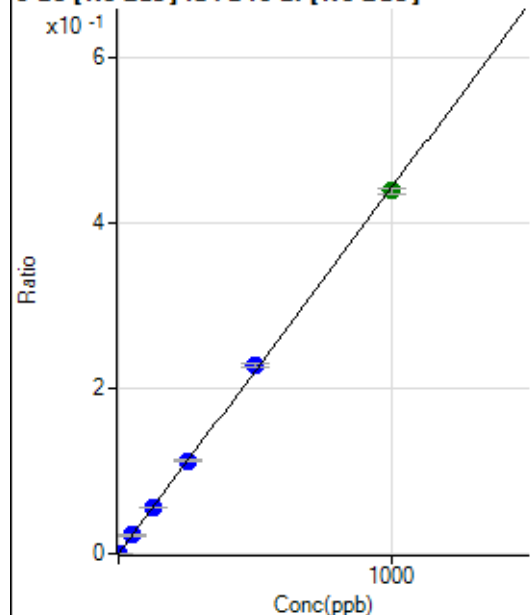


Calibration for 006CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8052121-MS.b\
 Analysis File: P8052121-MS.batch.bin
 DA Date-Time: 2021-05-21 16:49:02
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-05-21 07:43:00
2	005CAL.S.d	S01	2021-05-21 07:45:58
3	008CAL.S.d	S02	2021-05-21 07:54:58
4	009CAL.S.d	S03	2021-05-21 07:57:56
5	010CAL.S.d	S04	2021-05-21 08:00:57
6	011CAL.S.d	S05	2021-05-21 08:03:55
7	012CAL.S.d	S06	2021-05-21 08:06:56
8	013CAL.S.d	S07	2021-05-21 08:09:54
9	014CAL.S.d	S08	2021-05-21 08:12:55

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.99	0.0000	P	27.6
2	☐	0.100	0.105	133.98	0.0001	P	5.9
3	☐	1.000	1.055	1082.50	0.0005	P	3.3
4	☐	50.000	50.286	51670.86	0.0223	P	3.6
5	☐	125.000	124.753	129849.55	0.0552	P	1.8
6	☐	250.000	253.914	258554.56	0.1124	P	2.5
7	☐	500.000	514.913	516288.48	0.2279	P	1.3
8	☐	1000.000	991.582	1026278.61	0.4388	A	1.6
9	☐			123.31	0.0001	P	15.5

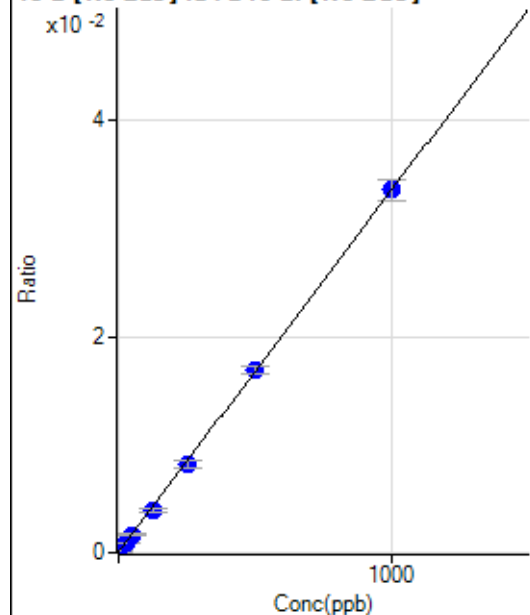
$$y = 4.4254\text{E-}004 * x + 1.2475\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02333$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	121.31	0.0001	P	2.3
2	☐	2.500	2.500	311.94	0.0001	P	6.3
3	☐	25.000	25.603	2057.74	0.0009	P	5.9
4	☐	50.000	48.313	3875.75	0.0017	P	9.5
5	☐	125.000	115.546	9223.76	0.0039	P	8.1
6	☐	250.000	243.454	18869.03	0.0082	P	8.3
7	☐	500.000	503.346	38328.09	0.0169	P	5.2
8	☐	1000.000	1001.215	78543.18	0.0336	P	5.8
9	☐			7399.08	0.0032	P	6.7

$$y = 3.3482\text{E-}005 * x + 5.3903\text{E-}005$$

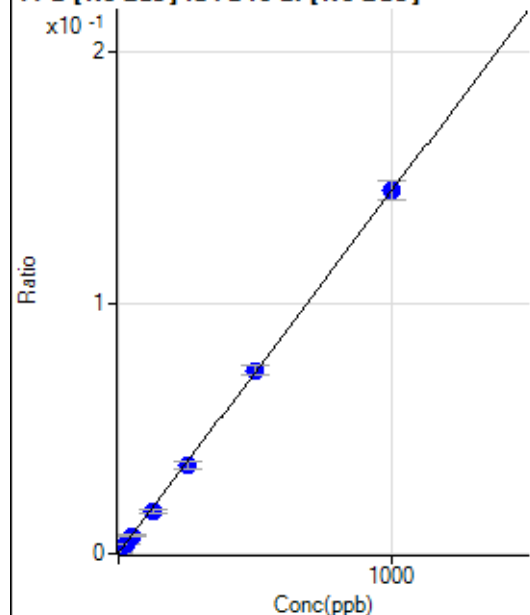
$$R = 0.9999$$

$$DL = 0.1101$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	405.26	0.0002	P	5.6
2	☐	2.500	2.010	1065.83	0.0005	P	6.0
3	☐	25.000	25.077	8581.49	0.0038	P	7.7
4	☐	50.000	47.621	16353.91	0.0071	P	11.5
5	☐	125.000	115.984	39789.72	0.0169	P	7.8
6	☐	250.000	243.658	81299.68	0.0354	P	7.7
7	☐	500.000	504.532	165492.08	0.0730	P	5.3
8	☐	1000.000	1000.565	338252.53	0.1446	P	5.4
9	☐			31974.97	0.0140	P	5.7

$$y = 1.4434E-004 * x + 1.8009E-004$$

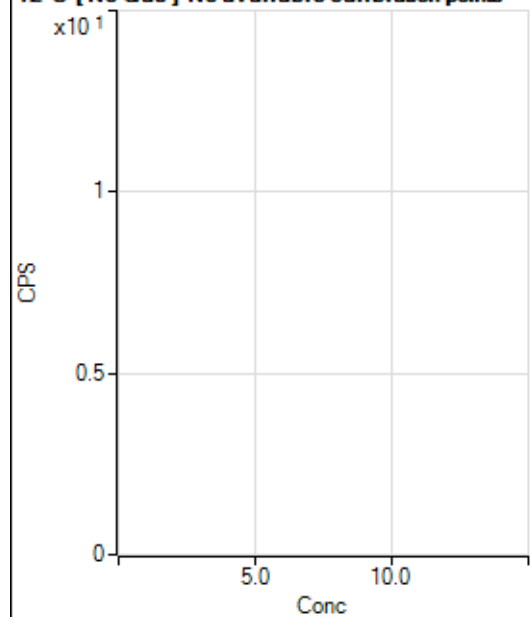
$$R = 0.9999$$

$$DL = 0.2104$$

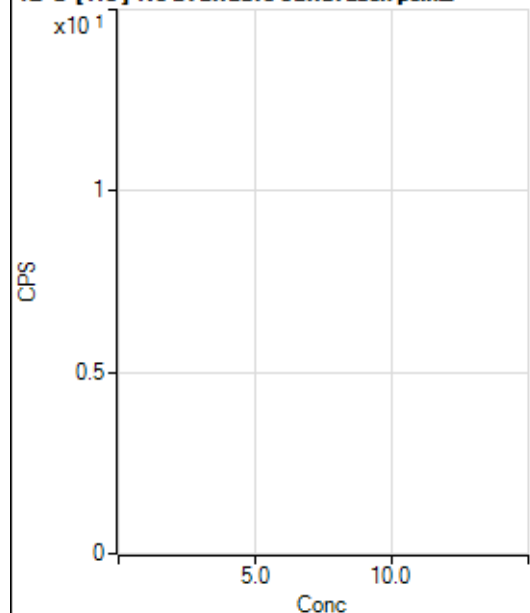
Weight: <None>

Min Conc: 0

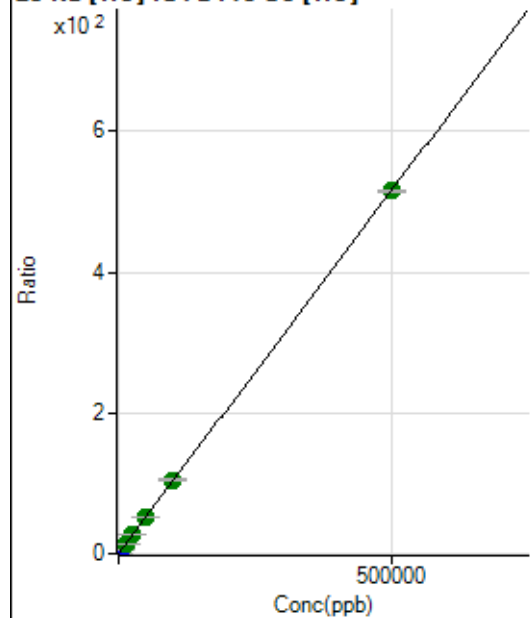
12 C [No Gas] No available calibration points



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3226887.31		A	1.1
2	☐			3282883.71		A	1.6
3	☐			3231824.81		A	1.8
4	☐			3316771.08		A	2.8
5	☐			3355045.52		A	1.5
6	☐			3431819.65		A	0.9
7	☐			3502788.49		A	2.6
8	☐			3680096.74		A	3.0
9	☐			3456141.14		A	0.2

12 C [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			35320.85		P	3.2
2	☐			36264.69		P	0.8
3	☐			35003.19		P	1.9
4	☐			36498.70		P	1.8
5	☐			36596.16		P	3.5
6	☐			37256.12		P	1.7
7	☐			38247.45		P	1.3
8	☐			41473.03		P	1.5
9	☐			38556.66		P	0.7

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16746.08	0.2005	P	2.7
2	☐	50.000	46.666	21076.68	0.2486	P	2.6
3	☐	500.000	501.721	61000.20	0.7181	P	1.7
4	☐	5000.000	5120.354	460619.69	5.4836	P	0.7
5	☐	12500.000	12956.926	1137036.46	13.5694	A	2.9
6	☐	25000.000	25384.885	2186637.87	26.3925	A	2.9
7	☐	50000.000	50652.142	4304301.14	52.4632	A	0.6
8	☐	100000.00	101451.14	8370989.16	104.8775	A	1.6
9	☐	500000.00	499612.68	39649275.8	515.6997	A	0.8

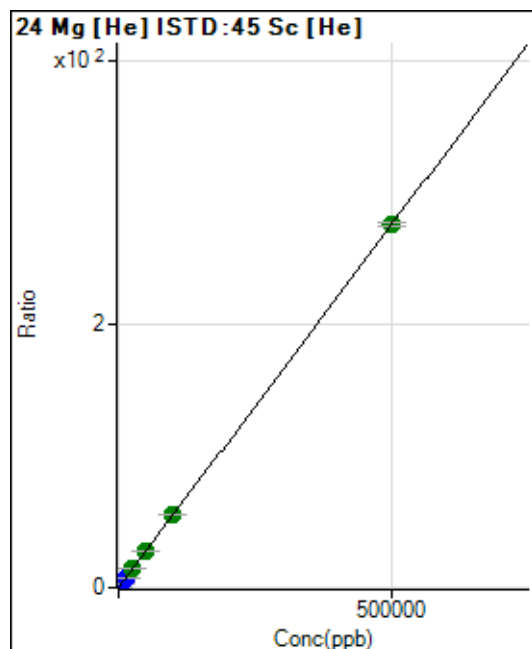
$$y = 0.0010 * x + 0.2005$$

$$R = 1.0000$$

$$DL = 15.8$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	455.57	0.0054	P	7.7
2	☐	50.000	41.478	2397.48	0.0283	P	2.4
3	☐	500.000	504.152	24034.15	0.2829	P	1.9
4	☐	5000.000	5127.689	237516.62	2.8277	P	1.5
5	☐	12500.000	12850.601	593162.80	7.0784	P	2.4
6	☐	25000.000	25473.158	1162234.94	14.0257	A	1.9
7	☐	50000.000	50345.790	2273890.61	27.7155	A	1.6
8	☐	100000.00	100291.65	4406486.78	55.2055	A	1.0
9	☐	500000.00	499873.38	21153790.5	275.1332	A	1.2

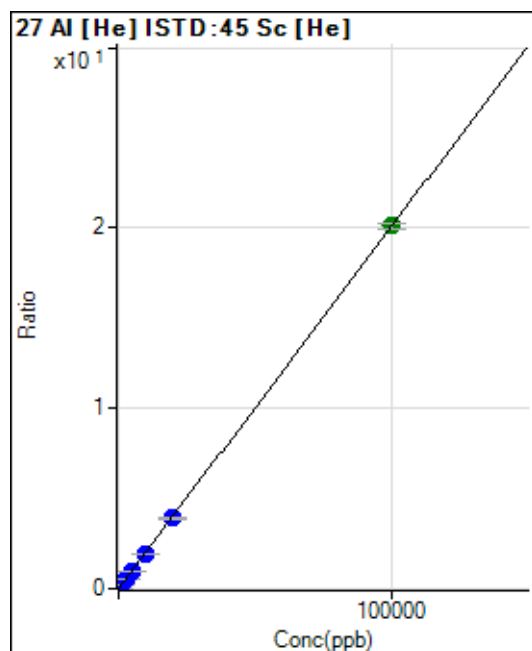
$$y = 5.5039\text{E-}004 * x + 0.0054$$

$$R = 1.0000$$

$$DL = 2.284$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.72	0.0035	P	4.3
2	☒	2.000					
3	☐	20.000	22.068	669.93	0.0079	P	3.0
4	☐	1000.000	964.118	16555.23	0.1971	P	0.6
5	☐	2500.000	2420.824	41034.32	0.4897	P	1.7
6	☐	5000.000	4822.121	80521.18	0.9719	P	3.1
7	☐	10000.000	9654.958	159377.09	1.9426	P	0.5
8	☐	20000.000	19371.820	310818.33	3.8941	P	1.5
9	☐	100000.00	100171.37	1547075.82	20.1219	A	1.3

$$y = 2.0084\text{E-}004 * x + 0.0035$$

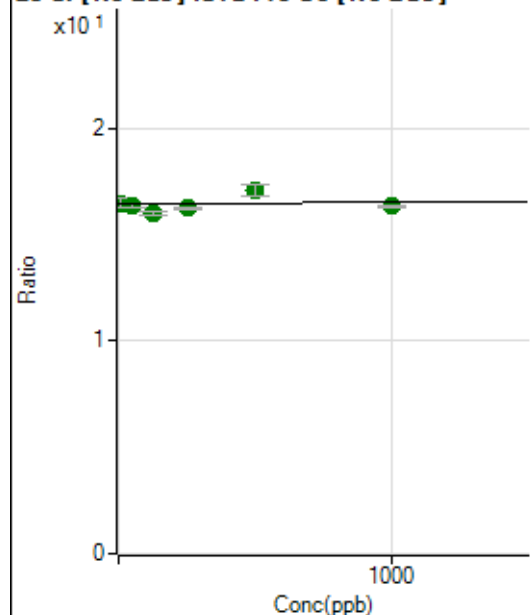
$$R = 1.0000$$

$$DL = 2.233$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35235421.9	16.4429	A	0.7
2	☐	10.000	-257.462	35265306.0	16.4192	A	0.9
3	☐	10.000	650.600	35523248.0	16.5029	A	2.3
4	☐	50.000	-855.602	35677409.4	16.3641	A	1.3
5	☐	125.000	-4490.116	35530981.0	16.0291	A	0.9
6	☐	250.000	-1890.414	35681480.3	16.2687	A	0.5
7	☐	500.000	6723.885	36156964.3	17.0625	A	3.2
8	☐	1000.000	-958.401	36686132.4	16.3546	A	0.5
9	☐			34210288.6	15.4791	A	2.1

