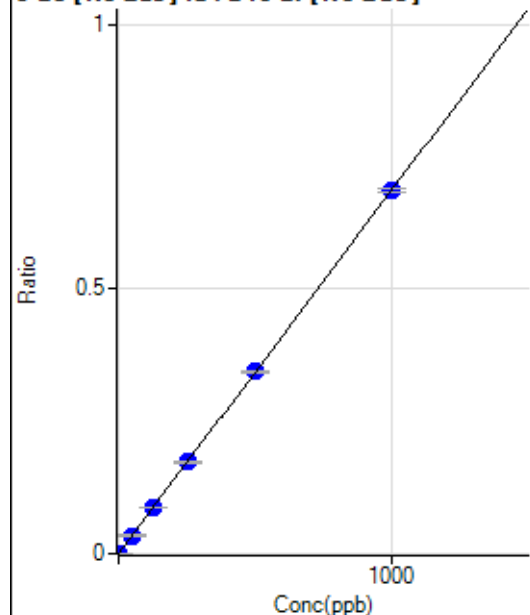


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121919-MS.b\
Analysis File: P8121919-MS.batch.bin
DA Date-Time: 2019-12-19 15:41:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2019-12-19 14:59:32
2	006CALS.d	S01	2019-12-19 15:02:32
3	007CALS.d	S02	2019-12-19 15:05:31
4	008CALS.d	S03	2019-12-19 15:08:32
5	009CALS.d	S04	2019-12-19 15:11:30
6	010CALS.d	S05	2019-12-19 15:14:30
7	011CALS.d	S06	2019-12-19 15:17:28
8	012CALS.d	S07	2019-12-19 15:20:29
9	013CALS.d	S08	2019-12-19 15:23:27
10			

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.99	0.0000	P	18.2
2	☐	0.100	0.102	75.32	0.0001	P	13.5
3	☐	1.000	0.966	475.91	0.0007	P	3.5
4	☐	50.000	50.198	23502.71	0.0345	P	1.4
5	☐	125.000	126.041	59292.82	0.0866	P	1.0
6	☐	250.000	251.502	118847.08	0.1728	P	1.4
7	☐	500.000	501.452	240548.50	0.3445	P	1.2
8	☐	1000.000	998.759	482757.88	0.6860	P	1.1
9	☐			611.90	0.0009	P	0.8
10	☐						

$$y = 6.8685E-004 * x + 4.1381E-005$$

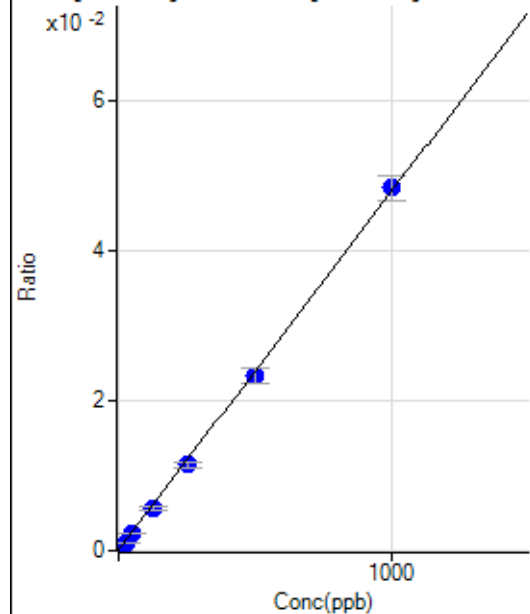
R = 1.0000

DL = 0.03297

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	49.32	0.0001	P	29.0
2	☐	2.500	2.450	128.64	0.0002	P	4.9
3	☐	25.000	21.229	733.21	0.0011	P	7.2
4	☐	50.000	46.751	1569.78	0.0023	P	6.9
5	☐	125.000	116.004	3840.42	0.0056	P	11.0
6	☐	250.000	239.627	7922.58	0.0115	P	6.6
7	☐	500.000	487.720	16314.49	0.0234	P	8.4
8	☐	1000.000	1010.114	34007.86	0.0483	P	7.0
9	☐			7531.14	0.0113	P	8.5
10	☐						

$$y = 4.7744E-005 * x + 7.2943E-005$$

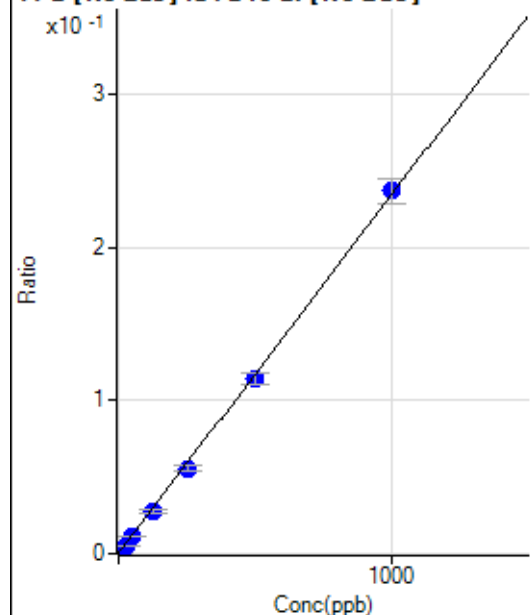
R = 0.9998

DL = 1.331

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	198.63	0.0003	P	12.3
2	☐	2.500	2.108	532.57	0.0008	P	6.1
3	☐	25.000	20.486	3429.74	0.0051	P	8.6
4	☐	50.000	46.748	7643.16	0.0112	P	7.0
5	☐	125.000	116.215	18795.69	0.0275	P	9.7
6	☐	250.000	237.223	38365.07	0.0558	P	8.5
7	☐	500.000	487.083	79735.01	0.1142	P	6.8
8	☐	1000.000	1011.027	166619.82	0.2366	P	6.7
9	☐			35722.26	0.0536	P	7.5
10	☐						

$$y = 2.3377\text{E-}004 * x + 2.9378\text{E-}004$$

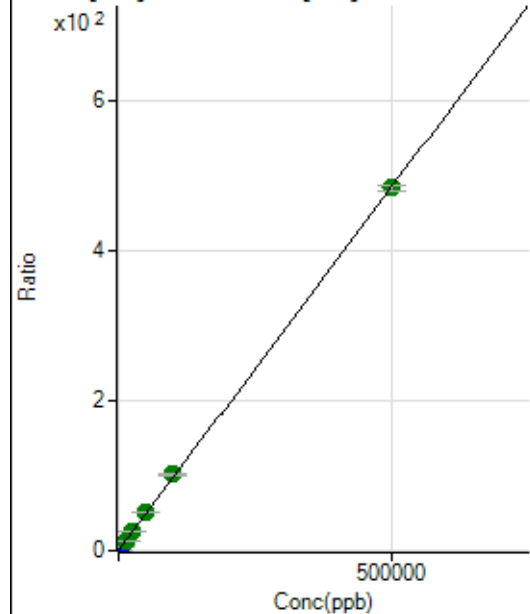
R = 0.9998

DL = 0.4655

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41623.79	0.3696	P	0.6
2	☐	50.000	51.152	47405.52	0.4192	P	2.1
3	☐	500.000	528.980	99916.49	0.8824	P	1.4
4	☐	5000.000	5269.485	635688.11	5.4778	P	2.9
5	☐	12500.000	13298.398	1534494.38	13.2610	A	0.7
6	☐	25000.000	26115.086	3016254.78	25.6855	A	1.4
7	☐	50000.000	51880.723	5985608.60	50.6626	A	0.6
8	☐	100000.00	104158.08	12101676.83	101.3401	A	1.1
9	☐	500000.00	498901.87	57410697.81	484.0036	A	1.8
10	☐						

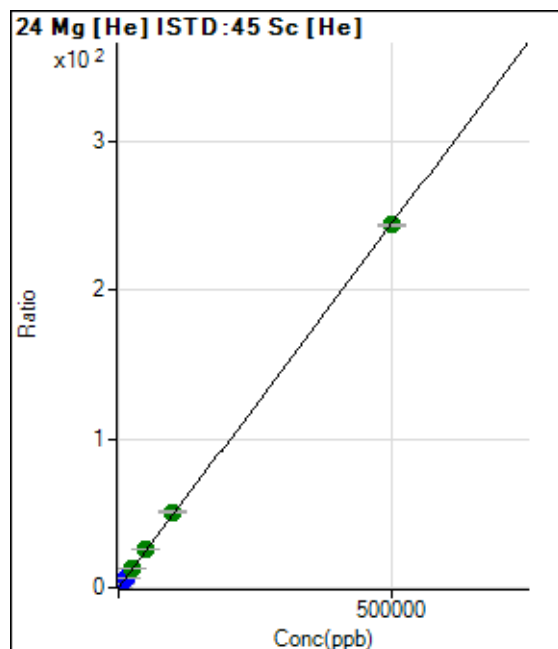
$$y = 9.6940\text{E-}004 * x + 0.3696$$

R = 1.0000

DL = 6.729

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	125.00	0.0011	P	19.2
2	☐	50.000	54.213	3125.42	0.0276	P	8.4
3	☐	500.000	564.305	31398.36	0.2773	P	1.9
4	☐	5000.000	5319.367	302249.42	2.6045	P	1.6
5	☐	12500.000	13588.669	769640.69	6.6516	P	2.0
6	☐	25000.000	26305.315	1511923.50	12.8753	A	0.8
7	☐	50000.000	52695.929	3046990.61	25.7912	A	2.6
8	☐	100000.00	104050.29	6081204.04	50.9246	A	0.9
9	☐	500000.00	498824.60	28960249.95	244.1321	A	0.6
10	☐						

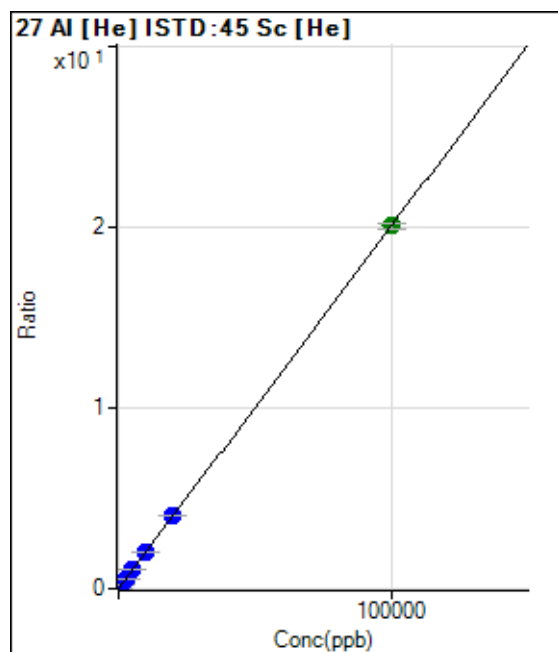
$$y = 4.8941\text{E-}004 * x + 0.0011$$

R = 1.0000

DL = 1.305

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	225.90	0.0020	P	17.3
2	☐	2.000	2.085	274.06	0.0024	P	2.4
3	☐	20.000	20.362	689.01	0.0061	P	12.6
4	☐	1000.000	990.121	23280.86	0.2006	P	0.6
5	☐	2500.000	2566.701	59802.29	0.5168	P	1.2
6	☐	5000.000	5052.896	119246.61	1.0155	P	0.2
7	☐	10000.000	10083.381	239165.50	2.0244	P	1.0
8	☐	20000.000	20025.354	479854.27	4.0185	P	1.5
9	☐	100000.00	99982.377	2379275.32	20.0556	A	1.6
10	☐						

$$y = 2.0057\text{E-}004 * x + 0.0020$$

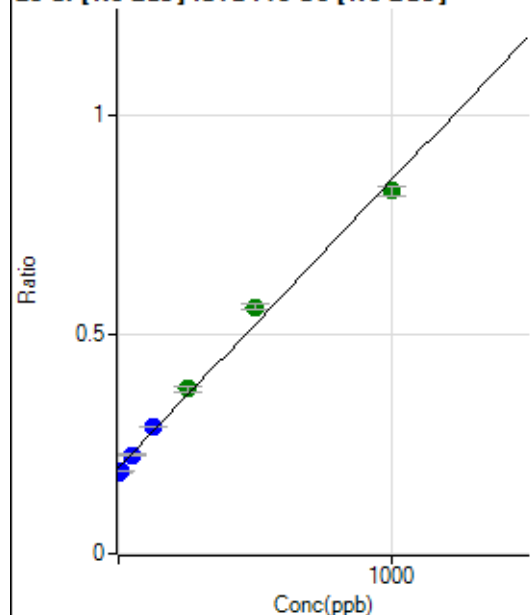
R = 1.0000

DL = 5.201

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-19.442	470753.77	0.1831	P	1.1
2	☐	1.000	-17.192	470762.24	0.1846	P	1.1
3	☐	10.000	-10.917	483906.63	0.1887	P	1.3
4	☐	50.000	44.697	584014.58	0.2251	P	0.7
5	☐	125.000	142.171	766903.03	0.2890	P	1.3
6	☐	250.000	274.773	984351.97	0.3760	A	3.1
7	☐	500.000	559.516	1507726.40	0.5626	A	2.8
8	☐	1000.000	962.395	2241626.79	0.8267	A	2.3
9	☐			921140.47	0.3514	M	1.6
10	☐						

$$y = 6.555507E-004 * x + 0.195844$$

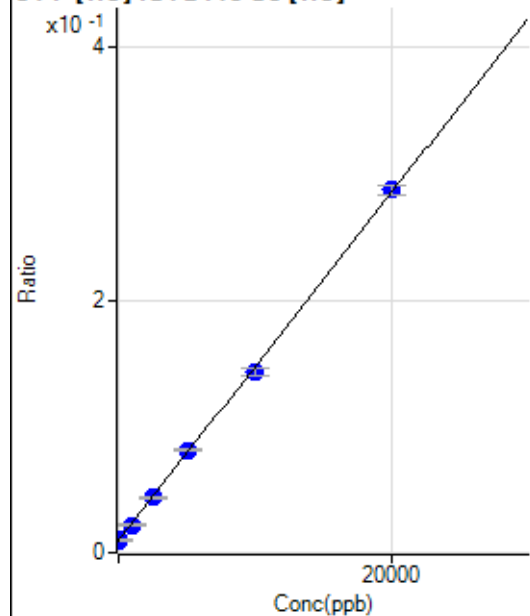
R = 0.9959

DL = 8.935

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-52.544	1008.40	0.0090	P	7.6
2	☐	0.000	14.303	1116.75	0.0099	P	10.3
3	☐	0.000	38.241	1155.64	0.0102	P	11.5
4	☐	1000.000	892.127	2550.29	0.0220	P	5.4
5	☐	2500.000	2451.711	5026.00	0.0434	P	3.6
6	☐	5000.000	5171.758	9500.55	0.0809	P	1.8
7	☐	10000.000	9642.688	16838.01	0.1425	P	4.2
8	☐	20000.000	20147.146	34285.62	0.2871	P	2.7
9	☐			1019.51	0.0086	P	6.9
10	☐						

