.152	98145.29	0.1338	P	1.3
4	☐	125.000	132.195	236760.59	0.3263	P	0.7
5	☐	250.000	259.380	465770.28	0.6401	P	1.4
6	☐	500.000	506.491	903638.99	1.2497	P	1.7
7	☐	1000.000	993.302	1769754.07	2.4506	A	1.6
8	☐			9430.82	0.0130	P	1.1

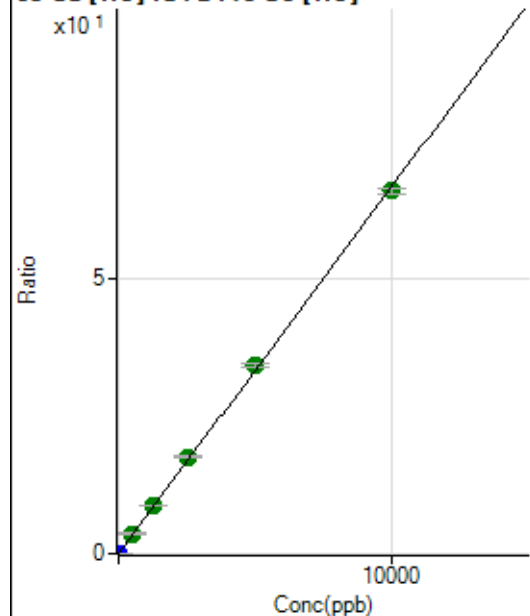
$$y = 0.0025 * x + 1.9206E-004$$

$$R = 0.9999$$

$$DL = 0.03365$$

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	1204.50	0.0016	P	2.9
2	☐	2.000	2.079	11913.71	0.0154	P	0.4
3	☐	500.000	549.999	2691032.25	3.6682	A	0.7
4	☐	1250.000	1329.047	6429769.62	8.8617	A	0.5
5	☐	2500.000	2625.611	12737919.67	17.5053	A	1.9
6	☐	5000.000	5128.621	24724306.85	34.1917	A	1.5
7	☐	10000.000	9891.906	47626453.74	65.9462	A	1.4
8	☐			13893.23	0.0192	P	1.9

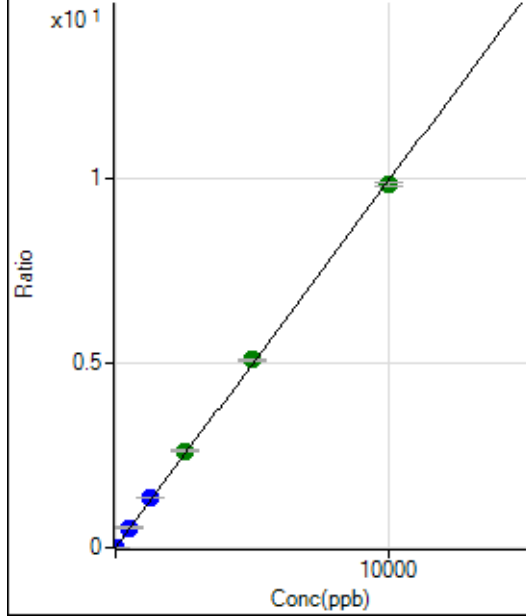
$$y = 0.0067 * x + 0.0016$$

$$R = 0.9998$$

$$DL = 0.02041$$

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	644.46	0.0008	P	9.9
2	☐	2.000	2.373	2471.35	0.0032	P	6.8
3	☐	500.000	549.512	401000.21	0.5466	P	0.8
4	☐	1250.000	1358.278	979430.42	1.3499	P	0.5
5	☐	2500.000	2635.767	1905462.90	2.6187	A	2.1
6	☐	5000.000	5121.110	3678662.45	5.0871	A	1.1
7	☐	10000.000	9889.493	7094390.45	9.8230	A	1.1
8	☐			8292.37	0.0114	P	1.5

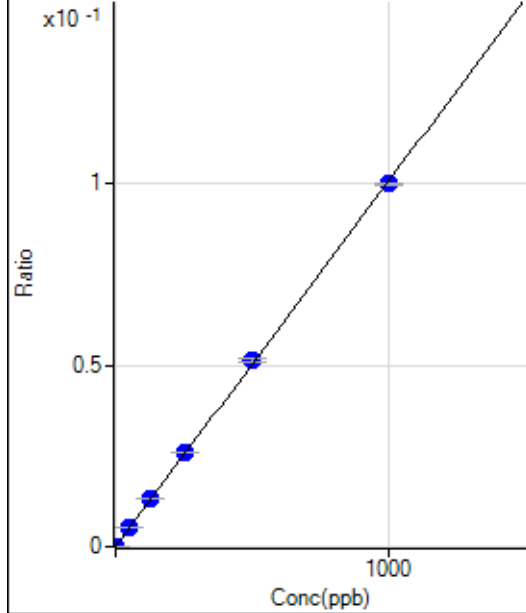
$$y = 9.9319\text{E-}004 * x + 8.4456\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.2531$$

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	4.44	0.0000	P	44.1
2	☐	1.000	0.996	496.68	0.0001	P	10.1
3	☐	50.000	52.233	24440.17	0.0053	P	1.7
4	☐	125.000	129.677	60036.44	0.0130	P	0.8
5	☐	250.000	257.619	118126.08	0.0259	P	1.8
6	☐	500.000	508.604	232513.40	0.0512	P	2.3
7	☐	1000.000	993.097	454405.67	0.0999	P	0.5
8	☐			170.00	0.0000	P	15.1

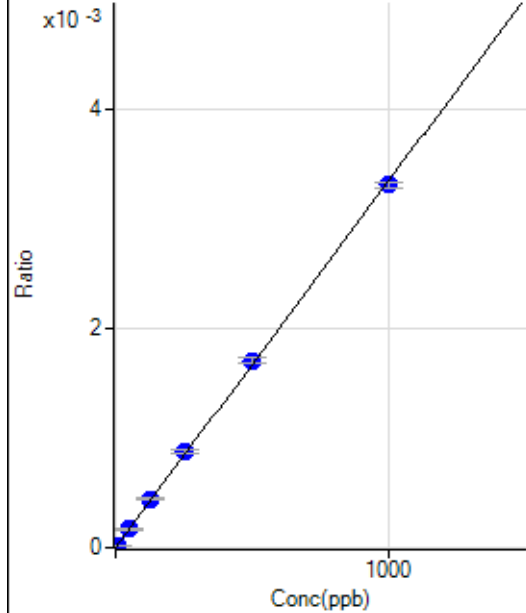
$$y = 1.0057\text{E-}004 * x + 9.2198\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.01212$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.532	74.44	0.0000	P	3.3
3	☐	50.000	50.372	783.36	0.0002	P	2.8
4	☐	125.000	133.313	2051.27	0.0004	P	1.3
5	☐	250.000	263.538	4015.02	0.0009	P	4.2
6	☐	500.000	511.433	7770.99	0.0017	P	2.5
7	☐	1000.000	989.844	15053.30	0.0033	P	1.4
8	☐			72.22	0.0000	P	31.7

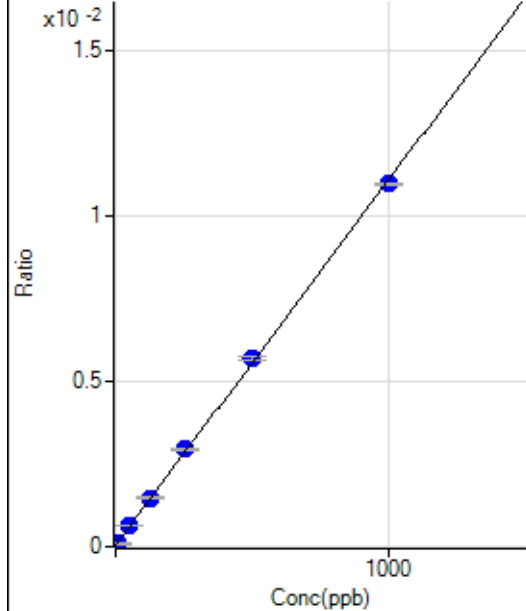
$$y = 3.3427\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

$$DL = 0$$

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	193.33	0.0000	P	7.6
2	☐	5.000	4.583	445.57	0.0001	P	12.7
3	☐	50.000	54.734	2992.56	0.0006	P	1.7
4	☐	125.000	130.314	6797.19	0.0015	P	1.9
5	☐	250.000	262.434	13367.24	0.0029	P	3.7
6	☐	500.000	512.379	25852.58	0.0057	P	2.8
7	☐	1000.000	989.803	49822.59	0.0109	P	0.8
8	☐			513.35	0.0001	P	4.7

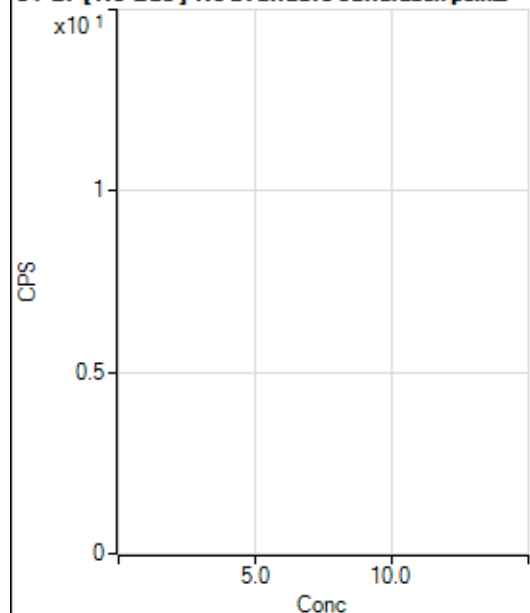
$$y = 1.1022\text{E-}005 * x + 4.0041\text{E-}005$$