$$y = 9.2152\text{E-}005 * x + 16.4429$$

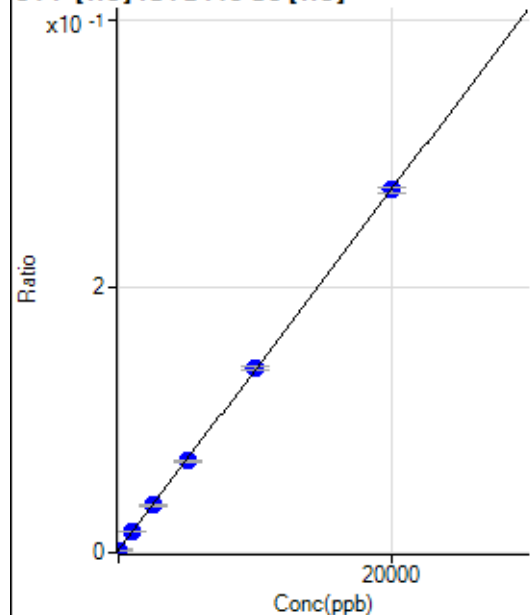
$$R = 0.2042$$

$$DL = 3560$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	14.504	163.89	0.0020	P	35.3
2	☐	0.000	-23.937	122.23	0.0014	P	35.8
3	☐	0.000	9.433	161.11	0.0019	P	17.6
4	☐	1000.000	1018.745	1308.44	0.0156	P	3.8
5	☐	2500.000	2488.254	2975.39	0.0355	P	6.9
6	☐	5000.000	4941.046	5695.71	0.0687	P	3.2
7	☐	10000.000	10077.316	11351.93	0.1384	P	2.6
8	☐	20000.000	19976.612	21752.85	0.2725	P	1.9
9	☐			138.89	0.0018	P	7.3

$$y = 1.3554\text{E-}005 * x + 0.0018$$

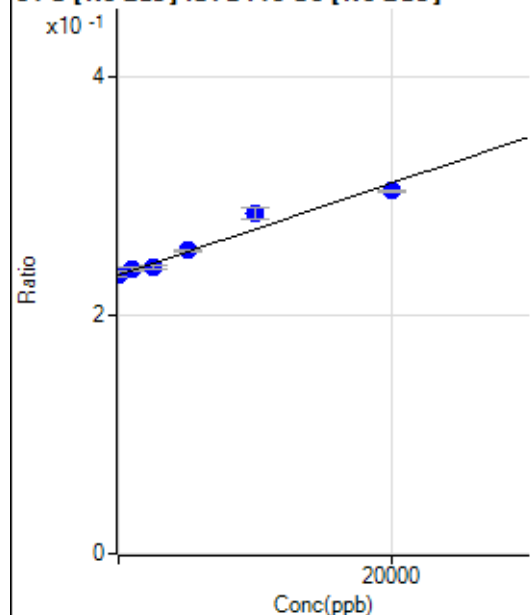
$$R = 1.0000$$

$$DL = 114.2$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-37.042	500652.10	0.2336	P	0.7
2	☐	0.000	-106.835	501215.33	0.2334	P	0.2
3	☐	0.000	143.877	504428.91	0.2343	P	2.0
4	☐	1000.000	1232.598	520050.08	0.2385	P	1.5
5	☐	2500.000	1606.829	531914.15	0.2400	P	1.6
6	☐	5000.000	5420.815	558635.54	0.2547	P	0.5
7	☐	10000.000	13400.387	604953.54	0.2855	P	3.6
8	☐	20000.000	18294.619	682838.06	0.3044	P	0.2
9	☐			502447.79	0.2273	P	1.1

$$y = 3.8605E-006 * x + 0.2338$$

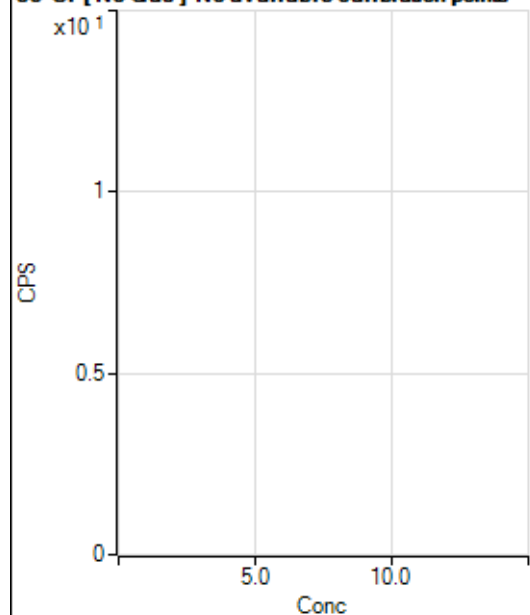
$$R = 0.9780$$

$$DL = 1784$$

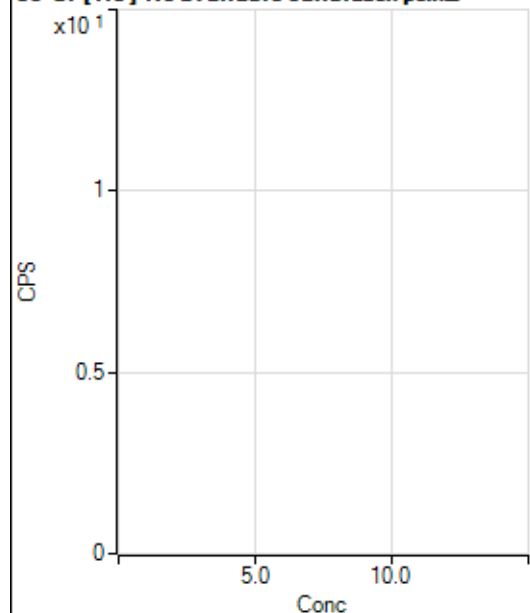
Weight: <None>

Min Conc: 0

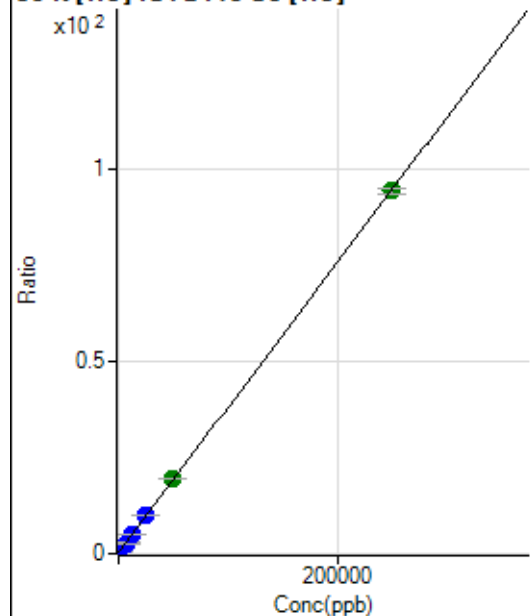
35 Cl [No Gas] No available calibration points



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			126320.67		P	0.4
2	☐			123409.46		P	1.1
3	☐			110881.84		P	2.3
4	☐			110668.31		P	1.7
5	☐			111519.63		P	1.6
6	☐			112233.28		P	1.1
7	☐			124317.58		P	0.4
8	☐			120860.55		P	0.6
9	☐			114990.68		P	0.1

35 Cl [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1094.52		P	9.8
2	☐			1152.85		P	3.7
3	☐			900.05		P	9.1
4	☐			1116.74		P	12.3
5	☐			983.40		P	9.3
6	☐			1033.40		P	5.3
7	☐			947.28		P	6.2
8	☐			1033.40		P	9.9
9	☐			883.39		P	5.9

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23853.50	0.2856	P	3.1
2	☒	50.000					
3	☐	500.000	488.556	39889.05	0.4696	P	1.9
4	☐	2500.000	2619.784	106891.40	1.2726	P	1.4
5	☐	6250.000	6519.995	229781.43	2.7420	P	2.1
6	☐	12500.000	12985.160	428981.08	5.1777	P	2.8
7	☐	25000.000	25879.861	823384.83	10.0358	P	0.7
8	☐	50000.000	51242.034	1563743.97	19.5910	A	0.8
9	☐	250000.00	249631.42	7252863.79	94.3343	A	1.4

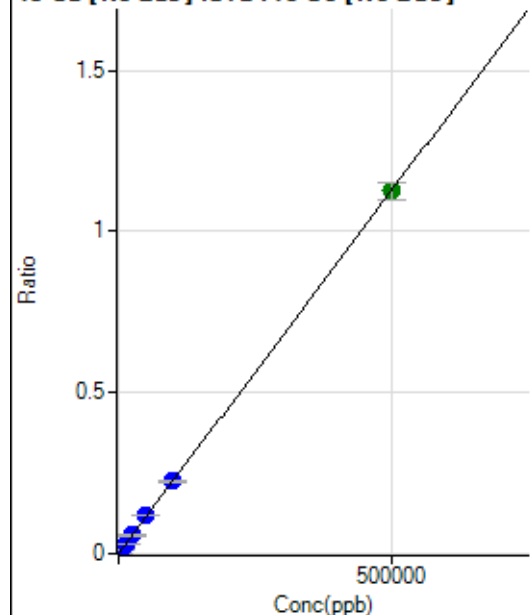
$$y = 3.7675E-004 * x + 0.2856$$

$$R = 1.0000$$

$$DL = 71.08$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	206.65	0.0001	P	3.1
2	☐	50.000	46.981	434.54	0.0002	P	3.3
3	☐	500.000	479.515	2533.67	0.0012	P	4.5
4	☐	5000.000	4999.401	24772.44	0.0114	P	2.9
5	☐	12500.000	12347.638	61896.12	0.0279	P	2.5
6	☐	25000.000	25227.244	124913.61	0.0570	P	1.0
7	☐	50000.000	52770.796	252271.86	0.1190	P	2.8
8	☐	100000.00	100056.37	506039.99	0.2256	P	2.6
9	☐	500000.00	499704.12	2488368.02	1.1263	A	4.9

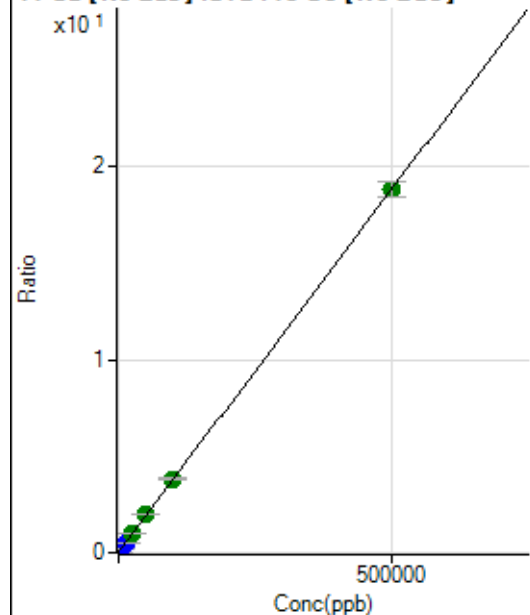
$$y = 2.2538\text{E-}006 * x + 9.6427\text{E-}005$$

$$R = 1.0000$$

$$DL = 3.958$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54437.75	0.0254	P	0.8
2	☐	50.000	41.278	57889.08	0.0270	P	0.3
3	☐	500.000	491.379	94394.27	0.0439	P	2.4
4	☐	5000.000	4996.488	464306.37	0.2130	P	2.3
5	☐	12500.000	12362.838	1085087.96	0.4895	P	2.1
6	☐	25000.000	25609.194	2164311.83	0.9868	A	1.5
7	☐	50000.000	52574.044	4236733.10	1.9992	A	2.8
8	☐	100000.00	100630.95	8531487.85	3.8034	A	1.8
9	☐	500000.00	499589.41	41496952.1	18.7813	A	4.1

$$y = 3.7543\text{E-}005 * x + 0.0254$$

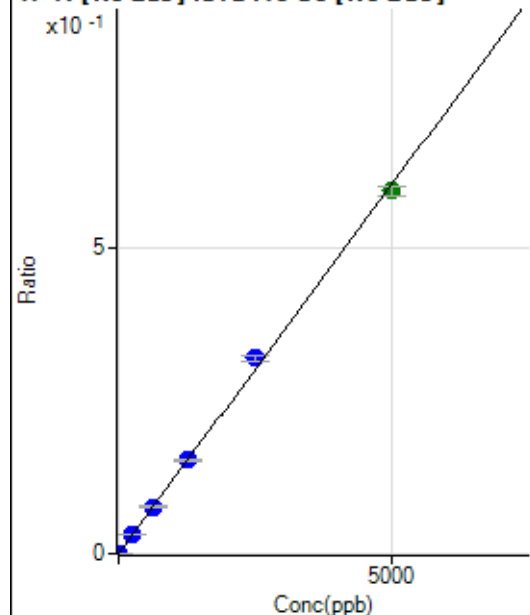
$$R = 1.0000$$

$$DL = 16.96$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0001	P	16.8
2	☐	0.500	0.705	436.13	0.0002	P	25.5
3	☐	5.000	5.442	1669.59	0.0008	P	2.6
4	☐	250.000	256.715	67877.82	0.0311	P	2.4
5	☐	625.000	636.207	170633.69	0.0770	P	2.7
6	☐	1250.000	1275.266	338205.36	0.1542	P	1.9
7	☐	2500.000	2649.740	678815.53	0.3203	P	2.4
8	☐	5000.000	4917.077	1332904.40	0.5942	A	2.6
9	☐			505.58	0.0002	P	17.5

$$y = 1.2083\text{E-}004 * x + 1.1803\text{E-}004$$

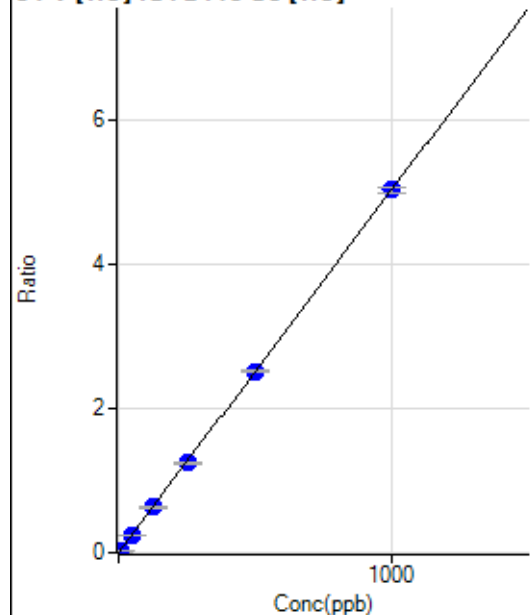
$$R = 0.9994$$

$$DL = 0.493$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0001	P	114.8
2	☐	0.500	0.535	233.34	0.0027	P	9.5
3	☐	5.000	5.071	2175.74	0.0256	P	3.1
4	☐	50.000	49.587	20994.40	0.2499	P	1.1
5	☐	125.000	125.691	53083.48	0.6335	P	2.2
6	☐	250.000	248.858	103918.93	1.2541	P	2.4
7	☐	500.000	499.578	206557.53	2.5176	P	0.6
8	☐	1000.000	1000.431	402415.86	5.0416	P	1.5
9	☐			77.78	0.0010	P	5.6

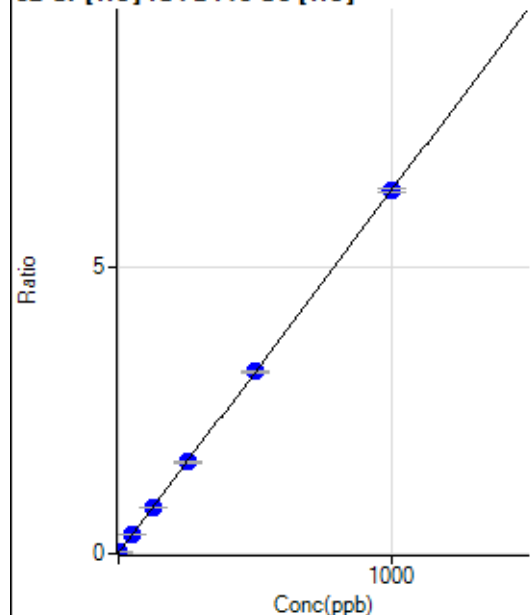
$$y = 0.0050 * x + 5.2804\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03608$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	634.46	0.0076	P	2.5
2	☐	0.200	0.114	704.47	0.0083	P	4.7
3	☐	2.000	2.025	1732.35	0.0204	P	3.2
4	☐	50.000	50.981	27707.98	0.3299	P	0.5
5	☐	125.000	126.752	67782.92	0.8088	P	1.5
6	☐	250.000	251.181	132188.01	1.5953	P	2.1
7	☐	500.000	501.344	260624.85	3.1766	P	0.7
8	☐	1000.000	998.765	504533.16	6.3209	P	0.9
9	☐			3641.61	0.0474	P	1.5

