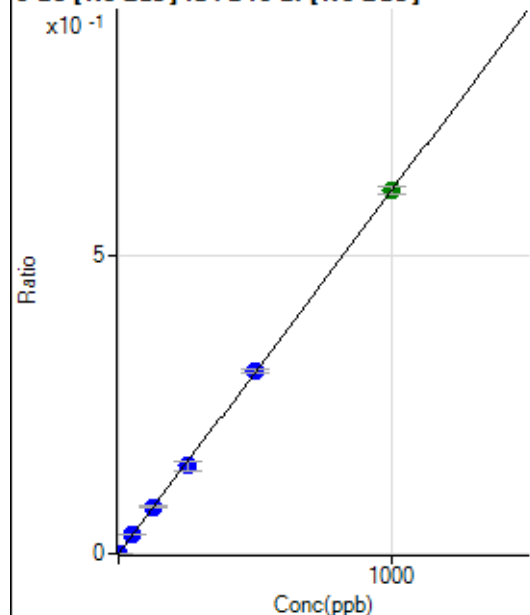


Calibration for 003CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8071723MS.b\
 Analysis File: P8071723MS.batch.bin
 DA Date-Time: 2023-07-17 13:03:26
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-07-17 11:59:26
2	005CALS.d	S02	2023-07-17 12:02:27
3	006CALS.d	S03	2023-07-17 12:05:30
4	007CALS.d	S04	2023-07-17 12:08:29
5	008CALS.d	S05	2023-07-17 12:11:30
6	009CALS.d	S06	2023-07-17 12:14:28
7	010CALS.d	S07	2023-07-17 12:17:29
8	011CALS.d	S08	2023-07-17 12:20:28

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.32	0.0000	P	13.1
2	☐	1.000	0.990	1639.06	0.0006	P	2.1
3	☐	50.000	52.497	83489.98	0.0320	P	4.1
4	☐	125.000	129.752	204110.85	0.0791	P	4.2
5	☐	250.000	242.137	386313.65	0.1476	P	12.2
6	☐	500.000	502.950	731580.33	0.3066	P	2.1
7	☐	1000.000	999.772	1371436.19	0.6095	A	2.1
8	☐			642.90	0.0003	P	54.3

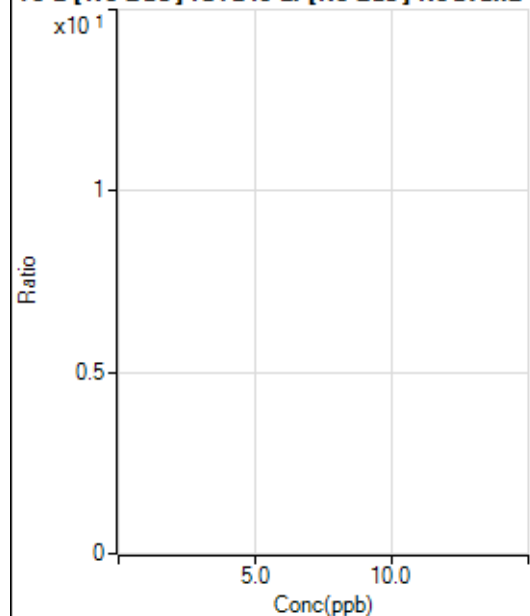
$$y = 6.0959E-004 * x + 2.6452E-005$$

$$R = 0.9999$$

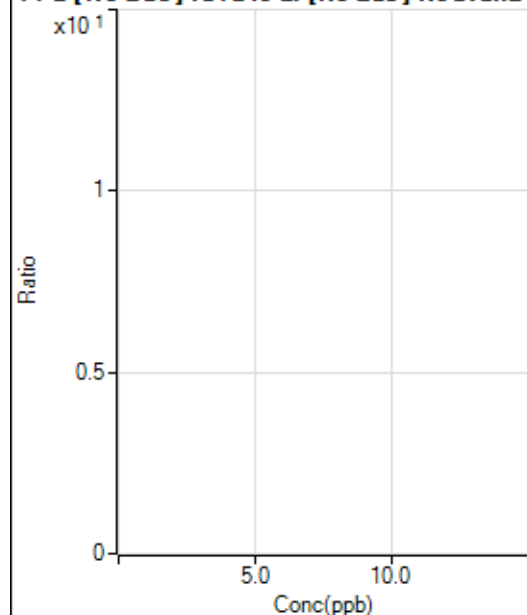
$$DL = 0.01707$$

Weight: <None>

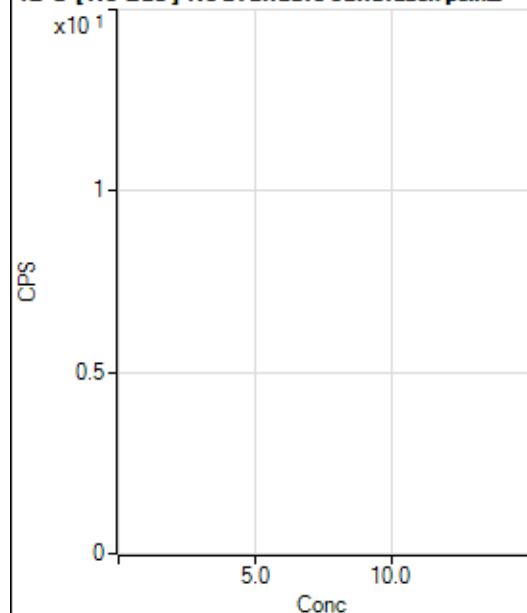
Min Conc: 0

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

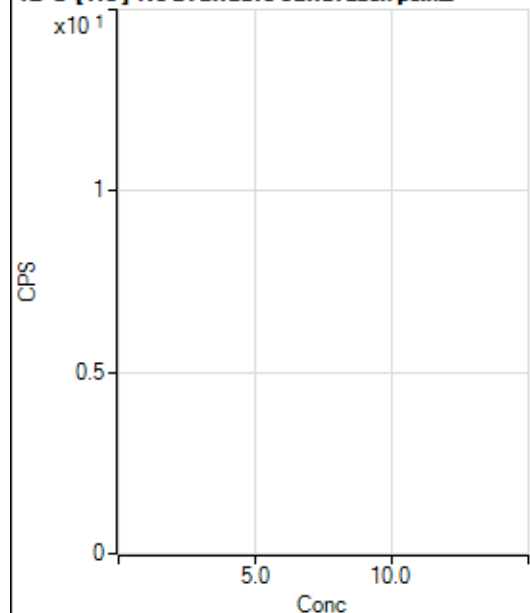
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000					
2	☐	25.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

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

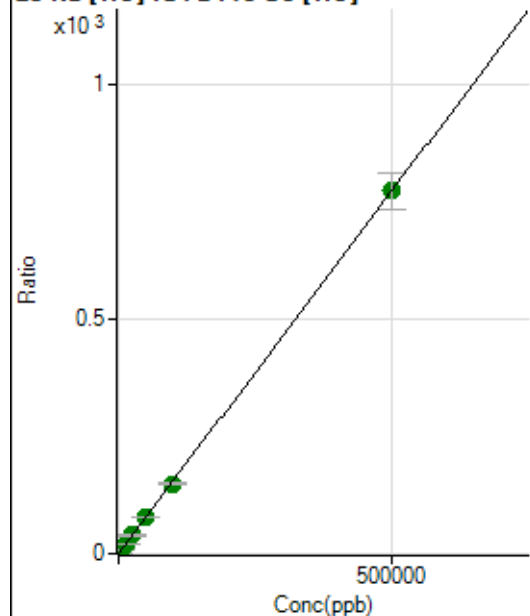
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000					
2	☐	25.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3158076.68		A	1.0
2	☐			3207728.37		A	0.4
3	☐			2717586.56		A	0.3
4	☐			3381495.61		A	1.1
5	☐			3443337.71		A	2.3
6	☐			3229653.00		A	2.0
7	☐			2926561.61		A	2.0
8	☐			3033942.24		A	3.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			39567.77		P	0.6
2	☐			40389.57		P	2.1
3	☐			33842.41		P	0.6
4	☐			42434.09		P	1.0
5	☐			45485.05		P	0.3
6	☐			44125.41		P	0.6
7	☐			38910.44		P	0.6
8	☐			45905.47		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16913.01	0.1021	P	8.4
2	☐	500.000	464.800	139881.39	0.8192	P	0.5
3	☐	5000.000	5147.876	1355577.92	8.0446	A	3.3
4	☐	12500.000	13711.208	3245198.03	21.2567	A	6.8
5	☐	25000.000	25172.323	6167625.74	38.9397	A	1.5
6	☐	50000.000	49532.369	11712086.72	76.5240	A	1.2
7	☐	100000.00	96776.650	22678532.97	149.4157	A	0.8
8	☐	500000.00	500651.09	104679182.8	772.5409	A	10.3

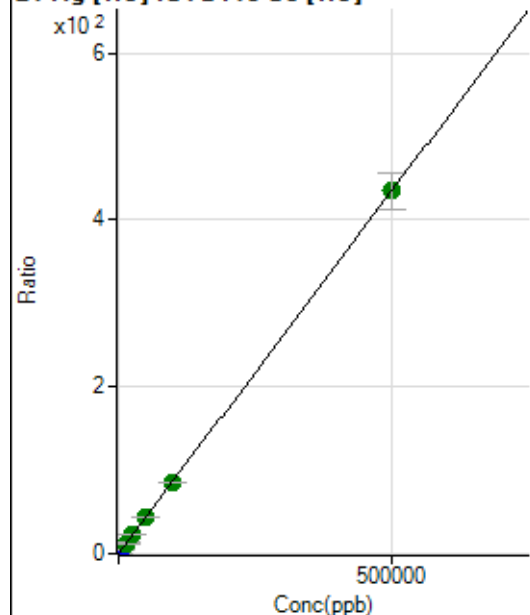
$$y = 0.0015 * x + 0.1021$$

$$R = 1.0000$$

$$DL = 16.59$$

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	388.91	0.0024	P	30.1
2	☐	500.000	461.024	68779.69	0.4028	P	0.9
3	☐	5000.000	5151.974	754488.58	4.4775	P	1.2
4	☐	12500.000	14106.116	1870825.65	12.2553	A	6.9
5	☐	25000.000	25587.636	3520693.48	22.2285	A	1.5
6	☐	50000.000	49889.446	6633284.83	43.3376	A	0.5
7	☐	100000.00	97546.182	12861128.15	84.7335	A	0.6
8	☐	500000.00	500430.80	58905215.20	434.6897	A	10.2

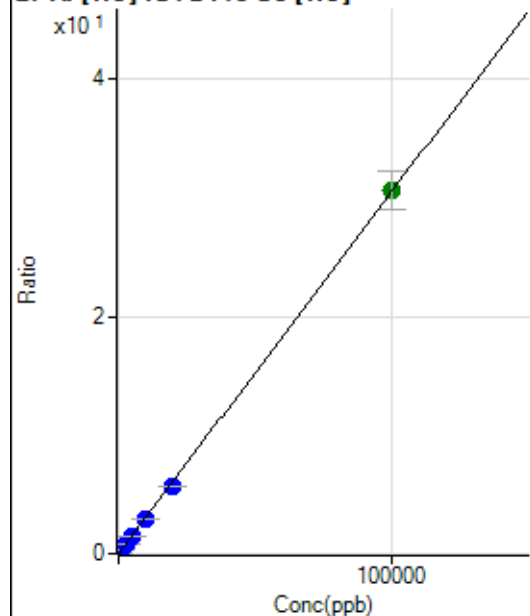
$$y = 8.6863\text{E-}004 * x + 0.0024$$

$$R = 1.0000$$

$$DL = 2.461$$

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	115.41	0.0007	P	11.4
2	☐	20.000	18.254	1068.66	0.0063	P	4.2
3	☐	1000.000	989.474	50919.91	0.3022	P	0.3
4	☐	2500.000	2655.488	123567.60	0.8098	P	7.8
5	☐	5000.000	4816.486	232564.97	1.4683	P	1.5
6	☐	10000.000	9492.287	442761.64	2.8931	P	1.1
7	☐	20000.000	18670.601	863604.06	5.6897	P	0.6
8	☐	100000.00	100322.04	4141807.75	30.5694	A	10.7

$$y = 3.0471\text{E-}004 * x + 6.9695\text{E-}004$$

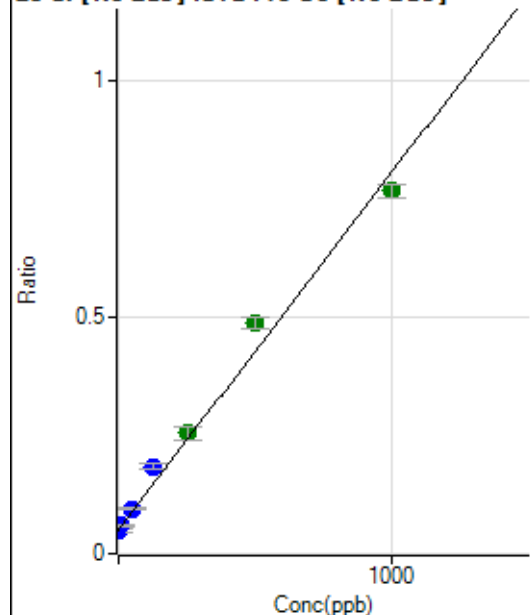
$$R = 0.9999$$

$$DL = 0.7808$$

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	251897.02	0.0506	P	15.5
2	☐	10.000	11.379	292438.58	0.0592	P	2.2
3	☐	50.000	59.452	478493.78	0.0956	P	2.4
4	☐	125.000	177.977	904773.72	0.1852	P	5.1
5	☐	250.000	271.589	1292019.51	0.2561	A	11.3
6	☐	500.000	577.509	2229319.41	0.4875	A	5.0
7	☐	1000.000	948.739	3465557.11	0.7684	A	3.6
8	☐			1110024.03	0.2590	A	19.3

$$y = 7.5663\text{E-}004 * x + 0.0506$$

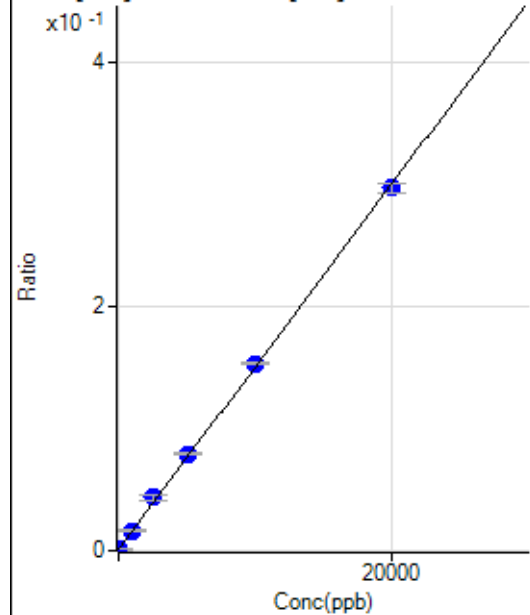
$$R = 0.9939$$

$$DL = 30.99$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9.759	144.45	0.0009	P	34.7
2	☐	0.000	9.759	200.01	0.0012	P	14.9
3	☐	1000.000	1031.471	2775.34	0.0165	P	4.5
4	☐	2500.000	2853.206	6662.84	0.0437	P	11.6
5	☐	5000.000	5219.086	12541.90	0.0792	P	2.3
6	☐	10000.000	10192.879	23513.96	0.1536	P	1.7
7	☐	20000.000	19803.065	45157.12	0.2975	P	2.4
8	☐			158.34	0.0012	P	10.1

$$y = 1.4973\text{E-}005 * x + 0.0010$$

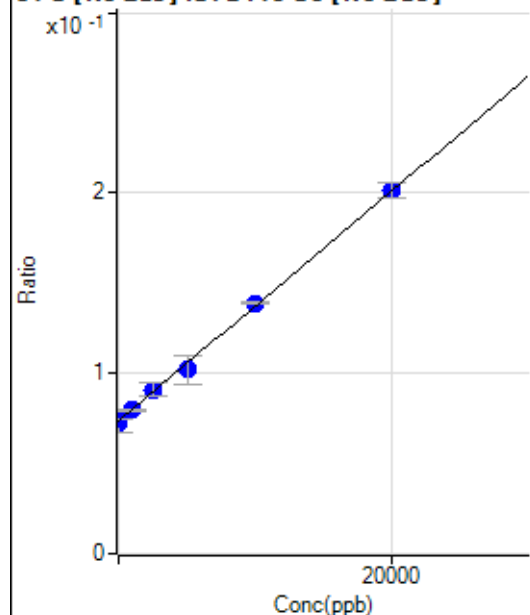
$$R = 0.9997$$

$$DL = 48.11$$

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	-162.427	362491.91	0.0727	P	14.3
2	☐	0.000	162.427	369509.80	0.0748	P	0.6
3	☐	1000.000	969.997	400193.27	0.0799	P	1.4
4	☐	2500.000	2702.104	443663.43	0.0910	P	8.0
5	☐	5000.000	4421.883	512209.60	0.1019	P	15.2
6	☐	10000.000	10227.417	635105.98	0.1389	P	0.6
7	☐	20000.000	20007.058	907149.88	0.2012	P	4.4
8	☐			310164.79	0.0722	P	3.1