$$R = 0.9998$$

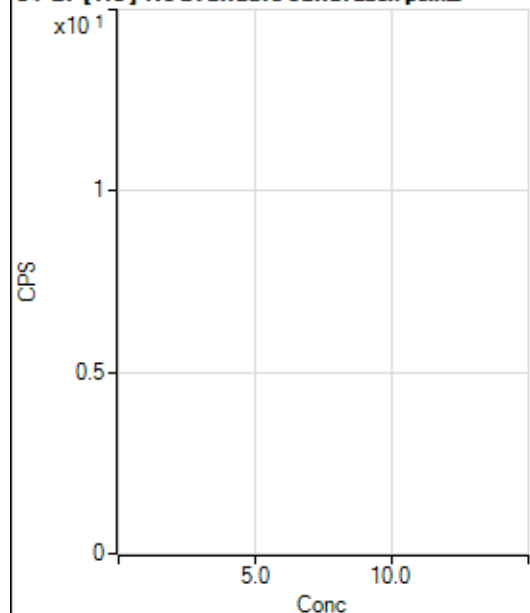
$$DL = 0.8322$$

Weight: <None>

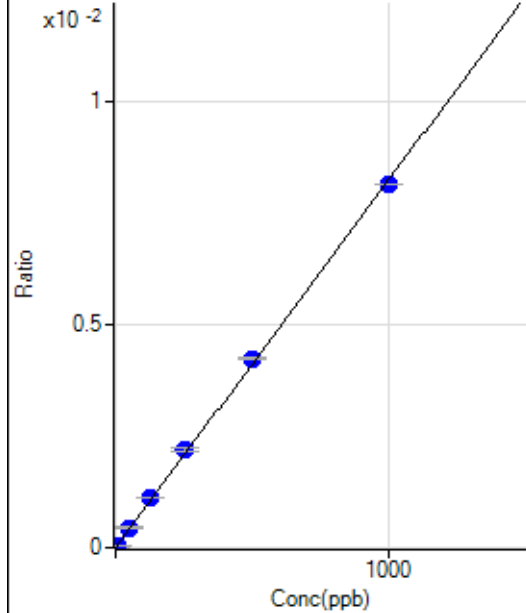
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16516.03		P	2.3
2	☐			16829.71		P	2.0
3	☐			16688.44		P	2.4
4	☐			15759.64		P	1.1
5	☐			14989.96		P	0.4
6	☐			15197.95		P	1.3
7	☐			15685.15		P	0.5
8	☐			18513.97		P	3.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	23.7
2	☐			138.89		P	7.3
3	☐			96.67		P	17.9
4	☐			116.67		P	13.1
5	☐			120.00		P	10.0
6	☐			104.44		P	18.4
7	☐			85.56		P	9.0
8	☐			541.13		P	10.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-10.54	0.0000	P	-366.
2	☐	5.000	5.161	925.02	0.0000	P	7.0
3	☐	50.000	53.032	9352.49	0.0004	P	7.7
4	☐	125.000	134.443	22482.39	0.0011	P	1.3
5	☐	250.000	268.234	44262.49	0.0022	P	4.0
6	☐	500.000	513.193	86623.27	0.0042	P	1.1
7	☐	1000.000	987.512	166649.13	0.0081	P	0.1
8	☐			947.70	0.0000	P	2.4

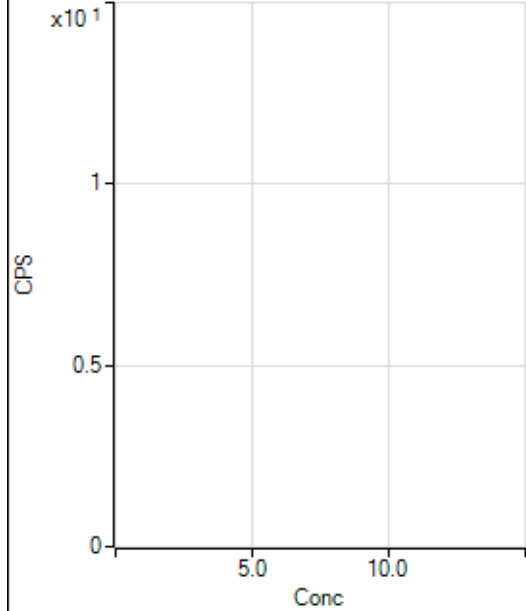
$$y = 8.2448\text{E-}006 * x - 4.8896\text{E-}007$$

$$R = 0.9997$$

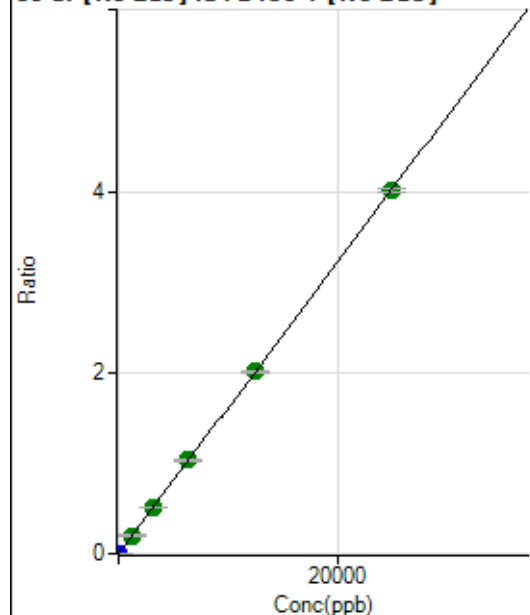
$$DL = 0.6511$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			175.56		P	18.2
2	☐			165.56		P	18.3
3	☐			163.34		P	16.2
4	☐			145.56		P	20.7
5	☐			147.78		P	15.4
6	☐			155.56		P	17.5
7	☐			183.34		P	18.5
8	☐			184.45		P	7.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0000	P	18.4
2	☐	1.000	0.890	3468.21	0.0002	P	2.6
3	☐	1250.000	1239.818	4266452.78	0.1992	A	6.8
4	☐	3125.000	3179.764	10364058.94	0.5108	A	0.9
5	☐	6250.000	6431.180	20684346.50	1.0330	A	2.8
6	☐	12500.000	12520.397	41176881.33	2.0111	A	1.2
7	☐	25000.000	24938.170	81992774.89	4.0056	A	1.1
8	☐			8509.20	0.0004	P	5.5

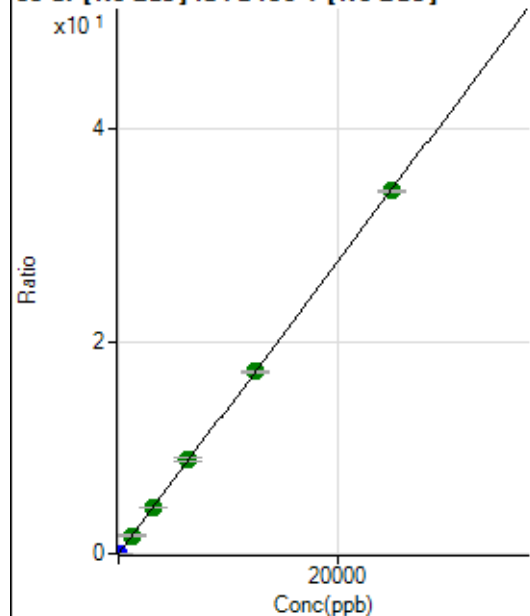
$$y = 1.6062\text{E-}004 * x + 1.4715\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05044$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	371.12	0.0000	P	2.7
2	☐	1.000	0.912	27867.60	0.0013	P	4.0
3	☐	1250.000	1253.965	36817511.40	1.7191	A	7.5
4	☐	3125.000	3166.633	88093813.13	4.3413	A	0.8
5	☐	6250.000	6478.710	177843827.3	8.8820	A	2.9
6	☐	12500.000	12530.626	351737670.3	17.1789	A	1.2
7	☐	25000.000	24922.107	699385811.8	34.1669	A	0.5
8	☐			71807.87	0.0036	P	6.6

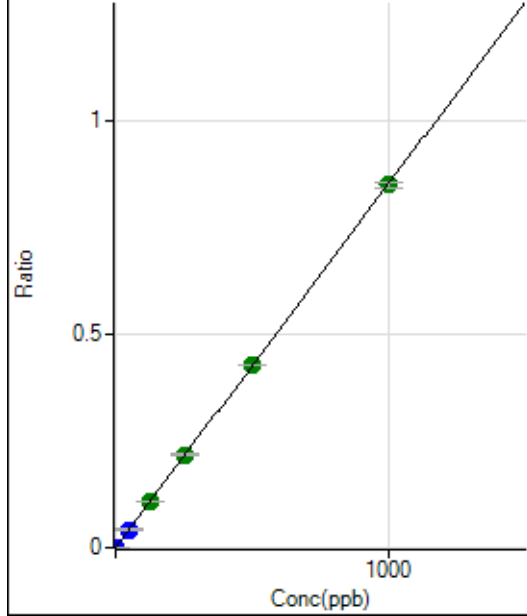
$$y = 0.0014 * x + 1.7359\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.001018$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	816.70	0.0000	P	11.2
2	☐	1.000	0.839	16575.04	0.0008	P	3.7
3	☐	50.000	49.694	908541.44	0.0424	P	7.6
4	☐	125.000	127.644	2209998.16	0.1089	A	0.2
5	☐	250.000	255.538	4364524.59	0.2180	A	3.4
6	☐	500.000	502.433	8775231.95	0.4286	A	0.6
7	☐	1000.000	997.084	17409194.19	0.8505	A	1.6
8	☐			7605.38	0.0004	P	2.7

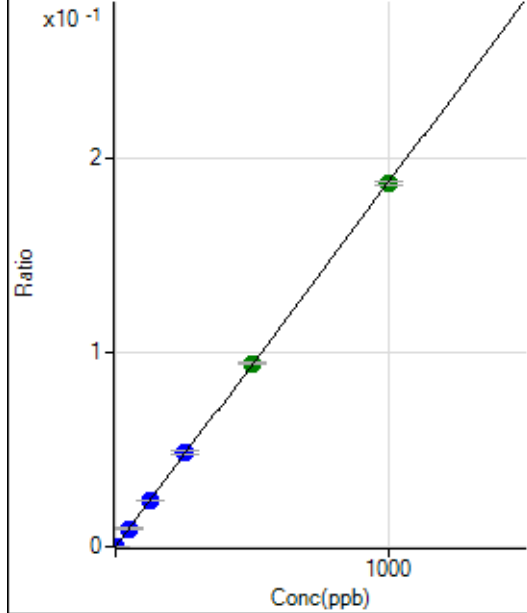
$$y = 8.5294\text{E-}004 * x + 3.8210\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0151$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.33	0.0000	P	12.8
2	☐	1.000	0.833	3563.80	0.0002	P	3.1
3	☐	50.000	50.031	201281.10	0.0094	P	7.7
4	☐	125.000	129.079	491903.51	0.0242	P	0.2
5	☐	250.000	260.166	977968.46	0.0489	P	4.1
6	☐	500.000	502.613	1932327.33	0.0944	A	0.8
7	☐	1000.000	995.641	3826655.04	0.1869	A	1.2
8	☐			1576.77	0.0001	P	6.8

$$y = 1.8776\text{E-}004 * x + 5.7711\text{E-}006$$

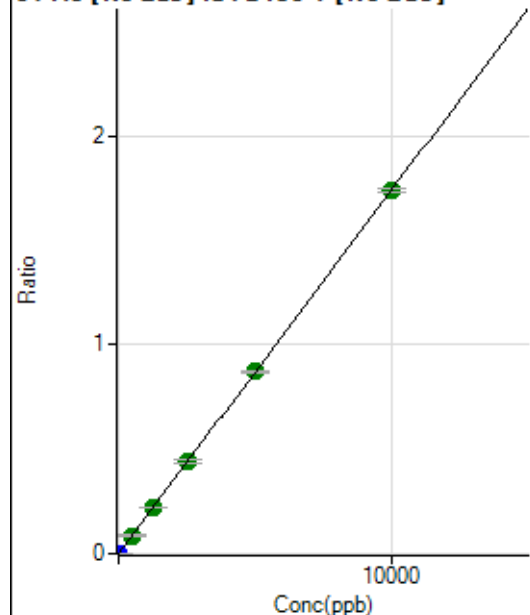
$$R = 0.9999$$

$$DL = 0.01184$$

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	247.78	0.0000	P	14.5
2	☐	5.000	5.049	19560.95	0.0009	P	2.1
3	☐	500.000	498.536	1857219.05	0.0867	A	7.7
4	☐	1250.000	1262.098	4454906.57	0.2195	A	0.5
5	☐	2500.000	2563.471	8926158.90	0.4459	A	4.1
6	☐	5000.000	5004.431	17823174.18	0.8705	A	1.2
7	☐	10000.000	9980.478	35535715.86	1.7360	A	1.1
8	☐			9049.53	0.0005	P	5.3