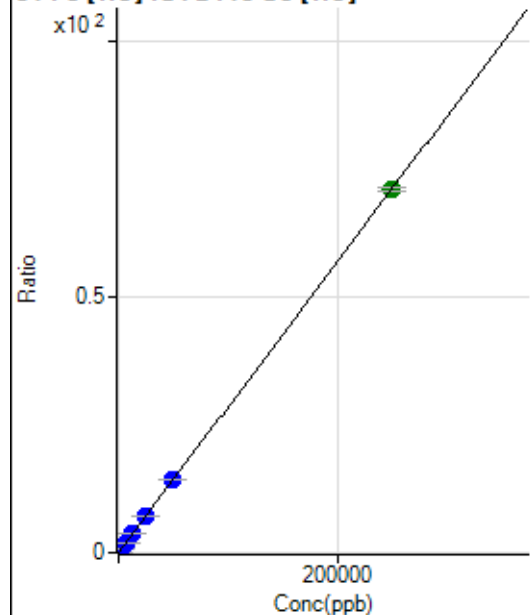
$$y = 0.0063 * x + 0.0076$$

$$R = 1.0000$$

$$DL = 0.0914$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	418.53	0.0050	P	9.3
2	☐	5.000	4.197	525.94	0.0062	P	9.9
3	☐	50.000	52.146	1685.31	0.0198	P	7.9
4	☐	2500.000	2549.451	61325.79	0.7301	P	1.4
5	☐	6250.000	6374.211	152335.31	1.8179	P	2.3
6	☐	12500.000	12724.067	300254.10	3.6238	P	2.5
7	☐	25000.000	25548.752	596566.34	7.2712	P	0.8
8	☐	50000.000	50682.896	1150984.55	14.4195	P	0.6
9	☐	250000.00	249793.74	5462306.03	71.0478	A	0.9

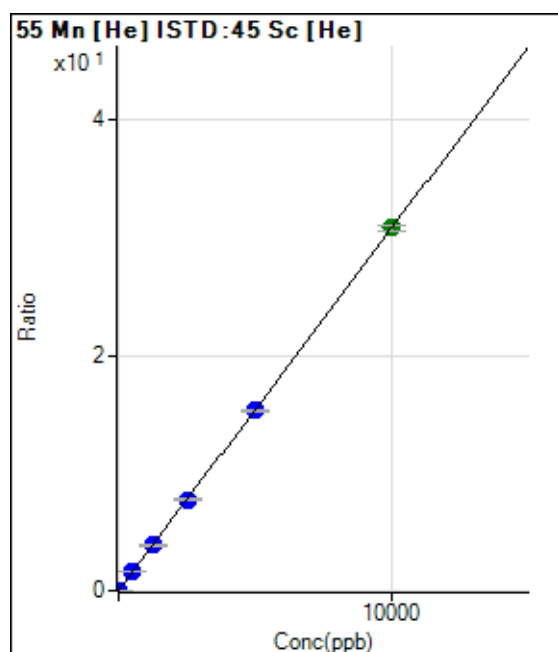
$$y = 2.8441E-004 * x + 0.0050$$

$$R = 1.0000$$

$$DL = 4.942$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0005	P	45.1
2	☒	0.100					
3	☐	1.000	0.937	283.34	0.0033	P	4.2
4	☐	500.000	506.301	130883.58	1.5581	P	0.4
5	☐	1250.000	1250.742	322492.51	3.8485	P	2.5
6	☐	2500.000	2504.953	638585.67	7.7072	P	2.7
7	☐	5000.000	4968.740	1254253.26	15.2873	P	0.6
8	☐	10000.000	10013.984	2459229.54	30.8096	A	1.5
9	☐			1398.97	0.0182	P	2.8

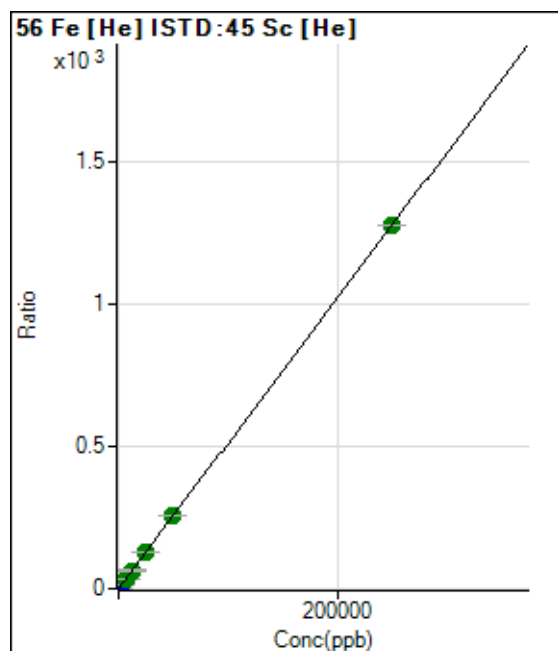
$$y = 0.0031 * x + 4.5409E-004$$

$$R = 1.0000$$

$$DL = 0.1999$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1459.36	0.0175	P	10.7
2	☐	5.000	4.873	3591.26	0.0424	P	4.8
3	☐	50.000	52.155	24116.87	0.2839	P	1.4
4	☐	2500.000	2524.875	1084949.05	12.9164	P	1.0
5	☐	6250.000	6392.435	2738477.26	32.6748	A	1.3
6	☐	12500.000	12536.150	5307713.54	64.0614	A	2.6
7	☐	25000.000	24926.399	10449227.5	127.3600	A	0.5
8	☐	50000.000	50048.322	20410021.7	255.7014	A	1.2
9	☐	250000.00	249992.07	98194970.7	1,277.162	A	0.1

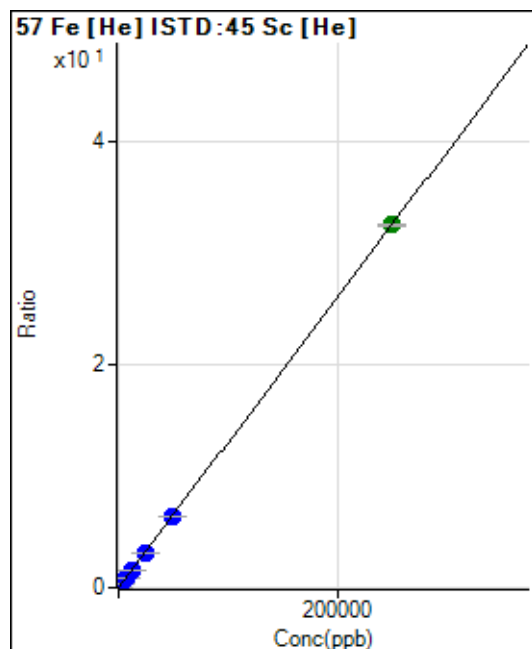
$$y = 0.0051 * x + 0.0175$$

$$R = 1.0000$$

$$DL = 1.103$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0011	P	26.3
2	☐	5.000	5.059	151.85	0.0018	P	34.1
3	☐	50.000	48.182	627.80	0.0074	P	13.1
4	☐	2500.000	2484.813	27231.83	0.3242	P	0.4
5	☐	6250.000	6176.093	67380.71	0.8041	P	2.7
6	☐	12500.000	12266.329	132221.48	1.5959	P	2.9
7	☐	25000.000	24403.179	260396.30	3.1739	P	0.8
8	☐	50000.000	48698.442	505463.47	6.3326	P	0.9
9	☐	250000.00	250333.67	2502350.15	32.5478	A	0.9

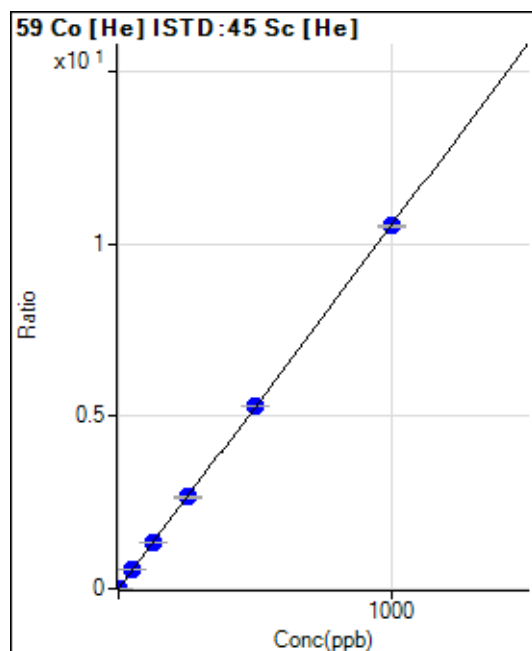
$$y = 1.3001\text{E-}004 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 6.867$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0005	P	10.8
2	☐	0.100	0.090	118.89	0.0014	P	7.2
3	☐	1.000	1.094	1018.94	0.0120	P	0.8
4	☐	50.000	51.324	45532.56	0.5421	P	1.0
5	☐	125.000	126.160	111607.67	1.3318	P	2.1
6	☐	250.000	252.236	220568.67	2.6623	P	2.9
7	☐	500.000	502.275	434911.40	5.3009	P	0.3
8	☐	1000.000	998.092	840762.47	10.5332	P	0.6
9	☐			1277.85	0.0166	P	8.9

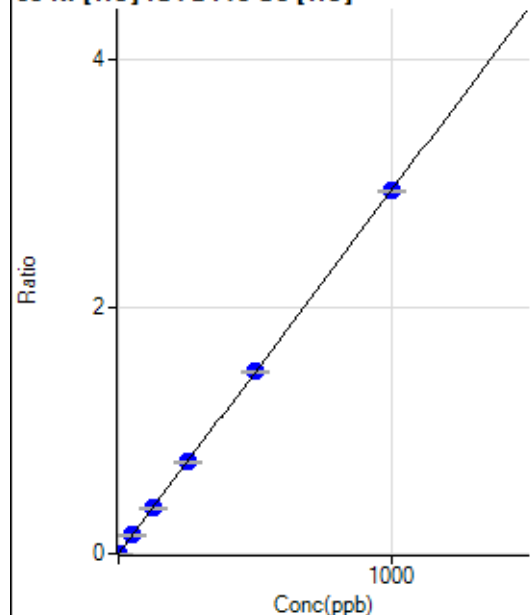
$$y = 0.0106 * x + 4.5233\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01385$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0005	P	64.5
2	☒	0.100					
3	☐	1.000	0.944	276.67	0.0033	P	3.4
4	☐	50.000	50.972	12639.04	0.1505	P	4.1
5	☐	125.000	125.685	31036.07	0.3704	P	2.6
6	☐	250.000	252.328	61570.14	0.7430	P	2.3
7	☐	500.000	501.438	121110.04	1.4761	P	1.1
8	☐	1000.000	998.565	234606.18	2.9391	P	0.6
9	☐			804.48	0.0105	P	3.1

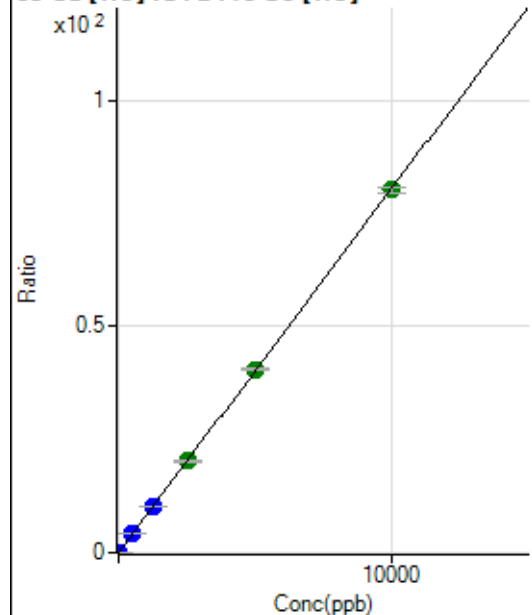
$$y = 0.0029 * x + 4.7791E-004$$

$$R = 1.0000$$

$$DL = 0.3144$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	916.70	0.0110	P	1.5
2	☐	0.200	0.186	1056.72	0.0125	P	4.0
3	☐	2.000	2.011	2304.65	0.0271	P	0.7
4	☐	500.000	511.737	346287.50	4.1226	P	1.1
5	☐	1250.000	1274.626	859159.55	10.2522	P	1.8
6	☐	2500.000	2523.348	1680951.57	20.2852	A	1.6
7	☐	5000.000	5039.861	3323170.82	40.5046	A	0.7
8	☐	10000.000	9970.567	6395032.75	80.1212	A	1.7
9	☐			4883.10	0.0635	P	0.5

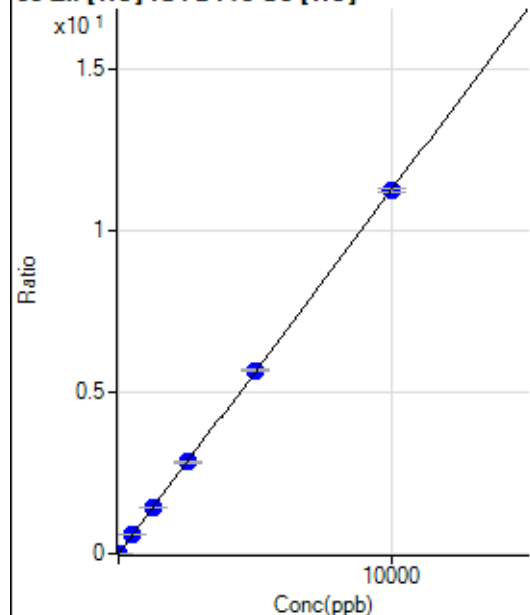
$$y = 0.0080 * x + 0.0110$$

$$R = 1.0000$$

$$DL = 0.06005$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0009	P	14.9
2	☐	0.200	0.256	103.34	0.0012	P	15.7
3	☐	2.000	2.537	322.23	0.0038	P	11.9
4	☐	500.000	511.867	48547.23	0.5780	P	1.4
5	☐	1250.000	1260.541	119163.08	1.4220	P	2.6
6	☐	2500.000	2521.518	235594.05	2.8435	P	2.6
7	☐	5000.000	5035.995	465858.20	5.6781	P	0.5
8	☐	10000.000	9974.712	897615.86	11.2456	P	1.0
9	☐			2177.97	0.0283	P	1.3

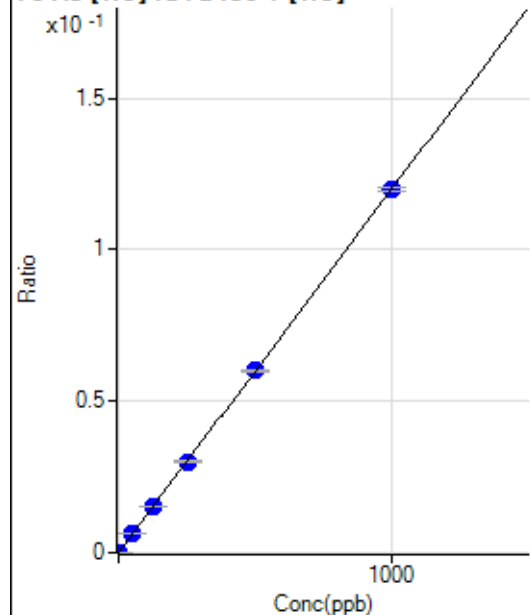
$$y = 0.0011 * x + 9.2947E-004$$

$$R = 1.0000$$

$$DL = 0.3685$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.67	0.0000	P	24.9
2	☒	0.100					
3	☐	1.000	1.042	79.34	0.0001	P	17.1
4	☐	50.000	51.058	3499.12	0.0061	P	2.0
5	☐	125.000	126.520	8565.13	0.0152	P	1.8
6	☐	250.000	249.881	16929.47	0.0300	P	2.7
7	☐	500.000	502.104	33542.25	0.0602	P	1.3
8	☐	1000.000	998.735	65251.94	0.1197	P	0.9
9	☐			30.67	0.0001	P	16.1

$$y = 1.1988E-004 * x + 1.5161E-005$$

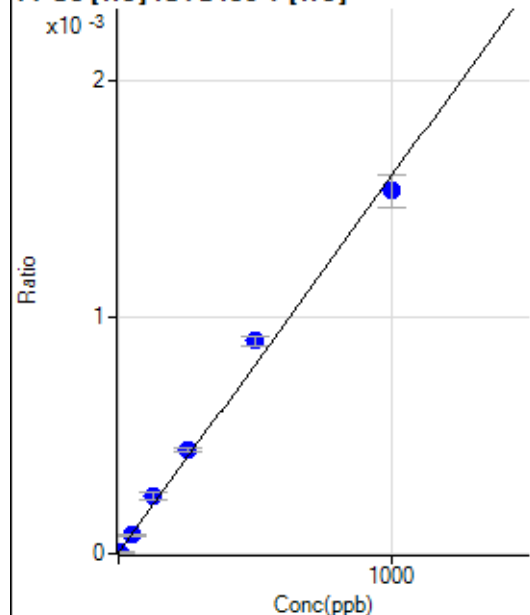
$$R = 1.0000$$

$$DL = 0.09454$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500	3.702	5.56	0.0000	P	35.7
3	☐	5.000	0.033	2.22	0.0000	P	86.6
4	☐	50.000	46.592	44.45	0.0001	P	8.8
5	☐	125.000	148.637	135.56	0.0002	P	14.1
6	☐	250.000	272.188	246.67	0.0004	P	3.3
7	☐	500.000	561.860	500.02	0.0009	P	5.3
8	☐	1000.000	960.762	834.48	0.0015	P	8.9
9	☐			3.33	0.0000	P	1.0

$$y = 1.5901E-006 * x + 3.8578E-006$$

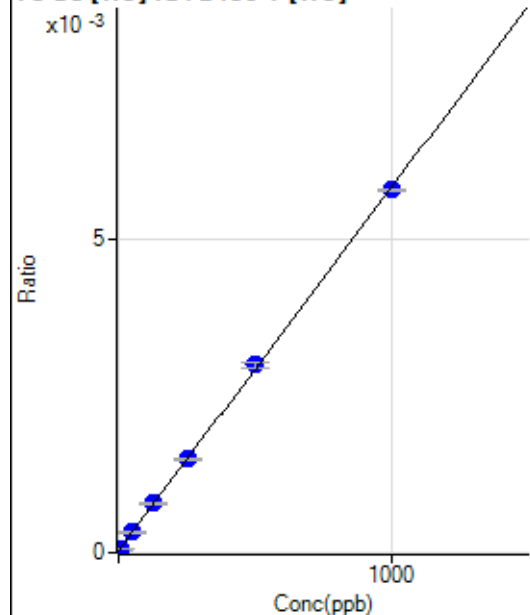
$$R = 0.9966$$

$$DL = 6.305$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.67	0.0000	P	39.6
2	☐	0.500	0.193	20.33	0.0000	P	28.6
3	☐	5.000	6.256	40.00	0.0001	P	15.4
4	☐	50.000	51.689	190.35	0.0003	P	8.2
5	☐	125.000	130.442	445.72	0.0008	P	2.9
6	☐	250.000	251.464	842.44	0.0015	P	2.4
7	☐	500.000	511.618	1670.60	0.0030	P	2.8
8	☐	1000.000	993.054	3154.01	0.0058	P	0.4
9	☐			21.00	0.0000	P	12.6