$$y = 6.3709\text{E-}006 * x + 0.0737$$

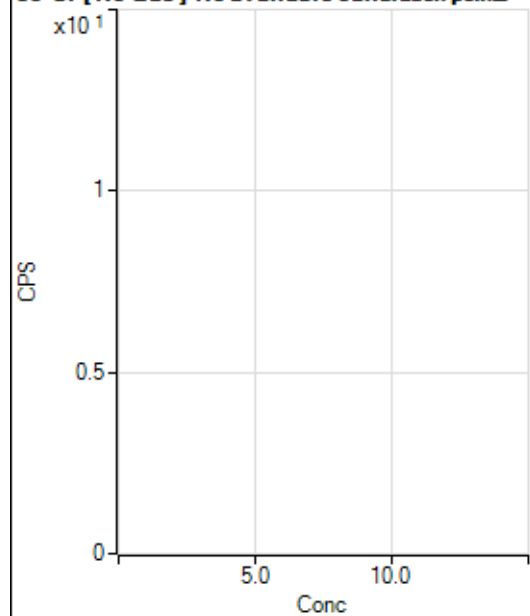
R = 0.9993

DL = 2554

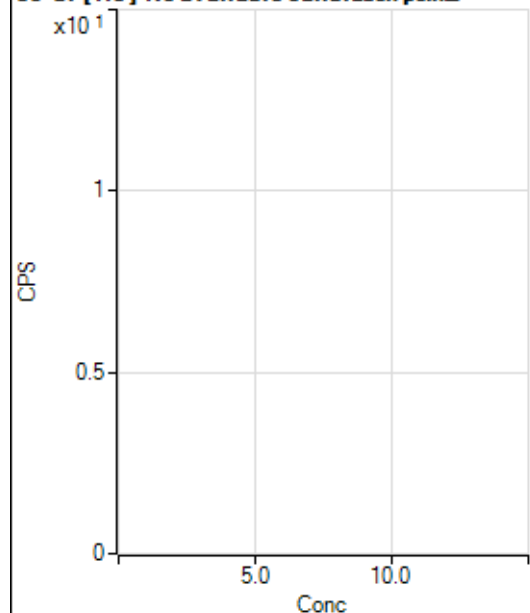
Weight: <None>

Min Conc: 0

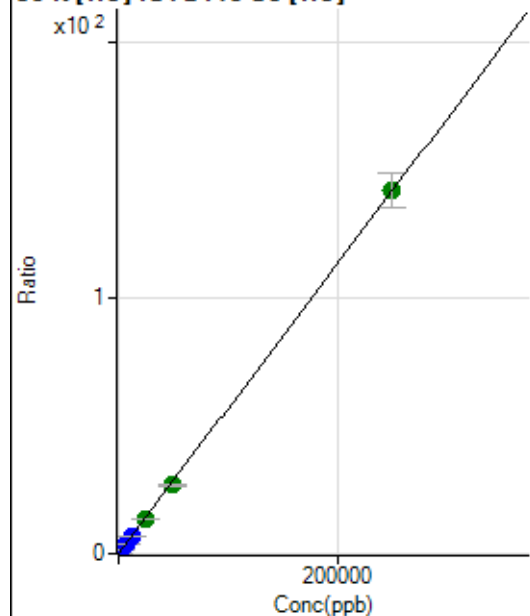
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			232951.56		P	0.6
2	☐			228387.79		P	0.9
3	☐			237016.04		P	0.8
4	☐			240184.37		P	0.7
5	☐			228602.40		P	0.6
6	☐			217318.19		P	0.6
7	☐			211840.46		P	0.4
8	☐			227217.19		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1741.81		P	8.3
2	☐			1697.36		P	3.3
3	☐			1647.36		P	1.2
4	☐			1602.91		P	10.7
5	☐			1639.03		P	2.3
6	☐			1494.56		P	3.6
7	☐			1494.57		P	12.3
8	☐			1800.15		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11171.30	0.0674	P	7.8
2	☐	500.000	433.835	53371.46	0.3126	P	1.8
3	☐	2500.000	2424.003	242225.06	1.4375	P	0.7
4	☐	6250.000	6523.832	572666.21	3.7549	P	8.8
5	☐	12500.000	11809.816	1068133.00	6.7427	P	1.6
6	☐	25000.000	24164.558	2100460.99	13.7261	A	2.1
7	☐	50000.000	47303.066	4068235.68	26.8049	A	1.5
8	☐	250000.00	250651.48	19217144.70	141.7453	A	9.5

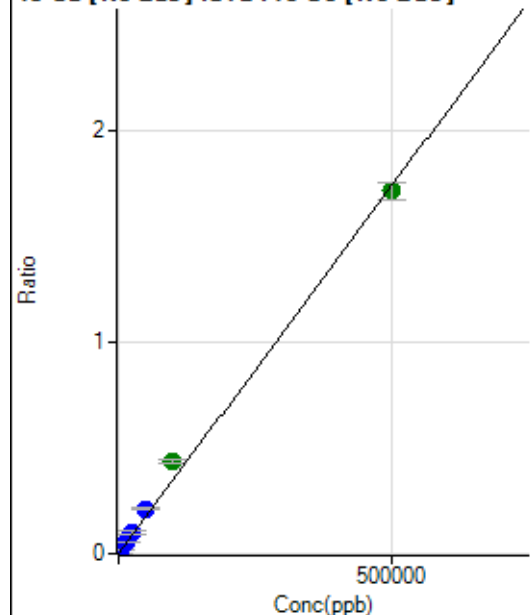
$$y = 5.6524\text{E-}004 * x + 0.0674$$

$$R = 0.9999$$

$$DL = 28.01$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	387.46	0.0001	P	18.7
2	☐	500.000	488.243	8758.25	0.0018	P	2.4
3	☐	5000.000	6217.752	108459.15	0.0217	P	1.6
4	☐	12500.000	15554.534	263986.11	0.0541	P	6.0
5	☐	25000.000	28951.388	505098.42	0.1006	P	15.8
6	☐	50000.000	61237.407	972212.73	0.2126	P	1.2
7	☐	100000.00	125728.46	1968680.25	0.4365	A	3.1
8	☐	500000.00	493444.46	7358087.28	1.7128	A	4.7

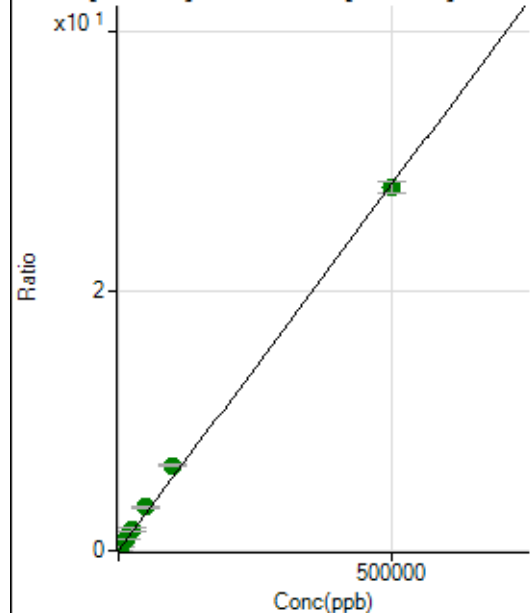
$$y = 3.4709\text{E-}006 * x + 7.7839\text{E-}005$$

$$R = 0.9984$$

$$DL = 12.57$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39171.81	0.0079	P	15.1
2	☐	500.000	489.920	175284.73	0.0355	P	1.2
3	☐	5000.000	6095.371	1759554.95	0.3514	A	0.9
4	☐	12500.000	15008.939	4167716.54	0.8537	A	6.7
5	☐	25000.000	28038.843	7977831.85	1.5880	A	15.6
6	☐	50000.000	59030.046	15246933.95	3.3345	A	1.9
7	☐	100000.00	116637.70	29684142.45	6.5810	A	3.0
8	☐	500000.00	495543.84	120038035.4	27.9343	A	3.1

$$y = 5.6355\text{E-}005 * x + 0.0079$$

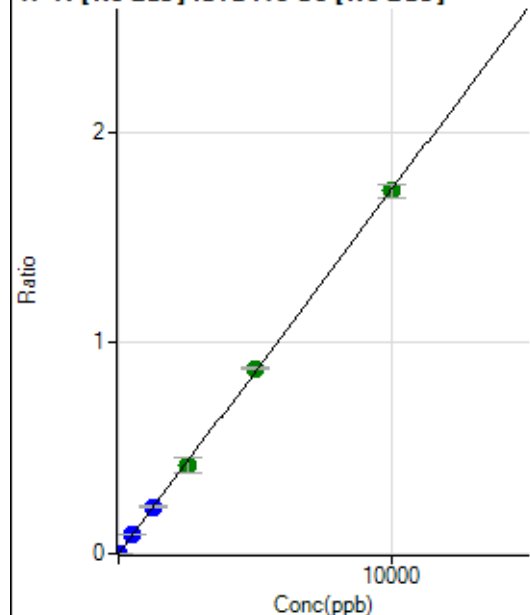
$$R = 0.9993$$

$$DL = 63.06$$

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	205.57	0.0000	P	14.1
2	☐	5.000	5.051	4506.38	0.0009	P	4.5
3	☐	500.000	517.975	447639.13	0.0894	P	2.4
4	☐	1250.000	1287.569	1084704.57	0.2222	P	5.9
5	☐	2500.000	2433.218	2107698.53	0.4198	A	16.2
6	☐	5000.000	5082.951	4009536.76	0.8769	A	1.2
7	☐	10000.000	9969.625	7756656.68	1.7199	A	3.5
8	☐			3608.34	0.0009	P	78.1

$$y = 1.7251\text{E-}004 * x + 4.0867\text{E-}005$$

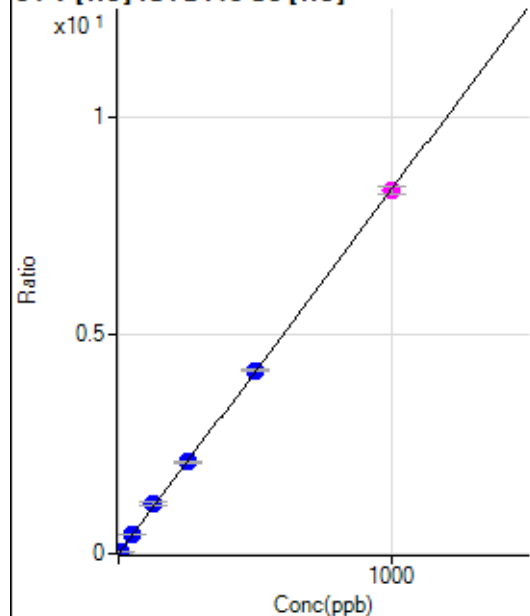
$$R = 0.9999$$

$$DL = 0.1001$$

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	25.55	0.0002	P	70.2
2	☐	5.000	4.631	6610.48	0.0387	P	1.0
3	☐	50.000	51.221	71889.35	0.4267	P	0.3
4	☐	125.000	137.774	175053.71	1.1474	P	8.0
5	☐	250.000	251.642	331889.11	2.0955	P	1.8
6	☐	500.000	502.656	640545.19	4.1856	P	1.3
7	☐	1000.000	996.606	1259442.76	8.2985	M	2.0
8	☐			435.57	0.0032	P	28.6

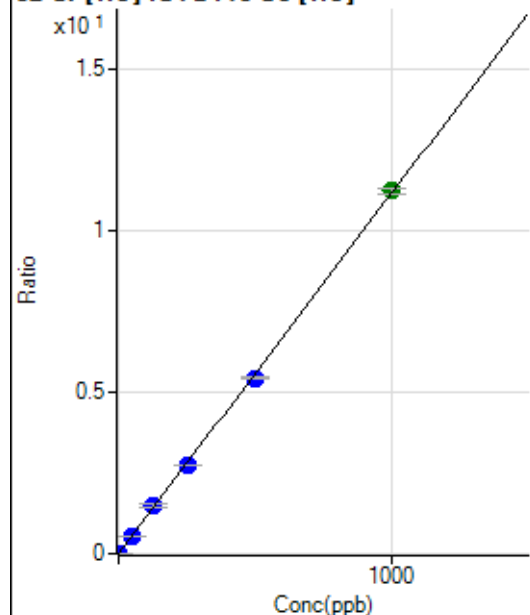
$$y = 0.0083 * x + 1.5708\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.03971$$

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	1181.17	0.0071	P	10.1
2	☐	2.000	1.925	4878.66	0.0286	P	2.7
3	☐	50.000	49.691	94444.95	0.5605	P	0.8
4	☐	125.000	134.231	229113.31	1.5019	P	8.3
5	☐	250.000	244.789	432916.14	2.7331	P	1.9
6	☐	500.000	486.607	830393.90	5.4260	P	1.1
7	☐	1000.000	1006.861	1702998.43	11.2196	A	1.8
8	☐			9745.61	0.0719	P	10.9

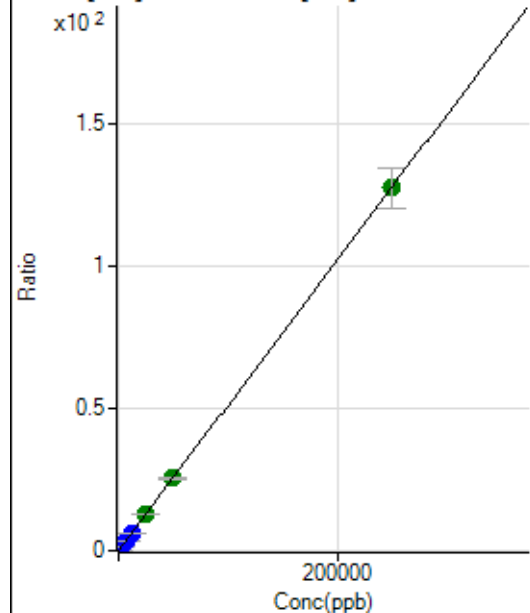
$$y = 0.0111 * x + 0.0071$$

$$R = 0.9998$$

$$DL = 0.1932$$

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	470.39	0.0028	P	2.1
2	☐	50.000	47.011	4584.15	0.0268	P	3.0
3	☐	2500.000	2472.615	213339.57	1.2660	P	1.5
4	☐	6250.000	6791.678	529673.55	3.4725	P	8.5
5	☐	12500.000	12234.784	990351.30	6.2533	P	2.3
6	☐	25000.000	25361.200	1983262.44	12.9593	A	1.2
7	☐	50000.000	49988.544	3876612.79	25.5408	A	1.3
8	☐	250000.00	249966.16	17296369.72	127.7047	A	11.0

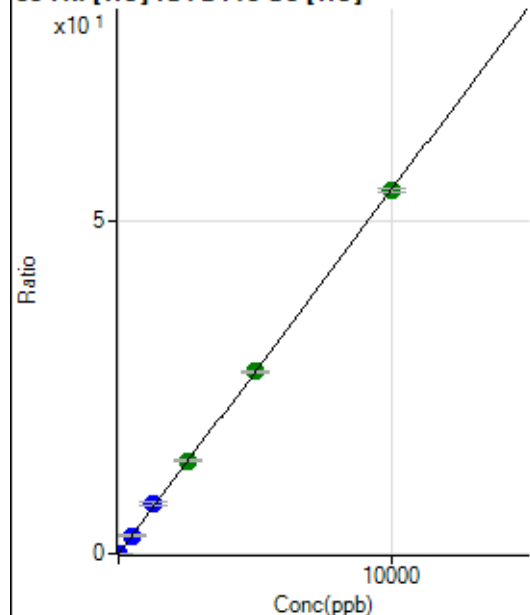
$$y = 5.1088E-004 * x + 0.0028$$

$$R = 1.0000$$

$$DL = 0.3553$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0007	P	14.5
2	☐	1.000	0.955	1016.71	0.0060	P	6.1
3	☐	500.000	499.853	461292.79	2.7376	P	0.9
4	☐	1250.000	1358.637	1135783.39	7.4398	P	6.7
5	☐	2500.000	2551.768	2213323.14	13.9726	A	1.5
6	☐	5000.000	5007.120	4195860.77	27.4166	A	1.0
7	☐	10000.000	9969.926	8285485.29	54.5898	A	1.0
8	☐			6195.88	0.0457	P	10.2