$$y = 1.7394\text{E-}004 * x + 1.1594\text{E-}005$$

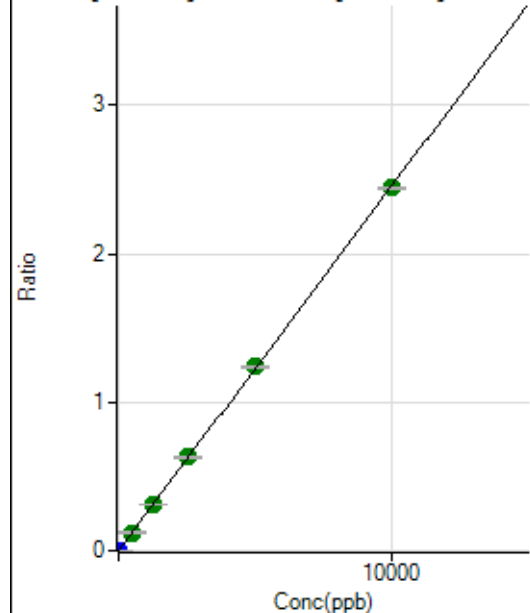
$$R = 1.0000$$

$$DL = 0.029$$

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	92.22	0.0000	P	3.9
2	☐	5.000	4.488	24306.92	0.0011	P	1.8
3	☐	500.000	497.733	2618275.12	0.1222	A	5.6
4	☐	1250.000	1274.133	6345339.21	0.3127	A	0.7
5	☐	2500.000	2570.955	12633433.42	0.6310	A	3.1
6	☐	5000.000	5043.289	25341692.12	1.2377	A	0.7
7	☐	10000.000	9957.714	50023496.48	2.4438	A	0.2
8	☐			11561.36	0.0006	P	8.6

$$y = 2.4542\text{E-}004 * x + 4.3134\text{E-}006$$

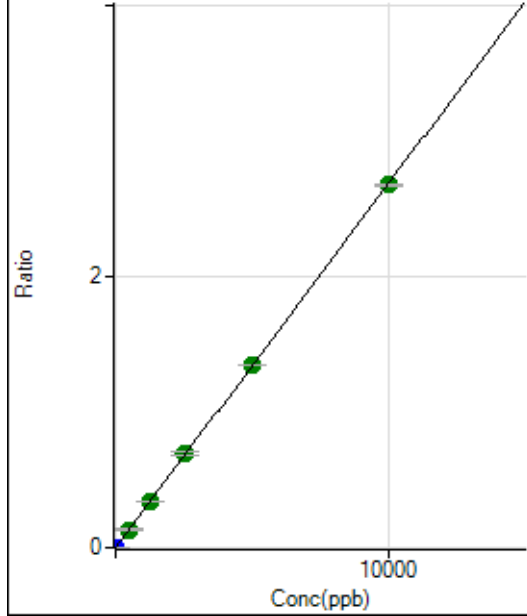
$$R = 1.0000$$

$$DL = 0.002056$$

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	126.67	0.0000	P	14.3
2	☐	5.000	4.540	26894.81	0.0012	P	4.0
3	☐	500.000	501.629	2882975.69	0.1346	A	6.7
4	☐	1250.000	1273.210	6931000.80	0.3416	A	1.1
5	☐	2500.000	2582.924	13871597.29	0.6929	A	3.8
6	☐	5000.000	5024.171	27595348.48	1.3478	A	0.6
7	☐	10000.000	9964.201	54715270.30	2.6730	A	0.6
8	☐			18983.53	0.0010	P	2.6

$$y = 2.6826\text{E-}004 * x + 5.9228\text{E-}006$$

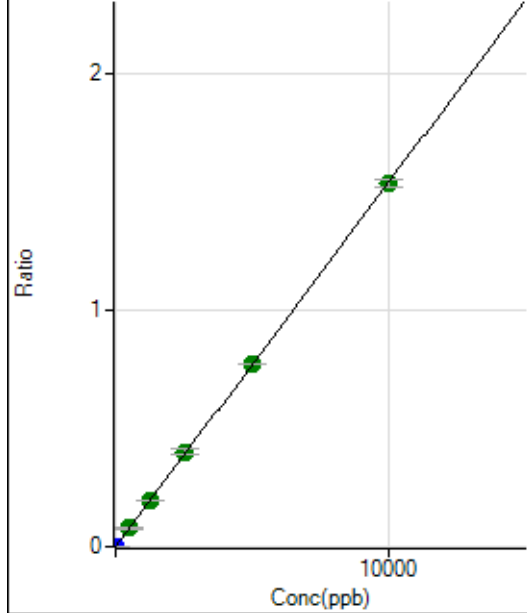
$$R = 1.0000$$

$$DL = 0.009478$$

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	57.78	0.0000	P	38.2
2	☐	5.000	4.397	14913.26	0.0007	P	0.4
3	☐	500.000	503.976	1658983.14	0.0774	A	6.7
4	☐	1250.000	1271.914	3965713.55	0.1954	A	0.5
5	☐	2500.000	2610.420	8028684.53	0.4011	A	4.4
6	☐	5000.000	5011.315	15765542.12	0.7700	A	0.6
7	☐	10000.000	9963.800	31337176.48	1.5309	A	2.2
8	☐			6275.86	0.0003	P	3.2

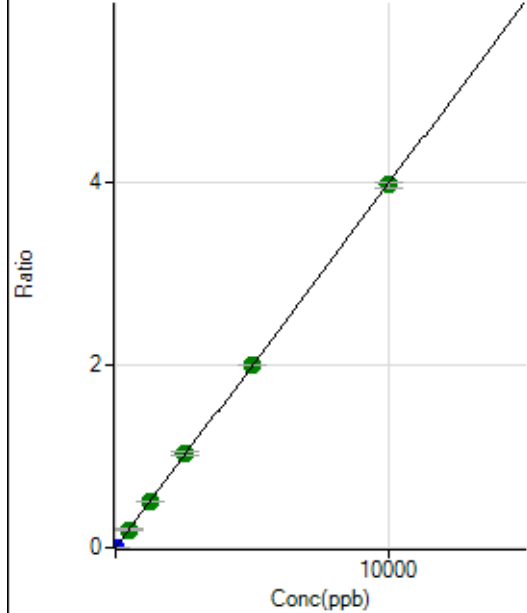
$$y = 1.5365\text{E-}004 * x + 2.6998\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02011$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.67	0.0000	P	5.0
2	☐	5.000	4.485	39543.50	0.0018	P	3.1
3	☐	500.000	498.605	4268249.35	0.1993	A	7.4
4	☐	1250.000	1276.603	10353671.86	0.5103	A	0.9
5	☐	2500.000	2604.973	20842304.83	1.0412	A	4.2
6	☐	5000.000	5014.076	41033423.83	2.0041	A	0.7
7	☐	10000.000	9963.463	81514192.67	3.9823	A	1.5
8	☐			14667.45	0.0007	P	5.7

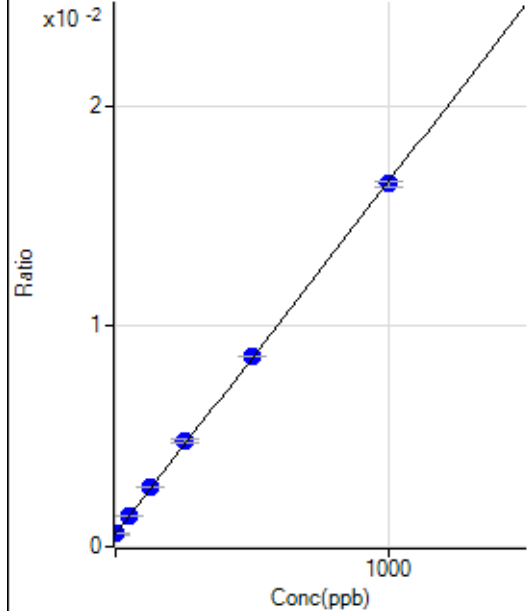
$$y = 3.9969\text{E-}004 * x + 6.3930\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.002382$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8923.95	0.0006	P	2.8
2	☐	1.000	0.288	9319.76	0.0006	P	2.4
3	☐	50.000	52.339	22299.54	0.0014	P	4.5
4	☐	125.000	132.322	41644.17	0.0027	P	0.5
5	☐	250.000	264.248	73516.41	0.0048	P	3.4
6	☐	500.000	504.042	134958.24	0.0086	P	0.7
7	☐	1000.000	993.386	253908.92	0.0165	P	1.4
8	☐			8562.61	0.0006	P	3.3

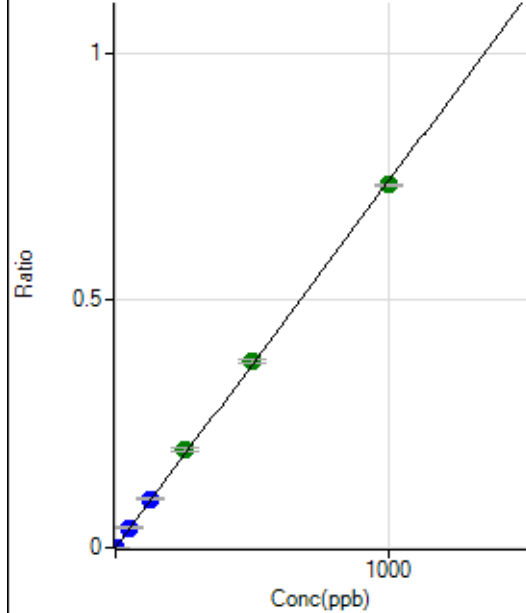
$$y = 1.5999\text{E-}005 * x + 5.7047\text{E-}004$$

$$R = 0.9999$$

$$DL = 3.039$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.11	0.0000	P	7.7
2	☐	1.000	0.937	11344.53	0.0007	P	5.7
3	☐	50.000	54.404	637086.02	0.0403	P	8.2
4	☐	125.000	133.574	1532545.53	0.0989	P	0.6
5	☐	250.000	268.142	3040714.54	0.1985	A	5.1
6	☐	500.000	507.344	5870475.12	0.3756	A	2.3
7	☐	1000.000	990.501	11311052.19	0.7334	A	0.7
8	☐			2349.10	0.0002	P	2.0