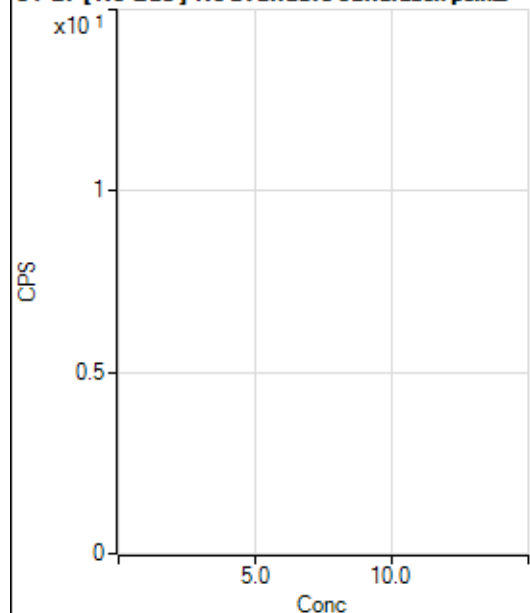
$$y = 5.7936E-006 * x + 3.4332E-005$$

$$R = 0.9999$$

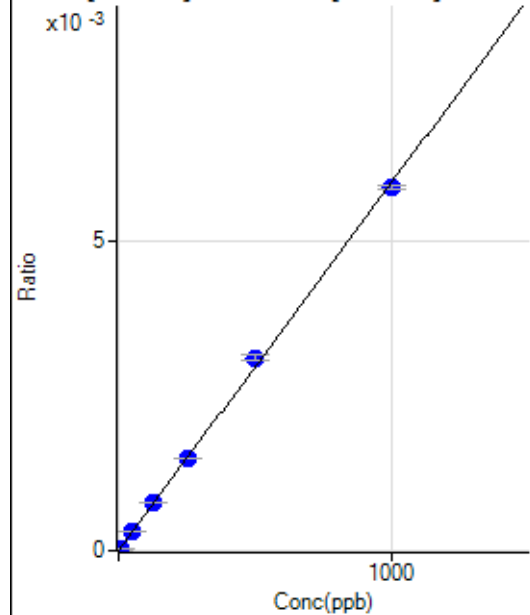
$$DL = 7.04$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1111.19		P	7.7
2	☐			1047.79		P	4.7
3	☐			1117.87		P	2.1
4	☐			1154.57		P	9.4
5	☐			1101.18		P	6.4
6	☐			1104.52		P	3.2
7	☐			971.04		P	9.8
8	☐			934.33		P	4.1
9	☐			1131.21		P	3.9

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-35.69	0.0000	P	-273.
2	☒	0.500					
3	☐	5.000	5.498	115.48	0.0000	P	57.2
4	☐	50.000	52.970	1428.65	0.0003	P	5.0
5	☐	125.000	130.705	3583.69	0.0008	P	1.4
6	☐	250.000	251.917	6976.31	0.0015	P	1.0
7	☐	500.000	524.577	14088.07	0.0031	P	3.5
8	☐	1000.000	986.368	27368.78	0.0059	P	1.3
9	☐			-65.36	0.0000	P	-207.

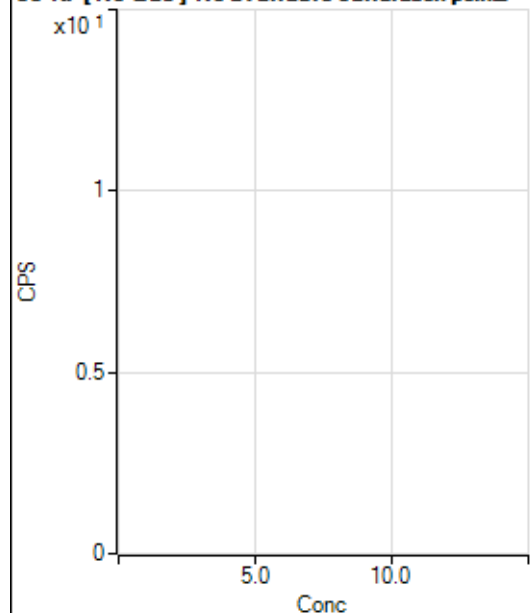
$$y = 5.9419\text{E-}006 * x - 7.8350\text{E-}006$$

$$R = 0.9995$$

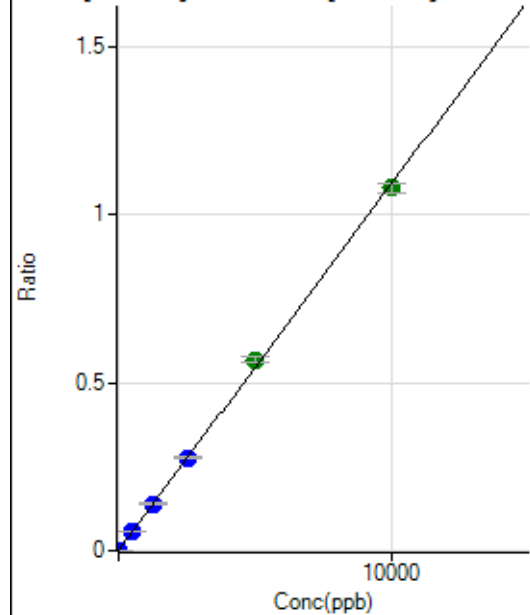
$$DL = 10.84$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1445.65		P	5.8
2	☐			1356.75		P	2.2
3	☐			1446.75		P	2.0
4	☐			1407.86		P	5.5
5	☐			1375.64		P	3.0
6	☐			1416.75		P	5.3
7	☐			1405.64		P	4.9
8	☐			1382.31		P	2.9
9	☐			1404.53		P	8.0

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2194.66	0.0005	P	4.6
2	☐	0.100	0.081	2244.69	0.0005	P	7.4
3	☐	1.000	1.197	2789.24	0.0006	P	2.6
4	☐	500.000	514.560	263946.95	0.0567	P	2.1
5	☐	1250.000	1268.471	648504.23	0.1391	P	2.1
6	☐	2500.000	2531.855	1298767.82	0.2772	P	2.0
7	☐	5000.000	5205.485	2580923.52	0.5695	A	2.6
8	☐	10000.000	9886.257	5054965.52	1.0811	A	2.3
9	☐			3544.99	0.0008	P	3.6

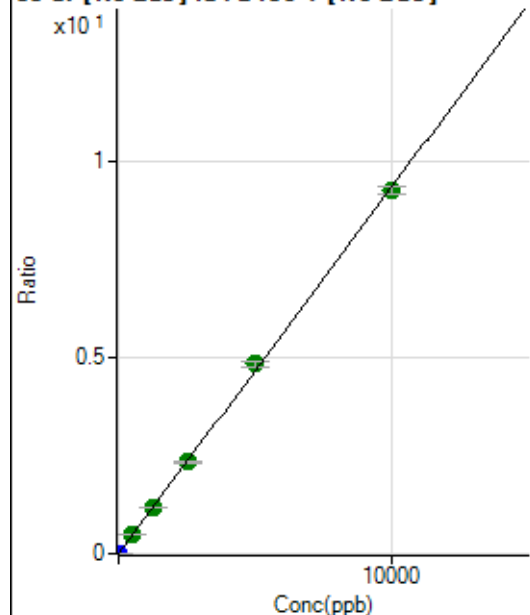
$$y = 1.0931E-004 * x + 4.7326E-004$$

$$R = 0.9997$$

$$DL = 0.5974$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	36.1
2	☐	0.100	0.102	511.13	0.0001	P	13.6
3	☐	1.000	1.005	4398.02	0.0010	P	3.4
4	☐	500.000	512.122	2226103.93	0.4783	A	1.4
5	☐	1250.000	1264.431	5505026.29	1.1810	A	1.8
6	☐	2500.000	2507.979	10974531.6	2.3425	A	1.5
7	☐	5000.000	5184.933	21948345.4	4.8428	A	2.7
8	☐	10000.000	9903.129	43250863.1	9.2497	A	2.2
9	☐			12380.82	0.0027	P	2.0

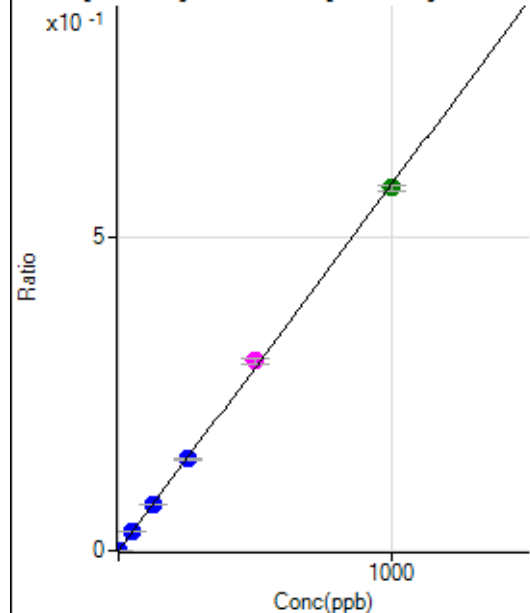
$$y = 9.3401\text{E-}004 * x + 1.4955\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01735$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	291.68	0.0001	P	18.7
2	☐	0.100	0.092	541.69	0.0001	P	9.8
3	☐	1.000	1.040	3094.87	0.0007	P	5.5
4	☐	50.000	50.518	137871.14	0.0296	P	2.0
5	☐	125.000	126.050	344105.86	0.0738	P	2.4
6	☐	250.000	250.880	688071.56	0.1469	P	1.9
7	☐	500.000	517.423	1372549.21	0.3028	M	2.7
8	☐	1000.000	990.912	2711758.48	0.5799	A	1.9
9	☐			688.93	0.0002	P	20.2

$$y = 5.8517\text{E-}004 * x + 6.2795\text{E-}005$$

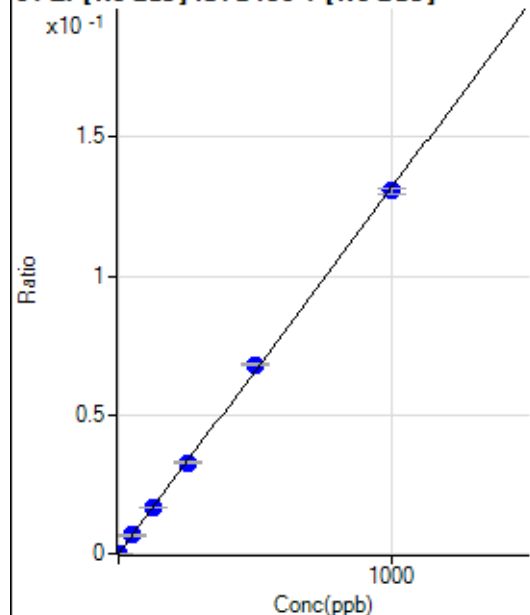
$$R = 0.9998$$

$$DL = 0.06007$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	31.2
2	☐	0.100	0.031	116.67	0.0000	P	19.2
3	☐	1.000	0.975	688.92	0.0001	P	6.6
4	☐	50.000	50.088	30787.40	0.0066	P	1.6
5	☐	125.000	125.449	77088.38	0.0165	P	1.0
6	☐	250.000	247.382	152683.61	0.0326	P	2.1
7	☐	500.000	517.458	308930.38	0.0681	P	1.7
8	☐	1000.000	991.865	610747.02	0.1306	P	1.6
9	☐			166.67	0.0000	P	6.2

$$y = 1.3166\text{E-}004 * x + 2.1010\text{E-}005$$

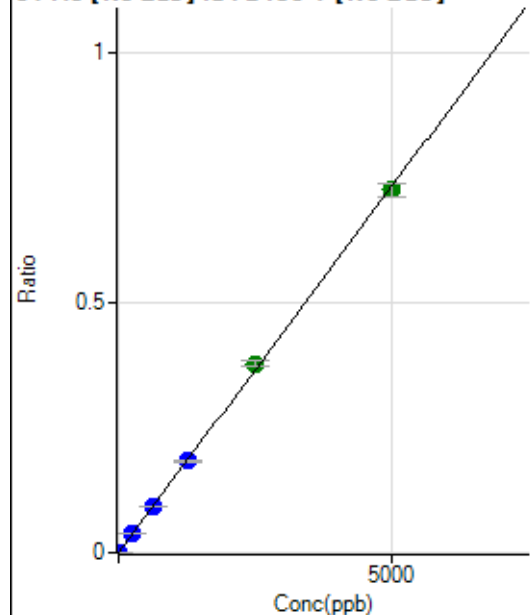
$$R = 0.9998$$

$$DL = 0.1491$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	40.3
2	☐	0.500	0.476	441.69	0.0001	P	5.4
3	☐	5.000	5.235	3650.58	0.0008	P	3.5
4	☐	250.000	254.676	173456.33	0.0373	P	3.2
5	☐	625.000	630.821	430191.96	0.0923	P	2.2
6	☐	1250.000	1248.385	855514.57	0.1826	P	2.5
7	☐	2500.000	2583.921	1713160.61	0.3780	A	2.4
8	☐	5000.000	4957.481	3390072.69	0.7251	A	3.4
9	☐			941.73	0.0002	P	16.3

$$y = 1.4626\text{E-}004 * x + 2.5175\text{E-}005$$

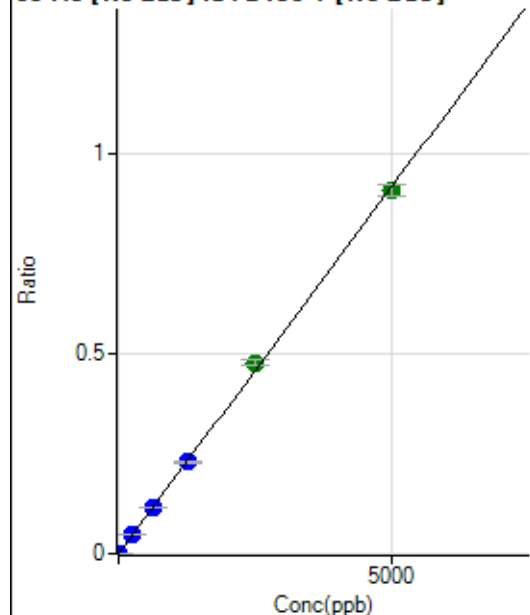
$$R = 0.9998$$

$$DL = 0.2081$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.0
2	☐	0.500	0.505	444.46	0.0001	P	9.7
3	☐	5.000	4.996	4239.66	0.0009	P	3.4
4	☐	250.000	256.001	218370.30	0.0469	P	2.0
5	☐	625.000	629.918	538172.13	0.1155	P	2.4
6	☐	1250.000	1248.224	1071723.48	0.2288	P	3.3
7	☐	2500.000	2603.961	2162789.54	0.4773	A	3.1
8	☐	5000.000	4947.549	4239752.57	0.9068	A	3.1
9	☐			1469.56	0.0003	P	10.4