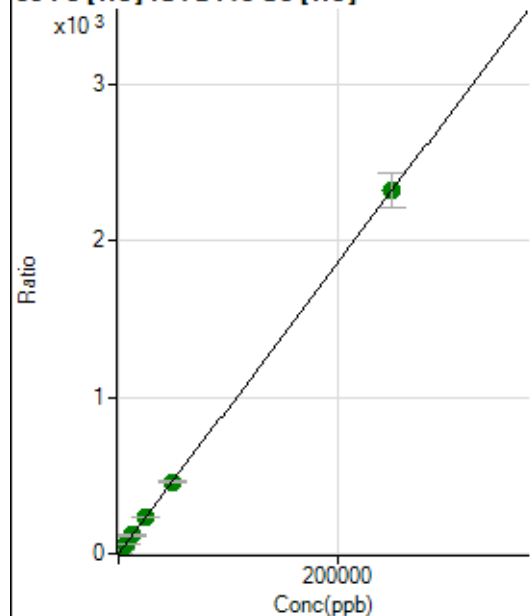
$$y = 0.0055 * x + 7.2454E-004$$

$$R = 0.9999$$

$$DL = 0.05776$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4836.19	0.0292	P	14.5
2	☐	50.000	45.667	77176.41	0.4520	P	0.6
3	☐	2500.000	2498.896	3902608.48	23.1611	A	0.2
4	☐	6250.000	6811.580	9623578.34	63.0830	A	8.2
5	☐	12500.000	12601.970	18484437.22	116.6838	A	0.4
6	☐	25000.000	24778.663	35108210.28	229.4016	A	1.4
7	☐	50000.000	49235.091	69168438.12	455.7910	A	3.0
8	☐	250000.00	250155.98	313957292.2	2315.685	A	9.7

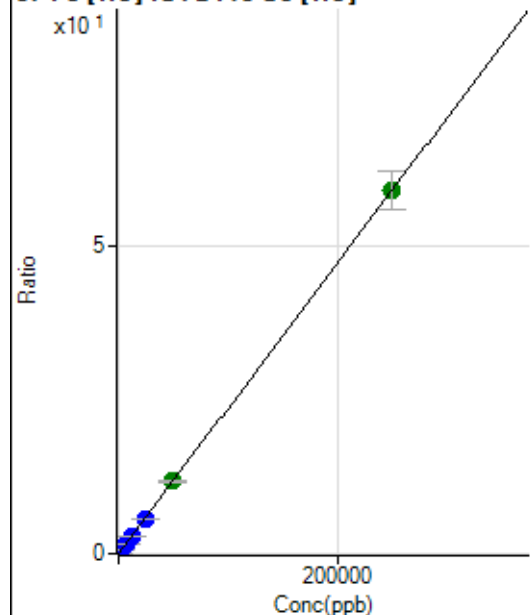
$$y = 0.0093 * x + 0.0292$$

$$R = 1.0000$$

$$DL = 1.37$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0010	P	12.2
2	☐	50.000	45.237	1989.06	0.0116	P	2.1
3	☐	2500.000	2426.045	96375.64	0.5719	P	1.1
4	☐	6250.000	6626.028	238043.48	1.5604	P	8.2
5	☐	12500.000	11954.767	445794.66	2.8144	P	1.3
6	☐	25000.000	23560.254	848767.32	5.5457	P	1.9
7	☐	50000.000	50068.027	1788233.56	11.7840	A	3.3
8	☐	250000.00	250148.97	7975959.67	58.8711	A	10.6

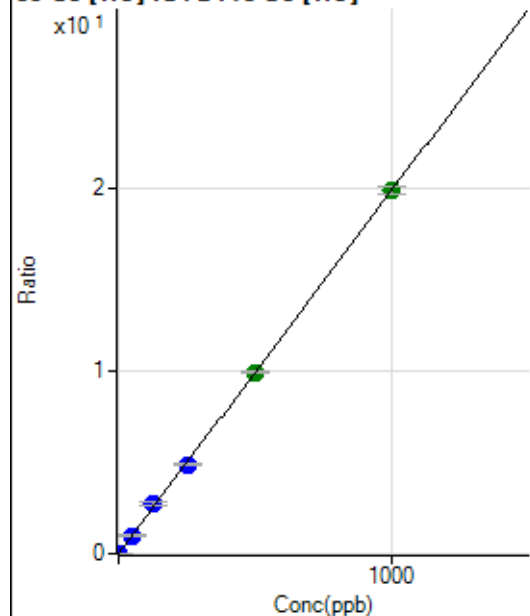
$$y = 2.3534\text{E-}004 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 1.552$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0005	P	25.7
2	☐	1.000	0.958	3324.87	0.0195	P	1.4
3	☐	50.000	50.268	168207.53	0.9983	P	0.4
4	☐	125.000	136.261	412765.37	2.7053	P	7.8
5	☐	250.000	245.673	772498.39	4.8771	P	1.4
6	☐	500.000	500.430	1520475.00	9.9341	A	0.5
7	☐	1000.000	999.446	3010972.87	19.8397	A	2.1
8	☐			6813.93	0.0502	P	8.7

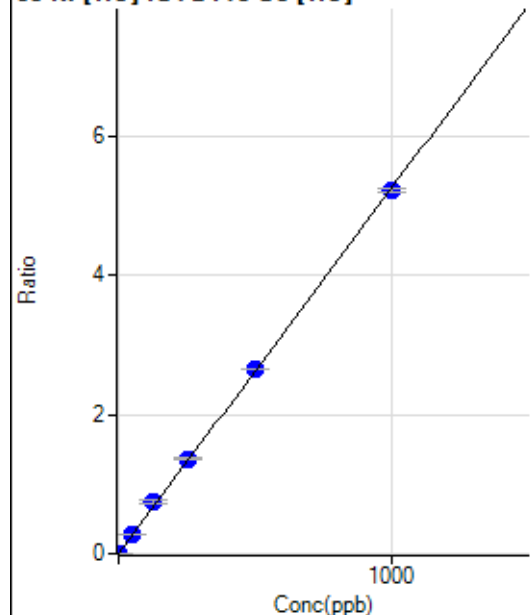
$$y = 0.0199 * x + 4.6213\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.01796$$

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	78.89	0.0005	P	5.1
2	☐	1.000	1.117	1082.27	0.0063	P	1.5
3	☐	50.000	53.537	47441.05	0.2816	P	0.6
4	☐	125.000	143.098	114753.41	0.7518	P	7.0
5	☐	250.000	258.973	215450.73	1.3602	P	1.9
6	☐	500.000	504.699	405626.66	2.6503	P	0.5
7	☐	1000.000	992.968	791342.59	5.2138	P	1.0
8	☐			3927.25	0.0290	P	11.5

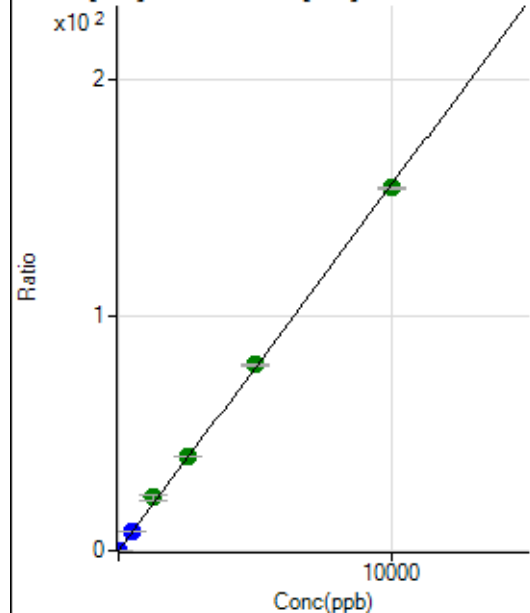
$$y = 0.0053 * x + 4.7406E-004$$

$$R = 0.9998$$

$$DL = 0.01383$$

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	801.14	0.0048	P	4.5
2	☐	2.000	1.836	5702.31	0.0334	P	0.9
3	☐	500.000	517.298	1357147.90	8.0547	P	1.0
4	☐	1250.000	1454.110	3452317.66	22.6328	A	8.5
5	☐	2500.000	2590.273	6386356.64	40.3131	A	0.3
6	☐	5000.000	5076.695	12090194.82	79.0053	A	1.6
7	☐	10000.000	9912.706	23415616.04	154.2603	A	0.6
8	☐			11012.23	0.0811	P	9.9

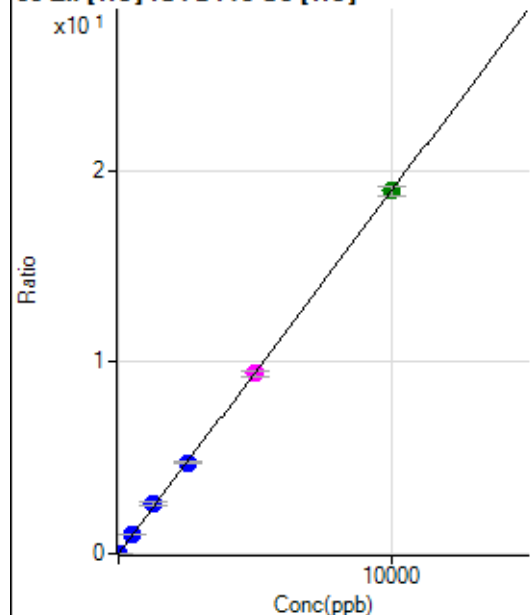
$$y = 0.0156 * x + 0.0048$$

$$R = 0.9997$$

$$DL = 0.04233$$

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	273.34	0.0016	P	8.6
2	☐	2.000	1.860	882.26	0.0052	P	11.7
3	☐	500.000	509.680	162748.82	0.9659	P	0.7
4	☐	1250.000	1381.661	399054.07	2.6156	P	8.0
5	☐	2500.000	2506.400	751305.49	4.7435	P	1.5
6	☐	5000.000	4963.725	1437232.77	9.3925	M	2.6
7	☐	10000.000	9999.596	2871260.17	18.9197	A	2.4
8	☐			6646.06	0.0490	P	10.0

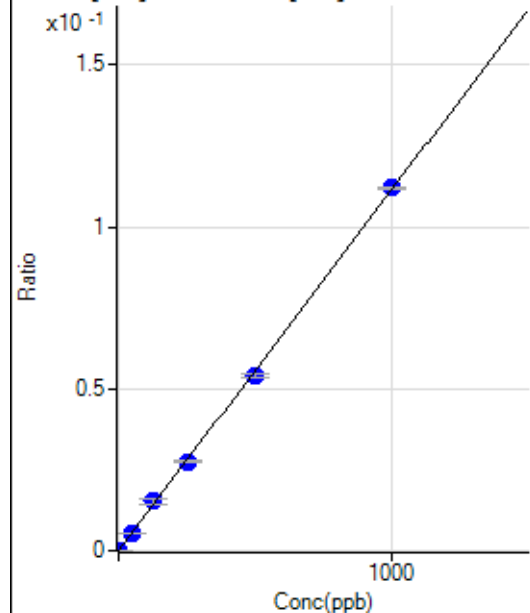
$$y = 0.0019 * x + 0.0016$$

$$R = 0.9999$$

$$DL = 0.224$$

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	5.00	0.0000	P	32.7
2	☐	1.000	1.048	184.02	0.0001	P	6.4
3	☐	50.000	49.638	8553.79	0.0055	P	1.6
4	☐	125.000	136.752	20832.39	0.0152	P	10.1
5	☐	250.000	247.205	39418.29	0.0275	P	3.3
6	☐	500.000	485.931	75274.00	0.0541	P	1.8
7	☐	1000.000	1006.282	148810.19	0.1120	P	0.3
8	☐			66.34	0.0001	P	21.0

$$y = 1.1135E-004 * x + 3.3899E-006$$

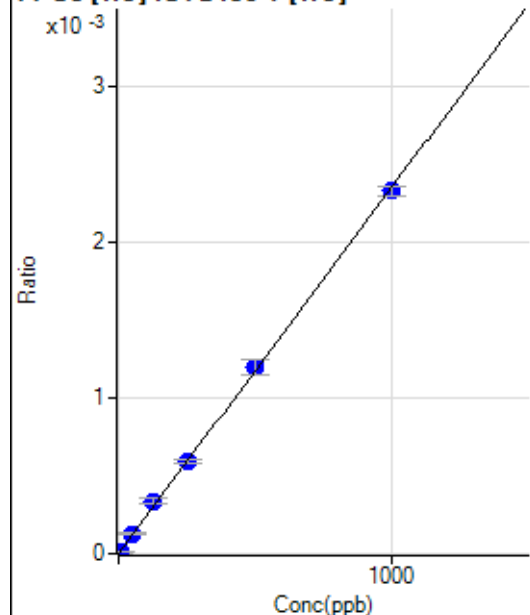
$$R = 0.9998$$

$$DL = 0.02989$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	4.937	18.89	0.0000	P	37.6
3	☐	50.000	54.424	198.89	0.0001	P	12.8
4	☐	125.000	142.390	458.90	0.0003	P	11.3
5	☐	250.000	253.993	856.70	0.0006	P	4.4
6	☐	500.000	510.628	1673.45	0.0012	P	8.2
7	☐	1000.000	991.293	3097.04	0.0023	P	2.8
8	☐			15.56	0.0000	P	26.3

$$y = 2.3519\text{E-}006 * x + 7.4724\text{E-}007$$

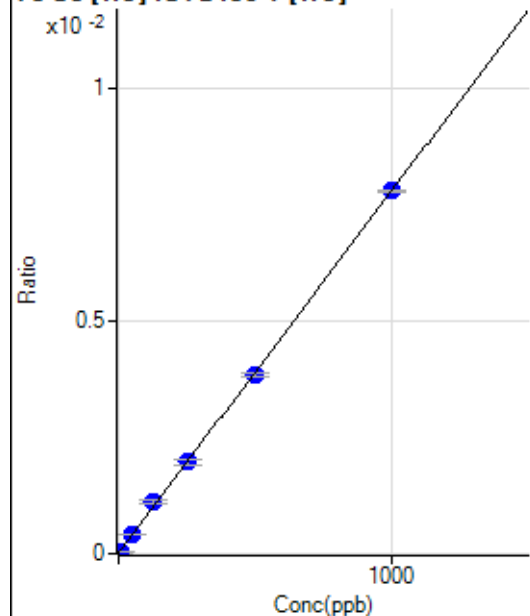
$$R = 0.9998$$

$$DL = 1.651$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.00	0.0000	P	26.2
2	☐	5.000	4.964	75.01	0.0000	P	9.8
3	☐	50.000	50.068	619.75	0.0004	P	3.4
4	☐	125.000	141.153	1521.57	0.0011	P	7.8
5	☐	250.000	253.100	2838.58	0.0020	P	6.3
6	☐	500.000	493.679	5369.24	0.0039	P	1.8
7	☐	1000.000	1000.363	10372.87	0.0078	P	0.3
8	☐			74.34	0.0001	P	18.1