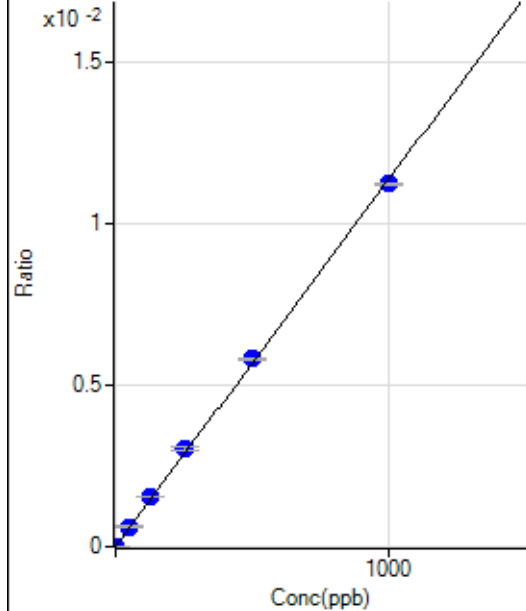
$$y = 7.4040\text{E-}004 * x + 6.4666\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.002023$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	18.8
2	☐	1.000	0.848	173.34	0.0000	P	8.2
3	☐	50.000	53.085	9559.89	0.0006	P	8.2
4	☐	125.000	134.235	23656.10	0.0015	P	0.7
5	☐	250.000	267.404	46589.06	0.0030	P	3.0
6	☐	500.000	511.283	90841.24	0.0058	P	0.9
7	☐	1000.000	988.699	173324.88	0.0112	P	0.7
8	☐			155.56	0.0000	P	19.2

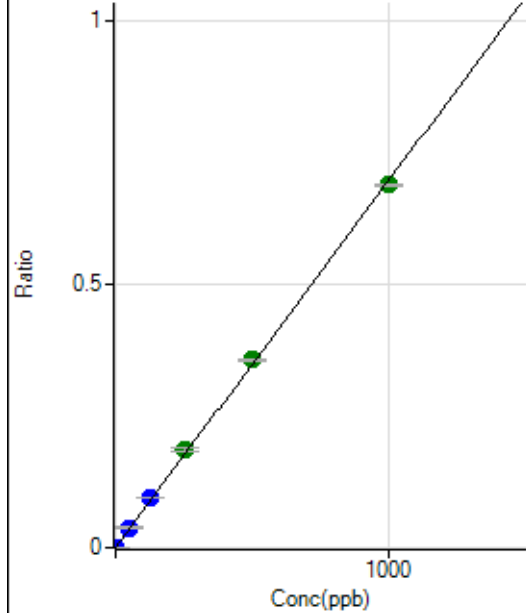
$$y = 1.1365\text{E-}005 * x + 1.0637\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.05274$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	28.4
2	☐	1.000	0.958	10860.86	0.0007	P	5.2
3	☐	50.000	54.285	598352.11	0.0378	P	7.9
4	☐	125.000	134.176	1448899.84	0.0935	P	0.3
5	☐	250.000	265.670	2836556.76	0.1851	A	3.8
6	☐	500.000	511.421	5570875.99	0.3564	A	0.9
7	☐	1000.000	989.011	10629726.58	0.6892	A	0.7
8	☐			2122.40	0.0001	P	1.3

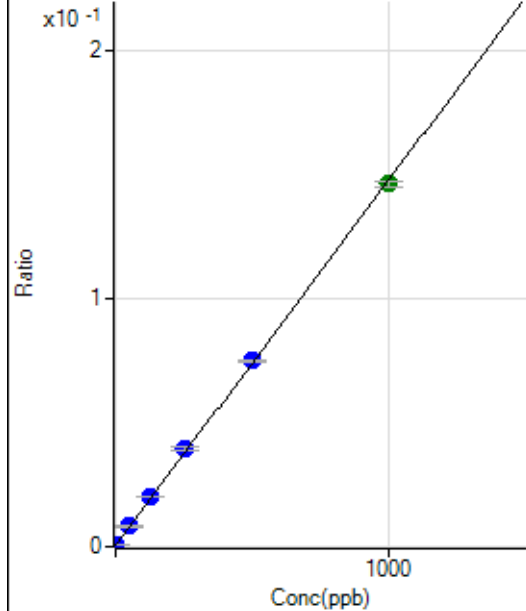
$$y = 6.9686\text{E-}004 * x + 3.1316\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.003829$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6251.77	0.0004	P	2.9
2	☐	1.000	0.947	8738.26	0.0005	P	2.2
3	☐	50.000	53.757	131742.36	0.0083	P	7.1
4	☐	125.000	134.418	313337.20	0.0202	P	0.5
5	☐	250.000	266.386	607933.43	0.0397	P	3.9
6	☐	500.000	507.906	1176910.37	0.0753	P	1.0
7	☐	1000.000	990.585	2259009.94	0.1465	A	1.5
8	☐			6816.09	0.0005	P	2.4

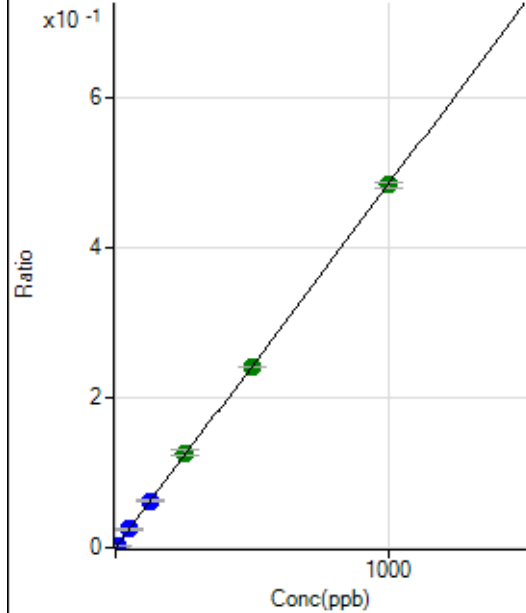
$$y = 1.4746\text{E-}004 * x + 3.9965\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.2319$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1334.52	0.0001	P	4.9
2	☐	5.000	4.670	38043.62	0.0023	P	2.8
3	☐	50.000	51.411	395381.82	0.0250	P	8.0
4	☐	125.000	129.321	972448.43	0.0628	P	0.8
5	☐	250.000	261.654	1943401.62	0.1269	A	5.0
6	☐	500.000	496.916	3765546.71	0.2409	A	0.5
7	☐	1000.000	998.020	7460481.97	0.4837	A	1.8
8	☐			5223.21	0.0004	P	1.1

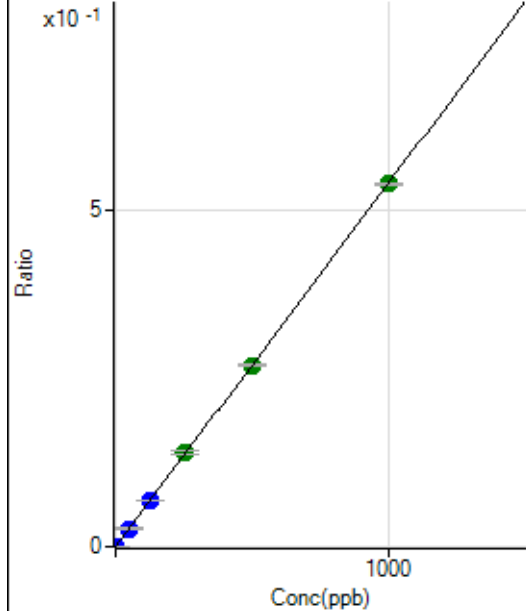
$$y = 4.8462\text{E-}004 * x + 8.5294\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02584$$

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	111.11	0.0000	P	16.6
2	☐	2.000	1.839	16158.08	0.0010	P	3.4
3	☐	50.000	50.180	427692.29	0.0270	P	7.7
4	☐	125.000	126.353	1054848.93	0.0681	P	0.6
5	☐	250.000	258.548	2133914.20	0.1393	A	3.8
6	☐	500.000	499.346	4204046.29	0.2690	A	1.7
7	☐	1000.000	998.012	8291710.57	0.5376	A	0.8
8	☐			5364.39	0.0004	P	5.3

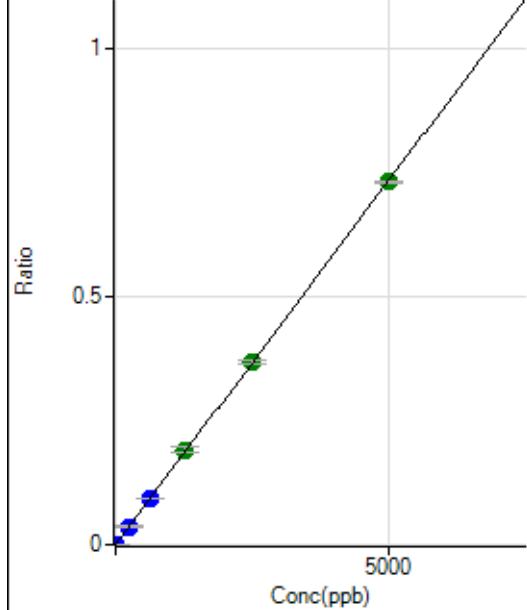
$$y = 5.3868\text{E-}004 * x + 7.0960\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006553$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	24.5
2	☐	10.000	8.989	21372.83	0.0013	P	2.8
3	☐	250.000	248.882	576790.67	0.0365	P	7.6
4	☐	625.000	623.320	1415061.65	0.0913	P	0.3
5	☐	1250.000	1298.758	2913102.98	0.1903	A	6.4
6	☐	2500.000	2503.909	5733288.73	0.3668	A	1.7
7	☐	5000.000	4986.124	11266273.03	0.7305	A	0.5
8	☐			6076.92	0.0004	P	0.5

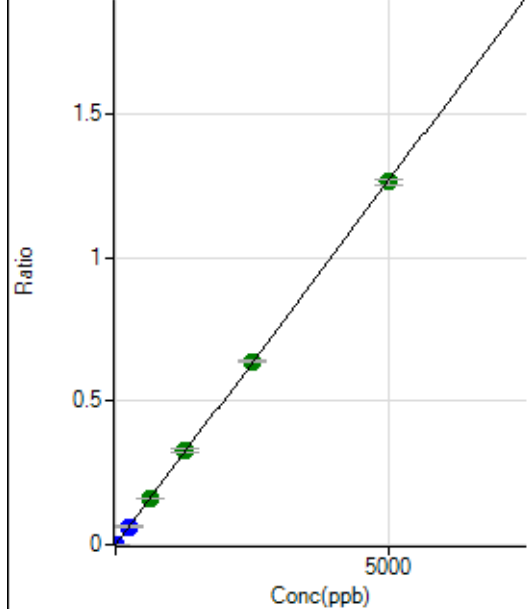
$$y = 1.4650E-004 * x + 2.4104E-006$$

$$R = 0.9999$$

$$DL = 0.01211$$

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	65.55	0.0000	P	15.5
2	☐	10.000	8.964	36954.82	0.0023	P	2.8
3	☐	250.000	248.562	998780.05	0.0631	P	7.7
4	☐	625.000	627.620	2470767.90	0.1594	A	1.4
5	☐	1250.000	1292.103	5028311.42	0.3282	A	3.9
6	☐	2500.000	2510.738	9969171.66	0.6378	A	1.0
7	☐	5000.000	4983.852	19525094.85	1.2660	A	1.2
8	☐			10632.97	0.0007	P	1.4