$$y = 1.3772E-005 * x + 0.0097$$

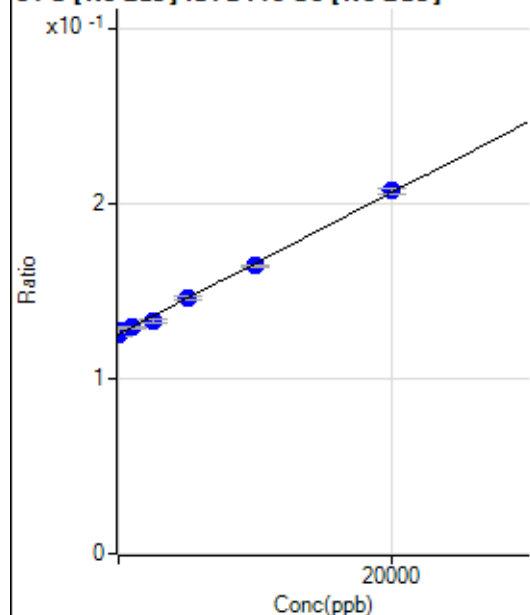
R = 0.9997

DL = 208.6

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-46.039	322505.99	0.1254	P	1.9
2	☐	0.000	405.966	324610.05	0.1273	P	0.8
3	☐	0.000	394.621	326270.24	0.1272	P	1.5
4	☐	1000.000	874.545	335018.23	0.1292	P	0.7
5	☐	2500.000	1859.535	353230.34	0.1331	P	1.2
6	☐	5000.000	5110.797	383051.13	0.1463	P	1.8
7	☐	10000.000	9683.887	441513.39	0.1648	P	0.7
8	☐	20000.000	20216.688	562181.28	0.2073	P	1.9
9	☐			311830.23	0.1190	P	0.9
10	☐						

$$y = 4.041673E-006 * x + 0.125627$$

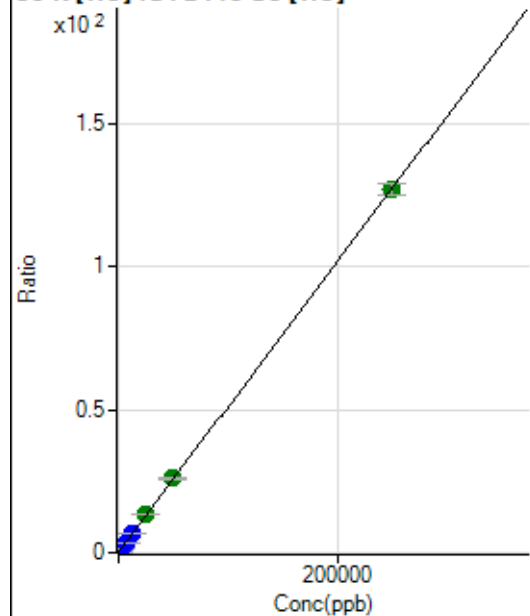
R = 0.9987

DL = 1301

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23859.14	0.2119	P	1.8
2	☐	50.000	42.659	26402.46	0.2335	P	1.4
3	☐	500.000	523.282	53999.14	0.4769	P	2.0
4	☐	2500.000	2619.282	178525.80	1.5384	P	2.5
5	☐	6250.000	6721.669	418385.64	3.6162	P	2.4
6	☐	12500.000	13189.290	809305.66	6.8918	P	1.0
7	☐	25000.000	26077.761	1585301.95	13.4193	A	1.5
8	☐	50000.000	50857.270	3101108.88	25.9693	A	1.2
9	☐	250000.00	249673.27	15020079.33	126.6625	A	3.1
10	☐						

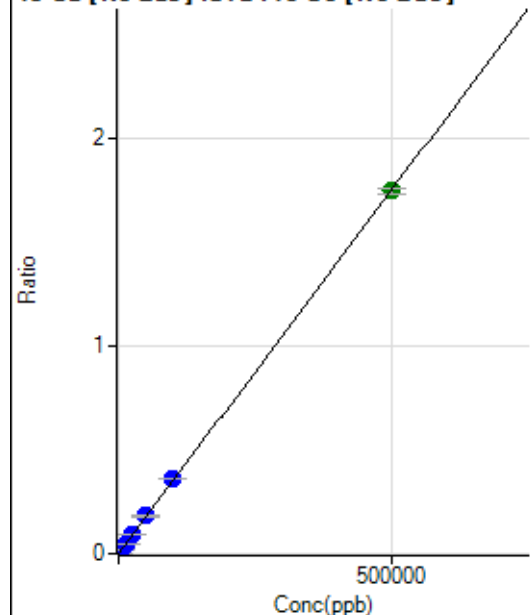
$$y = 5.0646E-004 * x + 0.2119$$

R = 1.0000

DL = 23.21

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1077.85	0.0004	P	6.0
2	☐	50.000	53.490	1547.35	0.0006	P	6.1
3	☐	500.000	481.168	5401.16	0.0021	P	0.4
4	☐	5000.000	5165.408	48050.59	0.0185	P	1.6
5	☐	12500.000	12781.148	119982.03	0.0452	P	1.2
6	☐	25000.000	26349.168	242950.76	0.0928	P	2.2
7	☐	50000.000	51488.196	484760.41	0.1809	P	0.6
8	☐	100000.00	103832.12	988206.02	0.3644	P	0.8
9	☐	500000.00	499008.63	4586392.16	1.7496	A	1.3
10	☐						

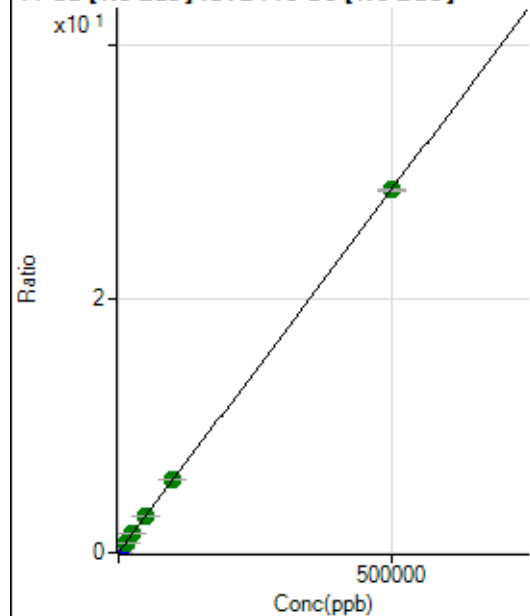
$$y = 3.5054\text{E-}006 * x + 4.1913\text{E-}004$$

R = 1.0000

DL = 21.38

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47590.63	0.0185	P	0.5
2	☐	50.000	56.338	55435.20	0.0217	P	0.6
3	☐	500.000	503.045	121323.89	0.0473	P	1.0
4	☐	5000.000	5129.865	809703.95	0.3122	P	0.5
5	☐	12500.000	12714.190	1980221.92	0.7463	A	1.4
6	☐	25000.000	25708.715	3902588.02	1.4902	A	1.5
7	☐	50000.000	50155.445	7743148.35	2.8897	A	0.3
8	☐	100000.00	100789.81	15697642.71	5.7882	A	1.0
9	☐	500000.00	499784.40	75046150.29	28.6286	A	0.7
10	☐						

$$y = 5.7245\text{E-}005 * x + 0.0185$$

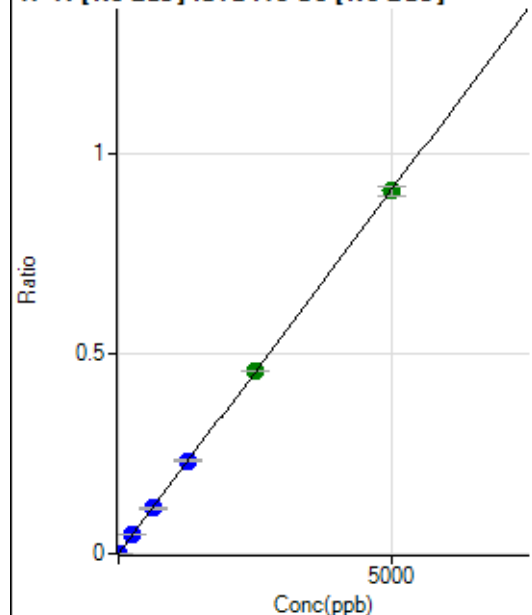
R = 1.0000

DL = 4.742

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1186.20	0.0005	P	5.4
2	☐	1.000	0.244	1288.98	0.0005	P	10.3
3	☐	10.000	4.998	3508.88	0.0014	P	4.0
4	☐	250.000	252.064	119871.85	0.0462	P	0.9
5	☐	625.000	619.937	299757.82	0.1130	P	0.8
6	☐	1250.000	1275.287	607401.28	0.2319	P	1.1
7	☐	2500.000	2509.678	1221929.89	0.4560	A	0.9
8	☐	5000.000	4989.379	2456627.44	0.9061	A	2.4
9	☐			3847.85	0.0015	P	2.4
10	☐						

$$y = 1.8151E-004 * x + 4.6136E-004$$

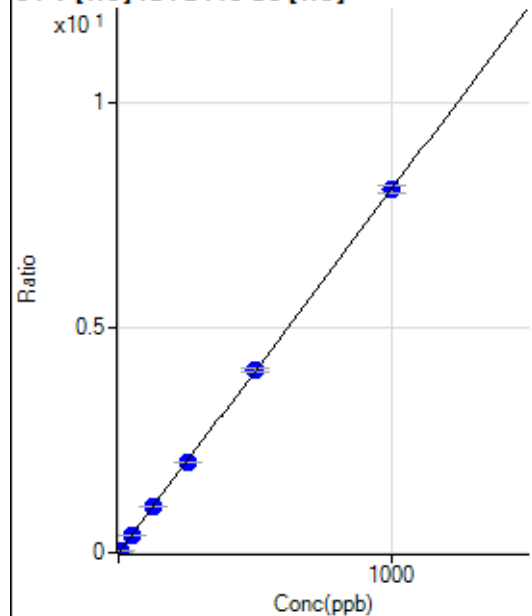
$$R = 1.0000$$

$$DL = 0.4115$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23.33	0.0002	P	14.1
2	☐	0.500	0.498	477.79	0.0042	P	10.8
3	☐	5.000	5.275	4841.97	0.0428	P	4.7
4	☐	50.000	49.682	46546.62	0.4011	P	1.9
5	☐	125.000	125.898	117578.66	1.0161	P	0.8
6	☐	250.000	249.858	236785.34	2.0164	P	0.4
7	☐	500.000	502.908	479413.07	4.0583	P	2.2
8	☐	1000.000	998.484	962087.82	8.0573	P	2.1
9	☐			1338.98	0.0113	P	7.3
10	☐						

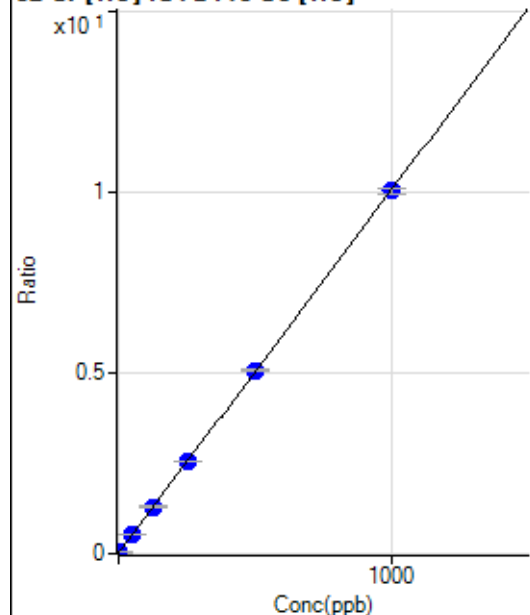
$$y = 0.0081 * x + 2.0714E-004$$

$$R = 1.0000$$

$$DL = 0.01089$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1816.80	0.0161	P	3.7
2	☐	0.200	0.220	2074.62	0.0183	P	4.7
3	☐	2.000	1.952	4049.50	0.0358	P	3.5
4	☐	50.000	50.730	61076.41	0.5263	P	2.1
5	☐	125.000	127.964	150772.76	1.3031	P	1.7
6	☐	250.000	252.624	300244.96	2.5568	P	0.3
7	☐	500.000	503.063	599612.14	5.0755	P	1.1
8	☐	1000.000	997.406	1199704.87	10.0471	P	1.9
9	☐			36425.34	0.3071	P	2.3
10	☐						

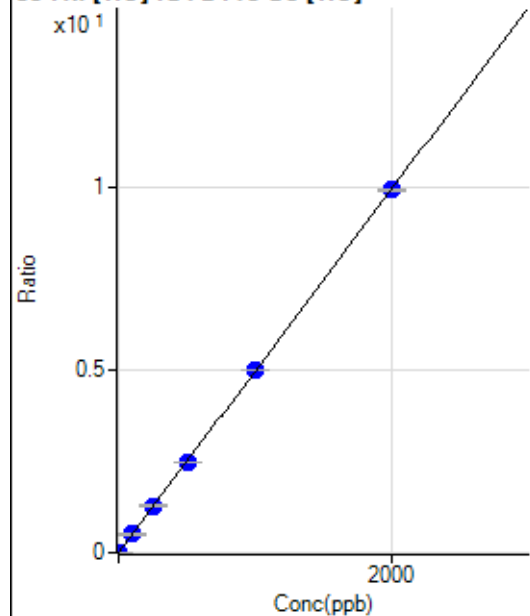
$$y = 0.0101 * x + 0.0161$$

$$R = 1.0000$$

$$DL = 0.1779$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	156.67	0.0014	P	10.5
2	☐	0.100	0.104	215.56	0.0019	P	8.0
3	☐	1.000	0.940	685.58	0.0061	P	2.9
4	☐	100.000	100.752	58190.23	0.5015	P	2.3
5	☐	250.000	257.017	147765.95	1.2771	P	1.7
6	☐	500.000	500.905	292119.38	2.4876	P	0.4
7	☐	1000.000	1004.116	588965.62	4.9853	P	0.8
8	☐	2000.000	1996.801	1183739.12	9.9125	P	0.5
9	☐			5184.33	0.0437	P	1.5
10	☐	10000.000					