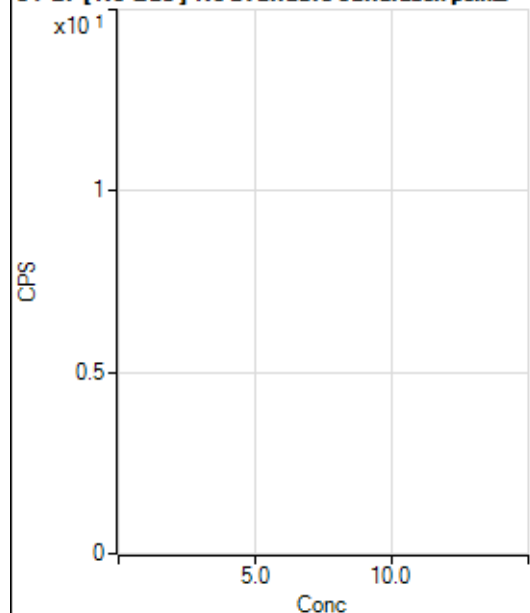
$$y = 7.7974\text{E-}006 * x + 1.0229\text{E-}005$$

$$R = 0.9998$$

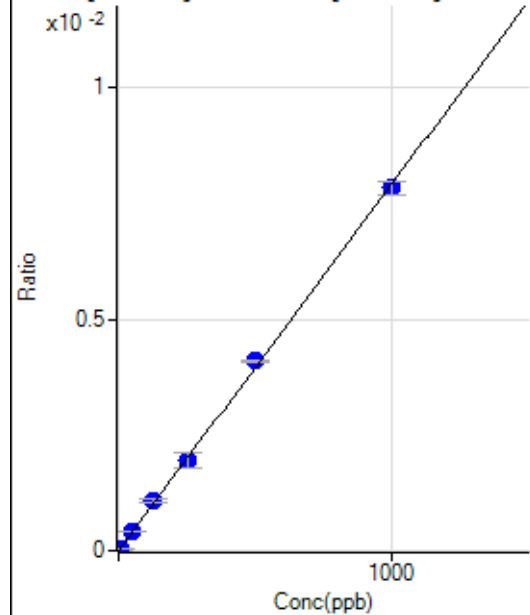
$$DL = 1.031$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4762.07		P	2.6
2	☐			4723.15		P	5.7
3	☐			4431.38		P	1.8
4	☐			4528.65		P	4.4
5	☐			4278.56		P	7.1
6	☐			3686.70		P	0.9
7	☐			3720.04		P	4.0
8	☐			6490.58		P	13.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-5.42	0.0000	P	-485.
2	☐	5.000	5.012	541.20	0.0000	P	10.0
3	☐	50.000	54.319	5990.67	0.0004	P	1.5
4	☐	125.000	134.674	14691.95	0.0011	P	6.8
5	☐	250.000	246.605	27966.85	0.0020	P	15.9
6	☐	500.000	517.551	54038.75	0.0041	P	0.9
7	☐	1000.000	990.648	101679.32	0.0078	P	3.6
8	☐			517.46	0.0000	P	8.2

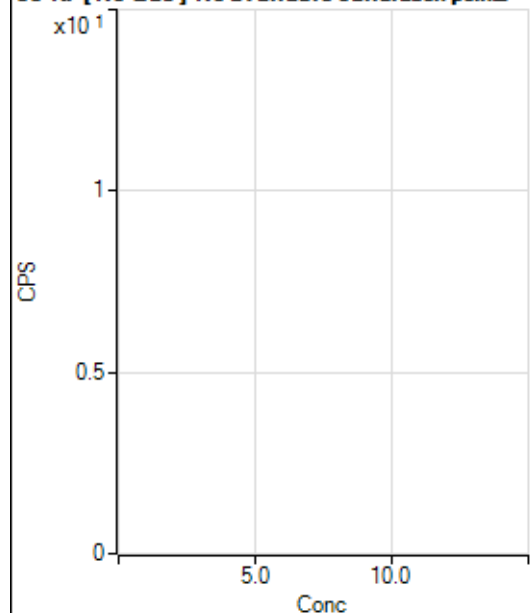
$$y = 7.9151E-006 * x - 6.2649E-007$$

$$R = 0.9997$$

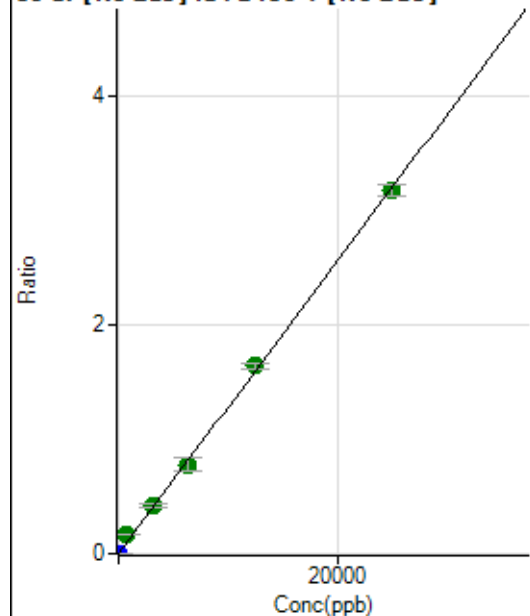
$$DL = 1.153$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			282.05		P	10.8
2	☐			280.80		P	7.8
3	☐			287.89		P	8.6
4	☐			262.89		P	4.0
5	☐			270.80		P	8.8
6	☐			266.22		P	10.8
7	☐			271.22		P	4.8
8	☐			262.89		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	977.85	0.0001	P	36.6
2	☐	1.000	0.638	2122.44	0.0002	P	5.7
3	☐	625.000	1330.790	2366784.73	0.1696	A	2.7
4	☐	3125.000	3255.472	5722080.86	0.4149	A	6.7
5	☐	6250.000	6057.698	11072148.17	0.7720	A	15.2
6	☐	12500.000	12854.998	21605450.66	1.6381	A	2.6
7	☐	25000.000	24836.623	41049064.46	3.1648	A	3.0
8	☐			22638.45	0.0019	P	57.0

$$y = 1.2742E-004 * x + 7.1817E-005$$

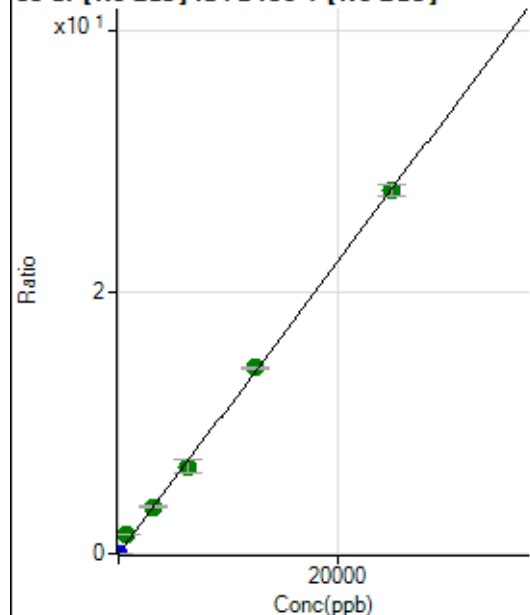
$$R = 0.9995$$

$$DL = 0.6186$$

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	4014.81	0.0003	P	36.3
2	☐	1.000	0.730	15331.03	0.0011	P	3.9
3	☐	625.000	1282.743	19899819.37	1.4262	A	2.2
4	☐	3125.000	3225.632	49458187.22	3.5860	A	6.7
5	☐	6250.000	5985.034	95366917.41	6.6535	A	15.7
6	☐	12500.000	12748.269	186954840.2	14.1717	A	1.6
7	☐	25000.000	24913.084	359201988.5	27.6946	A	3.3
8	☐			224720.85	0.0185	P	64.2

$$y = 0.0011 * x + 2.9493E-004$$

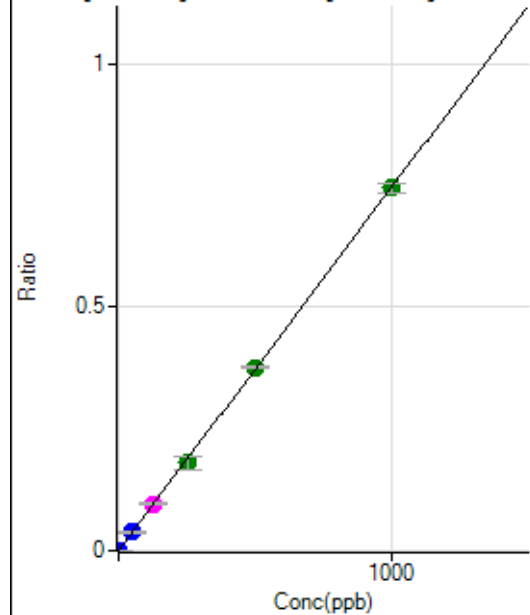
$$R = 0.9995$$

$$DL = 0.2887$$

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	597.25	0.0000	P	12.5
2	☐	1.000	0.928	10192.86	0.0007	P	3.1
3	☐	50.000	50.698	528479.05	0.0379	P	2.1
4	☐	125.000	128.899	1327446.80	0.0962	M	6.5
5	☐	250.000	240.883	2575149.56	0.1798	A	16.6
6	☐	500.000	505.556	4977929.15	0.3773	A	0.7
7	☐	1000.000	998.979	9671021.05	0.7455	A	2.8
8	☐			7284.79	0.0006	P	32.4

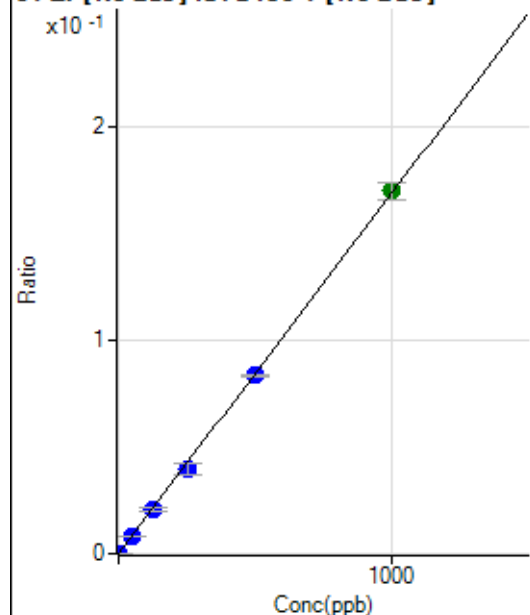
$$y = 7.4625E-004 * x + 4.2990E-005$$

$$R = 0.9999$$

$$DL = 0.02159$$

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	77.78	0.0000	P	45.8
2	☐	1.000	0.877	2127.99	0.0002	P	3.7
3	☐	50.000	50.159	118085.27	0.0085	P	1.5
4	☐	125.000	124.362	288845.72	0.0210	P	9.6
5	☐	250.000	234.904	567902.49	0.0396	P	15.6
6	☐	500.000	493.778	1098363.93	0.0833	P	1.2
7	☐	1000.000	1006.957	2201642.17	0.1698	A	4.5
8	☐			1666.99	0.0001	P	44.0

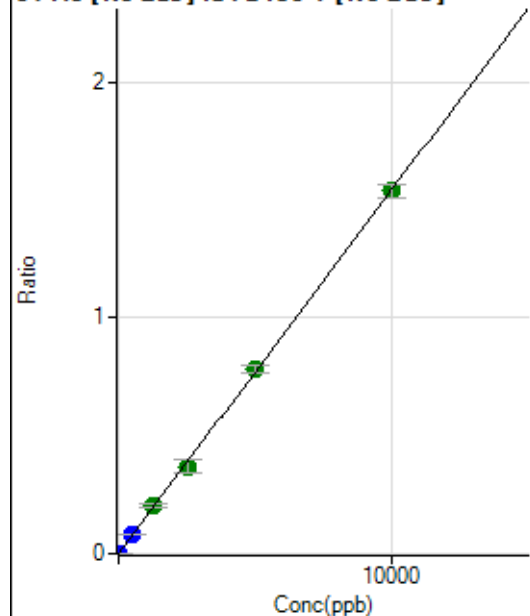
$$y = 1.6861E-004 * x + 5.6528E-006$$

$$R = 0.9998$$

$$DL = 0.0461$$

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	275.01	0.0000	P	16.6
2	☐	5.000	5.496	12022.16	0.0009	P	1.8
3	☐	500.000	518.049	1114843.74	0.0799	P	3.6
4	☐	1250.000	1314.028	2793900.84	0.2027	A	7.9
5	☐	2500.000	2401.904	5307146.21	0.3705	A	16.3
6	☐	5000.000	5073.864	10320218.29	0.7826	A	3.3
7	☐	10000.000	9978.686	19957725.79	1.5390	A	3.9
8	☐			13219.70	0.0011	P	48.5

$$y = 1.5423E-004 * x + 1.9886E-005$$

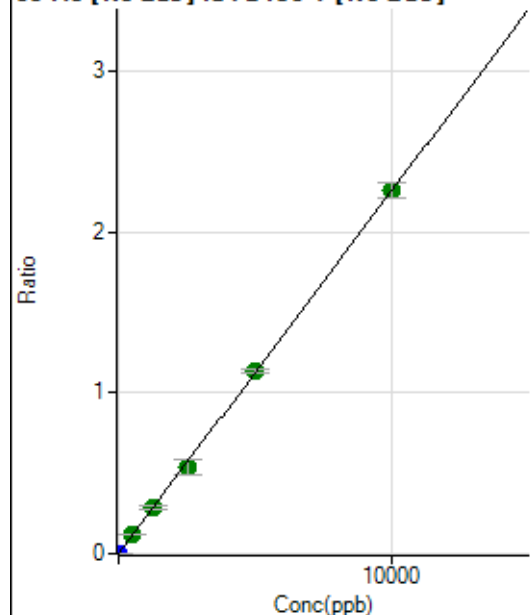
$$R = 0.9999$$

$$DL = 0.06434$$

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	288.90	0.0000	P	24.6
2	☐	5.000	4.819	15344.90	0.0011	P	2.8
3	☐	500.000	513.588	1615730.85	0.1158	A	1.7
4	☐	1250.000	1292.801	4017673.14	0.2914	A	7.6
5	☐	2500.000	2379.413	7684661.63	0.5364	A	16.3
6	☐	5000.000	5039.616	14983694.43	1.1361	A	2.6
7	☐	10000.000	10004.309	29242572.53	2.2552	A	4.2
8	☐			18789.55	0.0015	P	48.6

$$y = 2.2542\text{E-}004 * x + 2.0900\text{E-}005$$

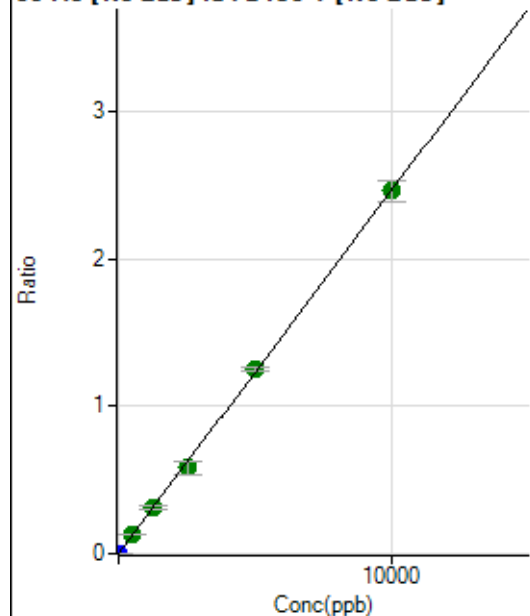
$$R = 0.9999$$

$$DL = 0.06856$$

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	400.02	0.0000	P	38.8
2	☐	5.000	4.803	16793.87	0.0012	P	2.3
3	☐	500.000	518.183	1780557.31	0.1276	A	2.9
4	☐	1250.000	1287.898	4372290.64	0.3172	A	7.6
5	☐	2500.000	2371.159	8365333.26	0.5839	A	16.3
6	☐	5000.000	5078.671	16495330.75	1.2506	A	2.3
7	☐	10000.000	9987.228	31876101.06	2.4593	A	5.9
8	☐			22411.15	0.0018	P	48.7

$$y = 2.4624\text{E-}004 * x + 2.9160\text{E-}005$$

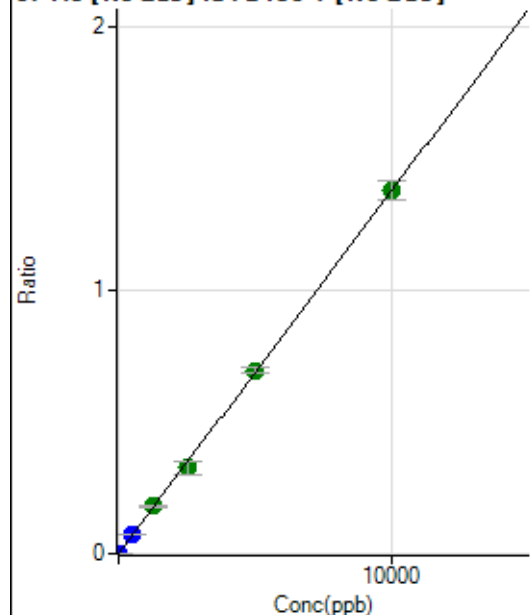
$$R = 0.9998$$

$$DL = 0.1377$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	60.1
2	☐	5.000	4.871	9475.69	0.0007	P	3.5
3	☐	500.000	510.789	982322.26	0.0704	P	2.5
4	☐	1250.000	1298.852	2469313.12	0.1790	A	6.3
5	☐	2500.000	2360.495	4657976.06	0.3253	A	17.0
6	☐	5000.000	5054.016	9186113.58	0.6965	A	3.0
7	☐	10000.000	10001.222	17867245.88	1.3783	A	5.4
8	☐			12743.09	0.0011	P	62.0

$$y = 1.3781\text{E-}004 * x + 1.2484\text{E-}005$$

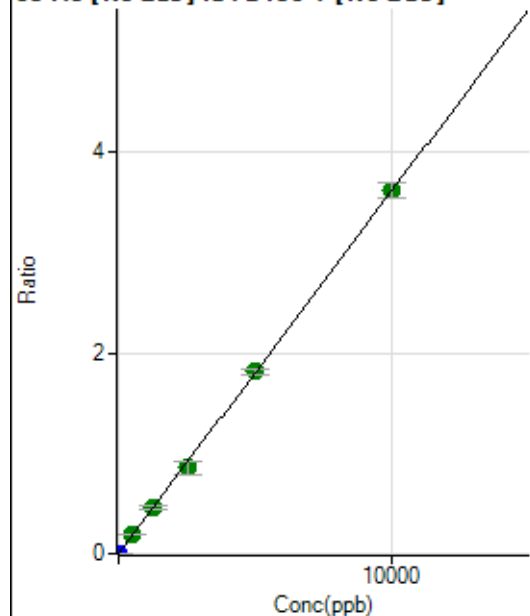
$$R = 0.9998$$

$$DL = 0.1634$$

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	575.04	0.0000	P	58.2
2	☐	5.000	4.596	23570.50	0.0017	P	2.0
3	☐	500.000	512.015	2577846.63	0.1848	A	2.7
4	☐	1250.000	1275.961	6349764.55	0.4604	A	6.7
5	☐	2500.000	2371.158	12257115.72	0.8555	A	16.4
6	☐	5000.000	5034.054	23952986.65	1.8163	A	3.4
7	☐	10000.000	10011.338	46835514.24	3.6120	A	4.2
8	☐			31959.83	0.0026	P	54.1