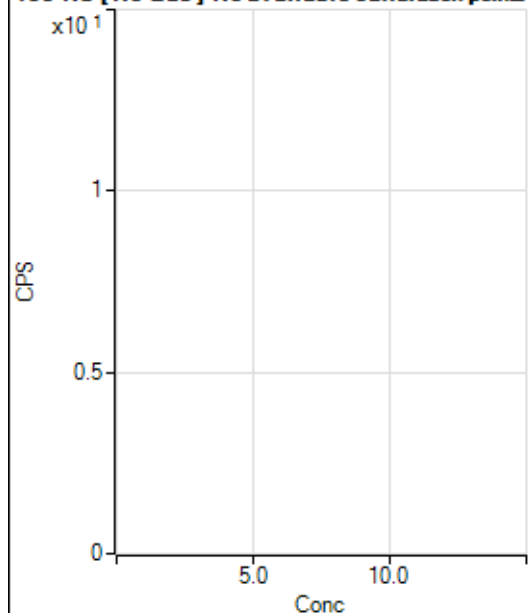
$$y = 2.5402E-004 * x + 4.1861E-006$$

$$R = 1.0000$$

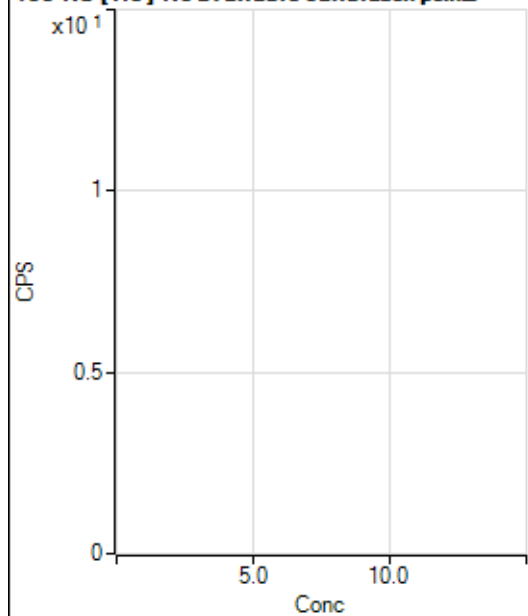
$$DL = 0.00764$$

Weight: <None>

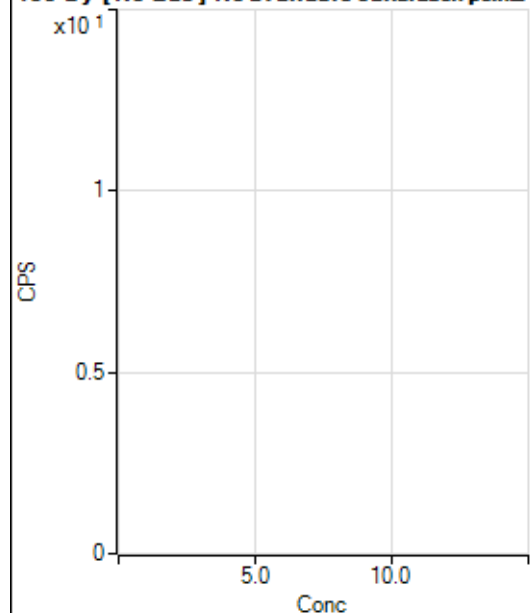
Min Conc: 0

150 Nd [No Gas] No available calibration points

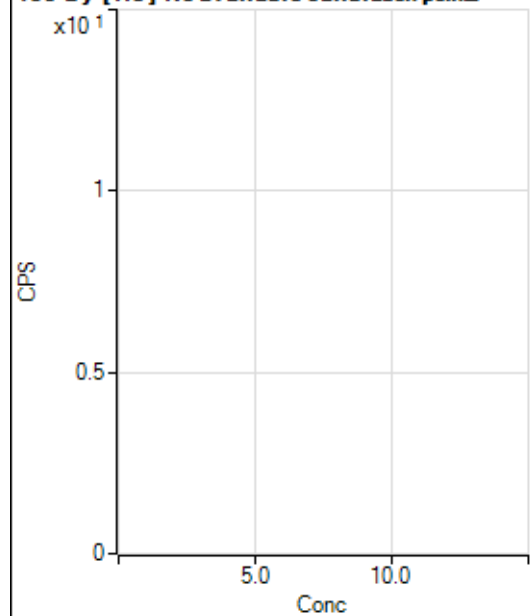
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			10.00		P	0.0
3	☐			76.67		P	26.4
4	☐			134.45		P	2.9
5	☐			284.45		P	10.9
6	☐			554.46		P	9.8
7	☐			1142.28		P	5.9
8	☐			341.12		P	5.4

150 Nd [He] No available calibration points

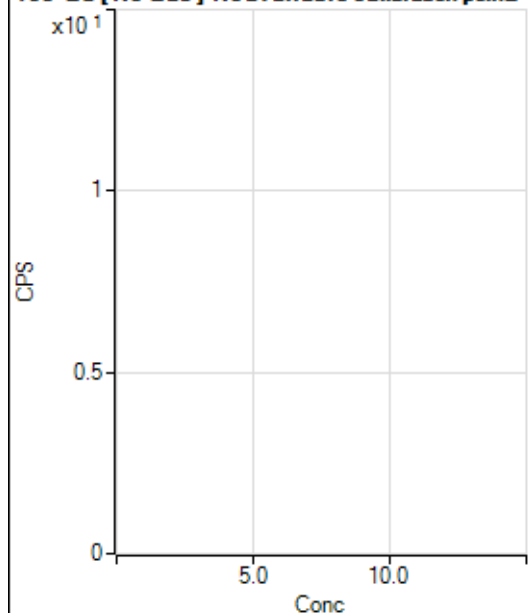
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐			6.67		P	100.0
3	☐			6.67		P	100.0
4	☐			28.89		P	46.6
5	☐			56.67		P	11.8
6	☐			112.22		P	13.7
7	☐			236.67		P	9.2
8	☐			191.11		P	4.4

156 Dy [No Gas] No available calibration points

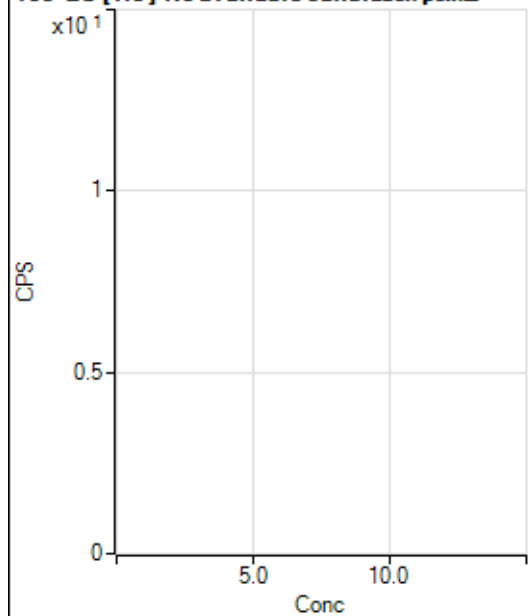
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			8.89		P	21.6
3	☐			48.89		P	45.4
4	☐			105.56		P	15.6
5	☐			190.00		P	4.6
6	☐			388.90		P	7.3
7	☐			780.03		P	7.8
8	☐			2145.74		P	2.8

156 Dy [He] No available calibration points

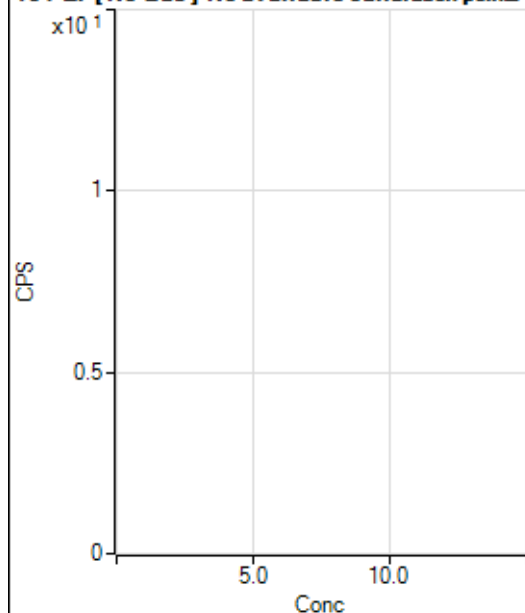
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			5.55		P	69.3
3	☐			35.55		P	10.8
4	☐			102.22		P	15.1
5	☐			176.67		P	8.2
6	☐			376.68		P	6.2
7	☐			738.92		P	1.7
8	☐			1277.85		P	2.6

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

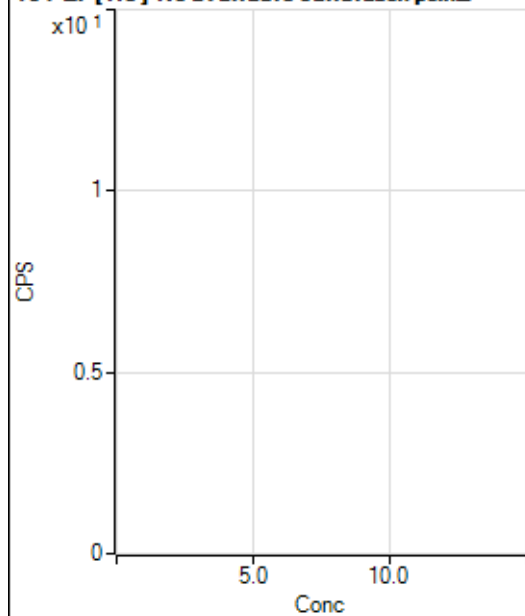
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	15.4
2	☐			112.22		P	13.4
3	☐			150.00		P	15.6
4	☐			178.89		P	10.3
5	☐			288.90		P	8.5
6	☐			410.01		P	15.7
7	☐			757.80		P	4.7
8	☐			2403.56		P	2.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			416.68		P	1.4
2	☐			451.12		P	5.9
3	☐			422.23		P	2.3
4	☐			518.90		P	10.2
5	☐			473.35		P	0.0
6	☐			572.24		P	2.4
7	☐			810.03		P	9.7
8	☐			1789.02		P	3.5