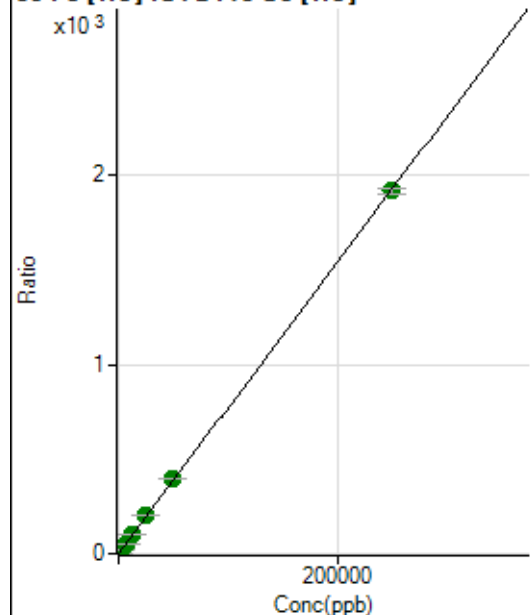
$$y = 0.0050 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.08808$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5112.11	0.0454	P	1.6
2	☐	5.000	5.611	10016.61	0.0886	P	1.4
3	☐	50.000	56.229	54135.95	0.4781	P	1.7
4	☐	2500.000	2666.675	2386396.41	20.5661	A	2.6
5	☐	6250.000	6743.083	6009506.15	51.9349	A	1.7
6	☐	12500.000	13192.132	11926497.72	101.5618	A	1.2
7	☐	25000.000	26229.047	23850421.14	201.8837	A	2.1
8	☐	50000.000	52137.977	47919464.96	401.2586	A	0.1
9	☐	250000.00	249400.89	227608993.9	1,919.240	A	1.9
10	☐						

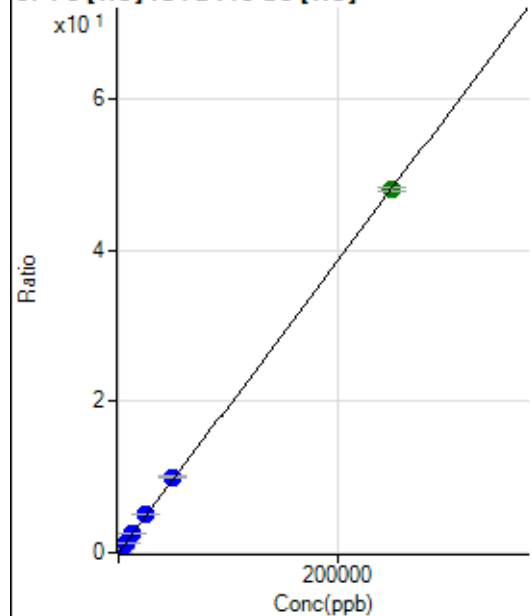
$$y = 0.0077 * x + 0.0454$$

R = 1.0000

DL = 0.279

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	187.04	0.0017	P	13.2
2	☐	5.000	5.669	311.12	0.0028	P	13.2
3	☐	50.000	55.555	1398.24	0.0123	P	4.3
4	☐	2500.000	2607.736	58367.35	0.5030	P	2.7
5	☐	6250.000	6650.510	148137.60	1.2803	P	1.6
6	☐	12500.000	13137.739	296803.81	2.5275	P	0.9
7	☐	25000.000	26044.030	591706.27	5.0088	P	1.7
8	☐	50000.000	52098.111	1196260.14	10.0179	P	1.2
9	☐	250000.00	249432.99	5688554.29	47.9568	A	1.1
10	☐						

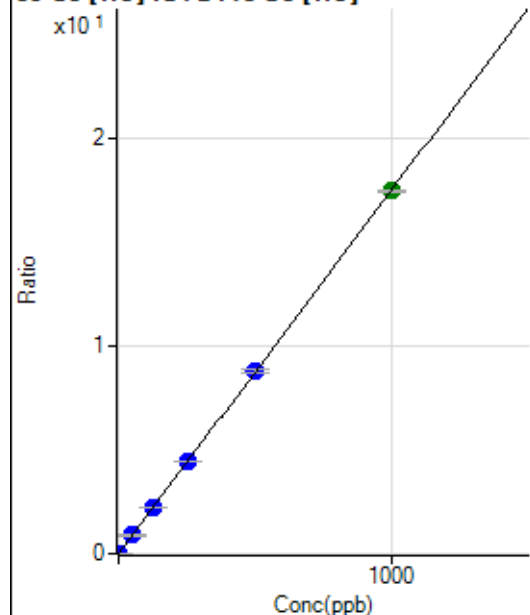
$$y = 1.9226E-004 * x + 0.0017$$

R = 1.0000

DL = 3.43

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	73.33	0.0007	P	8.9
2	☐	0.100	0.117	304.45	0.0027	P	10.2
3	☐	1.000	1.007	2070.18	0.0183	P	2.2
4	☐	50.000	50.789	103279.28	0.8901	P	2.5
5	☐	125.000	126.711	256823.41	2.2196	P	1.5
6	☐	250.000	253.498	521377.69	4.4399	P	1.2
7	☐	500.000	501.801	1038204.24	8.7882	P	1.5
8	☐	1000.000	997.971	2087045.78	17.4770	A	0.7
9	☐			5513.35	0.0465	P	2.1
10	☐						

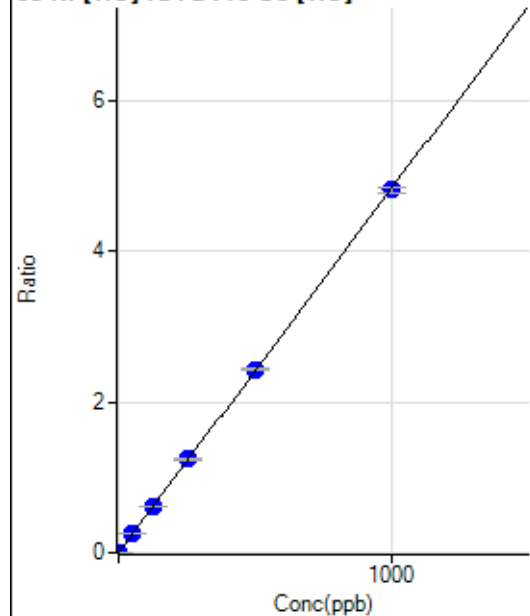
$$y = 0.0175 * x + 6.5109E-004$$

R = 1.0000

DL = 0.009955

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	84.44	0.0008	P	10.4
2	☐	0.100	0.121	151.11	0.0013	P	13.9
3	☐	1.000	1.014	640.02	0.0056	P	7.8
4	☐	50.000	51.333	28879.35	0.2489	P	1.9
5	☐	125.000	127.774	71545.62	0.6183	P	1.4
6	☐	250.000	256.145	145471.39	1.2388	P	0.6
7	☐	500.000	503.043	287329.55	2.4322	P	1.3
8	☐	1000.000	996.529	575258.54	4.8174	P	1.3
9	☐			12391.06	0.1045	P	0.8
10	☐						

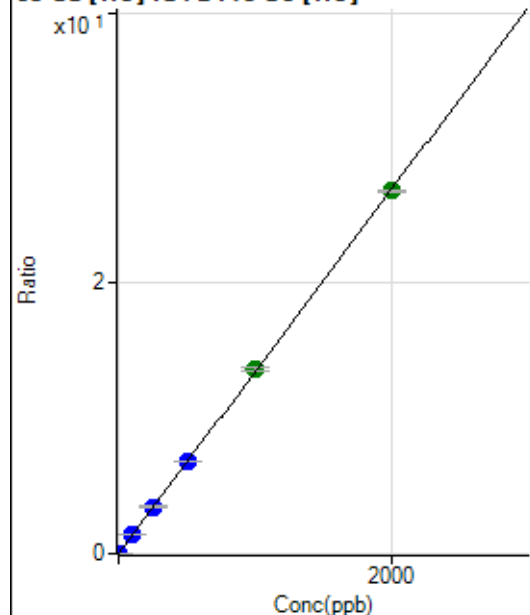
$$y = 0.0048 * x + 7.5005E-004$$

R = 1.0000

DL = 0.04856

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	334.45	0.0030	P	8.3
2	☐	0.200	0.258	728.92	0.0064	P	6.3
3	☐	2.000	2.032	3432.67	0.0303	P	4.6
4	☐	100.000	103.083	161319.24	1.3900	P	1.1
5	☐	250.000	257.583	401385.51	3.4690	P	1.6
6	☐	500.000	507.994	803034.58	6.8385	P	0.3
7	☐	1000.000	1009.259	1604636.37	13.5834	A	1.9
8	☐	2000.000	1992.270	3201688.35	26.8107	A	0.8
9	☐			9661.16	0.0815	P	1.6
10	☐	10000.000					

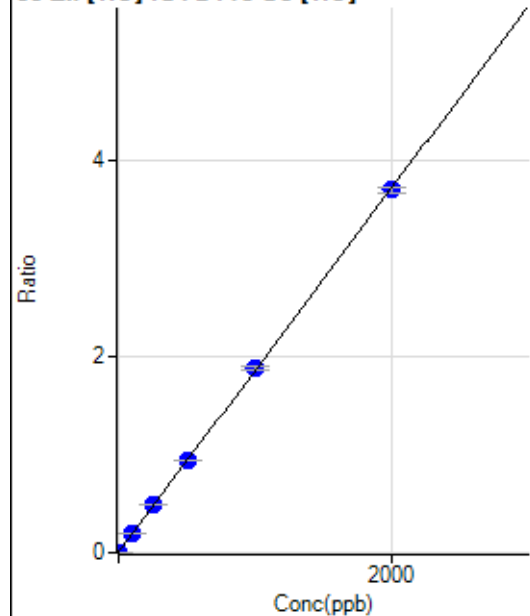
$$y = 0.0135 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.05503$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	390.01	0.0035	P	11.5
2	☒	0.200					
3	☐	2.000	2.472	912.26	0.0081	P	7.7
4	☐	100.000	101.411	22255.33	0.1918	P	1.8
5	☐	250.000	258.770	56004.45	0.4840	P	0.6
6	☐	500.000	507.370	111036.32	0.9456	P	1.1
7	☐	1000.000	1012.231	222446.71	1.8830	P	1.9
8	☐	2000.000	1990.874	441839.79	3.7002	P	1.5
9	☐			9241.99	0.0779	P	0.9
10	☐	10000.000					

$$y = 0.0019 * x + 0.0035$$

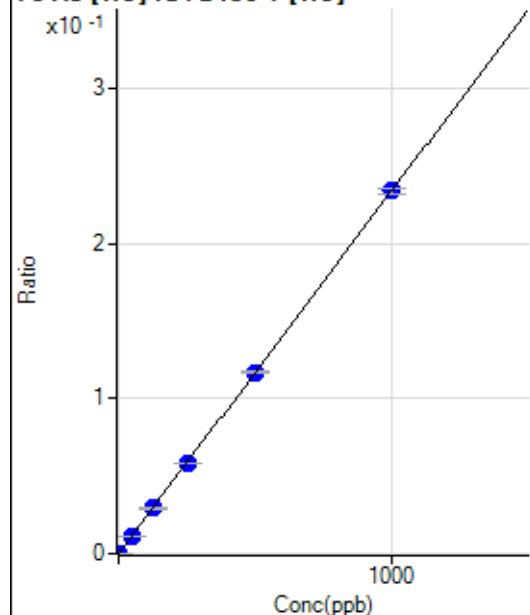
$$R = 1.0000$$

$$DL = 0.6465$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.67	0.0000	P	12.2
2	☐	0.100	0.096	26.67	0.0000	P	27.3
3	☐	1.000	1.062	176.02	0.0003	P	11.2
4	☐	50.000	49.540	7885.67	0.0116	P	1.3
5	☐	125.000	125.379	19932.67	0.0293	P	1.4
6	☐	250.000	249.027	40207.54	0.0582	P	1.3
7	☐	500.000	499.490	79960.99	0.1168	P	1.0
8	☐	1000.000	1000.474	162512.18	0.2339	P	1.7
9	☐			268.70	0.0004	P	5.7
10	☐						

$$y = 2.3374\text{E-}004 * x + 1.7579\text{E-}005$$

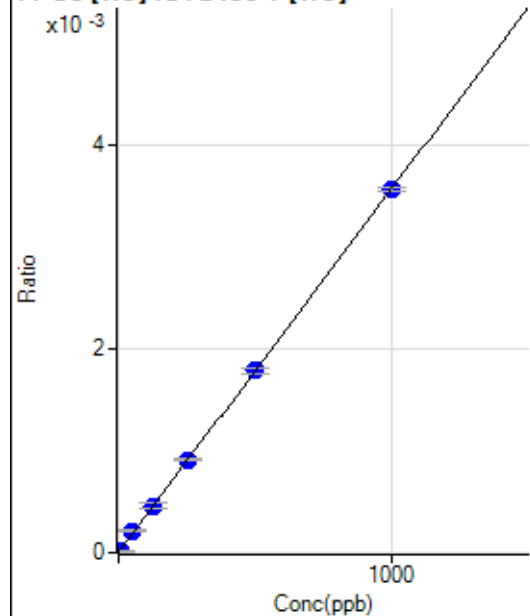
R = 1.0000

DL = 0.02762

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500	0.468	3.33	0.0000	P	100.2
3	☐	5.000	3.772	11.11	0.0000	P	97.0
4	☐	50.000	59.899	147.78	0.0002	P	13.3
5	☐	125.000	128.547	314.45	0.0005	P	13.4
6	☐	250.000	255.312	632.24	0.0009	P	2.0
7	☐	500.000	500.372	1226.74	0.0018	P	3.3
8	☐	1000.000	997.554	2479.14	0.0036	P	0.9
9	☐			7.78	0.0000	P	25.7
10	☐						