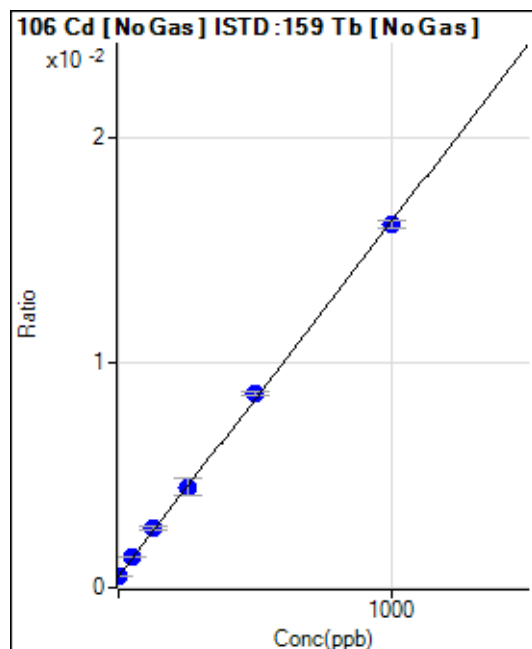
$$y = 3.6079\text{E-}004 * x + 4.2739\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.2067$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5203.95	0.0005	P	3.1
2	☐	1.000	0.011	5092.74	0.0005	P	4.4
3	☐	50.000	54.624	14090.88	0.0014	P	1.9
4	☐	125.000	135.398	27027.22	0.0026	P	6.4
5	☐	250.000	252.279	48000.85	0.0045	P	15.8
6	☐	500.000	514.658	86946.40	0.0086	P	1.6
7	☐	1000.000	990.571	160222.78	0.0161	P	2.1
8	☐			4617.58	0.0005	P	2.0

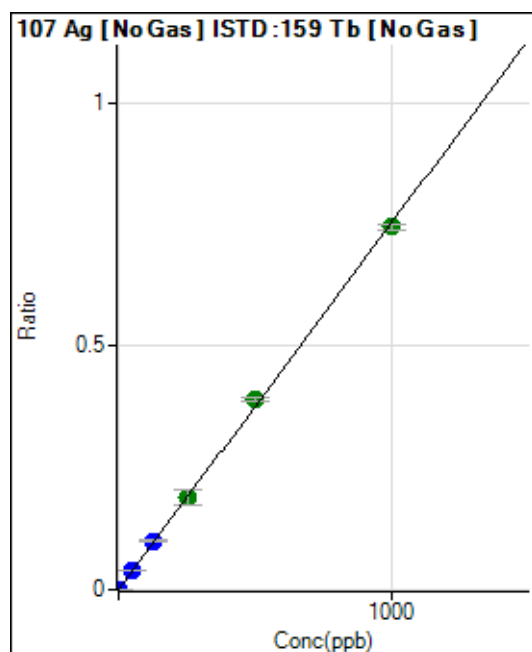
$$y = 1.5785\text{E-}005 * x + 5.0533\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.953$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.91	0.0000	P	23.6
2	☐	1.000	1.000	7969.18	0.0008	P	2.4
3	☐	50.000	54.303	421572.09	0.0409	P	0.3
4	☐	125.000	132.471	1020330.24	0.0998	P	6.0
5	☐	250.000	251.013	2019547.16	0.1890	A	16.6
6	☐	500.000	518.493	3932527.35	0.3903	A	2.2
7	☐	1000.000	989.351	7392725.95	0.7447	A	1.7
8	☐			1272.31	0.0001	P	7.2

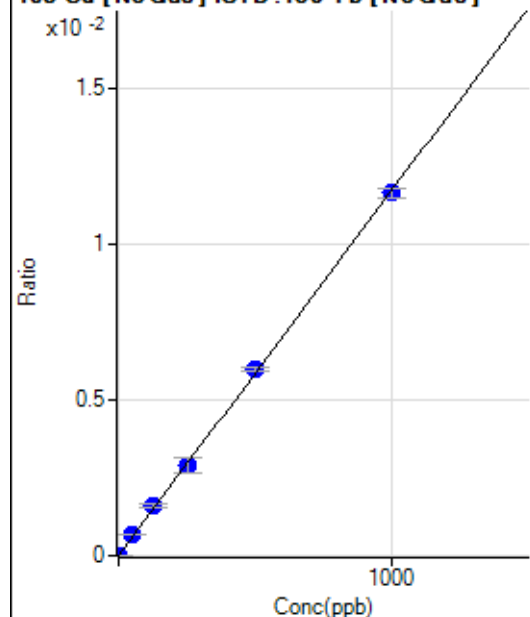
$$y = 7.5272\text{E-}004 * x + 3.8472\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.03611$$

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	27.78	0.0000	P	52.7
2	☐	1.000	1.026	150.00	0.0000	P	8.2
3	☐	50.000	56.172	6808.70	0.0007	P	3.4
4	☐	125.000	137.268	16469.73	0.0016	P	7.0
5	☐	250.000	246.213	30858.29	0.0029	P	16.4
6	☐	500.000	510.019	60222.63	0.0060	P	2.2
7	☐	1000.000	994.095	115601.62	0.0116	P	2.4
8	☐			177.78	0.0000	P	46.7

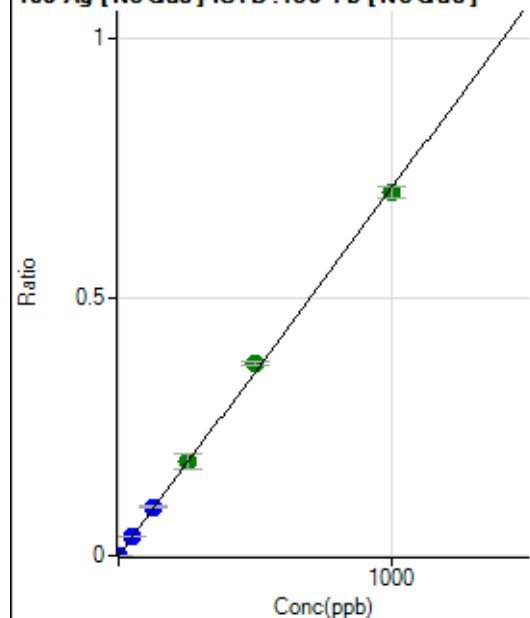
$$y = 1.1713\text{E-}005 * x + 2.8596\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.3859$$

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	330.57	0.0000	P	51.2
2	☐	1.000	0.941	7090.89	0.0007	P	1.5
3	☐	50.000	53.924	395813.84	0.0384	P	0.2
4	☐	125.000	132.079	962137.75	0.0940	P	5.4
5	☐	250.000	255.434	1941903.10	0.1818	A	17.5
6	☐	500.000	520.824	3735439.84	0.3707	A	2.0
7	☐	1000.000	987.148	6972695.47	0.7026	A	3.3
8	☐			1319.54	0.0001	P	14.4

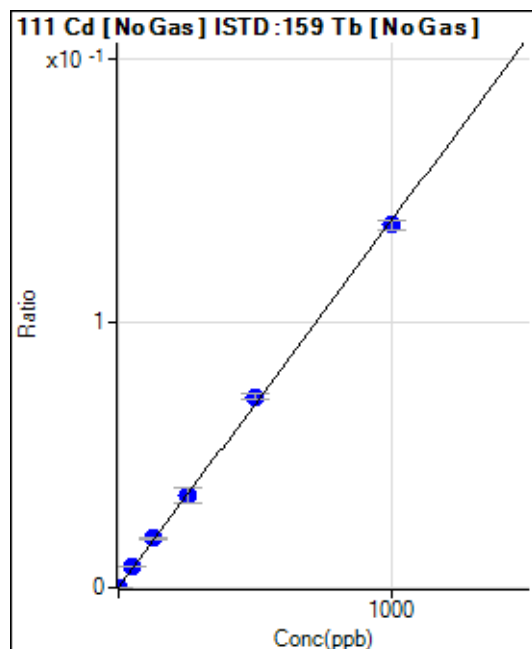
$$y = 7.1174\text{E-}004 * x + 3.3816\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.073$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1065.79	0.0001	P	2.9
2	☐	1.000	1.055	2516.44	0.0002	P	2.7
3	☐	50.000	54.577	79016.60	0.0077	P	0.6
4	☐	125.000	134.089	191186.63	0.0187	P	5.8
5	☐	250.000	251.389	373607.35	0.0349	P	16.5
6	☐	500.000	520.446	727838.32	0.0722	P	2.3
7	☐	1000.000	988.064	1360280.93	0.1371	P	2.7
8	☐			2120.09	0.0002	P	25.3

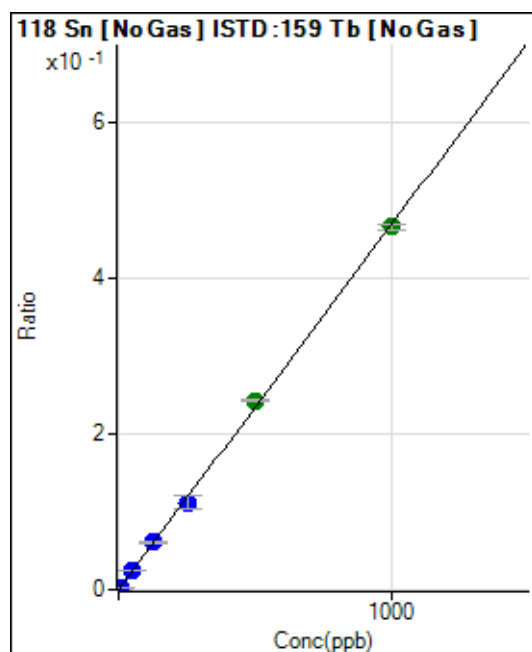
$$y = 1.3861E-004 * x + 1.0349E-004$$

$$R = 0.9997$$

$$DL = 0.06522$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	927.84	0.0001	P	19.3
2	☐	5.000	4.929	24199.73	0.0024	P	2.6
3	☐	50.000	52.134	252677.09	0.0245	P	1.5
4	☐	125.000	129.814	623236.28	0.0609	P	5.8
5	☐	250.000	237.996	1193238.20	0.1116	P	16.3
6	☐	500.000	517.887	2446252.36	0.2428	A	1.7
7	☐	1000.000	993.349	4621726.23	0.4656	A	1.7
8	☐			4709.63	0.0005	P	28.0

$$y = 4.6861E-004 * x + 9.1802E-005$$

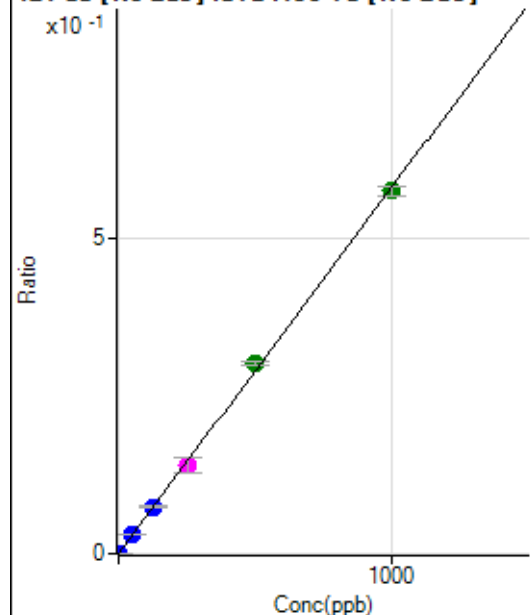
$$R = 0.9997$$

$$DL = 0.1133$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	9.9
2	☐	2.000	1.932	11443.98	0.0011	P	1.5
3	☐	50.000	51.266	306372.63	0.0297	P	0.7
4	☐	125.000	128.688	763580.58	0.0746	P	4.7
5	☐	250.000	242.144	1498334.10	0.1404	M	17.8
6	☐	500.000	519.949	3037159.03	0.3014	A	1.4
7	☐	1000.000	991.466	5704118.70	0.5748	A	3.0
8	☐			5001.85	0.0005	P	41.5

$$y = 5.7970\text{E-}004 * x + 1.5139\text{E-}005$$

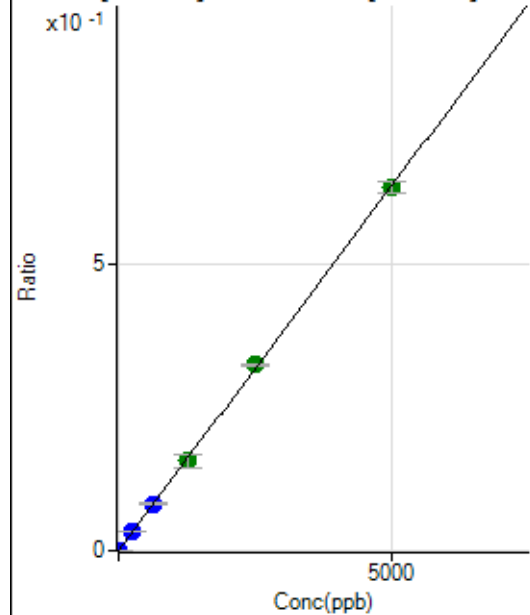
$$R = 0.9997$$

$$DL = 0.007761$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	24.8
2	☐	10.000	9.367	12203.04	0.0012	P	2.2
3	☐	250.000	259.869	341546.14	0.0331	P	1.4
4	☐	625.000	645.848	842868.40	0.0824	P	4.5
5	☐	1250.000	1228.681	1675768.15	0.1567	A	15.8
6	☐	2500.000	2552.627	3279342.09	0.3255	A	1.3
7	☐	5000.000	4975.918	6295856.13	0.6344	A	3.1
8	☐			6666.87	0.0007	P	35.1

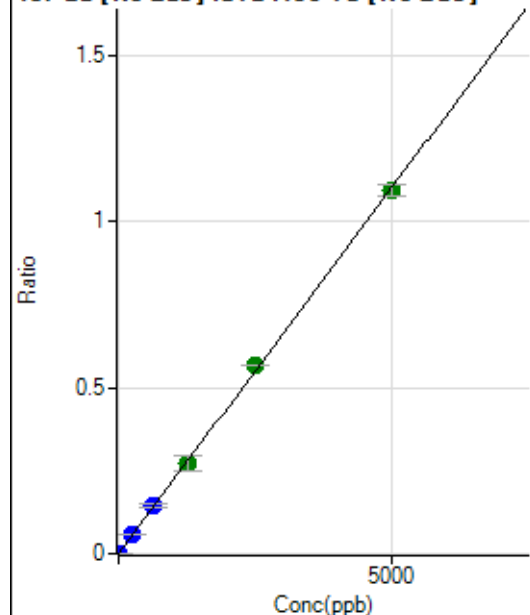
$$y = 1.2749\text{E-}004 * x + 1.6767\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.09798$$