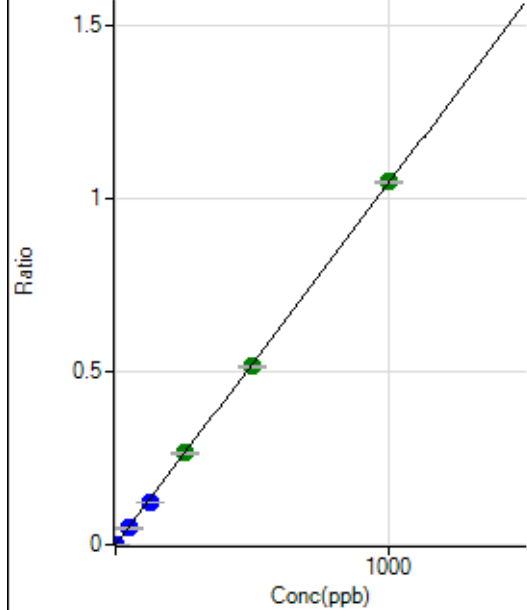
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.89		P	15.1
2	☐			118.89		P	19.9
3	☐			137.78		P	7.4
4	☐			116.67		P	12.5
5	☐			173.34		P	10.2
6	☐			234.45		P	12.7
7	☐			334.45		P	15.0
8	☐			376.68		P	2.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	47.0
2	☐			64.45		P	31.6
3	☐			76.67		P	8.7
4	☐			70.00		P	29.0
5	☐			78.89		P	10.6
6	☐			103.33		P	12.9
7	☐			176.67		P	9.4
8	☐			224.45		P	14.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0000	P	11.8
2	☐	1.000	0.839	10407.38	0.0009	P	2.4
3	☐	50.000	46.006	546718.66	0.0481	P	7.0
4	☐	125.000	116.661	1383155.47	0.1219	P	0.9
5	☐	250.000	253.002	2926698.04	0.2644	A	3.5
6	☐	500.000	493.679	5790300.05	0.5160	A	1.1
7	☐	1000.000	1003.652	11360313.58	1.0490	A	0.6
8	☐			1387.87	0.0001	P	5.6

$$y = 0.0010 * x + 1.8675E-005$$

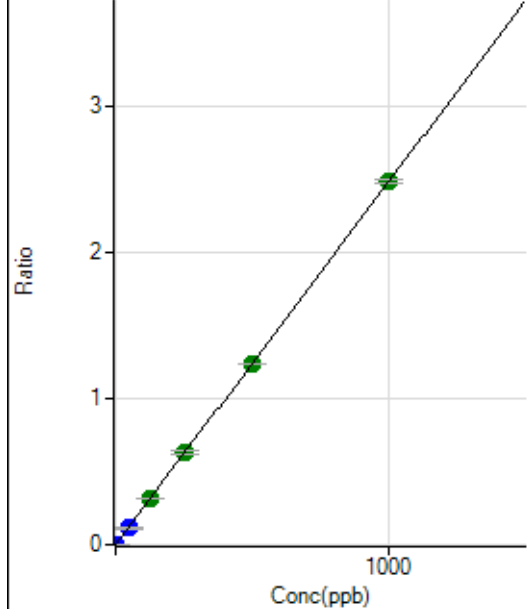
$$R = 0.9999$$

$$DL = 0.006347$$

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	454.46	0.0000	P	6.1
2	☐	1.000	0.846	24846.06	0.0021	P	2.1
3	☐	50.000	46.496	1311647.25	0.1154	P	7.3
4	☐	125.000	125.452	3531434.36	0.3113	A	0.6
5	☐	250.000	253.952	6975011.28	0.6302	A	3.3
6	☐	500.000	497.280	13848928.96	1.2340	A	0.3
7	☐	1000.000	1000.491	26886025.71	2.4827	A	1.2
8	☐			3250.43	0.0003	P	3.6

$$y = 0.0025 * x + 3.9368E-005$$

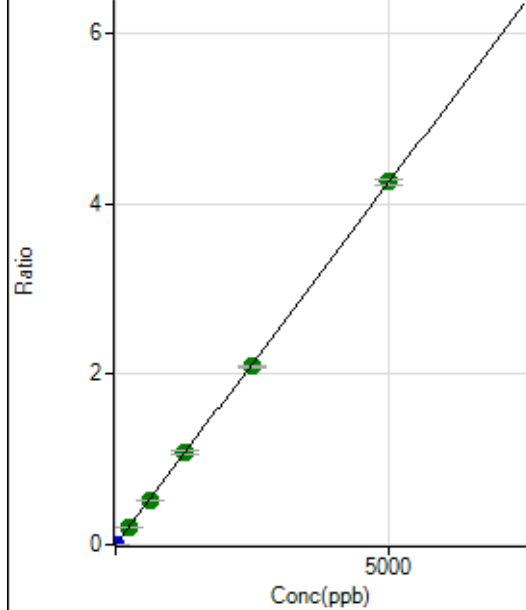
$$R = 1.0000$$

$$DL = 0.002917$$

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	544.46	0.0000	P	4.7
2	☐	1.000	0.837	8805.15	0.0008	P	3.0
3	☐	250.000	244.522	2359779.65	0.2075	A	6.3
4	☐	625.000	622.462	5991870.33	0.5282	A	0.3
5	☐	1250.000	1265.497	11883194.82	1.0739	A	4.3
6	☐	2500.000	2462.095	23445068.26	2.0893	A	1.3
7	☐	5000.000	5015.669	46090274.87	4.2561	A	1.4
8	☐			17242.13	0.0018	P	2.8

$$y = 8.4855E-004 * x + 4.7164E-005$$

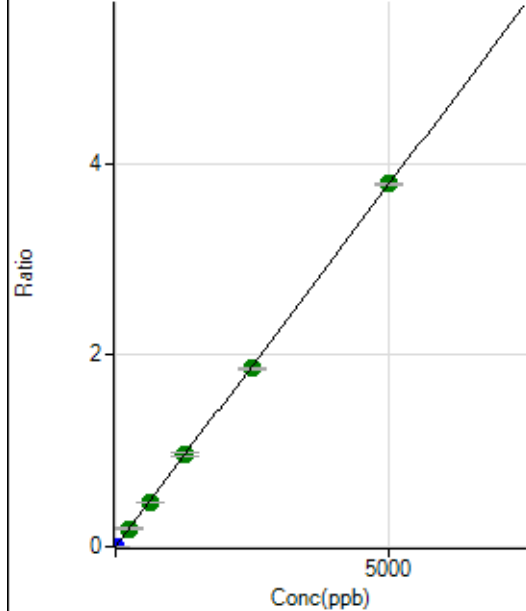
$$R = 1.0000$$

$$DL = 0.007903$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	468.90	0.0000	P	7.4
2	☐	1.000	0.830	7772.31	0.0007	P	2.8
3	☐	250.000	245.543	2110615.78	0.1858	A	8.0
4	☐	625.000	616.713	5291648.36	0.4665	A	0.6
5	☐	1250.000	1282.045	10732969.15	0.9698	A	3.6
6	☐	2500.000	2460.026	20880659.97	1.8608	A	1.5
7	☐	5000.000	5013.235	41067786.05	3.7921	A	0.6
8	☐			14992.81	0.0016	P	0.6

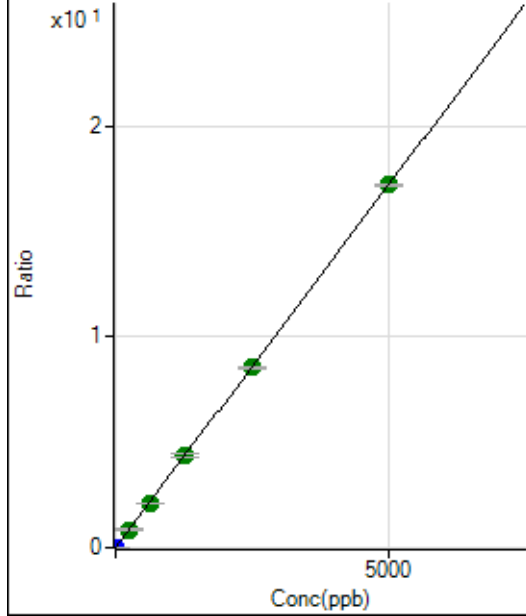
$$y = 7.5640E-004 * x + 4.0619E-005$$

$$R = 0.9999$$

$$DL = 0.01196$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2170.09	0.0002	P	3.7
2	☐	1.000	0.842	35850.13	0.0031	P	2.7
3	☐	250.000	245.608	9607056.12	0.8454	A	7.4
4	☐	625.000	618.952	24161489.32	2.1301	A	0.6
5	☐	1250.000	1282.294	48836530.80	4.4128	A	3.6
6	☐	2500.000	2481.567	95833190.80	8.5397	A	0.8
7	☐	5000.000	5002.119	186414938.3	17.2134	A	0.6
8	☐			68575.74	0.0073	P	1.4

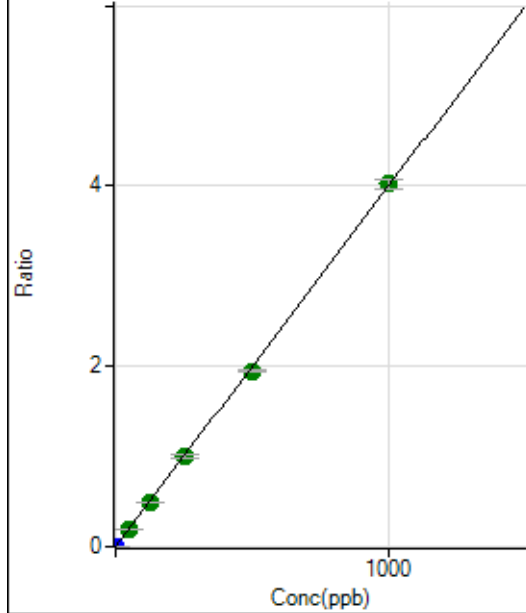
$$y = 0.0034 * x + 1.8799E-004$$

$$R = 1.0000$$

$$DL = 0.006031$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	56.8
2	☐	1.000	0.782	36314.97	0.0031	P	0.5
3	☐	50.000	47.291	2146532.36	0.1889	A	8.1
4	☐	125.000	120.799	5473744.57	0.4826	A	1.1
5	☐	250.000	249.504	11030451.78	0.9968	A	4.0
6	☐	500.000	488.185	21886822.73	1.9503	A	1.6
7	☐	1000.000	1006.692	43548065.74	4.0217	A	2.5
8	☐			5314.44	0.0006	P	4.4