$$y = 3.5728\text{E-}006 * x + 3.3316\text{E-}006$$

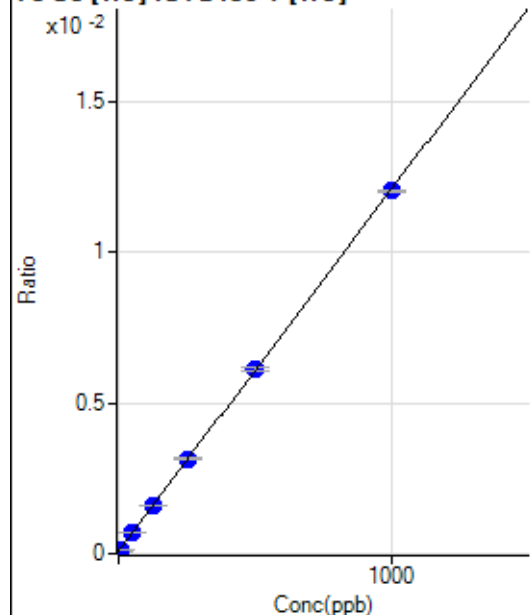
R = 0.9999

DL = 2.423

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	57.01	0.0001	P	15.7
2	☐	0.500	0.752	63.34	0.0001	P	10.1
3	☐	5.000	4.714	94.34	0.0001	P	4.4
4	☐	50.000	51.276	476.72	0.0007	P	4.1
5	☐	125.000	126.064	1086.49	0.0016	P	2.5
6	☐	250.000	255.436	2175.39	0.0032	P	1.3
7	☐	500.000	505.493	4211.06	0.0061	P	2.1
8	☐	1000.000	995.699	8360.65	0.0120	P	0.3
9	☐			73.01	0.0001	P	13.6
10	☐						

$$y = 1.1996E-005 * x + 8.6022E-005$$

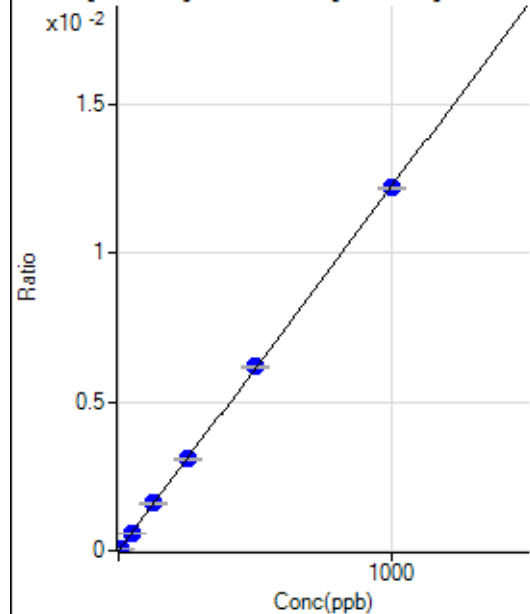
R = 1.0000

DL = 3.374

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.00	0.0000	P	3110.
2	☒	0.500					
3	☐	5.000	4.378	239.64	0.0001	P	5.0
4	☐	50.000	48.468	2663.42	0.0006	P	5.8
5	☐	125.000	129.389	7044.45	0.0016	P	1.6
6	☐	250.000	252.692	13972.92	0.0031	P	1.8
7	☐	500.000	505.309	28054.53	0.0062	P	0.8
8	☐	1000.000	996.204	56725.95	0.0122	P	0.4
9	☐			71.89	0.0000	P	36.6
10	☐						

$$y = 1.2237E-005 * x + 5.9543E-007$$

R = 1.0000

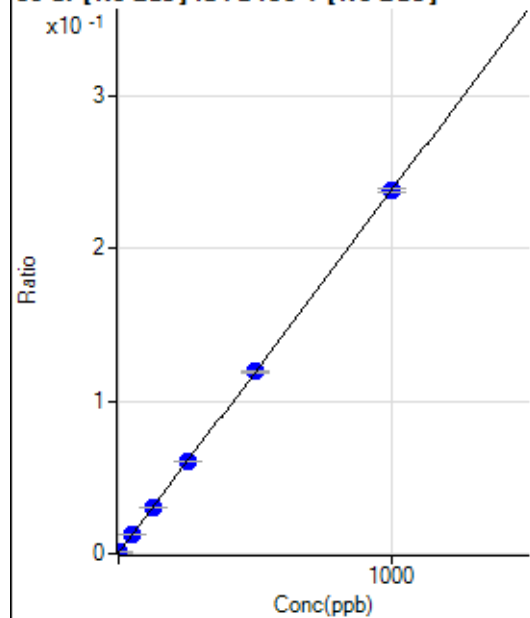
DL = 4.541

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			978.94		P	10.1
2	☐			977.83		P	10.0
3	☐			1034.50		P	4.1
4	☐			1088.94		P	7.6
5	☐			1005.60		P	4.6
6	☐			1003.38		P	7.0
7	☐			988.94		P	5.9
8	☐			1040.05		P	5.4
9	☐			1087.83		P	6.3
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1639.04	0.0004	P	19.5
2	☐	0.100	-0.001	1644.58	0.0004	P	8.5
3	☐	1.000	1.177	2886.50	0.0007	P	3.0
4	☐	50.000	49.115	53990.94	0.0120	P	0.8
5	☐	125.000	125.784	134488.73	0.0302	P	1.5
6	☐	250.000	253.011	273103.88	0.0604	P	2.0
7	☐	500.000	500.425	540744.47	0.1192	P	0.8
8	☐	1000.000	998.981	1105438.95	0.2376	P	0.9
9	☐			7249.26	0.0016	P	2.9
10	☐						

$$y = 2.3744\text{E-}004 * x + 3.7334\text{E-}004$$

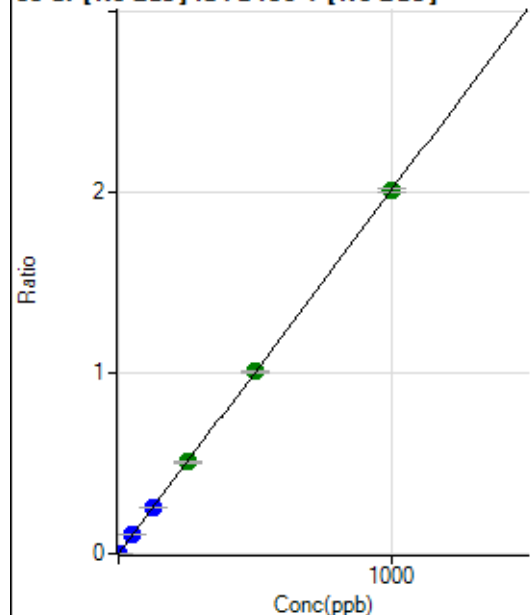
R = 1.0000

DL = 0.9206

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	0.8
2	☐	0.100	0.103	955.62	0.0002	P	8.1
3	☐	1.000	1.047	9353.36	0.0021	P	0.8
4	☐	50.000	50.973	459988.01	0.1025	P	0.7
5	☐	125.000	129.499	1158527.31	0.2605	P	0.1
6	☐	250.000	252.798	2297360.32	0.5085	A	2.0
7	☐	500.000	501.175	4573348.24	1.0081	A	0.6
8	☐	1000.000	998.102	9341405.59	2.0076	A	0.9
9	☐			50018.25	0.0110	P	2.4
10	☐						

$$y = 0.0020 * x + 9.4823E-006$$

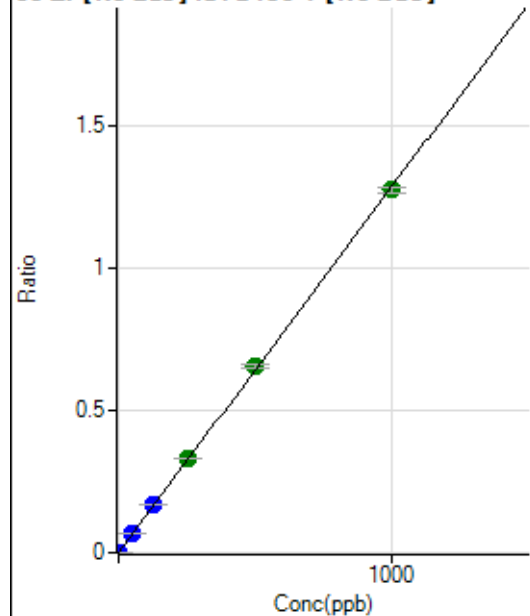
R = 1.0000

DL = 0.0001145

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	261.12	0.0001	P	25.3
2	☐	0.100	0.092	780.60	0.0002	P	9.2
3	☐	1.000	0.996	5918.07	0.0013	P	1.0
4	☐	50.000	50.960	293968.63	0.0655	P	1.0
5	☐	125.000	129.721	741497.00	0.1667	P	0.6
6	☐	250.000	257.289	1493771.28	0.3306	A	1.0
7	☐	500.000	510.204	2973933.62	0.6555	A	1.1
8	☐	1000.000	992.438	5933010.55	1.2751	A	1.3
9	☐			7621.73	0.0017	P	2.5
10	☐						

$$y = 0.0013 * x + 5.9366E-005$$

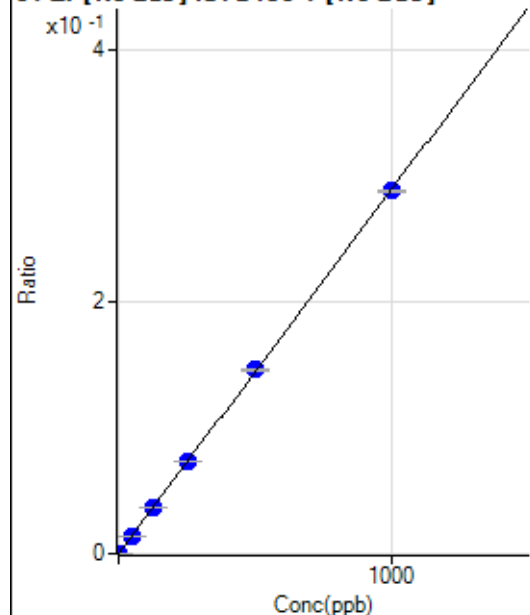
R = 0.9999

DL = 0.03513

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	64.4
2	☐	0.100	0.091	180.56	0.0000	P	7.8
3	☐	1.000	1.009	1355.66	0.0003	P	15.1
4	☐	50.000	49.738	64667.06	0.0144	P	0.8
5	☐	125.000	127.423	164146.01	0.0369	P	0.1
6	☐	250.000	253.098	331160.17	0.0733	P	1.5
7	☐	500.000	505.044	663428.91	0.1462	P	0.9
8	☐	1000.000	996.413	1342412.16	0.2885	P	0.7
9	☐			1772.39	0.0004	P	8.1
10	☐						

$$y = 2.8952\text{E-}004 * x + 1.4568\text{E-}005$$

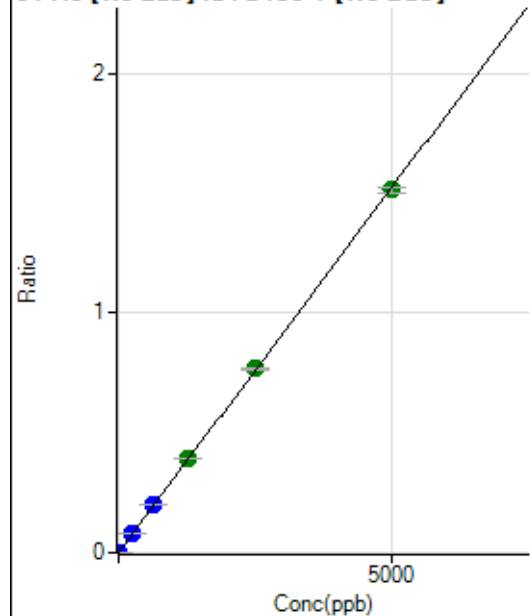
R = 1.0000

DL = 0.09727

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	119.45	0.0000	P	56.5
2	☐	1.000	0.519	813.94	0.0002	P	15.8
3	☐	10.000	5.290	7235.38	0.0016	P	2.0
4	☐	250.000	254.920	348107.37	0.0776	P	0.8
5	☐	625.000	655.066	886682.63	0.1994	P	0.6
6	☐	1250.000	1284.755	1766573.54	0.3910	A	0.6
7	☐	2500.000	2528.147	3490171.00	0.7693	A	1.1
8	☐	5000.000	4973.243	7041953.98	1.5134	A	1.4
9	☐			12750.65	0.0028	P	1.8
10	☐						

$$y = 3.0430\text{E-}004 * x + 2.7101\text{E-}005$$

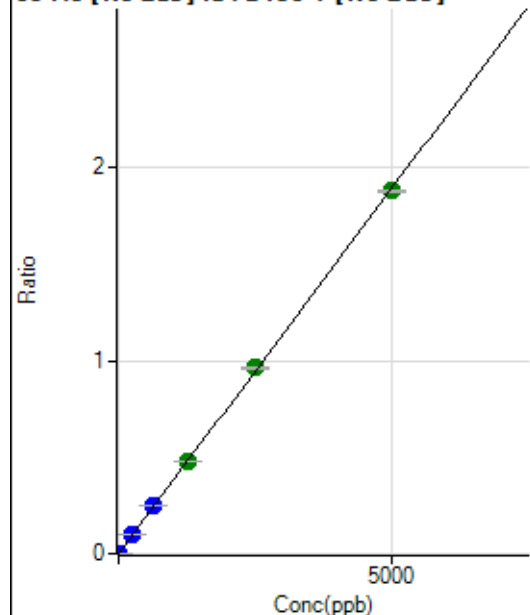
R = 0.9999

DL = 0.1509

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.1
2	☐	1.000	0.533	941.73	0.0002	P	8.3
3	☐	10.000	5.480	9203.30	0.0021	P	5.2
4	☐	250.000	256.965	435474.63	0.0971	P	1.0
5	☐	625.000	651.853	1095124.27	0.2462	P	0.3
6	☐	1250.000	1261.671	2153345.45	0.4766	A	1.1
7	☐	2500.000	2545.403	4361807.09	0.9615	A	1.7
8	☐	5000.000	4970.685	8736408.70	1.8775	A	0.5
9	☐			17511.45	0.0039	P	3.5
10	☐						