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	191.68	0.0000	P	59.1
2	☐	10.000	9.920	22204.88	0.0022	P	1.7
3	☐	250.000	265.624	602683.30	0.0585	P	1.1
4	☐	625.000	653.402	1471781.31	0.1439	P	5.4
5	☐	1250.000	1231.482	2895086.20	0.2711	A	17.3
6	☐	2500.000	2577.171	5717527.60	0.5673	A	0.6
7	☐	5000.000	4961.713	10839674.46	1.0922	A	3.2
8	☐			11231.79	0.0012	P	38.5

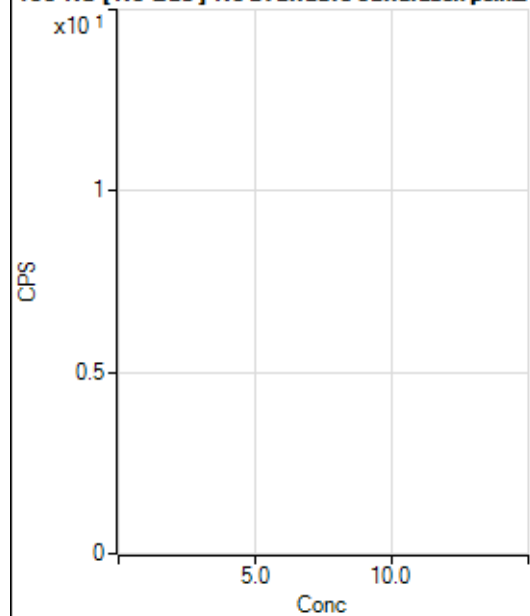
$$y = 2.2013\text{E-}004 * x + 1.9752\text{E-}005$$

$$R = 0.9998$$

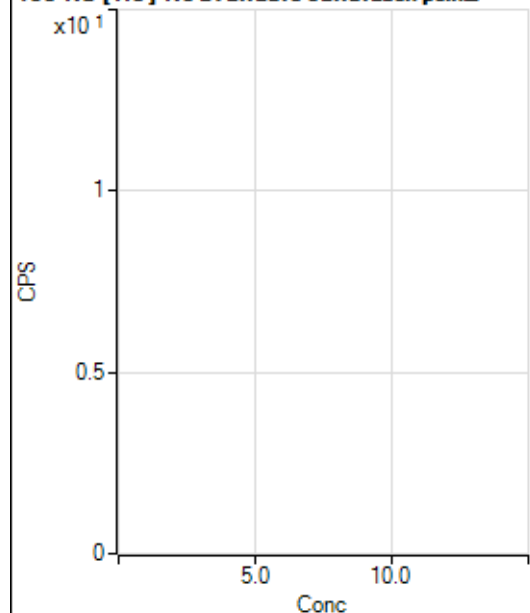
$$DL = 0.159$$

Weight: <None>

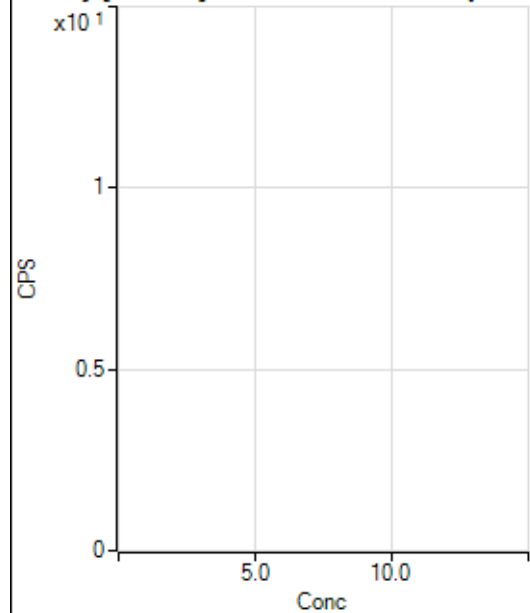
Min Conc: 0

150 Nd [No Gas] No available calibration points

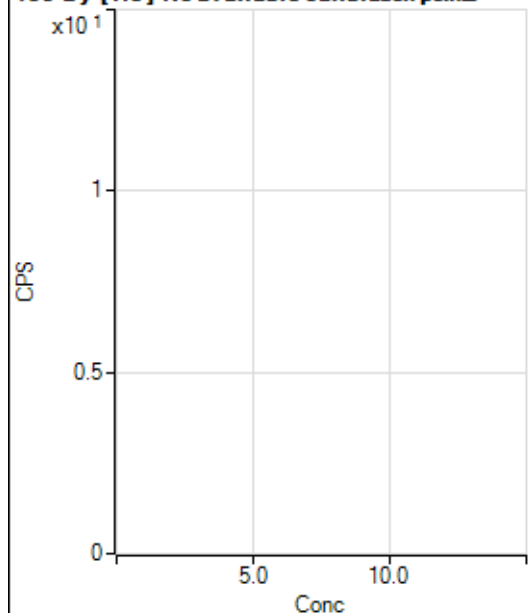
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			4.45		P	86.6
3	☐			26.67		P	66.2
4	☐			42.22		P	39.7
5	☐			93.34		P	24.7
6	☐			195.56		P	3.9
7	☐			313.34		P	15.3
8	☐			180.00		P	35.3

150 Nd [He] No available calibration points

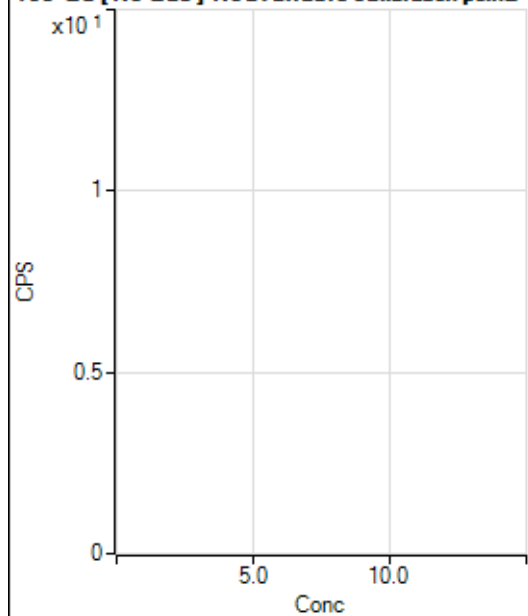
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.55		P	69.3
3	☐			5.56		P	34.7
4	☐			2.22		P	86.6
5	☐			10.00		P	66.7
6	☐			14.44		P	58.1
7	☐			28.89		P	13.3
8	☐			61.11		P	32.9

156 Dy [No Gas] No available calibration points

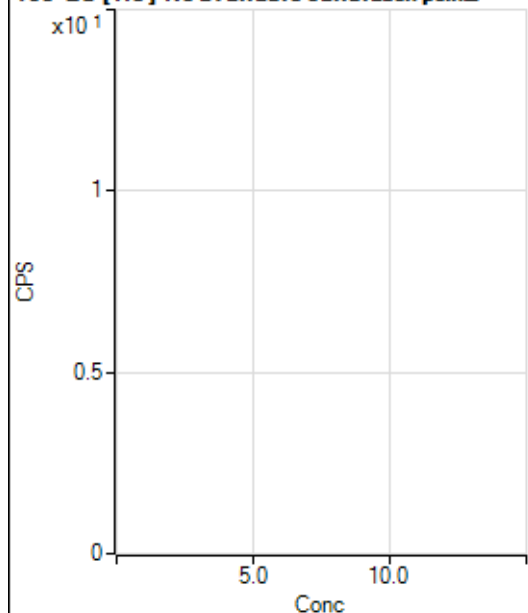
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐			8.33		P	100.0
3	☐			25.00		P	57.7
4	☐			47.22		P	20.4
5	☐			116.67		P	14.3
6	☐			169.45		P	23.2
7	☐			350.02		P	18.9
8	☐			1300.10		P	8.4

156 Dy [He] No available calibration points

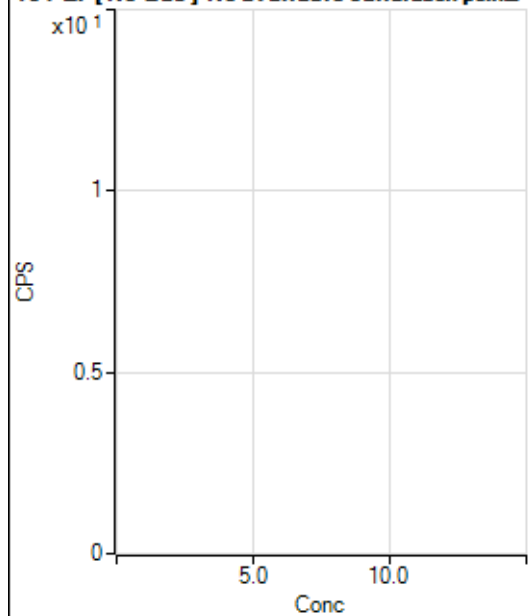
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			6.67		P	100.0
3	☐			10.00		P	57.8
4	☐			30.00		P	38.5
5	☐			47.78		P	17.6
6	☐			105.56		P	18.2
7	☐			184.45		P	5.2
8	☐			567.80		P	7.0

160 Gd [No Gas] Noavailable calibration poin_

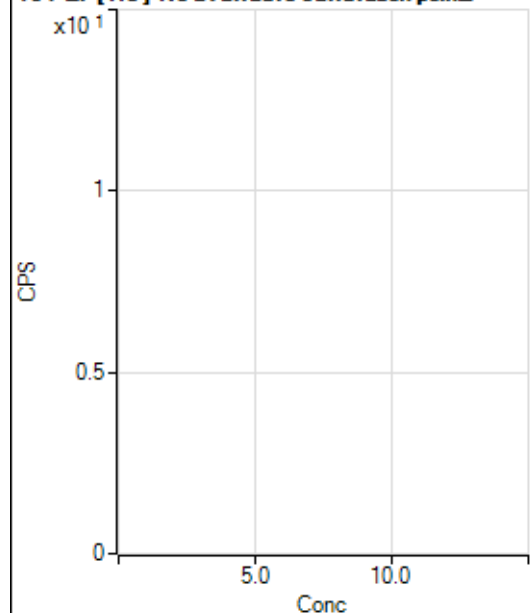
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	18.9
2	☐			138.89		P	34.6
3	☐			133.34		P	27.2
4	☐			161.12		P	3.0
5	☐			194.45		P	13.8
6	☐			291.68		P	10.3
7	☐			422.24		P	16.4
8	☐			1394.56		P	16.8

160 Gd [He] No available calibration points

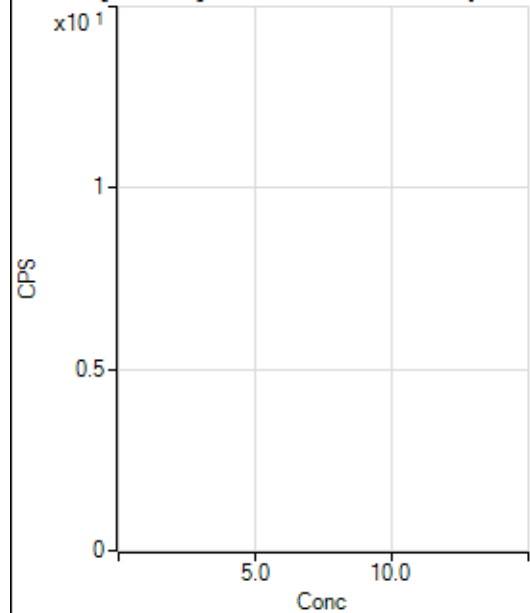
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	28.1
2	☐			135.56		P	18.8
3	☐			162.23		P	11.3
4	☐			143.34		P	19.9
5	☐			166.67		P	6.0
6	☐			217.78		P	9.7
7	☐			267.78		P	12.3
8	☐			763.36		P	3.5

164 Er [No Gas] No available calibration points

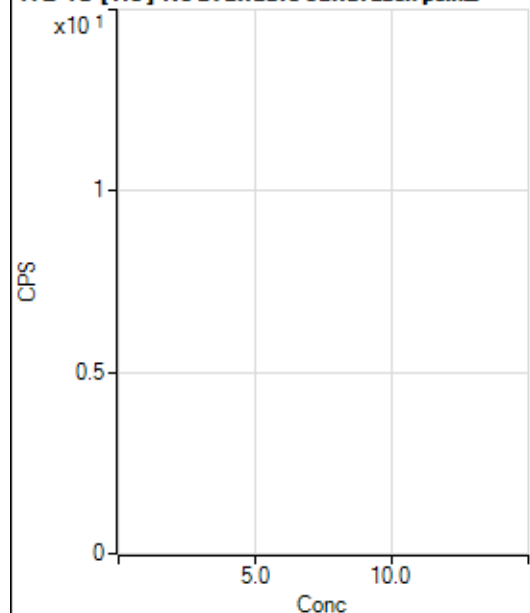
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	45.4
2	☐			52.78		P	59.8
3	☐			91.67		P	18.2
4	☐			66.67		P	21.7
5	☐			86.11		P	73.3
6	☐			108.34		P	23.1
7	☐			119.45		P	42.6
8	☐			219.45		P	35.3

164 Er [He] No available calibration points

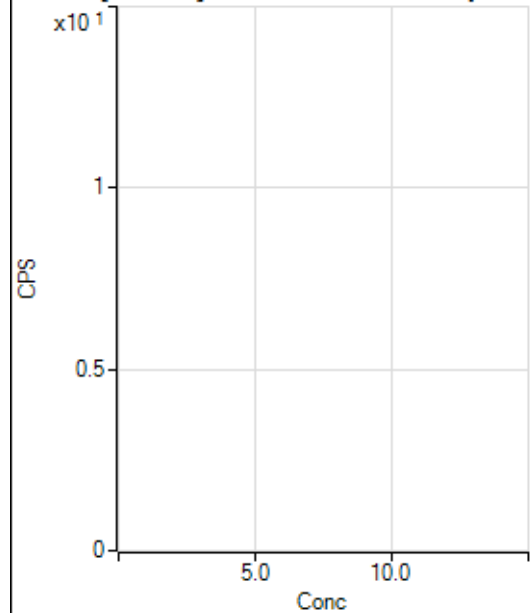
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	28.6
2	☐			33.33		P	36.1
3	☐			54.45		P	28.9
4	☐			17.78		P	10.8
5	☐			31.11		P	27.0
6	☐			37.78		P	10.2
7	☐			54.45		P	19.7
8	☐			84.44		P	6.0

172 Yb [No Gas] No available calibration points

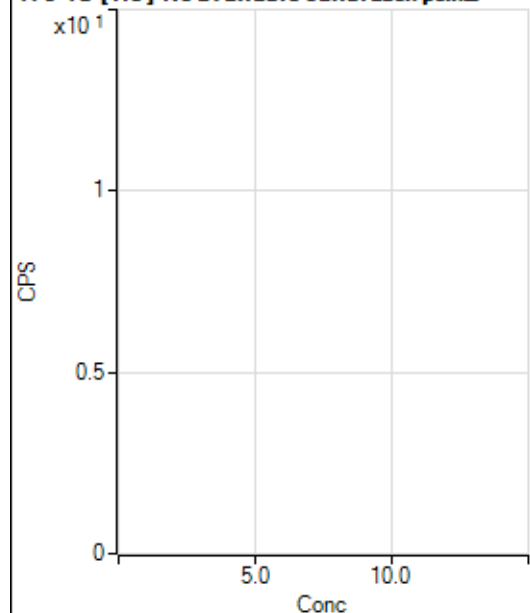
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	30.0
2	☐			69.45		P	54.1
3	☐			94.45		P	48.6
4	☐			105.56		P	22.8
5	☐			119.45		P	14.5
6	☐			155.56		P	34.9
7	☐			194.45		P	6.5
8	☐			163.90		P	24.0