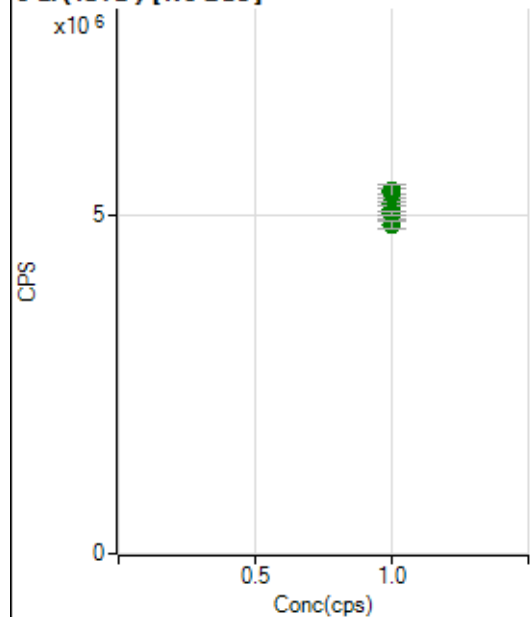
$$y = 0.0040 * x + 2.1173E-006$$

$$R = 0.9999$$

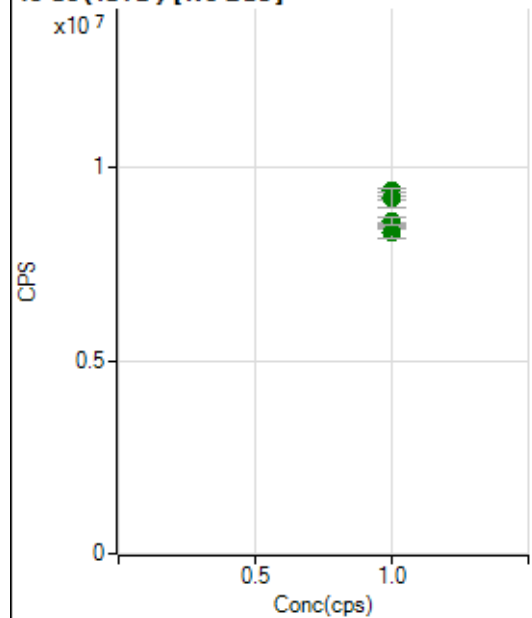
$$DL = 0.000903$$

Weight: <None>

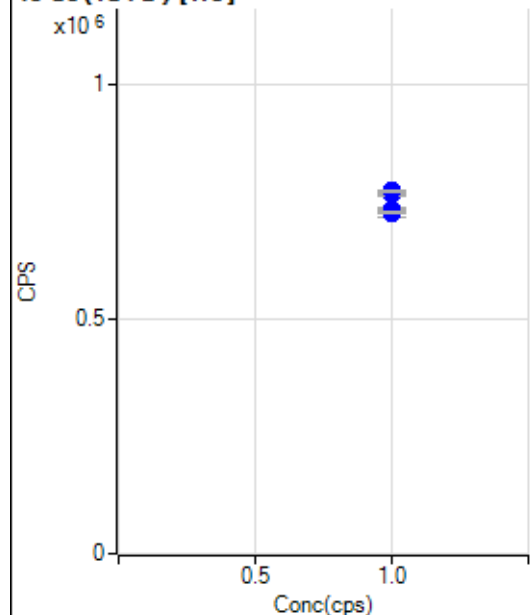
Min Conc: 0

6 Li (ISTD) [No Gas]

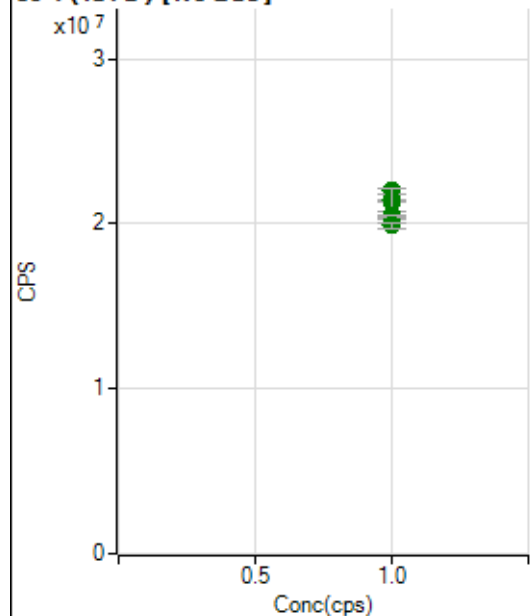
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5305754.81		A	0.2
2	☐	1.000		5351989.33		A	1.6
3	☐	1.000		5360171.28		A	3.9
4	☐	1.000		5177143.99		A	1.0
5	☐	1.000		5042683.30		A	3.6
6	☐	1.000		5093128.47		A	1.9
7	☐	1.000		5025244.47		A	1.2
8	☐	1.000		4863152.39		A	2.5

45 Sc (ISTD) [No Gas]

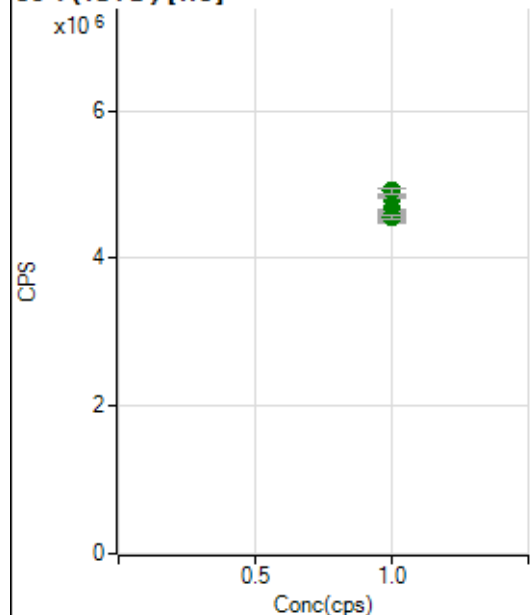
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9230774.03		A	1.3
2	☐	1.000		9407415.97		A	1.0
3	☐	1.000		9225439.45		A	5.9
4	☐	1.000		8455636.33		A	0.2
5	☐	1.000		8317383.63		A	3.8
6	☐	1.000		8461442.86		A	0.5
7	☐	1.000		8519862.51		A	1.6
8	☐	1.000		8627392.02		A	2.0

45 Sc (ISTD) [He]

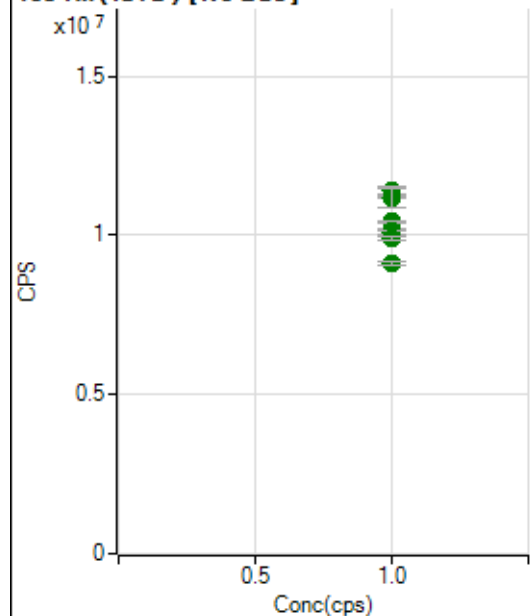
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		763280.24		P	0.6
2	☐	1.000		771867.45		P	0.5
3	☐	1.000		733617.32		P	0.4
4	☐	1.000		725581.20		P	0.6
5	☐	1.000		727777.65		P	1.3
6	☐	1.000		723222.91		P	1.5
7	☐	1.000		722271.33		P	1.3
8	☐	1.000		725274.21		P	0.3

89 Y (ISTD) [No Gas]

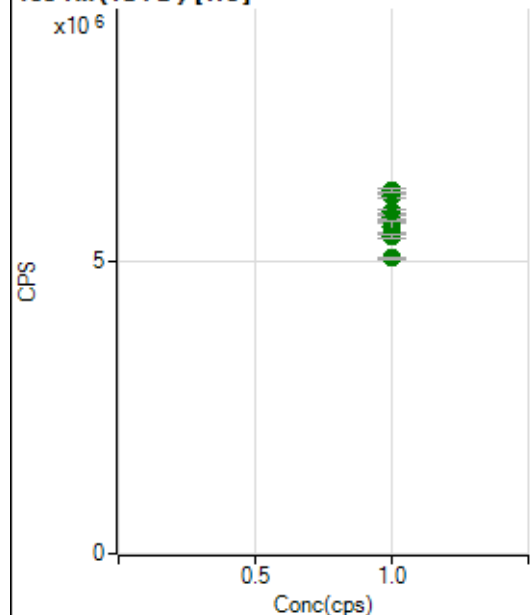
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21379007.60		A	0.4
2	☐	1.000		21986990.93		A	1.6
3	☐	1.000		21485573.99		A	6.5
4	☐	1.000		20291816.36		A	0.4
5	☐	1.000		20034934.70		A	3.1
6	☐	1.000		20474692.06		A	0.3
7	☐	1.000		20469530.11		A	0.3
8	☐	1.000		19896096.09		A	1.9

89 Y(ISTD) [He]

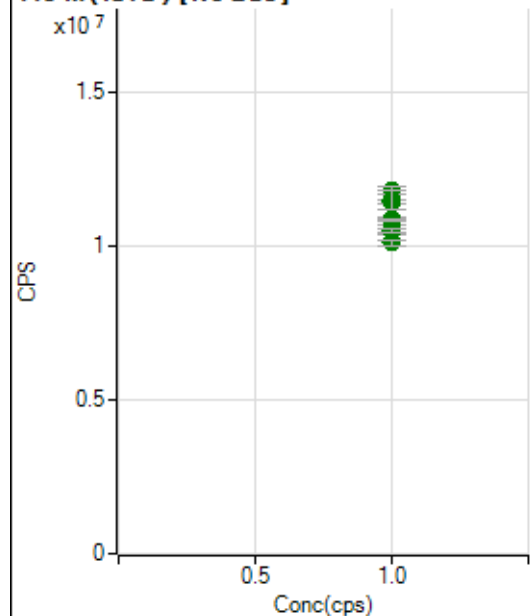
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4827761.15		A	0.6
2	☐	1.000		4915558.30		A	1.2
3	☐	1.000		4651971.25		A	0.5
4	☐	1.000		4603396.74		A	1.0
5	☐	1.000		4560397.47		A	2.1
6	☐	1.000		4547562.43		A	2.7
7	☐	1.000		4549882.64		A	0.7
8	☐	1.000		4562788.47		A	1.2