$$y = 3.7772E-004 * x + 1.2640E-005$$

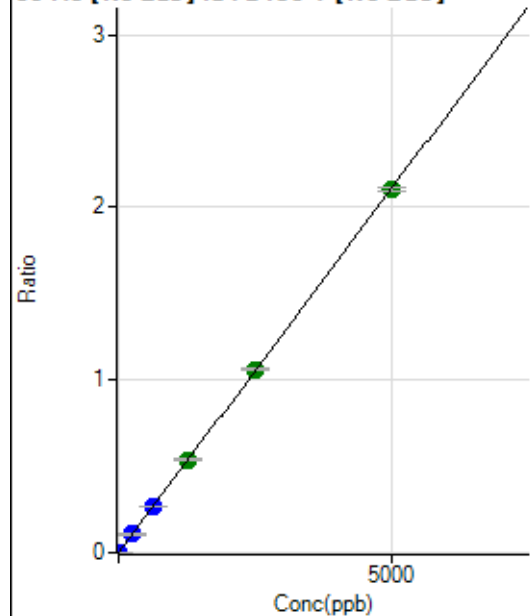
R = 0.9999

DL = 0.03117

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.12	0.0000	P	47.2
2	☐	1.000	0.555	1116.74	0.0003	P	5.7
3	☐	10.000	5.282	9937.17	0.0022	P	3.6
4	☐	250.000	251.634	476138.82	0.1061	P	0.7
5	☐	625.000	643.215	1206464.63	0.2713	P	0.8
6	☐	1250.000	1269.939	2419740.74	0.5356	A	1.7
7	☐	2500.000	2521.009	4823200.32	1.0632	A	1.5
8	☐	5000.000	4982.161	9776376.26	2.1011	A	1.1
9	☐			19544.76	0.0043	P	3.7
10	☐						

$$y = 4.2172E-004 * x + 1.9568E-005$$

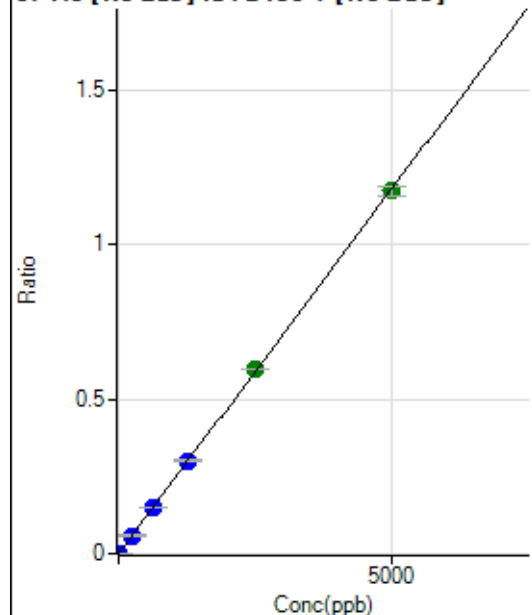
R = 1.0000

DL = 0.06566

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	66.2
2	☐	1.000	0.470	508.35	0.0001	P	8.2
3	☐	10.000	5.227	5473.45	0.0012	P	4.1
4	☐	250.000	250.375	265083.31	0.0591	P	0.8
5	☐	625.000	643.605	675504.19	0.1519	P	0.9
6	☐	1250.000	1276.284	1360859.10	0.3012	P	1.4
7	☐	2500.000	2526.556	2704956.85	0.5962	A	0.2
8	☐	5000.000	4977.816	5465535.06	1.1747	A	2.6
9	☐			10459.75	0.0023	P	1.9
10	☐						

$$y = 2.3599E-004 * x + 4.4380E-006$$

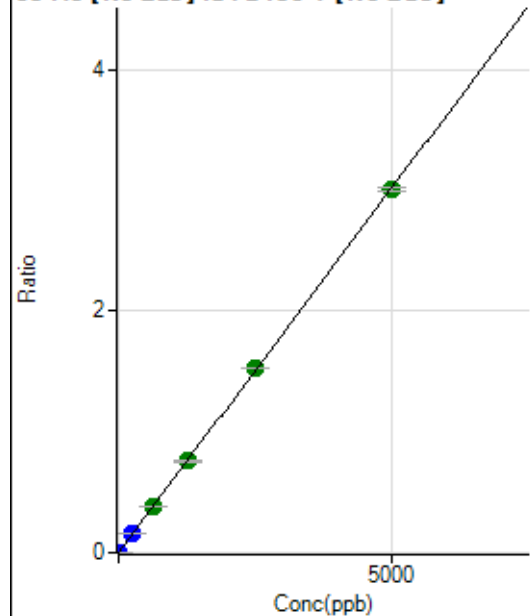
R = 1.0000

DL = 0.03737

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	12.9
2	☐	1.000	0.541	1477.90	0.0003	P	3.8
3	☐	10.000	5.265	14090.86	0.0032	P	2.6
4	☐	250.000	252.721	684561.32	0.1526	P	0.6
5	☐	625.000	638.084	1713477.21	0.3853	A	1.1
6	☐	1250.000	1261.926	3442535.75	0.7619	A	2.0
7	☐	2500.000	2533.412	6939456.06	1.5296	A	0.5
8	☐	5000.000	4978.550	13986694.24	3.0060	A	1.1
9	☐			27221.59	0.0060	P	3.2
10	☐						

$$y = 6.0378E-004 * x + 8.8535E-006$$

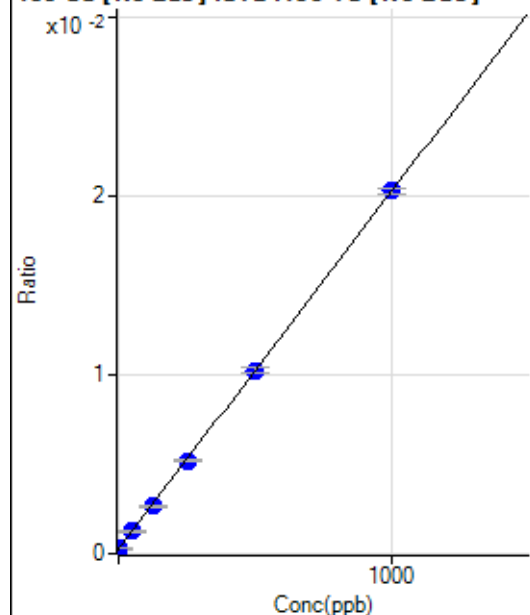
R = 1.0000

DL = 0.005667

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1119.52	0.0003	P	1.3
2	☐	0.100	-0.897	1044.51	0.0003	P	9.4
3	☐	1.000	0.842	1194.54	0.0003	P	3.5
4	☐	50.000	48.683	5231.68	0.0012	P	2.3
5	☐	125.000	119.778	11374.47	0.0027	P	5.0
6	☐	250.000	246.165	22541.16	0.0052	P	2.4
7	☐	500.000	500.074	44316.39	0.0103	P	2.7
8	☐	1000.000	1001.640	88503.05	0.0203	P	1.5
9	☐			1138.97	0.0003	P	8.2
10	☐						

$$y = 1.9968E-005 * x + 2.6857E-004$$

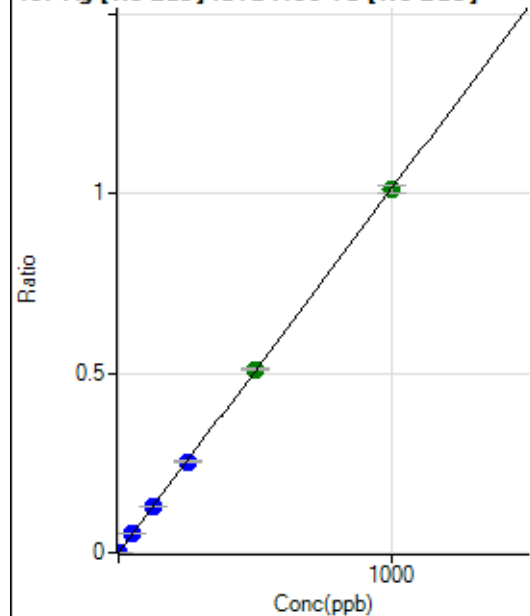
R = 1.0000

DL = 0.516

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.45	0.0000	P	25.8
2	☐	0.100	0.107	472.25	0.0001	P	1.4
3	☐	1.000	0.981	4184.08	0.0010	P	4.0
4	☐	50.000	50.931	217797.53	0.0516	P	0.9
5	☐	125.000	125.671	544801.27	0.1274	P	1.5
6	☐	250.000	250.985	1106596.54	0.2545	P	1.6
7	☐	500.000	504.309	2210560.45	0.5114	A	1.0
8	☐	1000.000	997.469	4416609.86	1.0114	A	2.2
9	☐			5181.69	0.0012	P	3.5
10	☐						

$$y = 0.0010 * x + 4.6735E-006$$

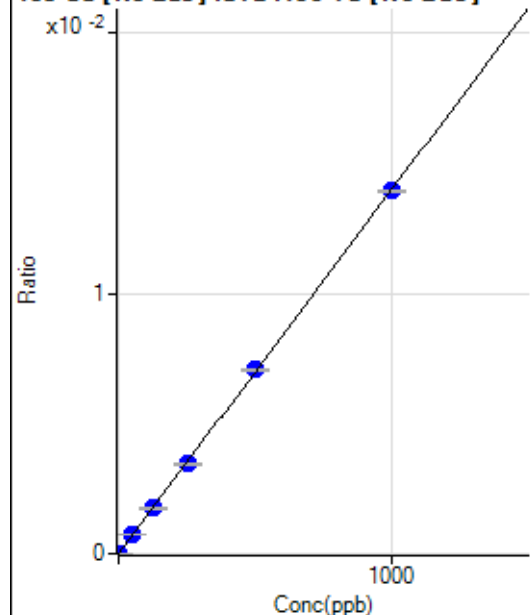
R = 1.0000

DL = 0.00357

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	0.100	0.191	13.89	0.0000	P	34.5
3	☐	1.000	1.067	65.28	0.0000	P	40.5
4	☐	50.000	54.310	3200.42	0.0008	P	2.6
5	☐	125.000	125.568	7497.96	0.0018	P	4.2
6	☐	250.000	247.462	15027.76	0.0035	P	2.2
7	☐	500.000	506.083	30547.83	0.0071	P	1.1
8	☐	1000.000	997.307	60806.95	0.0139	P	0.9
9	☐			76.39	0.0000	P	16.3
10	☐						

$$y = 1.3963\text{E-}005 * x + 6.6968\text{E-}007$$

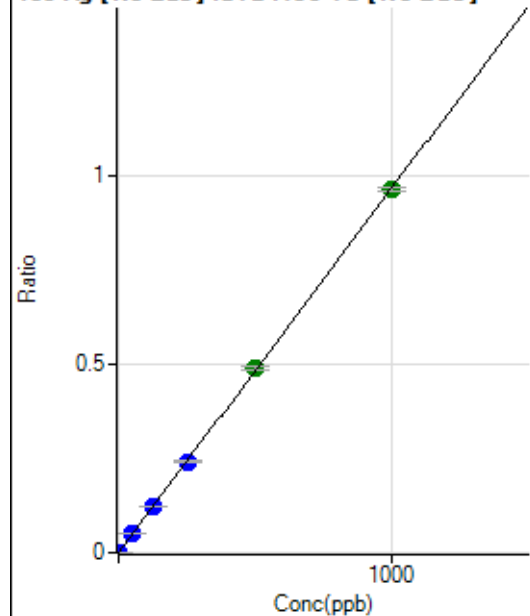
R = 1.0000

DL = 0.1246

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.2
2	☐	0.100	0.097	411.13	0.0001	P	11.6
3	☐	1.000	0.992	4031.24	0.0010	P	5.2
4	☐	50.000	50.791	206903.47	0.0491	P	0.6
5	☐	125.000	127.116	524956.30	0.1228	P	1.2
6	☐	250.000	250.650	1052722.58	0.2421	P	1.7
7	☐	500.000	507.109	2117520.79	0.4899	A	1.2
8	☐	1000.000	995.979	4201096.97	0.9621	A	1.0
9	☐			5206.69	0.0012	P	2.5
10	☐						

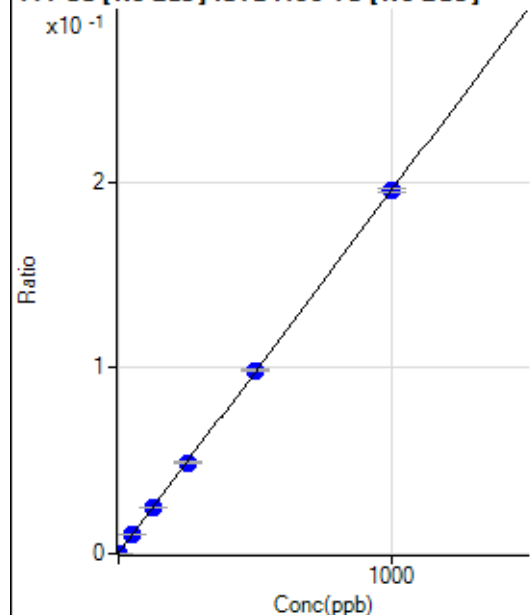
$$y = 9.6596\text{E-}004 * x + 4.6530\text{E-}006$$

R = 1.0000

DL = 0.009419

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	788.66	0.0002	P	1.6
2	☒	0.100					
3	☐	1.000	0.952	1571.07	0.0004	P	2.8
4	☐	50.000	50.502	42460.70	0.0101	P	1.5
5	☐	125.000	125.861	106083.70	0.0248	P	0.4
6	☐	250.000	249.532	213078.44	0.0490	P	1.3
7	☐	500.000	503.255	426458.30	0.0986	P	0.9
8	☐	1000.000	998.357	853657.94	0.1955	P	1.0
9	☐			1823.03	0.0004	P	9.1
10	☐						

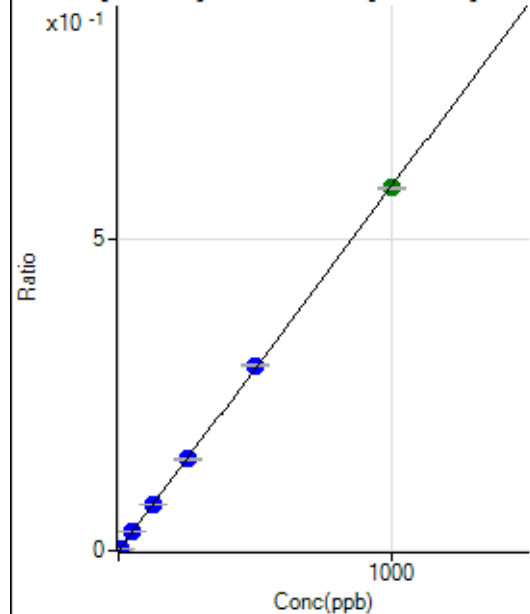
$$y = 1.9564\text{E-}004 * x + 1.8919\text{E-}004$$