$$y = 1.8328\text{E-}004 * x + 2.9877\text{E-}006$$

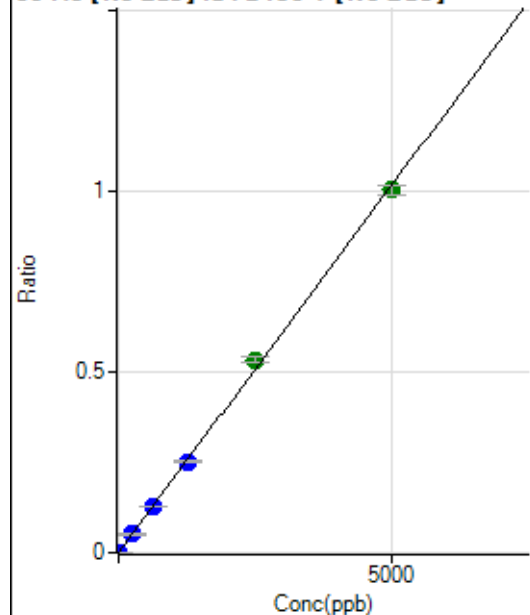
$$R = 0.9997$$

$$DL = 0.01661$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	67.2
2	☐	0.500	0.452	461.14	0.0001	P	15.0
3	☐	5.000	4.938	4662.02	0.0010	P	3.8
4	☐	250.000	250.727	237161.08	0.0510	P	1.7
5	☐	625.000	628.427	595321.03	0.1277	P	2.8
6	☐	1250.000	1239.244	1179868.89	0.2519	P	2.4
7	☐	2500.000	2623.559	2416191.50	0.5332	A	3.1
8	☐	5000.000	4940.445	4693973.41	1.0040	A	2.9
9	☐			1805.73	0.0004	P	2.9

$$y = 2.0323\text{E-}004 * x + 7.2132\text{E-}006$$

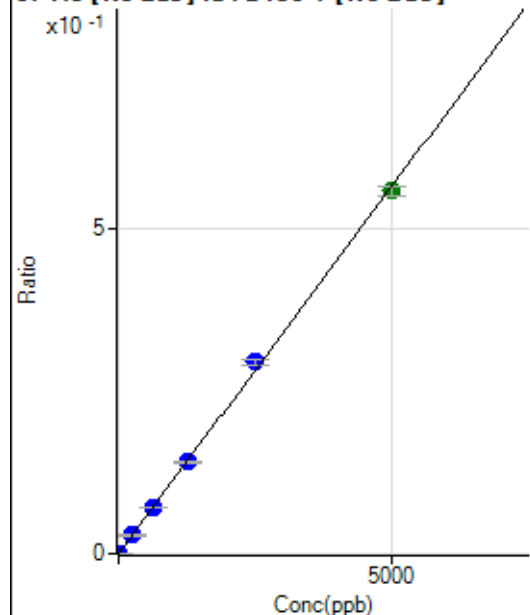
$$R = 0.9996$$

$$DL = 0.07152$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.500	0.401	216.68	0.0000	P	25.7
3	☐	5.000	4.960	2591.98	0.0006	P	3.3
4	☐	250.000	249.903	131476.83	0.0283	P	2.2
5	☐	625.000	629.762	331863.70	0.0712	P	2.0
6	☐	1250.000	1251.893	663038.53	0.1415	P	1.8
7	☐	2500.000	2610.502	1337337.68	0.2951	P	3.1
8	☐	5000.000	4943.685	2613151.36	0.5589	A	2.9
9	☐			811.16	0.0002	P	11.0

$$y = 1.1305\text{E-}004 * x + 1.1967\text{E-}006$$

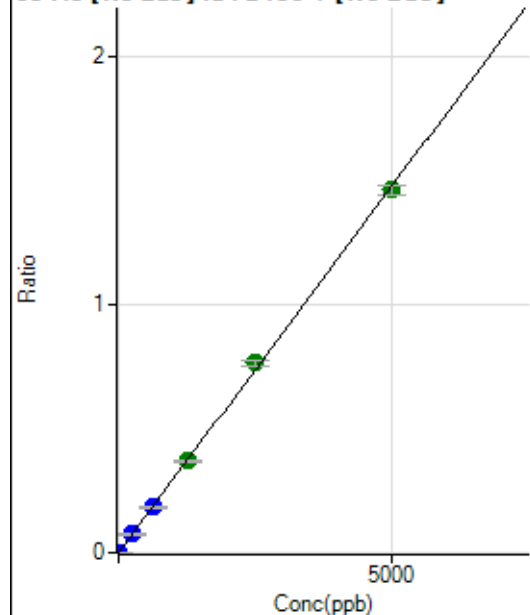
$$R = 0.9997$$

$$DL = 0.02751$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.500	0.449	622.26	0.0001	P	9.8
3	☐	5.000	4.946	6735.14	0.0015	P	1.7
4	☐	250.000	250.833	344137.08	0.0739	P	1.5
5	☐	625.000	618.981	850567.18	0.1825	P	1.6
6	☐	1250.000	1251.262	1727941.18	0.3689	A	3.3
7	☐	2500.000	2588.704	3458774.95	0.7631	A	2.5
8	☐	5000.000	4956.043	6830790.26	1.4610	A	2.6
9	☐			2169.67	0.0005	P	7.9

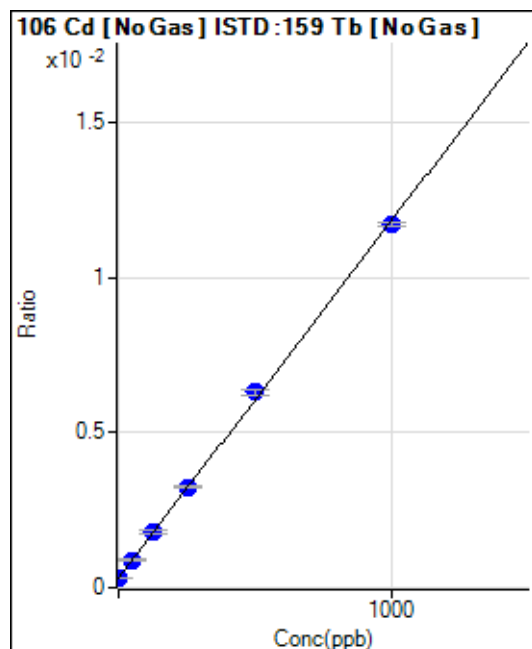
$$y = 2.9480\text{E-}004 * x + 1.1967\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01055$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1008.40	0.0003	P	6.4
2	☐	0.100	1.419	1047.29	0.0003	P	8.7
3	☐	1.000	0.388	1022.29	0.0003	P	4.4
4	☐	50.000	50.781	2961.52	0.0009	P	5.0
5	☐	125.000	129.192	5987.59	0.0018	P	4.3
6	☐	250.000	254.858	10879.60	0.0032	P	1.5
7	☐	500.000	519.738	20813.47	0.0063	P	3.3
8	☐	1000.000	988.354	40412.57	0.0117	P	1.1
9	☐			963.95	0.0003	P	9.0

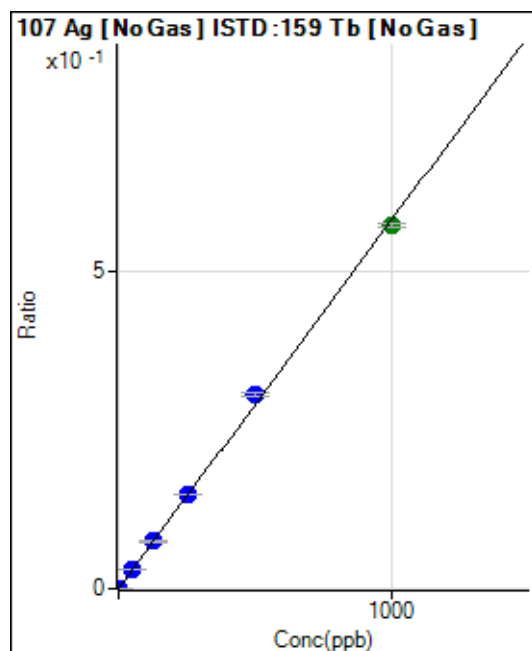
$$y = 1.1527\text{E-}005 * x + 3.0606\text{E-}004$$

$$R = 0.9997$$

$$DL = 5.08$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.3
2	☐	0.100	0.074	161.12	0.0000	P	24.3
3	☐	1.000	0.884	1708.48	0.0005	P	14.4
4	☐	50.000	51.439	99088.92	0.0298	P	3.5
5	☐	125.000	129.194	249770.64	0.0749	P	2.8
6	☐	250.000	255.853	497604.92	0.1484	P	1.1
7	☐	500.000	526.892	1009342.86	0.3055	P	1.1
8	☐	1000.000	984.494	1971776.15	0.5708	A	1.0
9	☐			650.04	0.0002	P	10.4

$$y = 5.7982\text{E-}004 * x + 6.7505\text{E-}006$$

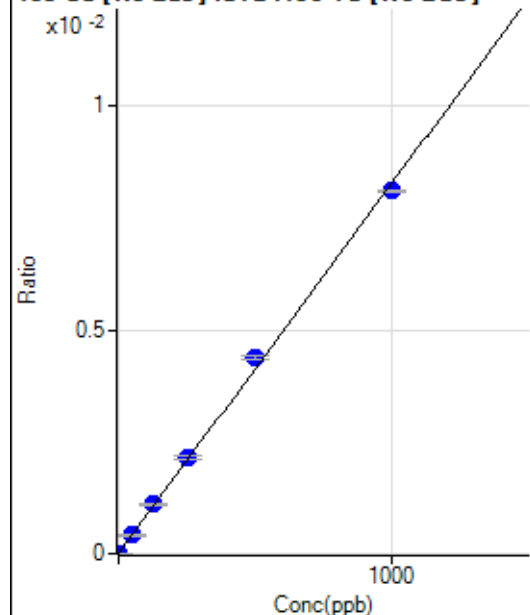
$$R = 0.9995$$

$$DL = 0.02003$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.05	0.0000	P	26.7
2	☐	0.100	0.112	20.83	0.0000	P	103.8
3	☐	1.000	1.329	54.17	0.0000	P	47.0
4	☐	50.000	50.091	1393.15	0.0004	P	14.0
5	☐	125.000	133.450	3699.15	0.0011	P	2.6
6	☐	250.000	261.408	7267.27	0.0022	P	3.8
7	☐	500.000	530.694	14511.91	0.0044	P	2.3
8	☐	1000.000	980.740	28028.53	0.0081	P	0.7
9	☐			36.11	0.0000	P	19.2

$$y = 8.2681\text{E-}006 * x + 5.4796\text{E-}006$$

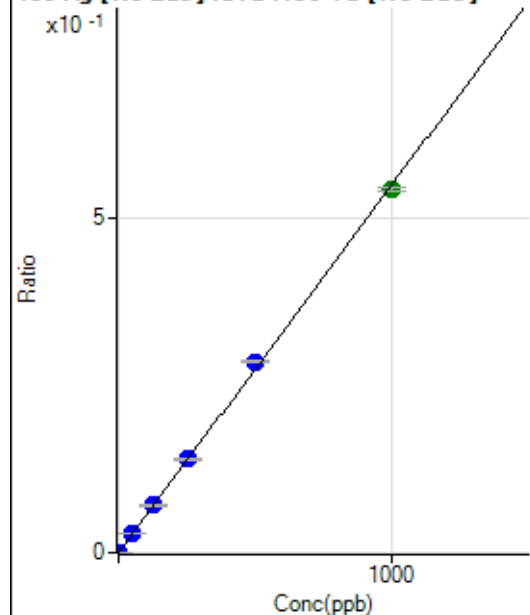
$$R = 0.9992$$

$$DL = 0.5306$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.4
2	☐	0.100	0.053	105.56	0.0000	P	11.9
3	☐	1.000	1.007	1830.73	0.0006	P	13.7
4	☐	50.000	51.934	94730.43	0.0285	P	3.9
5	☐	125.000	129.230	236602.27	0.0710	P	2.6
6	☐	250.000	256.133	471748.97	0.1406	P	2.0
7	☐	500.000	519.861	943111.06	0.2855	P	0.7
8	☐	1000.000	987.911	1874015.78	0.5425	A	1.2
9	☐			655.59	0.0002	P	6.8

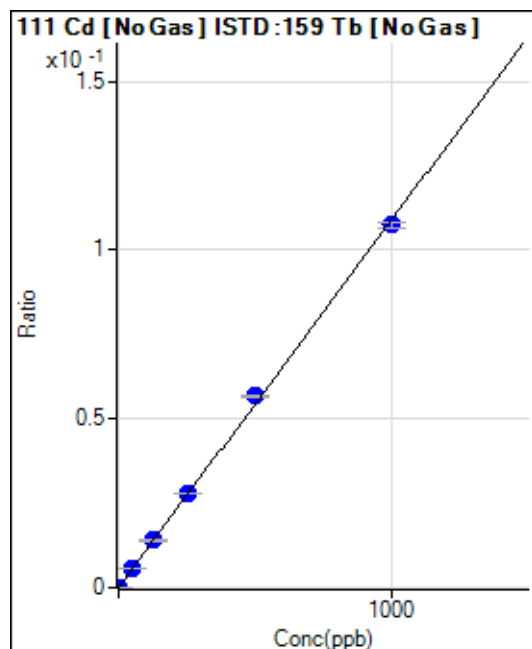
$$y = 5.4911\text{E-}004 * x + 3.3744\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.02109$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.76	0.0000	P	16.9
2	☒	0.100					
3	☐	1.000	1.023	460.16	0.0001	P	10.8
4	☐	50.000	51.990	18891.90	0.0057	P	2.0
5	☐	125.000	128.727	46798.25	0.0140	P	4.7
6	☐	250.000	255.158	93257.77	0.0278	P	1.3
7	☐	500.000	522.440	187958.47	0.0569	P	1.0
8	☐	1000.000	986.925	371205.59	0.1075	P	1.6
9	☐			197.51	0.0001	P	16.1

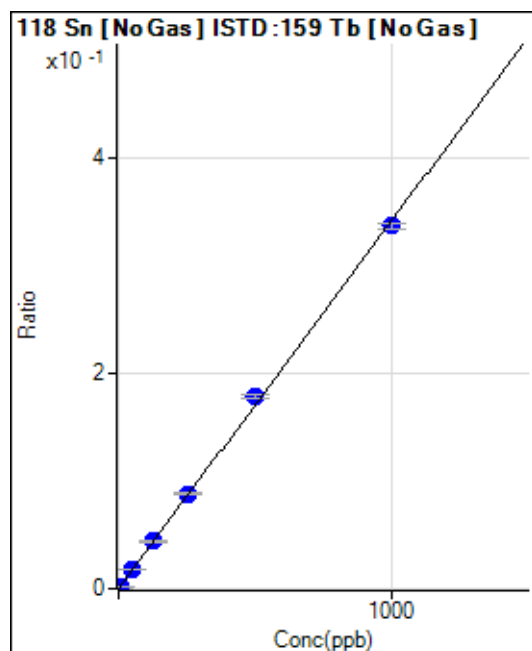
$$y = 1.0884\text{E-}004 * x + 2.8459\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.1329$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	50.2
2	☐	0.500	0.530	677.81	0.0002	P	3.0
3	☐	5.000	5.339	6095.96	0.0019	P	3.3
4	☐	50.000	51.599	58642.93	0.0177	P	1.2
5	☐	125.000	128.365	146292.94	0.0439	P	2.5
6	☐	250.000	257.317	294900.63	0.0879	P	2.6
7	☐	500.000	522.027	589238.87	0.1783	P	1.4
8	☐	1000.000	986.655	1164416.99	0.3371	P	1.3
9	☐			836.17	0.0002	P	5.3

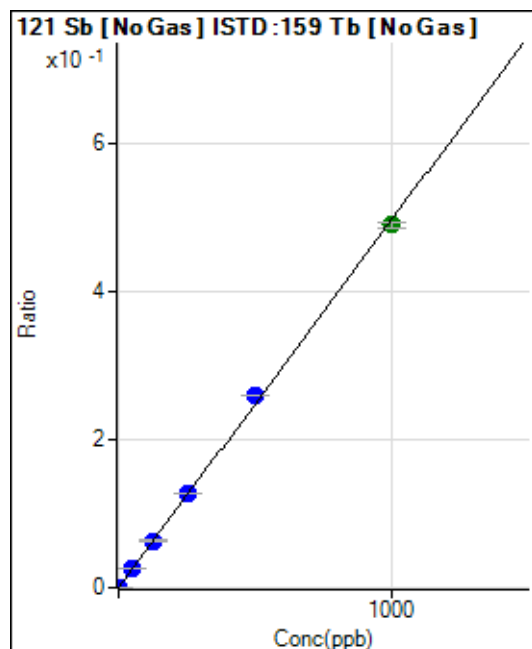
$$y = 3.4159\text{E-}004 * x + 2.7779\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.1225$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.3
2	☐	0.200	0.197	347.23	0.0001	P	10.9
3	☐	2.000	2.105	3469.99	0.0011	P	9.1
4	☐	50.000	51.691	85262.59	0.0257	P	1.3
5	☐	125.000	127.943	211761.36	0.0635	P	3.6
6	☐	250.000	256.619	427291.32	0.1274	P	1.1
7	☐	500.000	522.077	856229.22	0.2592	P	0.5
8	☐	1000.000	986.854	1692289.62	0.4899	A	1.5
9	☐			1339.00	0.0004	P	10.7