103 Rh(ISTD) [No Gas]

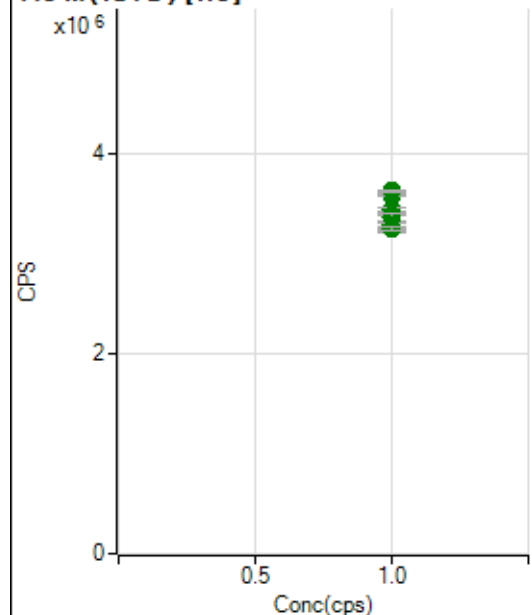
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11204646.29		A	0.5
2	☐	1.000		11388424.20		A	2.2
3	☐	1.000		11146642.47		A	5.4
4	☐	1.000		10418823.32		A	0.3
5	☐	1.000		10117370.82		A	2.0
6	☐	1.000		10075029.09		A	1.0
7	☐	1.000		9909135.06		A	1.0
8	☐	1.000		9105737.92		A	1.4

103 Rh (ISTD) [He]

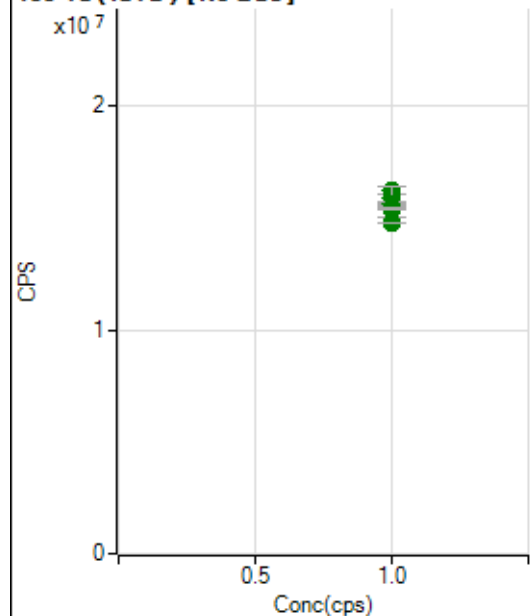
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6137153.31		A	1.0
2	☐	1.000		6221614.77		A	1.0
3	☐	1.000		5873668.31		A	1.2
4	☐	1.000		5777784.78		A	1.0
5	☐	1.000		5708388.46		A	1.3
6	☐	1.000		5607317.52		A	3.1
7	☐	1.000		5437920.65		A	0.8
8	☐	1.000		5072083.95		A	0.8

115 In (ISTD) [No Gas]

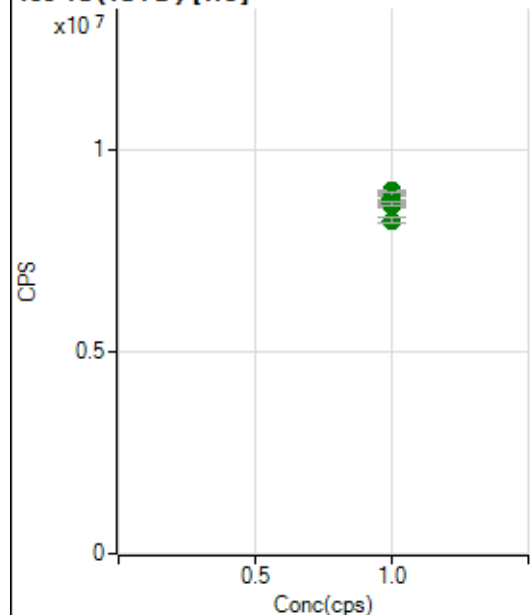
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11422740.90		A	1.2
2	☐	1.000		11792315.73		A	2.0
3	☐	1.000		11479427.00		A	5.4
4	☐	1.000		10906633.50		A	0.4
5	☐	1.000		10555761.05		A	3.0
6	☐	1.000		10842122.93		A	0.9
7	☐	1.000		10497561.79		A	1.5
8	☐	1.000		10098071.20		A	1.6

115 In (ISTD) [He]

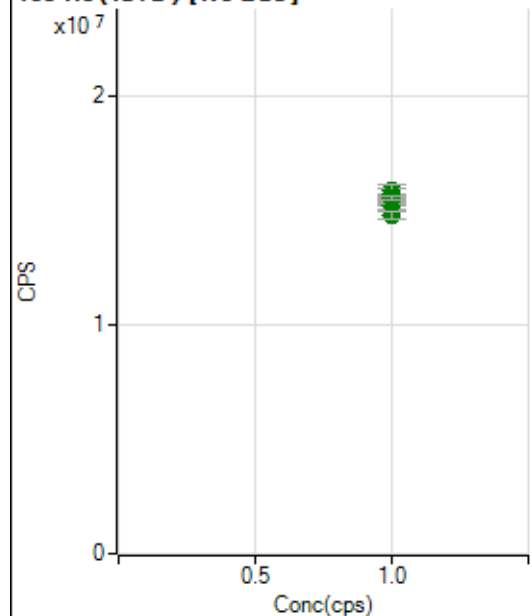
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3577280.28		A	0.9
2	☐	1.000		3622289.96		A	0.4
3	☐	1.000		3441658.36		A	1.0
4	☐	1.000		3377716.30		A	0.4
5	☐	1.000		3356138.83		A	2.0
6	☐	1.000		3274211.92		A	1.6
7	☐	1.000		3261063.05		A	2.9
8	☐	1.000		3242252.04		A	0.9

159 Tb (ISTD) [No Gas]

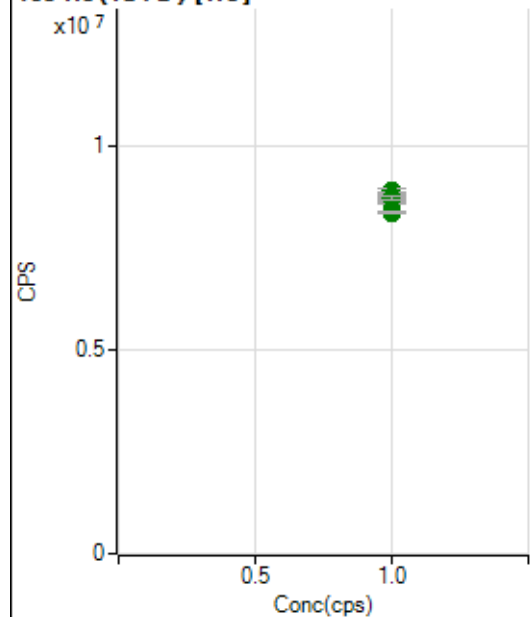
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15643525.46		A	1.3
2	☐	1.000		16206559.90		A	2.3
3	☐	1.000		15871853.65		A	6.7
4	☐	1.000		15495719.08		A	1.1
5	☐	1.000		15335764.08		A	4.0
6	☐	1.000		15631439.21		A	1.5
7	☐	1.000		15423659.08		A	0.8
8	☐	1.000		14759472.70		A	0.4

159 Tb (ISTD) [He]

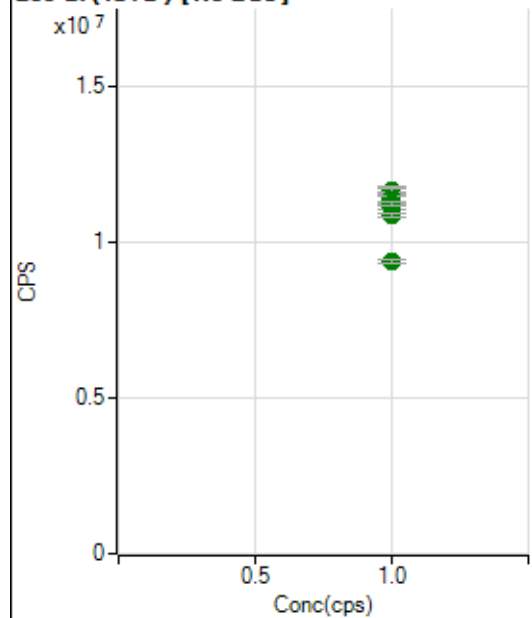
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8855132.99		A	1.3
2	☐	1.000		9001048.97		A	0.6
3	☐	1.000		8612521.61		A	0.8
4	☐	1.000		8754888.69		A	0.8
5	☐	1.000		8783692.72		A	2.2
6	☐	1.000		8817597.71		A	3.8
7	☐	1.000		8675674.80		A	1.3
8	☐	1.000		8265710.36		A	1.5

165 Ho (ISTD) [No Gas]

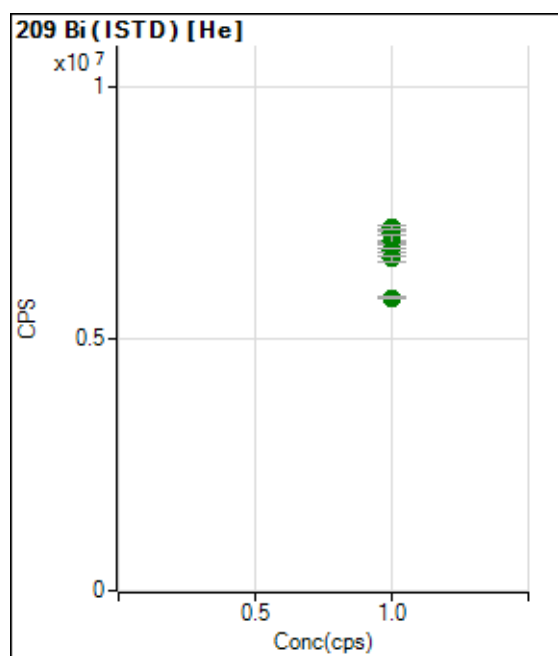
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15534711.57		A	0.7
2	☐	1.000		15878049.07		A	1.8
3	☐	1.000		15711241.43		A	5.2
4	☐	1.000		15263019.77		A	0.9
5	☐	1.000		15196712.00		A	2.1
6	☐	1.000		15379164.08		A	0.8
7	☐	1.000		15605244.63		A	1.1
8	☐	1.000		14837622.28		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8780913.34		A	1.1
2	☐	1.000		8912778.48		A	1.2
3	☐	1.000		8585422.23		A	0.1
4	☐	1.000		8693153.69		A	0.7
5	☐	1.000		8778924.38		A	2.1
6	☐	1.000		8695002.65		A	2.1
7	☐	1.000		8730796.68		A	0.8
8	☐	1.000		8380838.14		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11544013.99		A	0.1
2	☐	1.000		11623467.19		A	1.0
3	☐	1.000		11398496.56		A	6.1
4	☐	1.000		11343205.80		A	1.6
5	☐	1.000		11074842.06		A	2.9
6	☐	1.000		11222884.70		A	1.4
7	☐	1.000		10830051.37		A	1.0
8	☐	1.000		9382333.82		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7082087.60		A	1.2
2	☐	1.000		7194340.66		A	1.1
3	☐	1.000		6901383.93		A	0.2
4	☐	1.000		6937340.25		A	0.5
5	☐	1.000		6957708.23		A	2.4
6	☐	1.000		6743282.26		A	1.5
7	☐	1.000		6592478.31		A	1.6
8	☐	1.000		5803356.65		A	0.5