R = 1.0000

DL = 0.04589

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252.78	0.0001	P	22.5
2	☐	0.500	0.465	1383.45	0.0003	P	12.7
3	☐	5.000	5.181	12906.46	0.0031	P	1.3
4	☐	50.000	50.486	124476.69	0.0295	P	0.5
5	☐	125.000	126.614	316095.05	0.0739	P	1.6
6	☐	250.000	250.927	636878.73	0.1465	P	1.2
7	☐	500.000	507.373	1280031.22	0.2961	P	0.9
8	☐	1000.000	995.855	2537748.15	0.5811	A	0.7
9	☐			3942.34	0.0009	P	2.5
10	☐						

$$y = 5.8351\text{E-}004 * x + 6.0577\text{E-}005$$

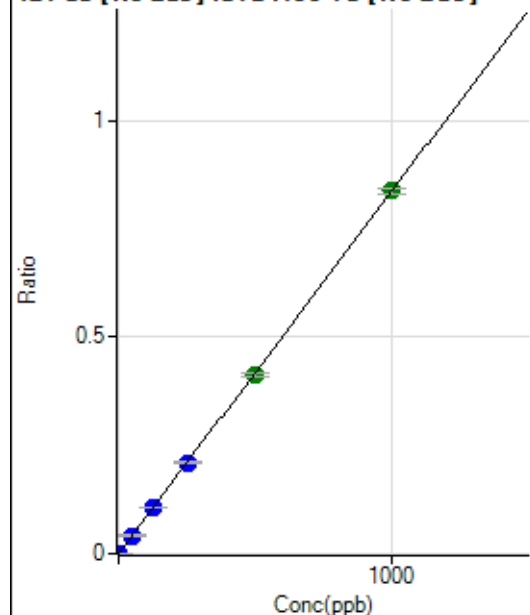
R = 1.0000

DL = 0.07008

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.0
2	☐	0.200	0.197	705.60	0.0002	P	12.9
3	☐	2.000	1.972	6915.83	0.0017	P	4.5
4	☐	50.000	50.343	177399.96	0.0421	P	1.5
5	☐	125.000	125.886	449710.59	0.1052	P	1.3
6	☐	250.000	252.096	915891.68	0.2107	P	1.4
7	☐	500.000	495.040	1787778.64	0.4137	A	2.4
8	☐	1000.000	1001.828	3655261.63	0.8371	A	1.3
9	☐			6032.08	0.0014	P	3.3
10	☐						

$$y = 8.3558\text{E-}004 * x + 4.6499\text{E-}006$$

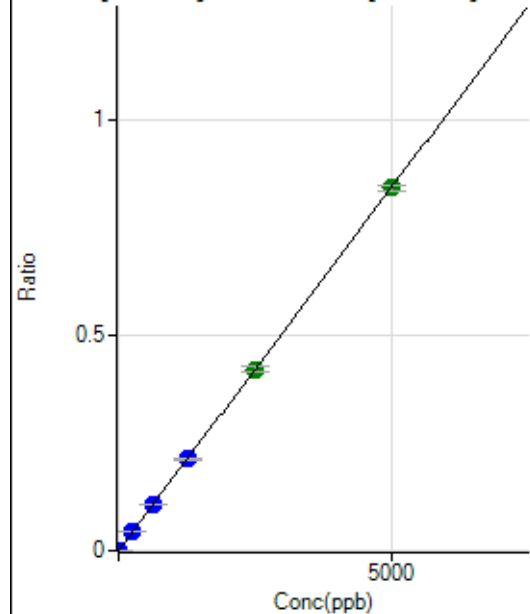
R = 1.0000

DL = 0.008173

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	1.000	1.093	780.60	0.0002	P	9.2
3	☐	10.000	10.032	7102.06	0.0017	P	1.0
4	☐	250.000	254.379	181161.49	0.0430	P	0.6
5	☐	625.000	628.361	453705.41	0.1061	P	0.7
6	☐	1250.000	1263.398	927691.05	0.2134	P	1.4
7	☐	2500.000	2501.867	1826102.47	0.4225	A	2.5
8	☐	5000.000	4995.078	3683350.21	0.8436	A	1.3
9	☐			4506.45	0.0010	P	5.3
10	☐						

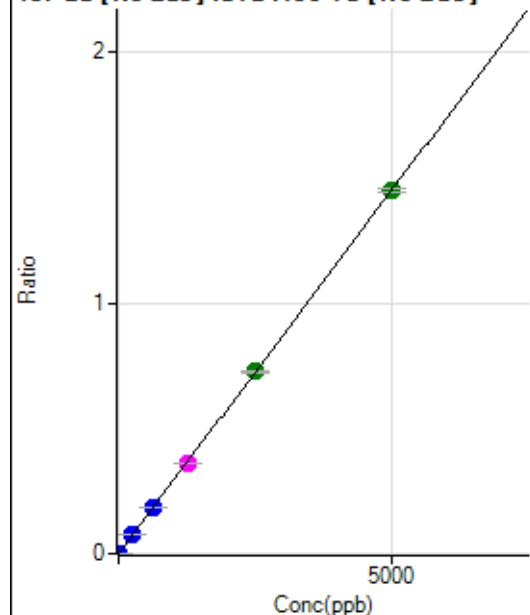
$$y = 1.6888\text{E-}004 * x + 2.6710\text{E-}006$$

R = 1.0000

DL = 0.0411

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.2
2	☐	1.000	1.037	1275.10	0.0003	P	4.2
3	☐	10.000	10.161	12350.38	0.0030	P	2.7
4	☐	250.000	253.741	310225.99	0.0736	P	0.1
5	☐	625.000	626.360	776404.01	0.1816	P	0.7
6	☐	1250.000	1248.896	1574331.39	0.3621	M	1.2
7	☐	2500.000	2508.099	3143357.56	0.7271	A	0.9
8	☐	5000.000	4995.869	6324310.38	1.4484	A	1.0
9	☐			7688.49	0.0018	P	3.5
10	☐						

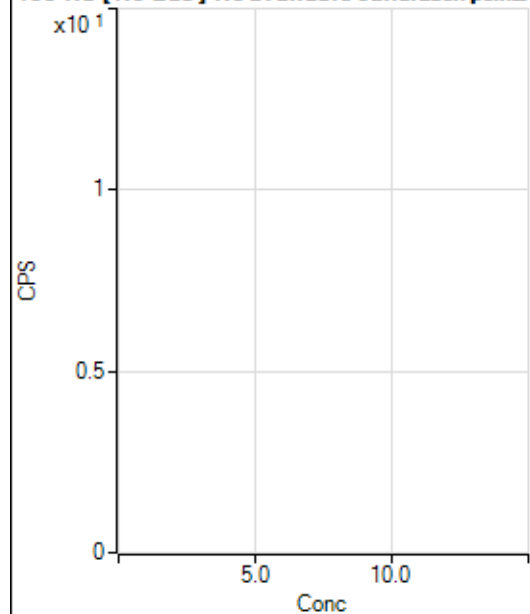
$$y = 2.8992E-004 * x + 5.3375E-006$$

R = 1.0000

DL = 0.01228

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			8.89		P	86.6
3	☐			8.89		P	86.6
4	☐			13.33		P	50.0
5	☐			11.11		P	69.3
6	☐			35.56		P	60.3
7	☐			55.56		P	25.0
8	☐			131.12		P	15.5
9	☐			37.78		P	62.0
10	☐						

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			8.89		P	57.3
6	☐			1.11		P	173.2
7	☐			8.89		P	43.3
8	☐			11.11		P	45.8
9	☐			8.89		P	21.6
10	☐						

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			2.78		P	173.2
4	☐			27.78		P	45.8
5	☐			11.11		P	114.6
6	☐			16.66		P	86.6
7	☐			22.22		P	21.6
8	☐			41.67		P	20.0
9	☐			13.89		P	124.9
10	☐						

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	173.2
2	☐			4.44		P	114.6
3	☐			5.56		P	91.6
4	☐			3.33		P	100.1
5	☐			7.78		P	65.5
6	☐			5.55		P	69.3
7	☐			8.89		P	43.3
8	☐			11.11		P	45.8
9	☐			12.22		P	15.7
10	☐						

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			33.33		P	43.3
2	☐			36.11		P	35.3
3	☐			52.78		P	36.5
4	☐			61.11		P	20.8
5	☐			44.45		P	47.2
6	☐			41.67		P	20.0
7	☐			52.78		P	45.6
8	☐			58.33		P	49.5
9	☐			58.33		P	24.7
10	☐						

160 Gd [He] No available calibration points

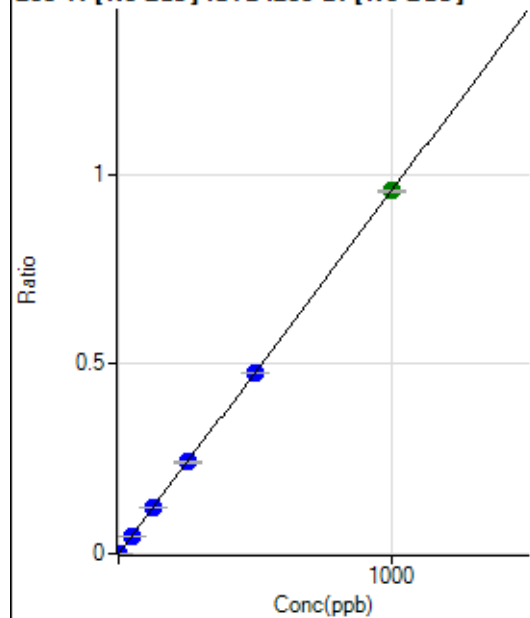
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.44		P	7.9
2	☐			25.55		P	27.1
3	☐			23.33		P	42.9
4	☐			24.45		P	55.1
5	☐			22.22		P	37.8
6	☐			21.11		P	48.2
7	☐			12.22		P	41.7
8	☐			22.22		P	52.7
9	☐			24.44		P	41.7
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.11		P	26.7
2	☐			22.22		P	114.6
3	☐			22.22		P	78.1
4	☐			22.22		P	21.6
5	☐			38.89		P	49.5
6	☐			30.56		P	78.7
7	☐			11.11		P	173.2
8	☐			11.11		P	43.3
9	☐			33.33		P	0.0
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	43.3
2	☐			12.22		P	63.0
3	☐			10.00		P	57.8
4	☐			10.00		P	33.3
5	☐			11.11		P	34.6
6	☐			12.22		P	15.7
7	☐			13.33		P	66.2
8	☐			12.22		P	15.7
9	☐			16.67		P	34.6
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	52.8
2	☐	0.100	0.107	269.46	0.0001	P	14.0
3	☐	1.000	0.968	2105.80	0.0009	P	14.6
4	☐	50.000	49.818	106980.14	0.0476	P	0.3
5	☐	125.000	125.856	271805.40	0.1203	P	1.2
6	☐	250.000	252.180	551623.66	0.2410	P	0.4
7	☐	500.000	498.450	1099864.52	0.4764	P	0.5
8	☐	1000.000	1000.132	2193103.56	0.9559	A	0.3
9	☐			2775.37	0.0013	P	2.8
10	☐						

$$y = 9.5574\text{E-}004 * x + 1.8692\text{E-}005$$

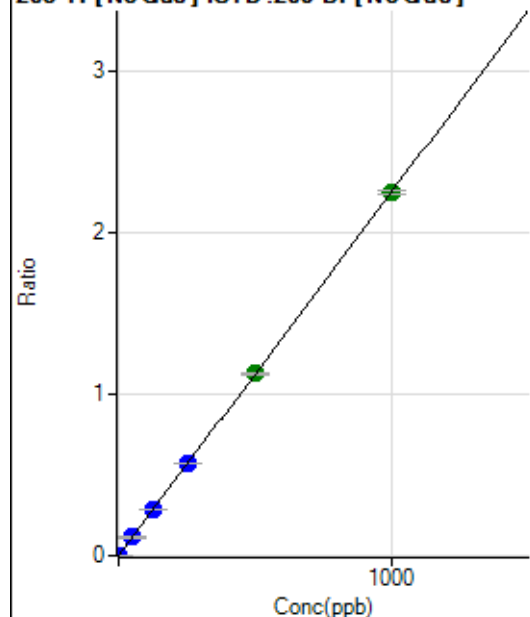
$$R = 1.0000$$

$$DL = 0.03097$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.33	0.0000	P	37.6
2	☐	0.100	0.094	530.58	0.0002	P	12.6
3	☐	1.000	1.001	5081.72	0.0023	P	1.4
4	☐	50.000	50.469	254592.45	0.1134	P	2.5
5	☐	125.000	126.727	643096.67	0.2847	P	1.9
6	☐	250.000	253.945	1305391.46	0.5704	P	0.9
7	☐	500.000	501.452	2600303.49	1.1263	A	1.0
8	☐	1000.000	998.049	5143167.52	2.2417	A	0.9
9	☐			6815.89	0.0032	P	2.0
10	☐						

$$y = 0.0022 * x + 2.6177E-005$$

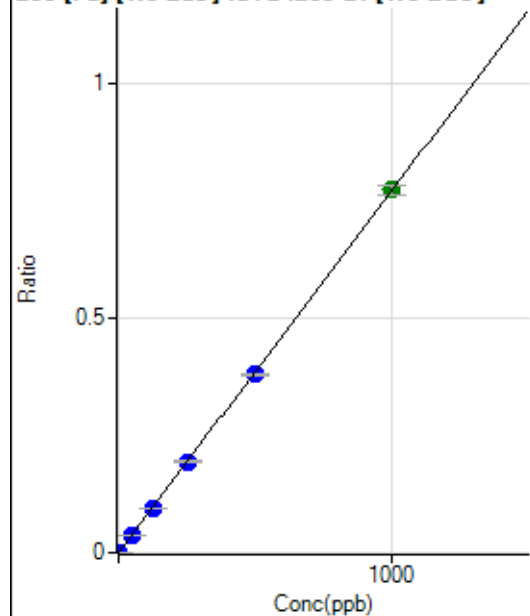
R = 1.0000

DL = 0.01314

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	257.42	0.0001	P	23.0
2	☐	0.100	0.107	440.76	0.0002	P	4.6
3	☐	1.000	0.961	1911.29	0.0009	P	3.8
4	☐	50.000	49.715	86247.87	0.0384	P	1.8
5	☐	125.000	124.537	216967.50	0.0960	P	0.3
6	☐	250.000	251.245	443083.67	0.1936	P	1.4
7	☐	500.000	492.638	876164.83	0.3795	P	1.2
8	☐	1000.000	1003.442	1772989.31	0.7729	A	2.7
9	☐			9144.09	0.0042	P	5.0
10	☐	10000.000					