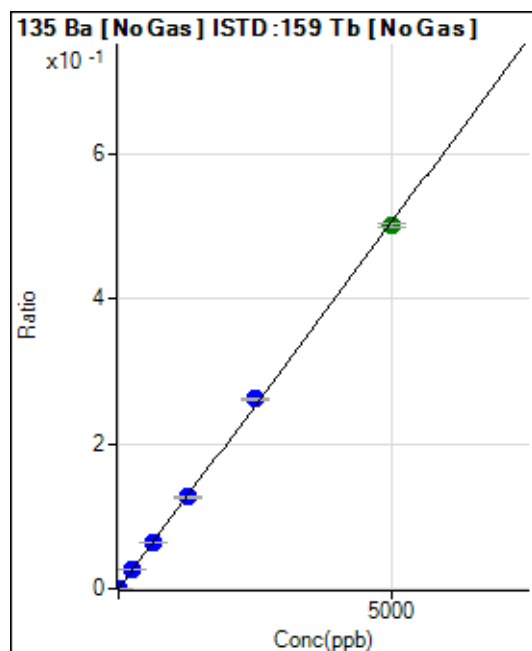
$$y = 4.9638\text{E-}004 * x + 9.2616\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.02311$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.2
2	☐	1.000	1.116	375.01	0.0001	P	9.0
3	☐	10.000	10.311	3442.20	0.0010	P	2.7
4	☐	250.000	256.092	86064.41	0.0259	P	1.9
5	☐	625.000	629.968	212476.26	0.0637	P	2.9
6	☐	1250.000	1250.047	424232.14	0.1265	P	0.6
7	☐	2500.000	2595.168	867322.63	0.2625	P	1.2
8	☐	5000.000	4951.478	1730233.72	0.5009	A	1.1
9	☐			647.25	0.0002	P	4.5

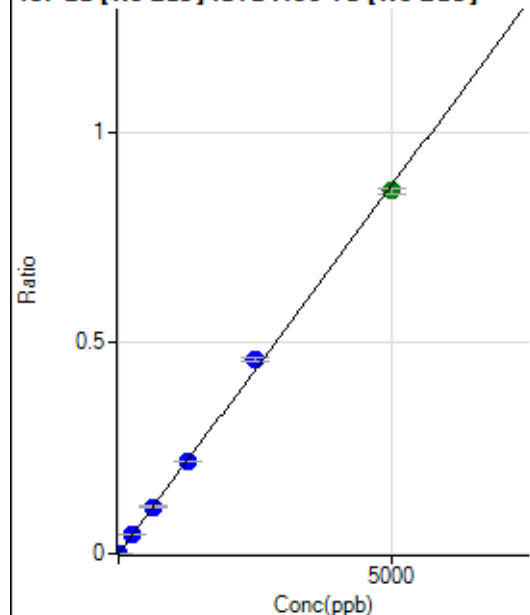
$$y = 1.0116\text{E-}004 * x + 2.5371\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.07539$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.5
2	☐	1.000	1.205	691.70	0.0002	P	12.6
3	☐	10.000	10.801	6218.29	0.0019	P	4.3
4	☐	250.000	253.266	146931.63	0.0442	P	1.9
5	☐	625.000	632.924	368546.94	0.1105	P	2.9
6	☐	1250.000	1259.413	737733.39	0.2199	P	1.0
7	☐	2500.000	2633.913	1519693.84	0.4600	P	1.6
8	☐	5000.000	4929.535	2973923.74	0.8609	A	1.8
9	☐			1088.96	0.0003	P	4.1

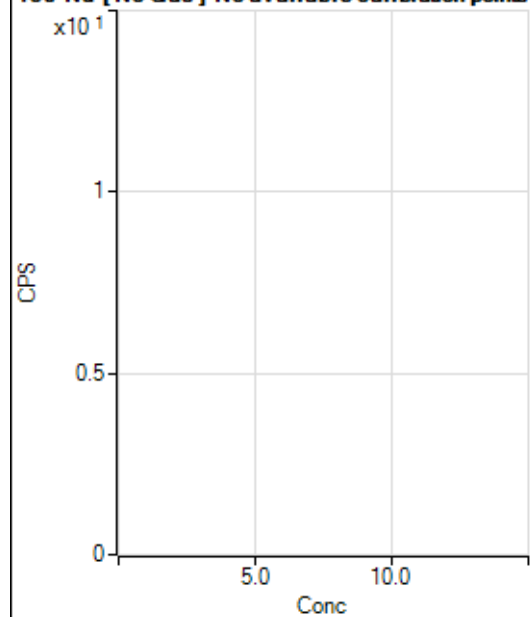
$$y = 1.7464\text{E-}004 * x + 2.5281\text{E-}006$$

$$R = 0.9995$$

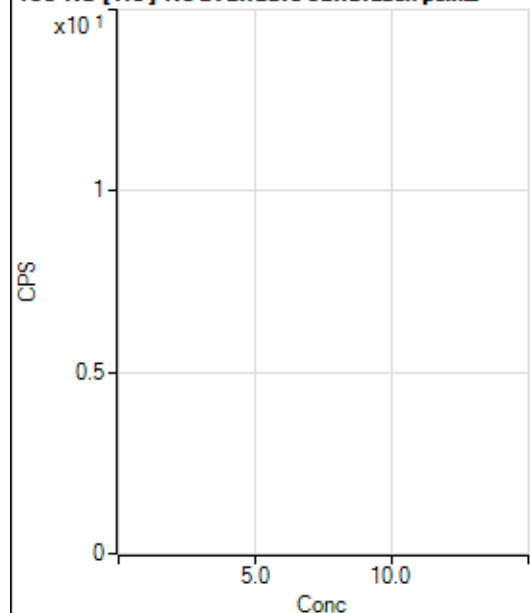
$$DL = 0.0002055$$

Weight: <None>

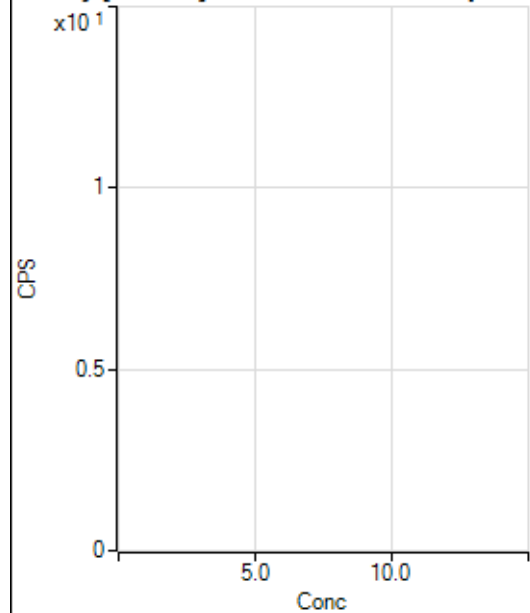
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

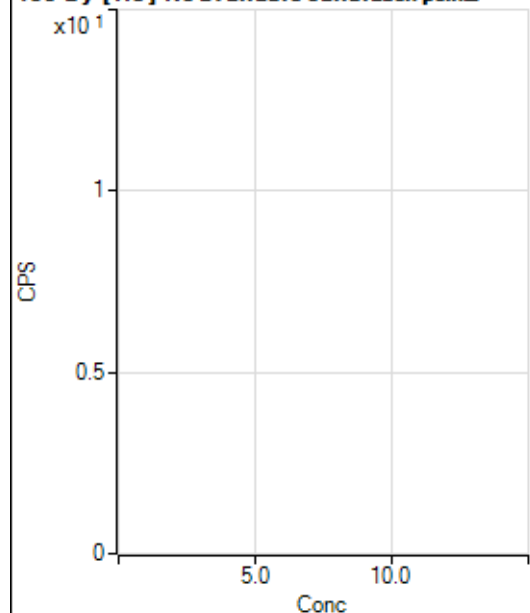
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			11.11		P	124.9
4	☐			24.45		P	15.8
5	☐			13.33		P	50.0
6	☐			24.45		P	68.6
7	☐			31.11		P	75.2
8	☐			66.67		P	34.6
9	☐			15.56		P	89.2

150 Nd [He] No available calibration points

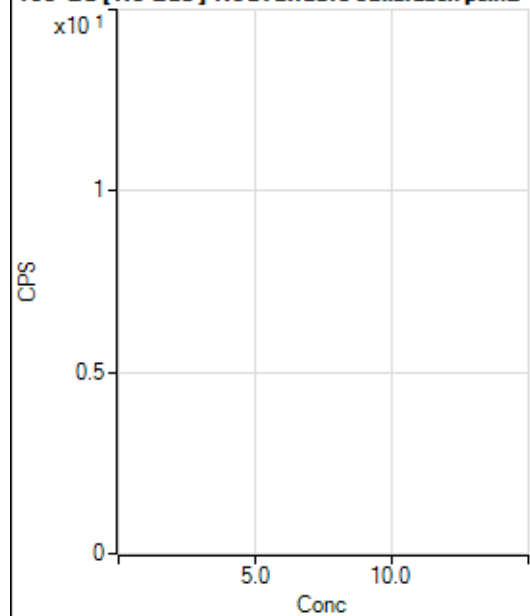
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			2.22		P	86.6
7	☐			0.00		P	
8	☐			2.22		P	86.6
9	☐			2.22		P	86.6

156 Dy [No Gas] No available calibration points

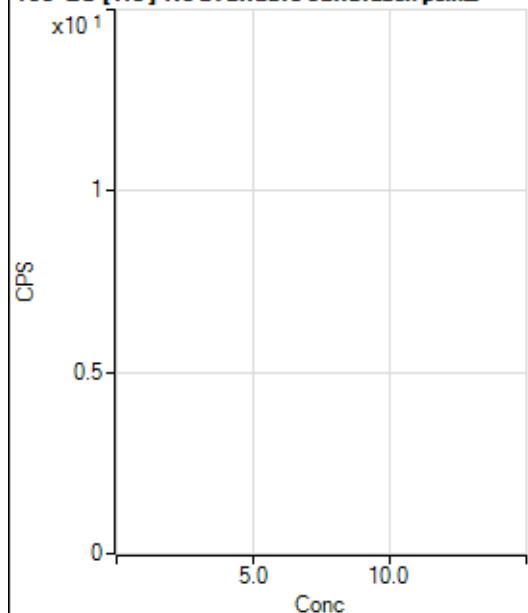
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐			2.78		P	173.2
3	☐			8.33		P	100.0
4	☐			13.89		P	69.3
5	☐			8.33		P	100.0
6	☐			30.56		P	31.5
7	☐			33.33		P	25.0
8	☐			122.23		P	27.6
9	☐			358.35		P	14.5

156 Dy [He] No available calibration points

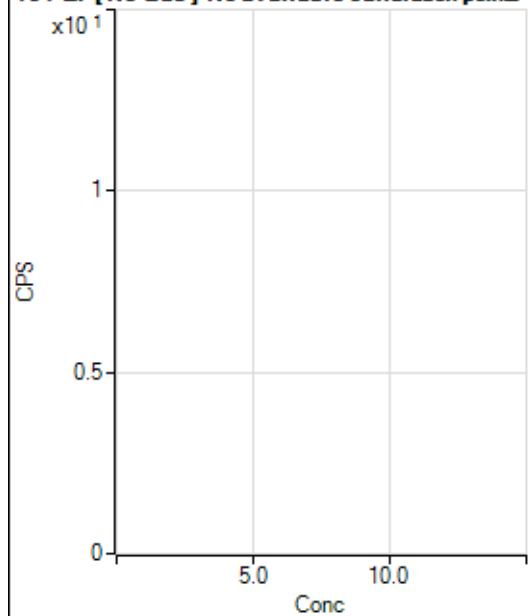
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			0.00		P	
4	☐			6.67		P	100.0
5	☐			6.67		P	50.0
6	☐			14.44		P	35.3
7	☐			11.11		P	34.6
8	☐			38.89		P	26.2
9	☐			225.56		P	26.3

160 Gd [No Gas] Noavailable calibration poin_

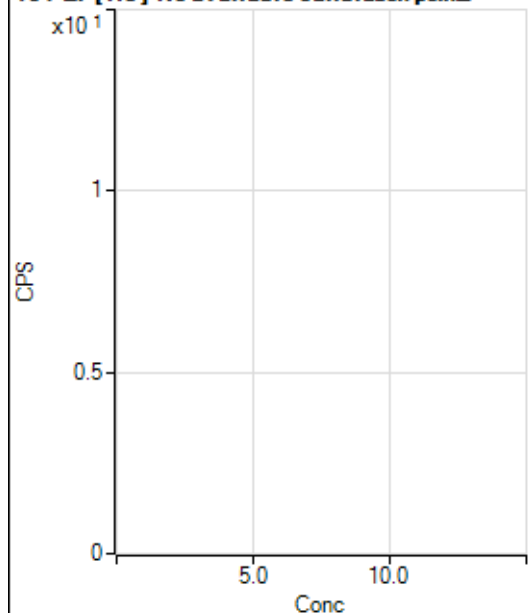
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			27.78		P	17.3
2	☐			25.00		P	33.3
3	☐			22.22		P	43.3
4	☐			33.33		P	43.3
5	☐			30.56		P	56.8
6	☐			50.00		P	44.1
7	☐			63.89		P	64.3
8	☐			88.89		P	63.8
9	☐			430.57		P	4.0

160 Gd [He] No available calibration points

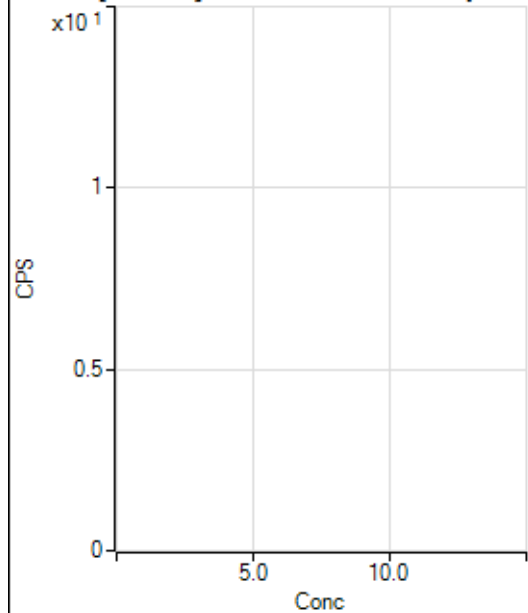
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			6.67		P	50.0
3	☐			14.44		P	35.3
4	☐			13.33		P	43.3
5	☐			16.67		P	52.9
6	☐			17.78		P	39.0
7	☐			42.22		P	12.1
8	☐			67.78		P	28.0
9	☐			255.56		P	9.4

164 Er [No Gas] No available calibration points

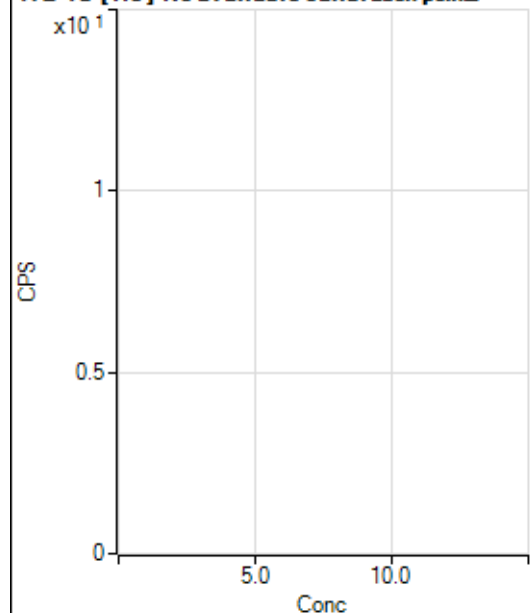
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐			13.89		P	34.7
3	☐			27.78		P	62.5
4	☐			36.11		P	26.7
5	☐			19.45		P	24.7
6	☐			33.34		P	43.3
7	☐			33.33		P	0.0
8	☐			25.00		P	57.7
9	☐			63.89		P	32.8