172 Yb [He] No available calibration points

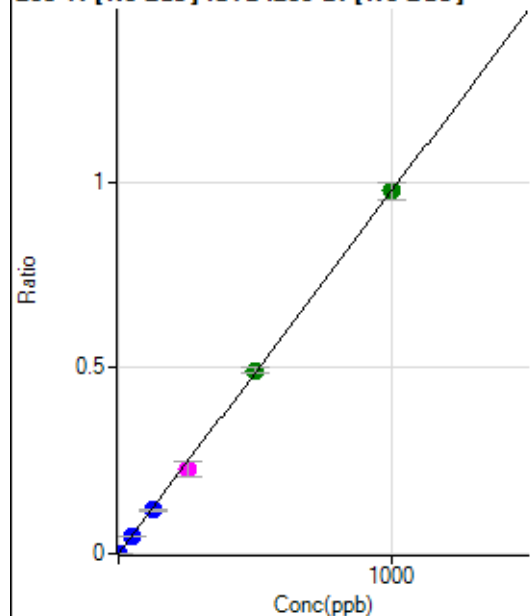
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29.63		P	10.8
2	☐			31.48		P	36.7
3	☐			27.78		P	52.9
4	☐			38.89		P	51.5
5	☐			51.86		P	55.0
6	☐			68.52		P	24.8
7	☐			75.93		P	15.2
8	☐			83.34		P	13.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1777.95		P	21.2
2	☐			1816.84		P	6.1
3	☐			3125.45		P	5.5
4	☐			5298.41		P	3.4
5	☐			8527.99		P	4.0
6	☐			14833.69		P	0.9
7	☐			26869.62		P	1.0
8	☐			1855.73		P	4.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11325.42		P	4.4
2	☐			11748.02		P	2.0
3	☐			12181.74		P	2.9
4	☐			11790.74		P	9.4
5	☐			13803.75		P	2.7
6	☐			16484.61		P	1.7
7	☐			21905.45		P	3.4
8	☐			9911.33		P	6.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	391.69	0.0001	P	35.2
2	☐	1.000	0.873	6137.77	0.0009	P	1.1
3	☐	50.000	48.031	323662.20	0.0468	P	1.6
4	☐	125.000	120.692	815564.49	0.1176	P	6.4
5	☐	250.000	235.816	1623845.09	0.2298	M	18.1
6	☐	500.000	506.093	3268817.96	0.4931	A	2.8
7	☐	1000.000	1001.136	6261350.31	0.9753	A	4.8
8	☐			4160.30	0.0007	P	38.1

$$y = 9.7412\text{E-}004 * x + 5.9473\text{E-}005$$

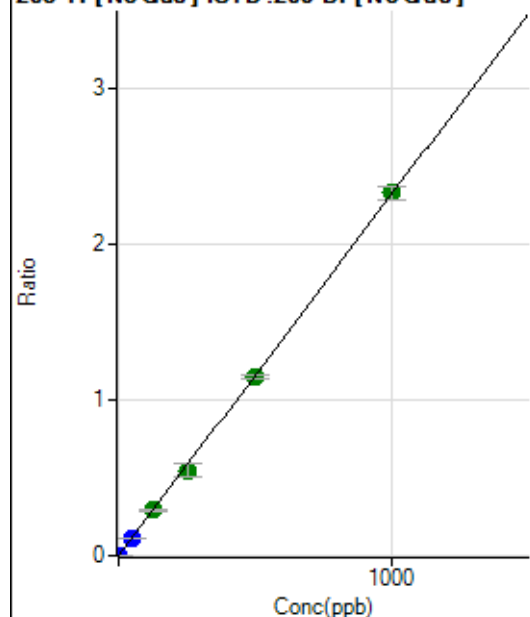
$$R = 0.9999$$

$$DL = 0.06446$$

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	861.17	0.0001	P	19.3
2	☐	1.000	0.900	14934.03	0.0022	P	2.9
3	☐	50.000	48.320	773905.49	0.1120	P	3.5
4	☐	125.000	126.895	2040057.90	0.2940	A	4.8
5	☐	250.000	234.942	3856214.84	0.5443	A	15.5
6	☐	500.000	497.543	7641234.37	1.1525	A	2.3
7	☐	1000.000	1004.840	14944278.46	2.3275	A	4.0
8	☐			8702.63	0.0015	P	36.0

$$y = 0.0023 * x + 1.2862E-004$$

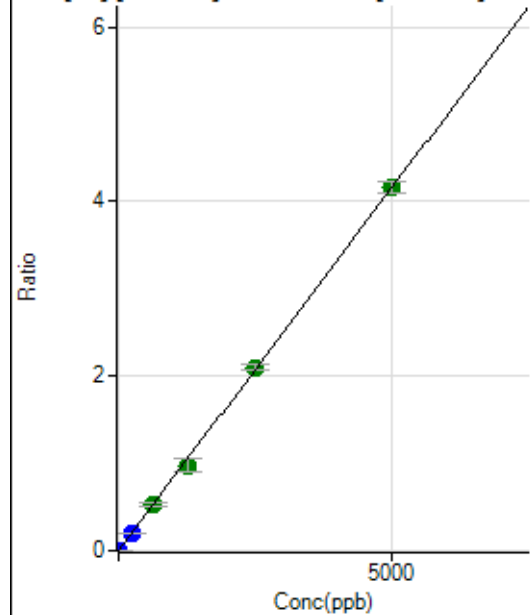
$$R = 0.9999$$

$$DL = 0.03222$$

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	1211.19	0.0002	P	22.6
2	☐	1.000	0.824	5840.31	0.0009	P	5.6
3	☐	250.000	235.628	1352288.39	0.1958	P	3.5
4	☐	625.000	635.083	3658581.59	0.5274	A	5.1
5	☐	1250.000	1178.829	6935598.01	0.9788	A	15.4
6	☐	2500.000	2526.593	13906924.85	2.0976	A	2.6
7	☐	5000.000	5003.955	26679586.71	4.1542	A	3.2
8	☐			19750.03	0.0034	P	31.5

$$y = 8.3015E-004 * x + 1.8142E-004$$

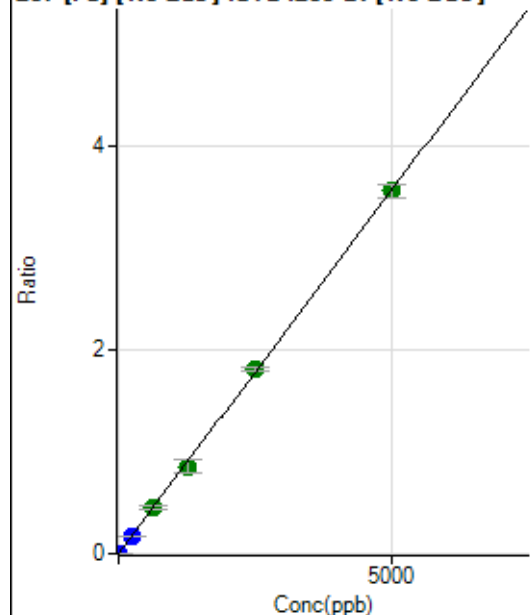
$$R = 0.9999$$

$$DL = 0.1484$$

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	1098.22	0.0002	P	18.8
2	☐	1.000	0.820	5051.08	0.0007	P	4.6
3	☐	250.000	240.888	1189245.09	0.1722	P	2.7
4	☐	625.000	636.468	3153741.47	0.4546	A	5.1
5	☐	1250.000	1199.598	6067002.91	0.8567	A	15.9
6	☐	2500.000	2537.891	12014722.15	1.8123	A	2.8
7	☐	5000.000	4992.677	22892190.09	3.5651	A	3.7
8	☐			17014.11	0.0029	P	33.4

$$y = 7.1403\text{E-}004 * x + 1.6357\text{E-}004$$

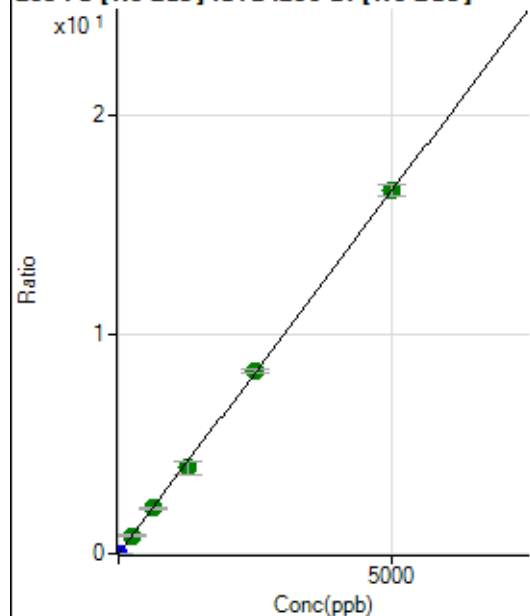
$$R = 0.9999$$

$$DL = 0.1294$$

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	4878.24	0.0007	P	19.5
2	☐	1.000	0.825	23340.11	0.0035	P	3.3
3	☐	250.000	250.142	5726728.63	0.8291	A	3.0
4	☐	625.000	631.685	14516598.52	2.0926	A	5.0
5	☐	1250.000	1187.875	27874400.68	3.9344	A	15.5
6	☐	2500.000	2520.492	55340337.70	8.3474	A	2.7
7	☐	5000.000	5004.443	106428306.7	16.5731	A	3.3
8	☐			79063.28	0.0136	P	34.6

$$y = 0.0033 * x + 7.2898\text{E-}004$$

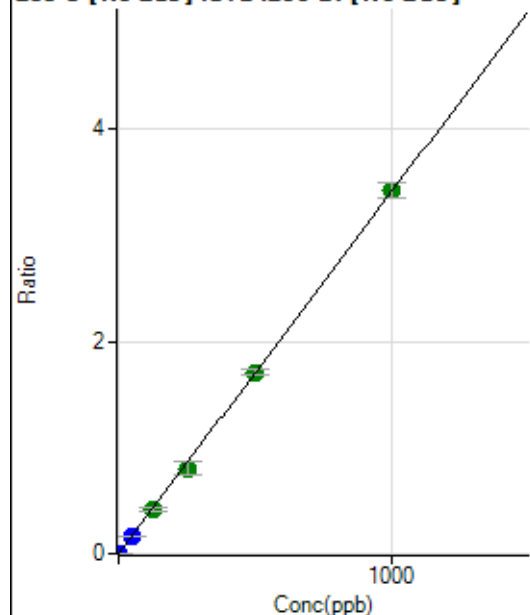
$$R = 0.9999$$

$$DL = 0.1285$$

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	366.68	0.0001	P	38.9
2	☐	1.000	0.883	20678.43	0.0031	P	3.4
3	☐	50.000	46.752	1101428.79	0.1595	P	2.8
4	☐	125.000	121.898	2882780.12	0.4157	A	5.7
5	☐	250.000	236.441	5698956.81	0.8062	A	17.8
6	☐	500.000	501.724	11341611.62	1.7107	A	2.8
7	☐	1000.000	1003.078	21958748.06	3.4200	A	4.1
8	☐			10495.29	0.0018	P	53.7

$$y = 0.0034 * x + 5.5342E-005$$

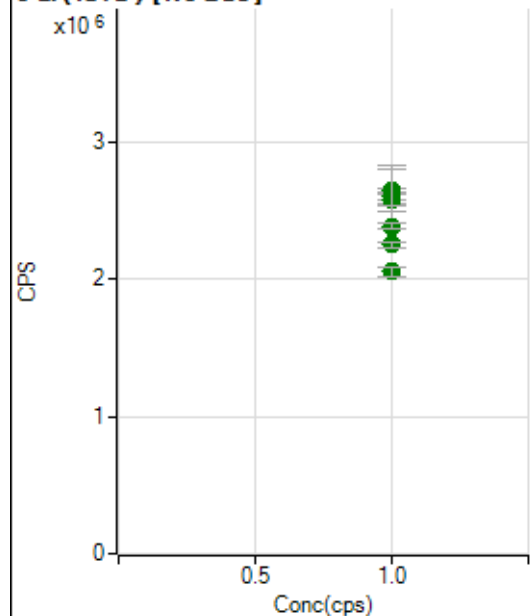
$$R = 0.9999$$

$$DL = 0.01894$$

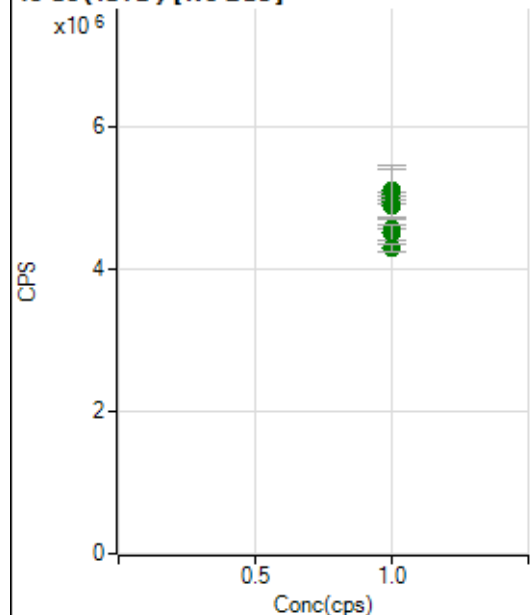
Weight: <None>

Min Conc: 0

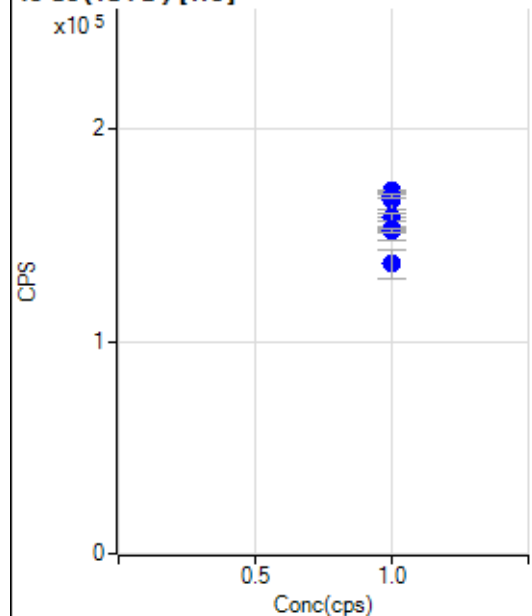
6 Li (ISTD) [No Gas]



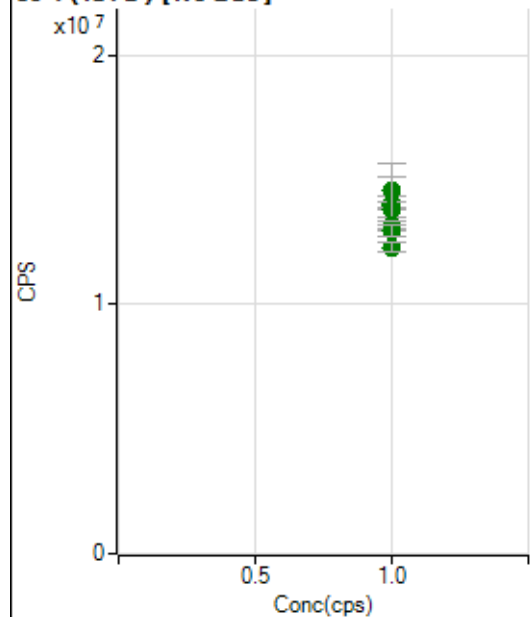
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2618515.45		A	15.6
2	☐	1.000		2603320.84		A	1.6
3	☐	1.000		2609838.28		A	4.3
4	☐	1.000		2582586.14		A	4.0
5	☐	1.000		2641503.77		A	11.5
6	☐	1.000		2386381.50		A	1.4
7	☐	1.000		2250503.17		A	1.9
8	☐	1.000		2053585.60		A	3.2

45 Sc (ISTD) [No Gas]

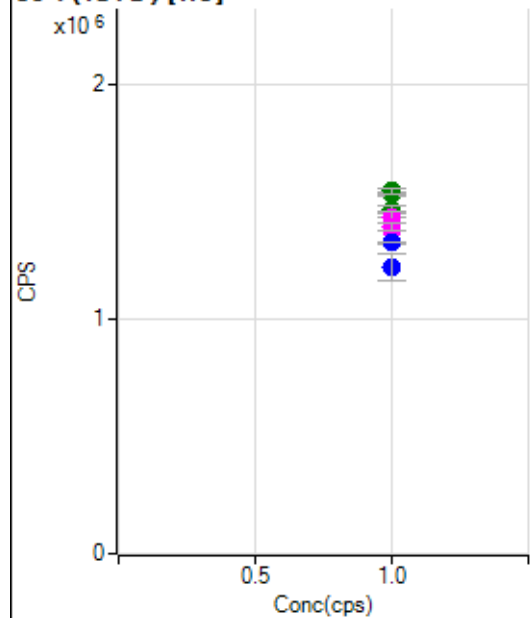
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5053295.93		A	14.0
2	☐	1.000		4942038.02		A	1.2
3	☐	1.000		5008038.64		A	1.0
4	☐	1.000		4896083.78		A	7.1
5	☐	1.000		5100387.01		A	14.5
6	☐	1.000		4572541.56		A	0.4
7	☐	1.000		4514704.55		A	4.5
8	☐	1.000		4299154.76		A	2.6