$$y = 7.7013E-004 * x + 1.1552E-004$$

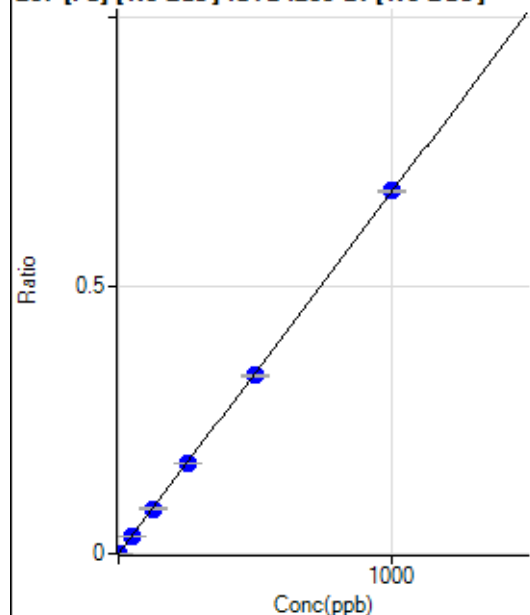
R = 1.0000

DL = 0.1036

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	205.56	0.0001	P	7.0
2	☐	0.100	0.098	353.72	0.0002	P	22.7
3	☐	1.000	0.970	1666.81	0.0007	P	5.2
4	☐	50.000	49.285	74828.05	0.0333	P	1.0
5	☐	125.000	124.351	189616.37	0.0839	P	1.3
6	☐	250.000	249.965	385885.64	0.1686	P	0.8
7	☐	500.000	492.650	767041.60	0.3322	P	0.9
8	☐	1000.000	1003.801	1552888.26	0.6768	P	0.6
9	☐			8126.77	0.0038	P	4.0
10	☐	10000.000					

$$y = 6.7419\text{E-}004 * x + 9.2325\text{E-}005$$

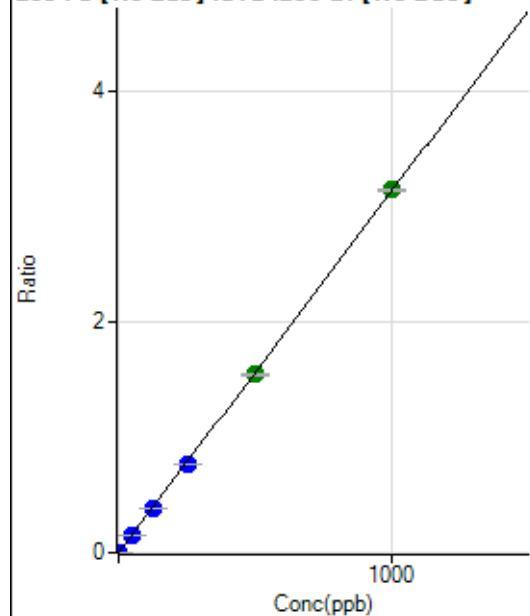
R = 1.0000

DL = 0.02855

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1007.44	0.0005	P	12.6
2	☐	0.100	0.094	1664.89	0.0007	P	3.2
3	☐	1.000	0.944	7610.29	0.0034	P	0.7
4	☐	50.000	48.792	344237.34	0.1533	P	0.8
5	☐	125.000	122.009	864453.33	0.3826	P	0.9
6	☐	250.000	244.840	1756107.08	0.7673	P	0.7
7	☐	500.000	494.494	3577055.71	1.5493	A	1.0
8	☐	1000.000	1004.477	7219561.94	3.1467	A	0.2
9	☐			37132.56	0.0172	P	1.2
10	☐	10000.000					

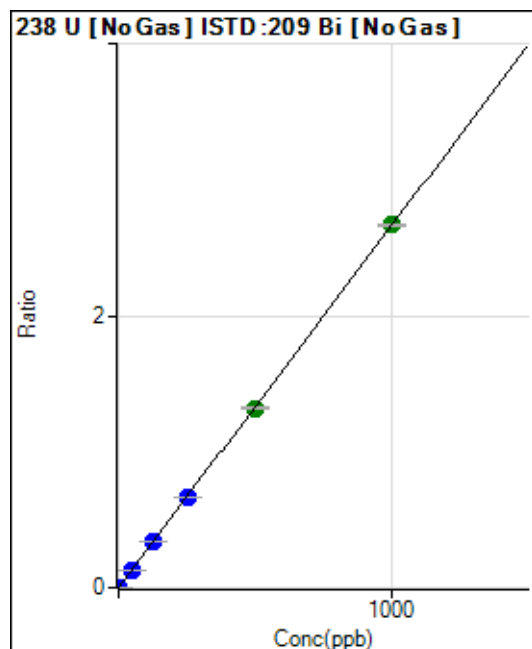
$$y = 0.0031 * x + 4.5229\text{E-}004$$

R = 1.0000

DL = 0.05454

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.12	0.0000	P	62.9
2	☐	0.100	0.117	758.38	0.0003	P	23.2
3	☐	1.000	0.996	5982.13	0.0027	P	1.8
4	☐	50.000	49.521	296191.17	0.1319	P	1.7
5	☐	125.000	125.848	757265.71	0.3352	P	0.4
6	☐	250.000	248.955	1517243.10	0.6630	P	0.1
7	☐	500.000	495.869	3048425.96	1.3205	A	1.7
8	☐	1000.000	1002.245	6123590.41	2.6689	A	0.2
9	☐			6446.25	0.0030	P	2.8
10	☐						

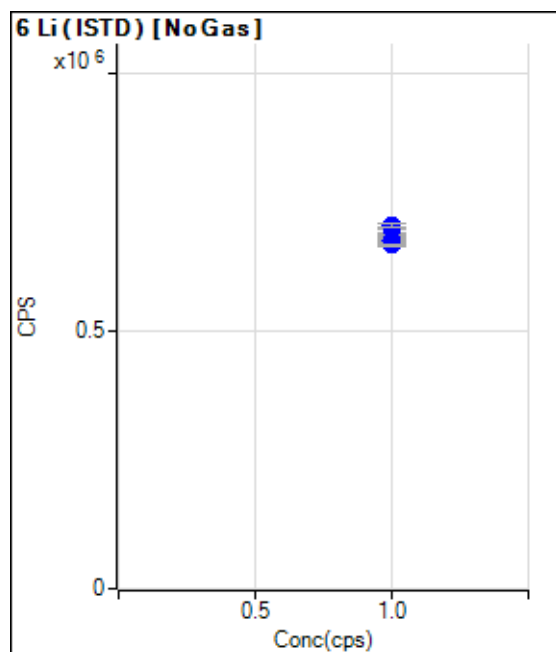
$$y = 0.0027 * x + 2.7440E-005$$

$$R = 1.0000$$

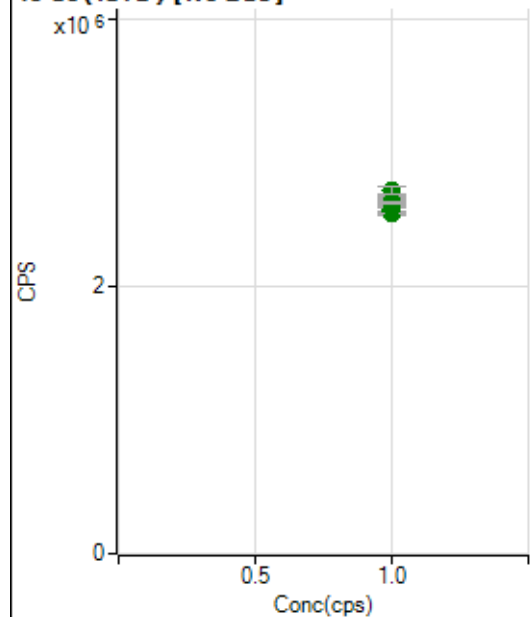
$$DL = 0.01946$$

Weight: <None>

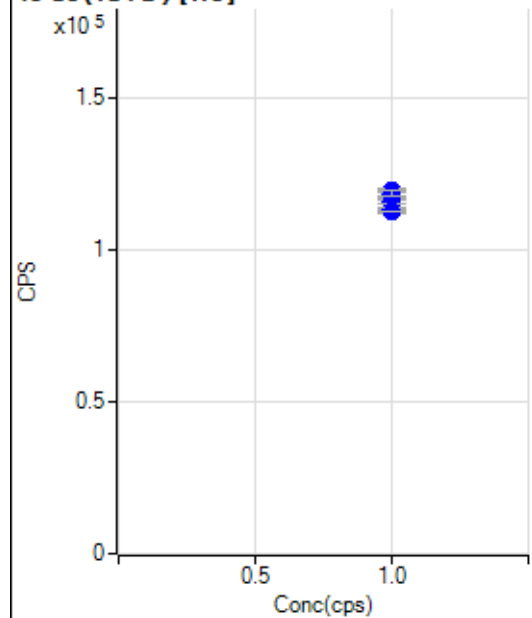
Min Conc: 0



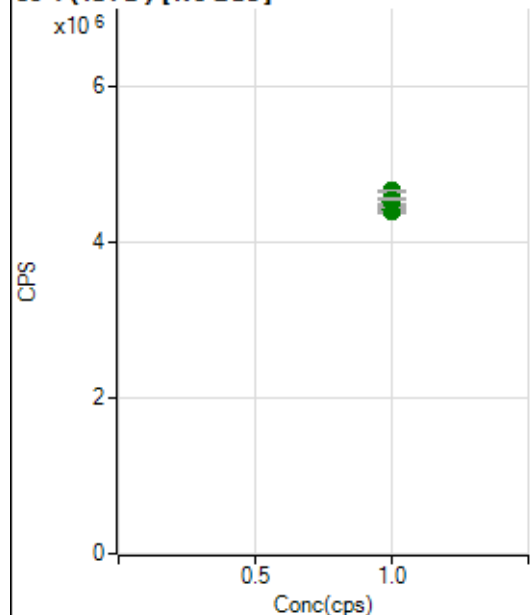
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		675883.21		P	0.7
2	☐	1.000		677242.97		P	1.0
3	☐	1.000		675078.70		P	0.8
4	☐	1.000		680877.97		P	0.7
5	☐	1.000		684593.84		P	0.5
6	☐	1.000		687892.59		P	1.0
7	☐	1.000		698302.50		P	0.6
8	☐	1.000		703733.04		P	1.1
9	☐	1.000		666258.84		P	1.0
10	☐	1.000					

45 Sc (ISTD) [No Gas]

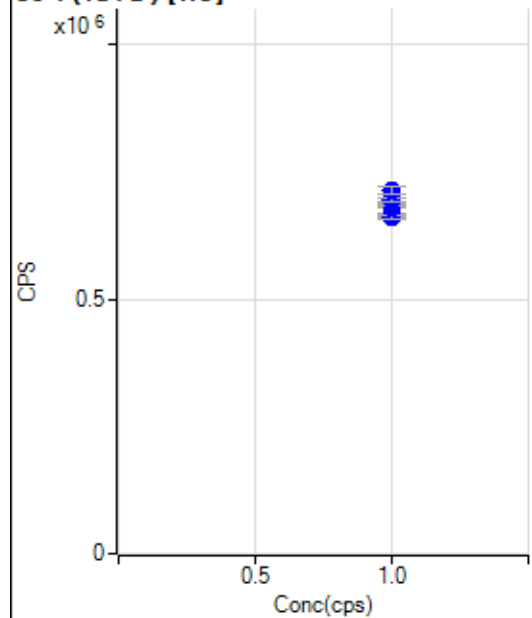
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2571193.69		A	0.9
2	☐	1.000		2550735.71		A	1.1
3	☐	1.000		2564955.59		A	1.7
4	☐	1.000		2593878.31		A	0.8
5	☐	1.000		2653108.49		A	0.9
6	☐	1.000		2618991.90		A	1.6
7	☐	1.000		2679620.65		A	0.5
8	☐	1.000		2712122.53		A	2.0
9	☐	1.000		2621301.28		A	0.6
10	☐	1.000					

45 Sc (ISTD) [He]

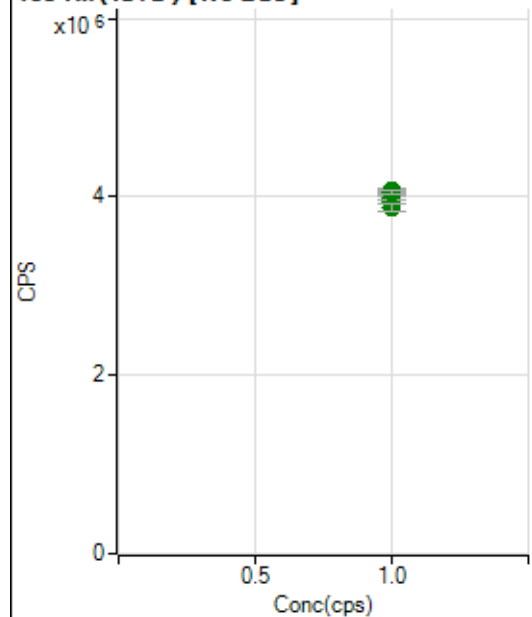
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		112622.05		P	1.1
2	☐	1.000		113086.02		P	0.4
3	☐	1.000		113245.85		P	1.1
4	☐	1.000		116062.54		P	1.4
5	☐	1.000		115719.83		P	1.1
6	☐	1.000		117429.67		P	0.2
7	☐	1.000		118147.01		P	1.0
8	☐	1.000		119422.14		P	1.0
9	☐	1.000		118617.26		P	1.7
10	☐	1.000					

89 Y (ISTD) [No Gas]

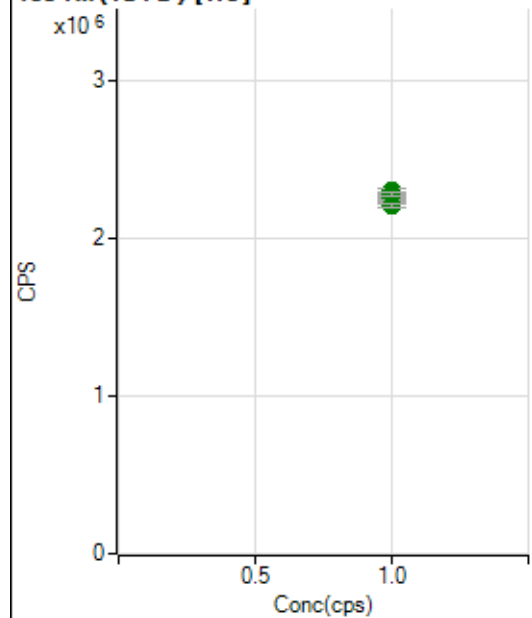
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4394699.66		A	0.8
2	☐	1.000		4404408.41		A	1.8
3	☐	1.000		4421331.46		A	1.7
4	☐	1.000		4486076.50		A	0.2
5	☐	1.000		4447564.59		A	0.7
6	☐	1.000		4518618.75		A	1.2
7	☐	1.000		4536678.58		A	0.1
8	☐	1.000		4653189.52		A	0.7
9	☐	1.000		4546511.29		A	0.8
10	☐	1.000					