164 Er [He] No available calibration points

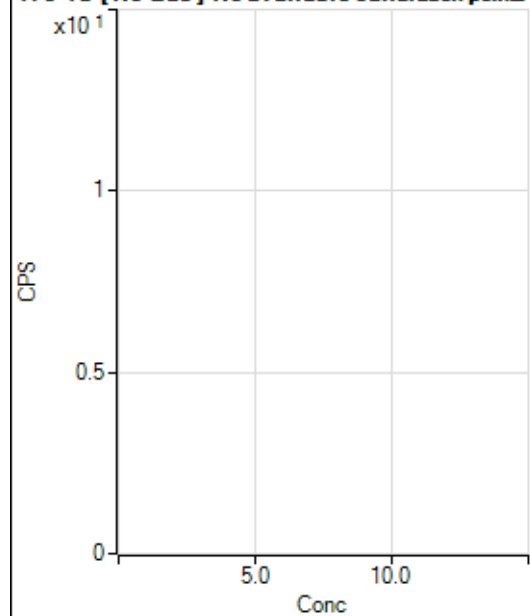
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			13.33		P	43.3
3	☐			10.00		P	33.3
4	☐			15.55		P	24.8
5	☐			13.33		P	66.1
6	☐			12.22		P	56.8
7	☐			14.45		P	48.0
8	☐			16.67		P	40.0
9	☐			22.22		P	17.3

172 Yb [No Gas] No available calibration points

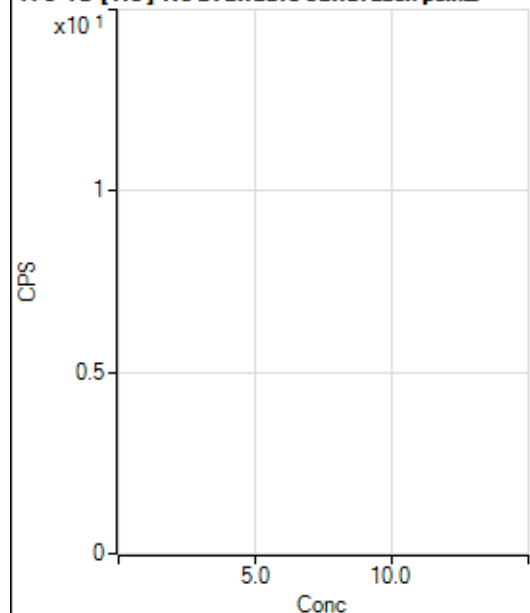
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			8.33		P	100.0
3	☐			19.44		P	65.5
4	☐			16.67		P	NaN
5	☐			13.89		P	69.3
6	☐			13.89		P	34.7
7	☐			8.33		P	0.0
8	☐			22.22		P	57.3
9	☐			22.22		P	57.3

172 Yb [He] No available calibration points

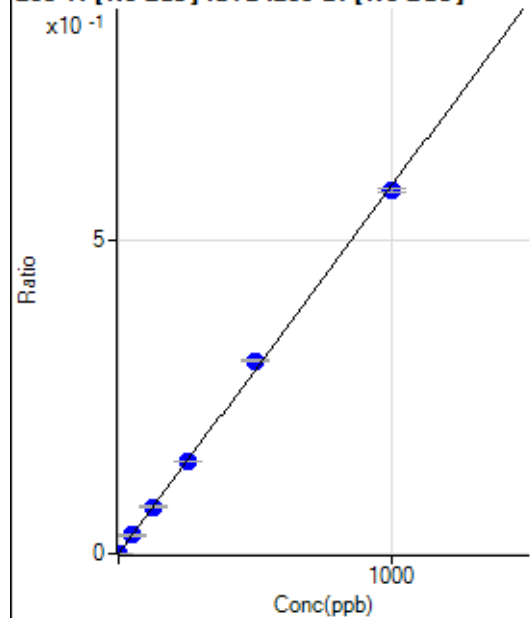
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.71		P	86.6
2	☐			5.56		P	100.0
3	☐			3.71		P	86.6
4	☐			7.41		P	43.2
5	☐			5.56		P	100.0
6	☐			14.82		P	78.1
7	☐			9.26		P	124.9
8	☐			9.26		P	124.9
9	☐			12.96		P	24.8

176 Yb [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			361.13		P	13.5
2	☐			372.24		P	37.1
3	☐			377.80		P	6.7
4	☐			375.02		P	19.0
5	☐			400.02		P	11.0
6	☐			344.46		P	16.1
7	☐			316.68		P	13.2
8	☐			408.35		P	19.7
9	☐			383.35		P	20.7

176 Yb [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			279.64		P	12.8
2	☐			205.56		P	9.7
3	☐			194.45		P	2.9
4	☐			198.15		P	13.2
5	☐			168.53		P	19.9
6	☐			155.56		P	16.4
7	☐			157.41		P	8.9
8	☐			164.82		P	24.4
9	☐			205.56		P	10.8

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	77.9
2	☐	0.100	0.111	141.67	0.0001	P	27.9
3	☐	1.000	1.038	1169.53	0.0006	P	4.5
4	☐	50.000	49.708	55427.36	0.0292	P	0.8
5	☐	125.000	127.555	142176.02	0.0748	P	1.5
6	☐	250.000	252.257	282779.45	0.1480	P	1.0
7	☐	500.000	524.517	576522.07	0.3077	P	1.5
8	☐	1000.000	986.873	1150995.56	0.5789	P	1.1
9	☐			383.35	0.0002	P	20.2

$$y = 5.8661\text{E-}004 * x + 1.1696\text{E-}005$$

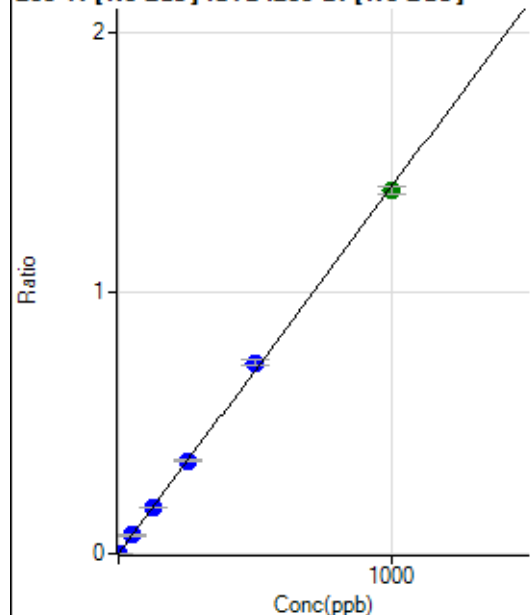
$$R = 0.9996$$

$$DL = 0.04662$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0001	P	38.3
2	☐	0.100	0.097	358.35	0.0002	P	20.7
3	☐	1.000	1.020	2814.29	0.0015	P	12.6
4	☐	50.000	49.806	133294.23	0.0701	P	0.5
5	☐	125.000	126.019	337028.41	0.1774	P	1.3
6	☐	250.000	253.936	682961.44	0.3574	P	1.1
7	☐	500.000	520.219	1371391.71	0.7322	P	3.1
8	☐	1000.000	988.789	2766718.31	1.3916	A	2.2
9	☐			994.51	0.0005	P	11.0

$$y = 0.0014 * x + 5.7016E-005$$

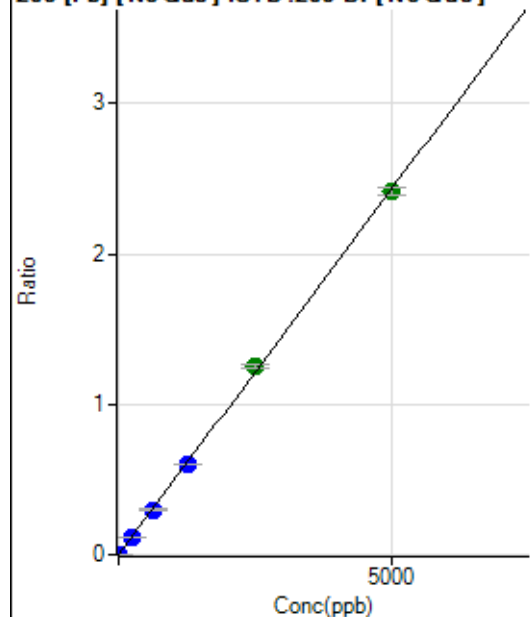
$$R = 0.9997$$

$$DL = 0.04658$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.93	0.0001	P	33.2
2	☐	0.100	0.116	225.93	0.0001	P	11.2
3	☐	1.000	1.082	1114.88	0.0006	P	10.8
4	☐	250.000	244.386	225902.25	0.1189	P	1.2
5	☐	625.000	611.315	564766.87	0.2973	P	2.7
6	☐	1250.000	1230.651	1143372.81	0.5984	P	0.8
7	☐	2500.000	2586.354	2355666.69	1.2575	A	2.3
8	☐	5000.000	4963.651	4798137.26	2.4133	A	2.1
9	☐			10042.94	0.0054	P	3.1

$$y = 4.8618E-004 * x + 6.6312E-005$$

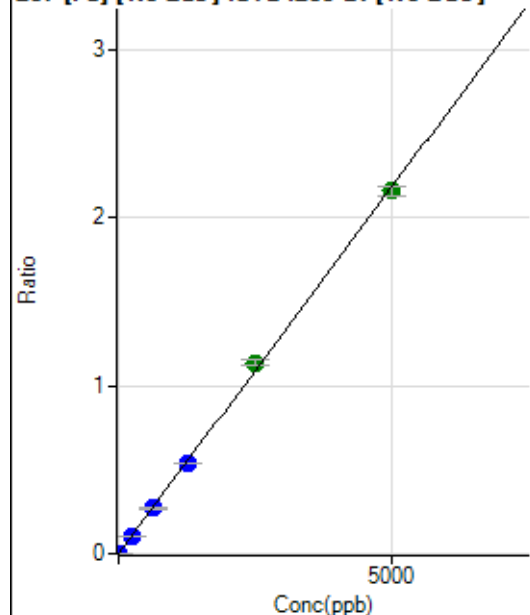
$$R = 0.9998$$

$$DL = 0.1357$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	137.04	0.0001	P	27.1
2	☐	0.100	0.092	207.41	0.0001	P	16.0
3	☐	1.000	1.031	983.39	0.0005	P	2.3
4	☐	250.000	245.802	203825.27	0.1073	P	1.2
5	☐	625.000	620.502	514227.79	0.2707	P	1.8
6	☐	1250.000	1227.046	1022501.33	0.5352	P	0.6
7	☐	2500.000	2609.492	2131466.48	1.1380	A	3.1
8	☐	5000.000	4951.765	4293451.05	2.1594	A	2.4
9	☐			8847.61	0.0047	P	3.3

$$y = 4.3608\text{E-}004 * x + 7.2166\text{E-}005$$

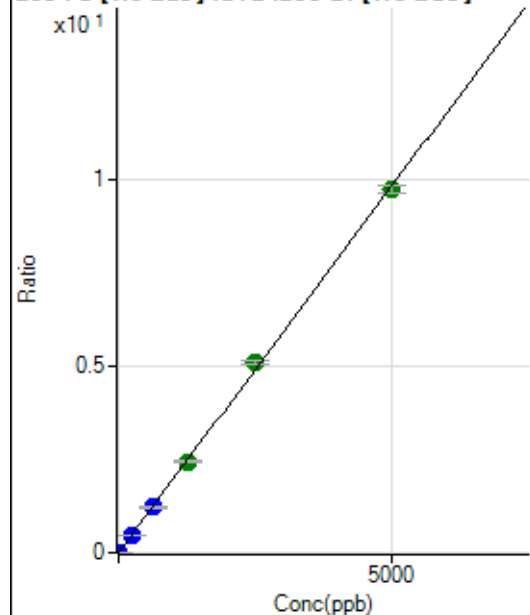
$$R = 0.9997$$

$$DL = 0.1344$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	579.64	0.0003	P	6.5
2	☐	0.100	0.109	955.59	0.0005	P	11.2
3	☐	1.000	1.041	4424.44	0.0023	P	2.3
4	☐	250.000	246.348	919049.91	0.4836	P	1.0
5	☐	625.000	618.668	2306722.48	1.2142	P	1.5
6	☐	1250.000	1245.142	4668255.58	2.4433	A	0.5
7	☐	2500.000	2600.094	9556970.85	5.1018	A	2.4
8	☐	5000.000	4952.142	19318595.0	9.7166	A	2.3
9	☐			40026.59	0.0215	P	4.7

$$y = 0.0020 * x + 3.0520\text{E-}004$$

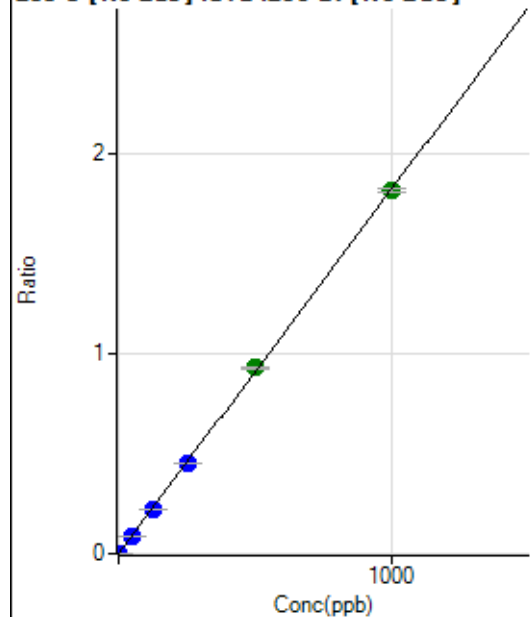
$$R = 0.9997$$

$$DL = 0.03036$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	0.100	0.100	336.13	0.0002	P	15.6
3	☐	1.000	1.017	3486.68	0.0019	P	4.9
4	☐	50.000	48.894	169006.71	0.0889	P	1.5
5	☐	125.000	122.902	424720.20	0.2236	P	1.5
6	☐	250.000	247.966	861832.43	0.4510	P	1.0
7	☐	500.000	510.036	1738276.47	0.9277	A	1.5
8	☐	1000.000	995.808	3601244.35	1.8113	A	1.2
9	☐			486.13	0.0003	P	2.7

$$y = 0.0018 * x + 1.4651E-006$$

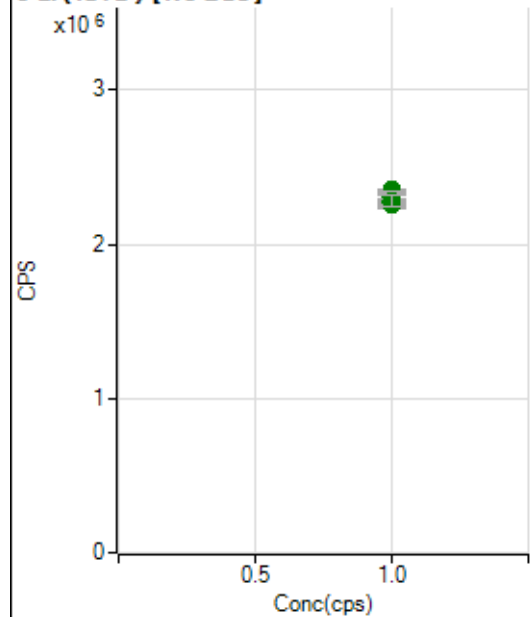
$$R = 0.9999$$

$$DL = 0.004185$$

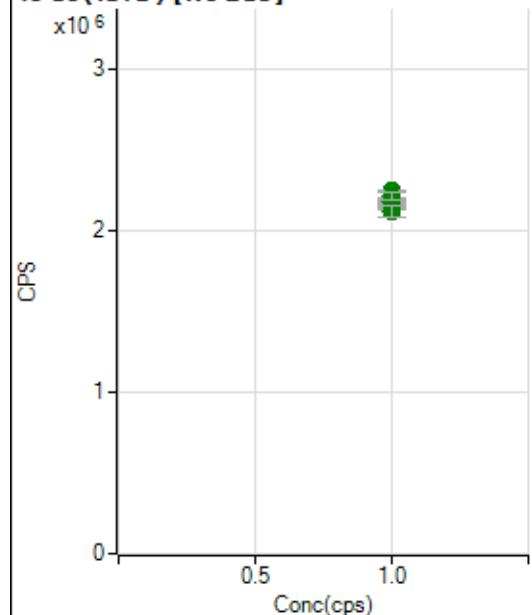
Weight: <None>

Min Conc: 0

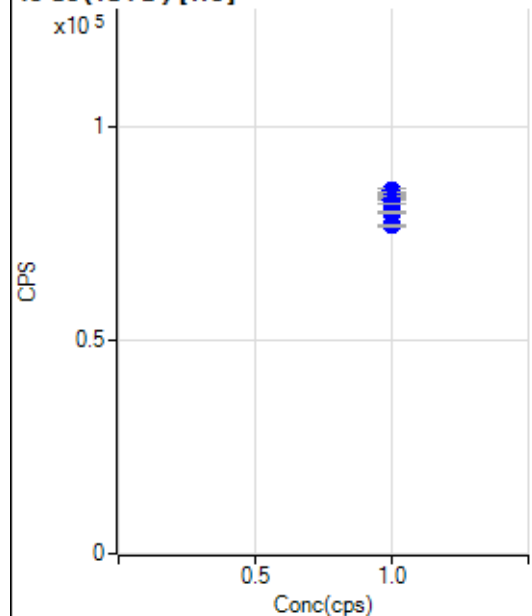
6 Li (ISTD) [No Gas]