45 Sc (ISTD) [He]

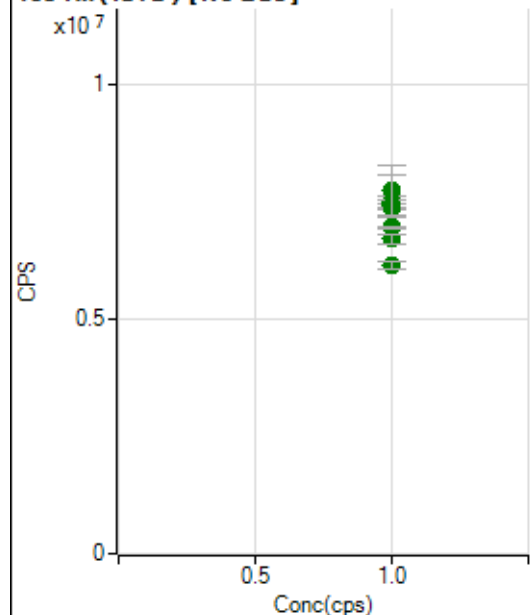
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		166136.05		P	4.8
2	☐	1.000		170750.74		P	0.6
3	☐	1.000		168498.00		P	0.7
4	☐	1.000		153164.76		P	7.3
5	☐	1.000		158423.12		P	2.3
6	☐	1.000		153053.11		P	1.4
7	☐	1.000		151789.67		P	1.2
8	☐	1.000		136434.06		P	10.0

89 Y (ISTD) [No Gas]

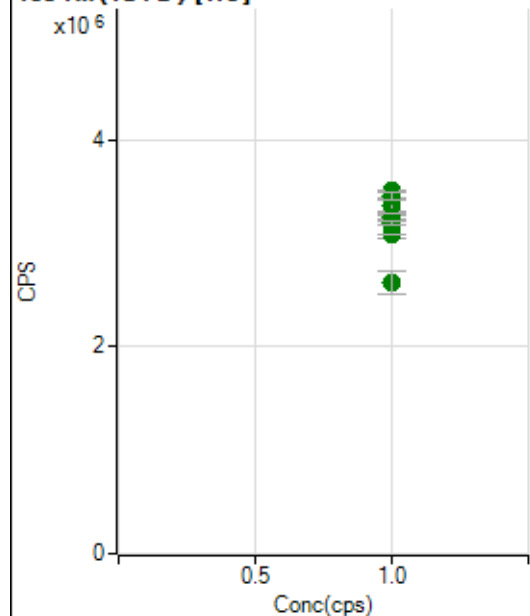
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14065943.12		A	15.2
2	☐	1.000		13857965.07		A	0.3
3	☐	1.000		13956537.71		A	2.1
4	☐	1.000		13837082.71		A	7.4
5	☐	1.000		14557484.09		A	14.7
6	☐	1.000		13194284.25		A	2.3
7	☐	1.000		12979820.64		A	3.7
8	☐	1.000		12292477.87		A	3.3

89 Y (ISTD) [He]

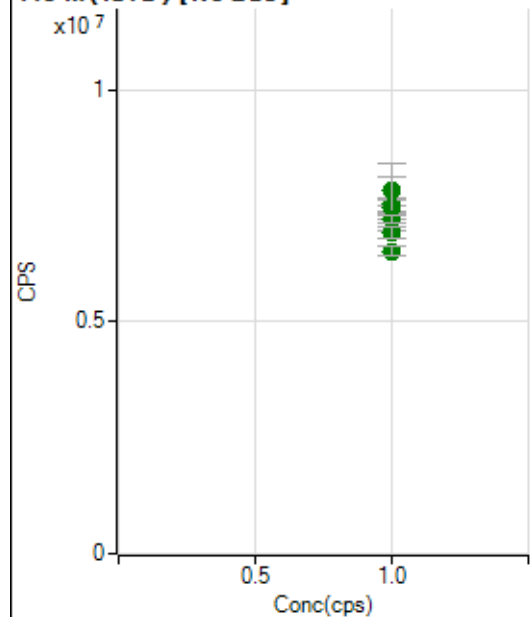
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1466602.17		A	2.6
2	☐	1.000		1531916.77		A	1.1
3	☐	1.000		1546924.60		A	1.7
4	☐	1.000		1375843.80		M	8.6
5	☐	1.000		1432944.82		M	3.4
6	☐	1.000		1391493.54		M	2.2
7	☐	1.000		1328078.99		P	0.5
8	☐	1.000		1224301.75		P	9.5

103 Rh (ISTD) [No Gas]

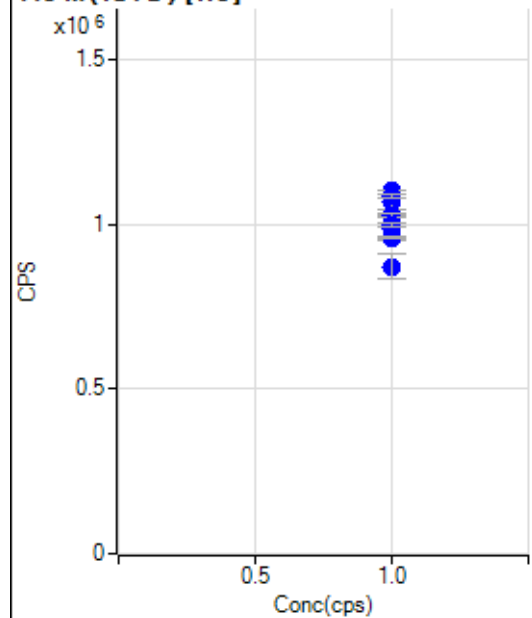
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7515087.45		A	15.3
2	☐	1.000		7380175.51		A	1.7
3	☐	1.000		7465662.93		A	1.8
4	☐	1.000		7424973.00		A	5.8
5	☐	1.000		7734682.38		A	14.2
6	☐	1.000		6956401.37		A	0.4
7	☐	1.000		6704474.80		A	3.5
8	☐	1.000		6159127.22		A	2.7

103 Rh (ISTD) [He]

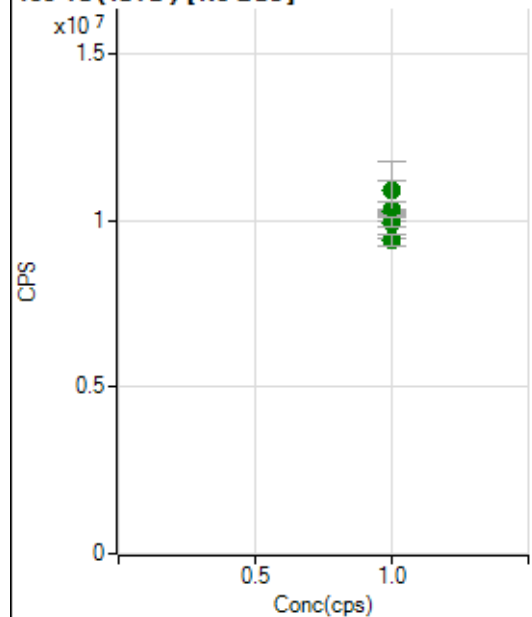
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3356028.66		A	5.2
2	☐	1.000		3505088.38		A	0.2
3	☐	1.000		3455368.77		A	2.3
4	☐	1.000		3176764.92		A	7.9
5	☐	1.000		3257044.46		A	1.4
6	☐	1.000		3197844.12		A	1.3
7	☐	1.000		3087208.95		A	0.3
8	☐	1.000		2622725.31		A	8.9

115 In (ISTD) [No Gas]

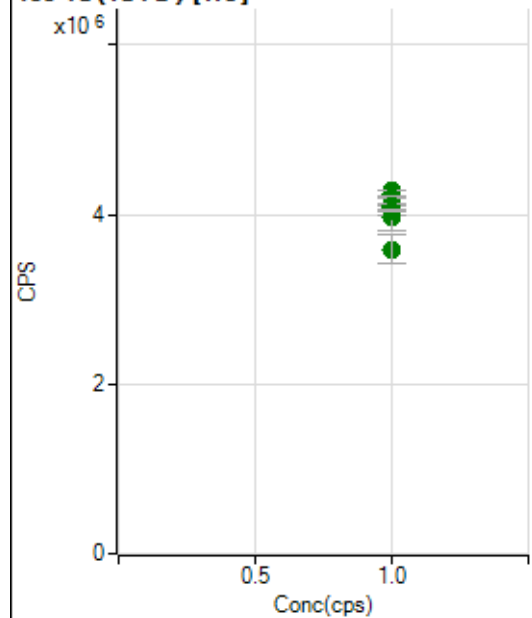
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7537999.47		A	15.0
2	☐	1.000		7366889.51		A	0.5
3	☐	1.000		7542460.10		A	1.6
4	☐	1.000		7441500.68		A	5.9
5	☐	1.000		7813895.67		A	15.3
6	☐	1.000		7216057.99		A	2.2
7	☐	1.000		6927806.17		A	3.5
8	☐	1.000		6520949.39		A	2.6

115 In (ISTD) [He]

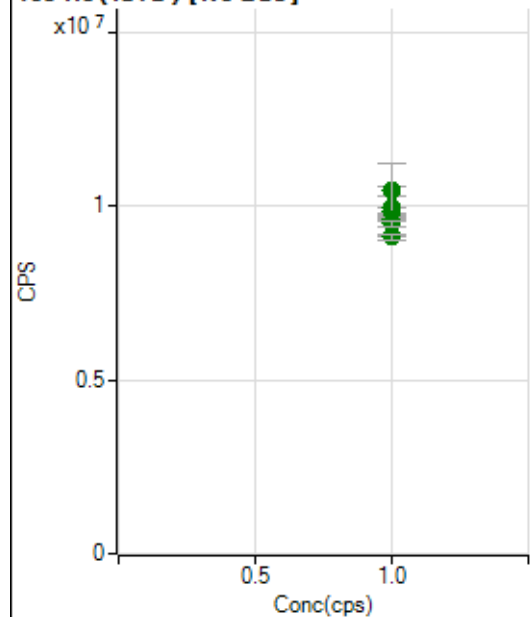
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1070589.92		P	4.4
2	☐	1.000		1102862.65		P	0.0
3	☐	1.000		1087193.83		P	0.8
4	☐	1.000		990227.38		P	7.2
5	☐	1.000		1026904.53		P	0.9
6	☐	1.000		1000247.02		P	1.6
7	☐	1.000		961248.23		P	0.5
8	☐	1.000		873778.93		P	9.2

159 Tb (ISTD) [No Gas]

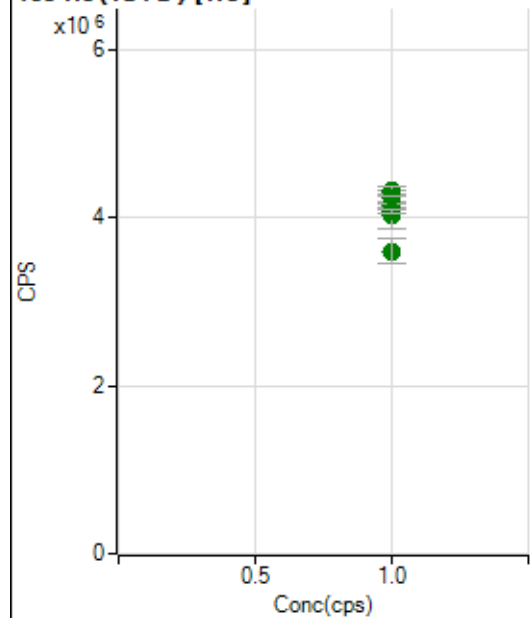
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10333033.94		A	17.0
2	☐	1.000		10080376.24		A	2.5
3	☐	1.000		10304004.01		A	0.4
4	☐	1.000		10251474.02		A	5.6
5	☐	1.000		10881535.12		A	16.2
6	☐	1.000		10077601.87		A	1.8
7	☐	1.000		9929556.38		A	2.7
8	☐	1.000		9415150.41		A	3.9

159 Tb (ISTD) [He]

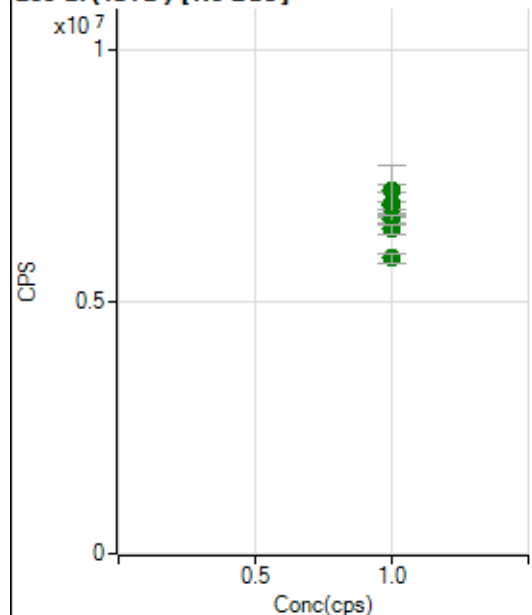
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4090062.57		A	4.6
2	☐	1.000		4276307.40		A	0.1
3	☐	1.000		4240491.60		A	1.9
4	☐	1.000		3956981.85		A	7.4
5	☐	1.000		4200356.85		A	0.6
6	☐	1.000		4101194.24		A	1.6
7	☐	1.000		4037883.90		A	0.6
8	☐	1.000		3588932.73		A	9.7

165 Ho (ISTD) [No Gas]

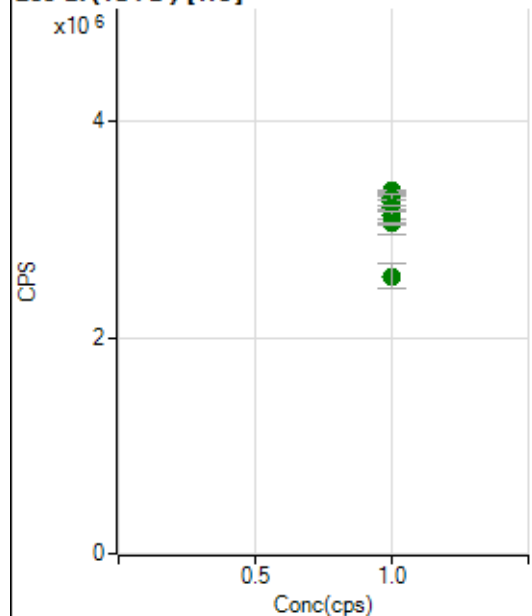
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9858749.79		A	14.6
2	☐	1.000		9716941.28		A	1.5
3	☐	1.000		9827120.18		A	2.2
4	☐	1.000		9946735.03		A	6.5
5	☐	1.000		10432609.78		A	15.1
6	☐	1.000		9638976.95		A	1.0
7	☐	1.000		9490174.43		A	1.9
8	☐	1.000		9110306.28		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4187569.14		A	3.9
2	☐	1.000		4313483.93		A	1.3
3	☐	1.000		4324228.27		A	2.2
4	☐	1.000		4039469.84		A	7.9
5	☐	1.000		4228951.67		A	1.7
6	☐	1.000		4152220.60		A	1.3
7	☐	1.000		4078518.90		A	0.8
8	☐	1.000		3608619.67		A	8.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6817505.59		A	14.5
2	☐	1.000		6745444.48		A	0.3
3	☐	1.000		6910518.16		A	2.4
4	☐	1.000		6950825.80		A	5.9
5	☐	1.000		7192553.51		A	14.5
6	☐	1.000		6632131.36		A	2.1
7	☐	1.000		6426170.18		A	3.2
8	☐	1.000		5853337.27		A	3.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3255736.41		A	3.7
2	☐	1.000		3359970.26		A	0.2
3	☐	1.000		3302623.28		A	1.2
4	☐	1.000		3064325.75		A	6.9
5	☐	1.000		3209138.70		A	1.0
6	☐	1.000		3134215.72		A	2.0
7	☐	1.000		3058188.95		A	0.8
8	☐	1.000		2571613.30		A	9.4