89 Y (ISTD) [He]

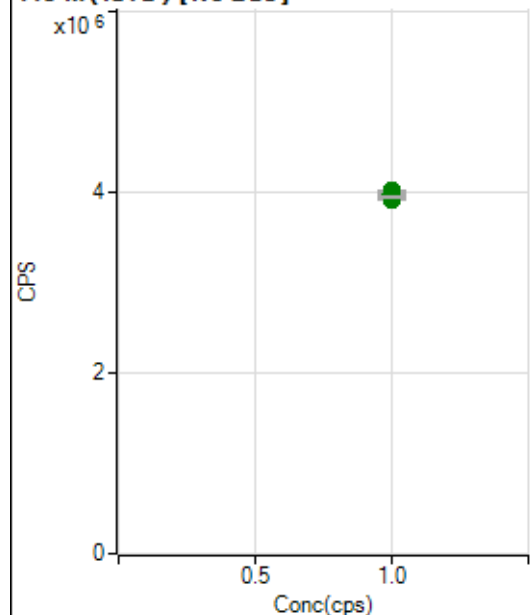
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		663182.15		P	0.9
2	☐	1.000		666436.00		P	0.3
3	☐	1.000		661957.13		P	1.3
4	☐	1.000		680013.29		P	0.6
5	☐	1.000		679753.31		P	0.5
6	☐	1.000		690588.05		P	0.6
7	☐	1.000		684820.85		P	0.7
8	☐	1.000		694993.65		P	1.3
9	☐	1.000		712520.42		P	2.2
10	☐	1.000					

103 Rh (ISTD) [No Gas]

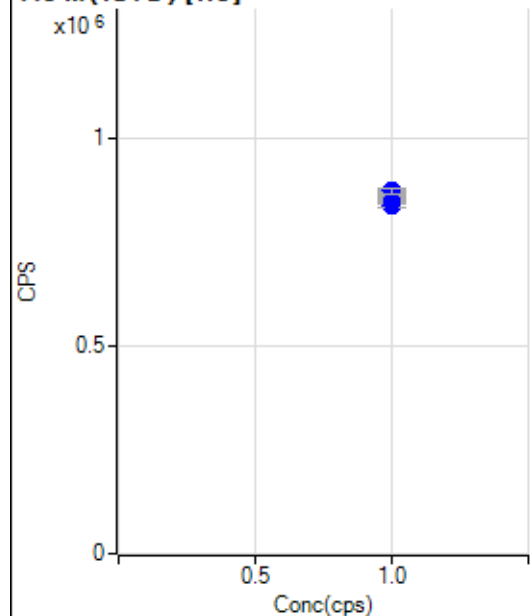
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4050879.91		A	1.0
2	☐	1.000		3991741.06		A	3.1
3	☐	1.000		3942172.52		A	1.1
4	☐	1.000		4065539.41		A	1.2
5	☐	1.000		4050086.20		A	0.6
6	☐	1.000		4048042.62		A	1.8
7	☐	1.000		4058581.17		A	0.3
8	☐	1.000		4056171.75		A	1.2
9	☐	1.000		3883551.61		A	2.0
10	☐	1.000					

103 Rh (ISTD) [He]

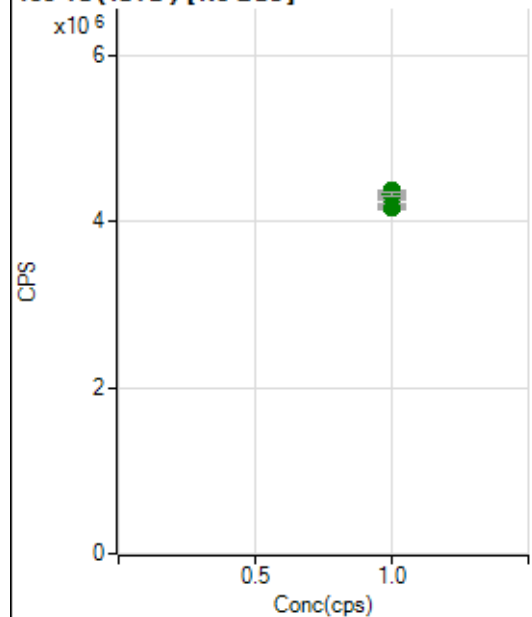
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2241185.52		A	0.4
2	☐	1.000		2239280.64		A	1.9
3	☐	1.000		2248886.27		A	1.3
4	☐	1.000		2282881.01		A	1.2
5	☐	1.000		2271563.14		A	0.5
6	☐	1.000		2303704.20		A	1.5
7	☐	1.000		2262179.58		A	1.6
8	☐	1.000		2281319.93		A	0.7
9	☐	1.000		2213386.90		A	1.0
10	☐	1.000					

115 In (ISTD) [No Gas]

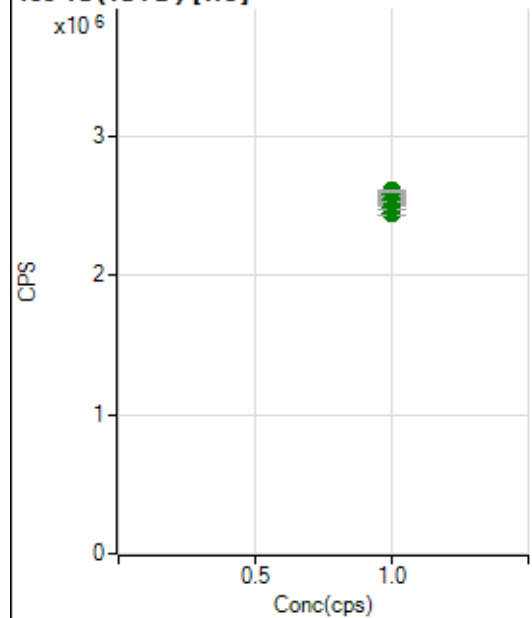
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3938386.73		A	0.4
2	☐	1.000		3980725.82		A	1.8
3	☐	1.000		3922552.99		A	0.7
4	☐	1.000		3985181.20		A	0.6
5	☐	1.000		4006895.87		A	1.3
6	☐	1.000		4018239.36		A	0.7
7	☐	1.000		3957217.70		A	1.6
8	☐	1.000		3985774.21		A	1.0
9	☐	1.000		3952145.90		A	0.8
10	☐	1.000					

115 In (ISTD) [He]

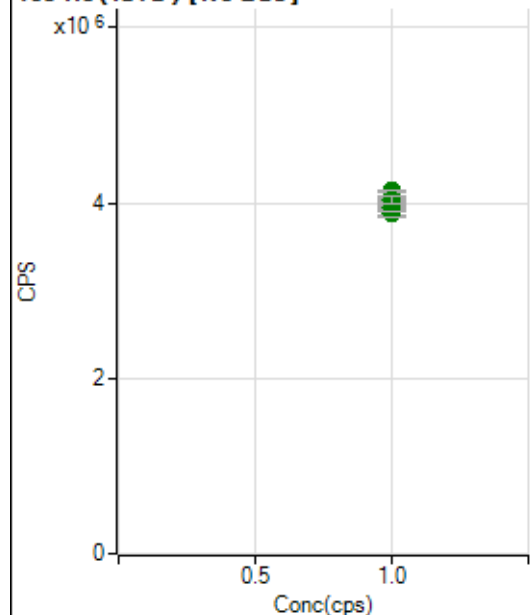
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		837996.98		P	0.8
2	☐	1.000		848080.86		P	0.8
3	☐	1.000		849594.92		P	0.9
4	☐	1.000		864831.28		P	0.5
5	☐	1.000		862635.17		P	0.4
6	☐	1.000		873170.82		P	0.6
7	☐	1.000		858775.06		P	0.6
8	☐	1.000		864740.76		P	0.5
9	☐	1.000		874214.14		P	1.8
10	☐	1.000					

159 Tb (ISTD) [No Gas]

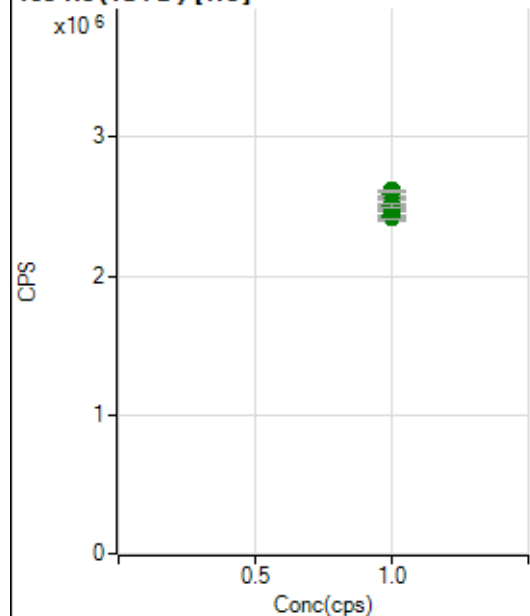
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4168088.69		A	1.0
2	☐	1.000		4168579.90		A	0.6
3	☐	1.000		4185354.07		A	0.6
4	☐	1.000		4216785.81		A	0.2
5	☐	1.000		4275489.14		A	1.1
6	☐	1.000		4348116.32		A	0.5
7	☐	1.000		4323112.82		A	1.7
8	☐	1.000		4366649.10		A	0.8
9	☐	1.000		4333113.03		A	0.8
10	☐	1.000					

159 Tb (ISTD) [He]

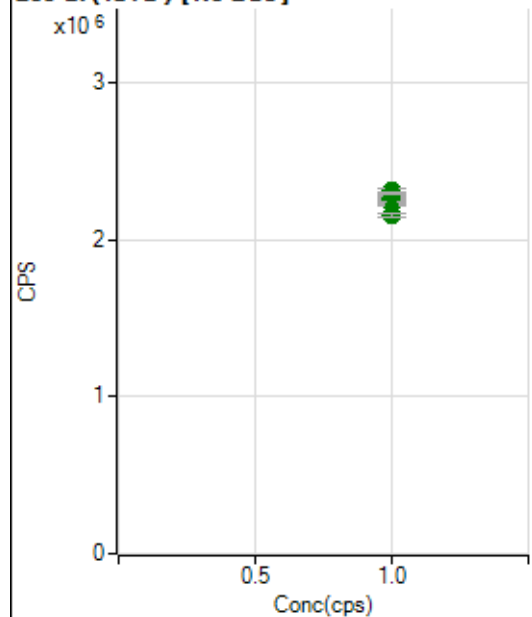
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2451562.39		A	1.4
2	☐	1.000		2527697.79		A	0.5
3	☐	1.000		2493273.35		A	1.0
4	☐	1.000		2562432.79		A	0.6
5	☐	1.000		2533249.79		A	0.3
6	☐	1.000		2580435.76		A	0.9
7	☐	1.000		2549350.24		A	1.1
8	☐	1.000		2590446.89		A	1.2
9	☐	1.000		2608766.12		A	0.3
10	☐	1.000					

165 Ho (ISTD) [No Gas]

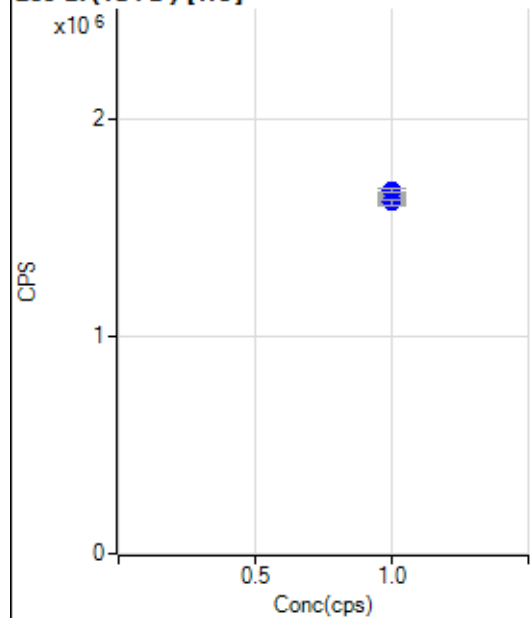
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3883513.59		A	0.8
2	☐	1.000		3941927.39		A	1.4
3	☐	1.000		3873251.04		A	1.8
4	☐	1.000		3950090.32		A	0.5
5	☐	1.000		3938253.08		A	2.0
6	☐	1.000		4013457.38		A	0.3
7	☐	1.000		4046097.18		A	1.0
8	☐	1.000		4136324.14		A	0.3
9	☐	1.000		4031943.19		A	1.7
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2425477.79		A	0.5
2	☐	1.000		2423226.18		A	1.8
3	☐	1.000		2439022.36		A	2.4
4	☐	1.000		2475923.75		A	0.6
5	☐	1.000		2492361.75		A	1.2
6	☐	1.000		2555296.14		A	1.0
7	☐	1.000		2506332.79		A	1.3
8	☐	1.000		2589033.40		A	1.3
9	☐	1.000		2614157.95		A	0.3
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2226300.35		A	0.6
2	☐	1.000		2231697.87		A	1.0
3	☐	1.000		2233245.94		A	1.1
4	☐	1.000		2245992.99		A	1.5
5	☐	1.000		2259536.70		A	1.4
6	☐	1.000		2288531.49		A	0.2
7	☐	1.000		2308729.41		A	1.2
8	☐	1.000		2294367.39		A	1.0
9	☐	1.000		2157531.55		A	1.3
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1618277.95		P	0.5
2	☐	1.000		1621211.37		P	0.5
3	☐	1.000		1620426.68		P	0.9
4	☐	1.000		1641348.34		P	0.8
5	☐	1.000		1656512.67		P	0.9
6	☐	1.000		1663733.38		P	0.5
7	☐	1.000		1648939.13		P	0.4
8	☐	1.000		1670015.08		P	0.9
9	☐	1.000		1618785.46		P	1.6
10	☐	1.000					