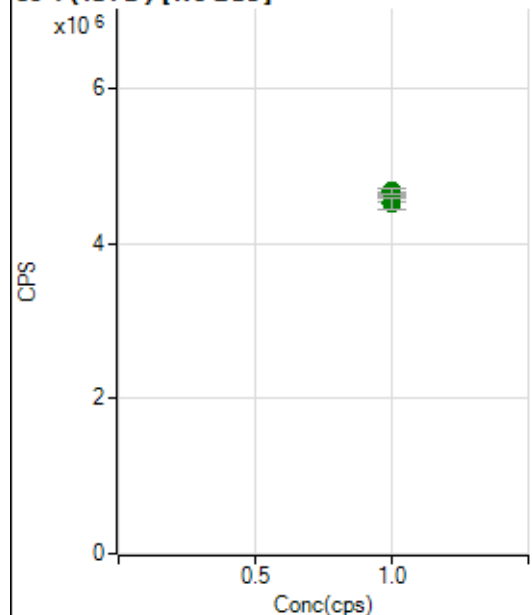
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2251123.72		A	1.7
2	☐	1.000		2266529.33		A	0.6
3	☐	1.000		2258649.16		A	0.6
4	☐	1.000		2321885.05		A	2.5
5	☐	1.000		2351486.00		A	0.1
6	☐	1.000		2301430.05		A	2.2
7	☐	1.000		2265965.94		A	2.3
8	☐	1.000		2338573.87		A	0.7
9	☐	1.000		2278756.38		A	3.0

45 Sc (ISTD) [No Gas]

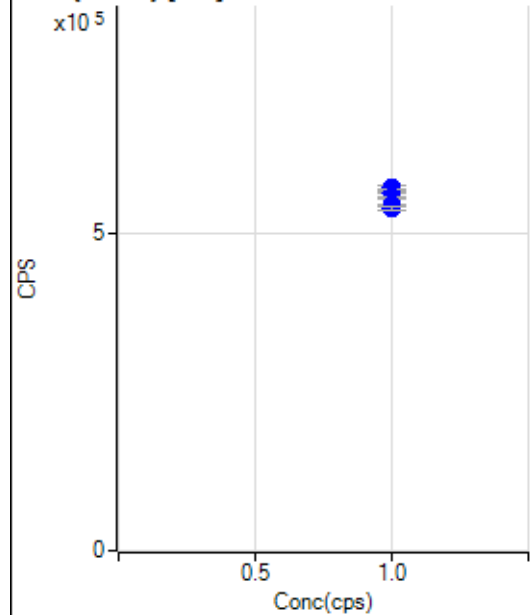
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2142964.66		A	0.8
2	☐	1.000		2147783.27		A	0.3
3	☐	1.000		2153121.08		A	1.8
4	☐	1.000		2180512.19		A	1.5
5	☐	1.000		2216848.09		A	1.6
6	☐	1.000		2193307.17		A	0.8
7	☐	1.000		2120579.31		A	3.4
8	☐	1.000		2243205.24		A	0.4
9	☐	1.000		2210728.92		A	2.1

45 Sc (ISTD) [He]

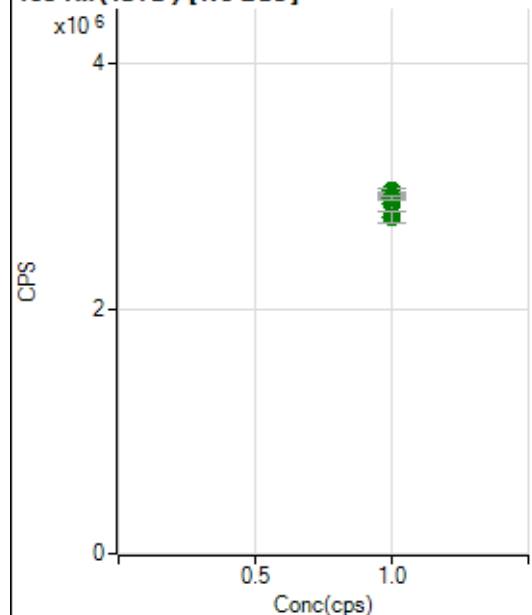
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		83556.53		P	1.5
2	☐	1.000		84782.53		P	1.4
3	☐	1.000		84948.05		P	1.2
4	☐	1.000		84001.34		P	0.7
5	☐	1.000		83817.91		P	1.6
6	☐	1.000		82884.86		P	2.2
7	☐	1.000		82044.69		P	0.2
8	☐	1.000		79822.34		P	0.7
9	☐	1.000		76885.17		P	0.6

89 Y (ISTD) [No Gas]

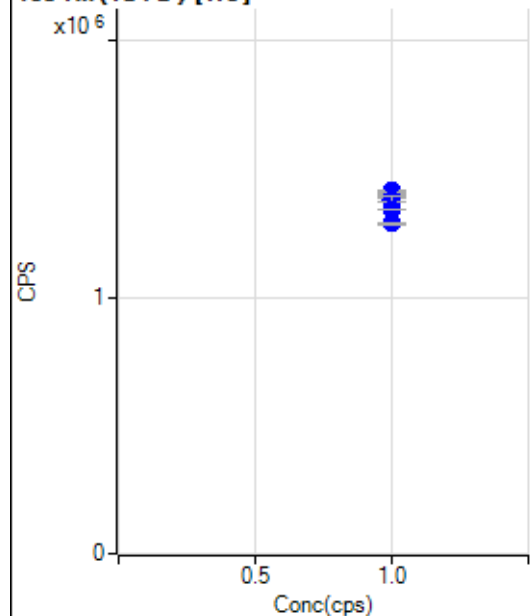
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4639001.46		A	1.2
2	☐	1.000		4656413.37		A	0.5
3	☐	1.000		4615323.26		A	2.6
4	☐	1.000		4654083.40		A	0.7
5	☐	1.000		4661572.29		A	0.5
6	☐	1.000		4685409.52		A	0.9
7	☐	1.000		4534760.28		A	3.4
8	☐	1.000		4676292.40		A	1.6
9	☐	1.000		4510742.19		A	3.3

89 Y (ISTD) [He]

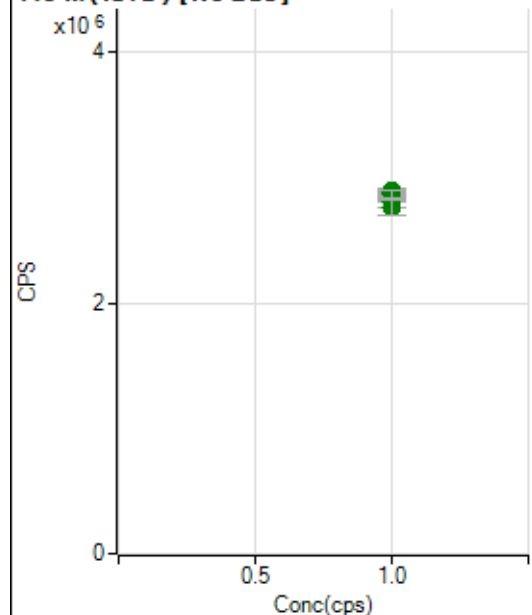
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		572574.49		P	1.5
2	☐	1.000		572055.79		P	1.4
3	☐	1.000		566867.89		P	0.5
4	☐	1.000		570292.74		P	0.3
5	☐	1.000		564176.51		P	0.4
6	☐	1.000		565086.11		P	2.1
7	☐	1.000		557147.50		P	0.6
8	☐	1.000		544948.08		P	0.5
9	☐	1.000		541124.42		P	1.0

103 Rh (ISTD) [No Gas]

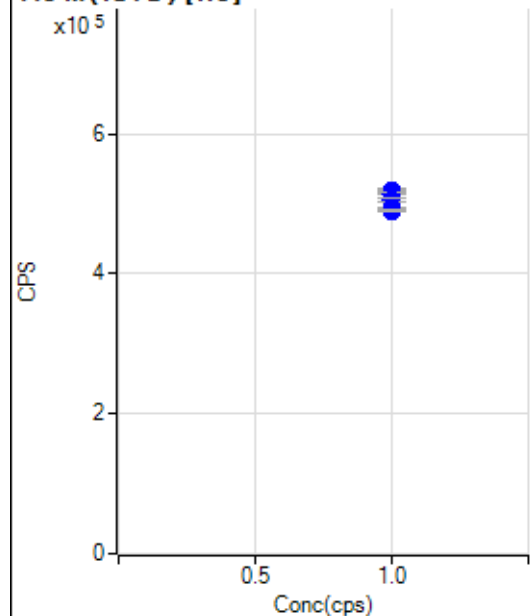
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2936359.13		A	1.5
2	☐	1.000		2912511.16		A	0.4
3	☐	1.000		2938430.12		A	0.7
4	☐	1.000		2935896.96		A	0.4
5	☐	1.000		2961661.89		A	1.1
6	☐	1.000		2925684.57		A	1.6
7	☐	1.000		2849319.88		A	3.7
8	☐	1.000		2906526.37		A	1.4
9	☐	1.000		2747680.90		A	3.6

103 Rh (ISTD) [He]

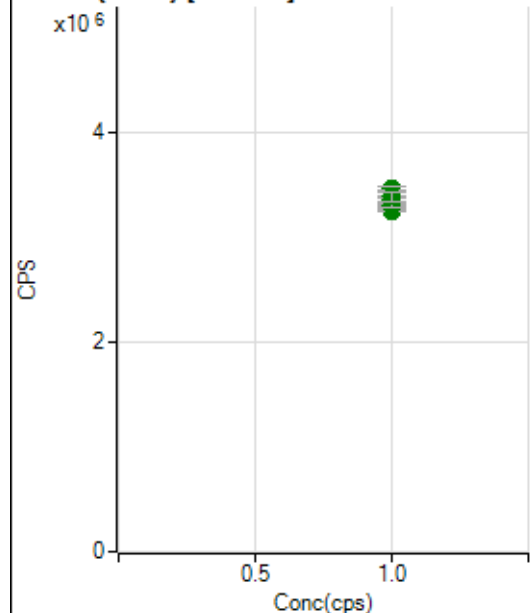
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1412451.00		P	1.0
2	☐	1.000		1408367.60		P	0.9
3	☐	1.000		1409756.31		P	1.0
4	☐	1.000		1413763.28		P	0.9
5	☐	1.000		1411907.25		P	0.5
6	☐	1.000		1396928.40		P	1.8
7	☐	1.000		1382176.06		P	1.2
8	☐	1.000		1342583.90		P	0.2
9	☐	1.000		1285594.02		P	0.7

115 In (ISTD) [No Gas]

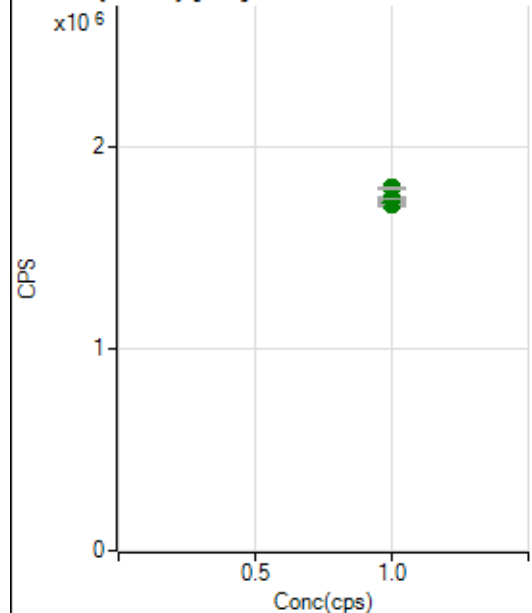
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2892388.46		A	1.1
2	☐	1.000		2868866.86		A	1.1
3	☐	1.000		2845325.12		A	2.4
4	☐	1.000		2893941.24		A	1.6
5	☐	1.000		2882426.52		A	1.0
6	☐	1.000		2873385.87		A	1.8
7	☐	1.000		2805077.70		A	3.7
8	☐	1.000		2869071.74		A	2.1
9	☐	1.000		2762914.85		A	4.3

115 In (ISTD) [He]

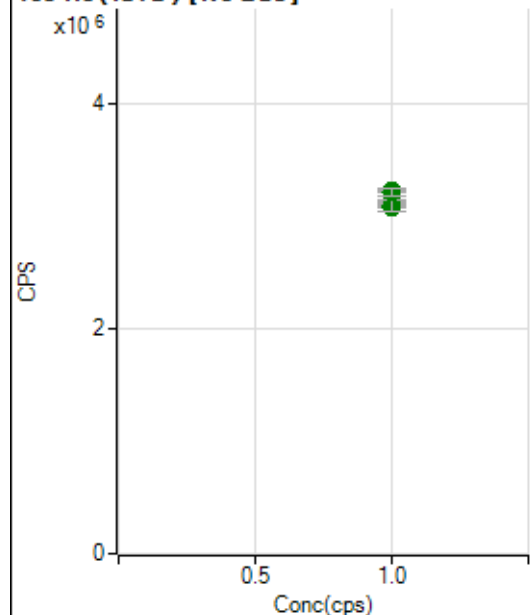
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		518359.01		P	1.3
2	☐	1.000		518241.10		P	1.5
3	☐	1.000		516597.44		P	0.8
4	☐	1.000		517090.58		P	0.2
5	☐	1.000		516085.20		P	0.4
6	☐	1.000		512441.95		P	1.8
7	☐	1.000		505897.46		P	1.1
8	☐	1.000		493317.46		P	0.3
9	☐	1.000		489745.10		P	0.6

159 Tb (ISTD) [No Gas]

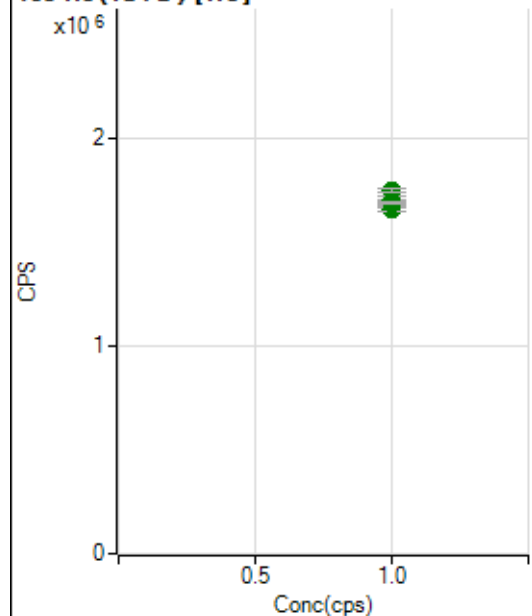
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3294995.58		A	0.5
2	☐	1.000		3248491.86		A	0.2
3	☐	1.000		3292354.25		A	0.7
4	☐	1.000		3322043.18		A	0.7
5	☐	1.000		3335032.00		A	1.7
6	☐	1.000		3354488.21		A	1.7
7	☐	1.000		3304085.96		A	1.8
8	☐	1.000		3454331.62		A	1.0
9	☐	1.000		3379384.08		A	2.4

159 Tb (ISTD) [He]

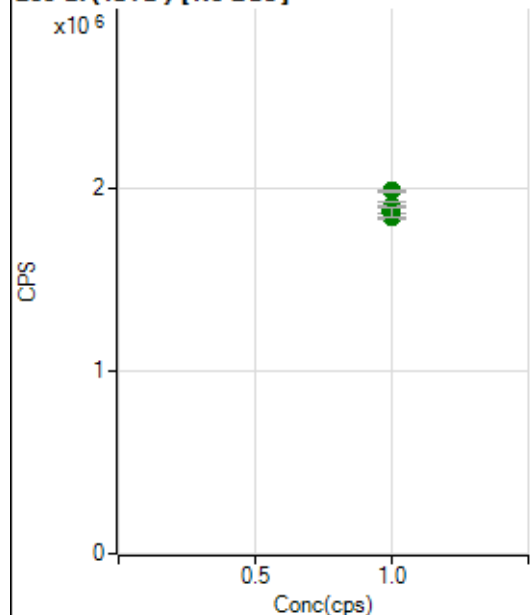
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1719938.65		A	0.7
2	☐	1.000		1714335.27		A	1.0
3	☐	1.000		1722387.66		A	1.0
4	☐	1.000		1730148.85		A	0.2
5	☐	1.000		1737180.62		A	0.2
6	☐	1.000		1740606.55		A	1.3
7	☐	1.000		1725090.50		A	1.0
8	☐	1.000		1740127.66		A	0.4
9	☐	1.000		1794730.29		A	0.8

165 Ho (ISTD) [No Gas]

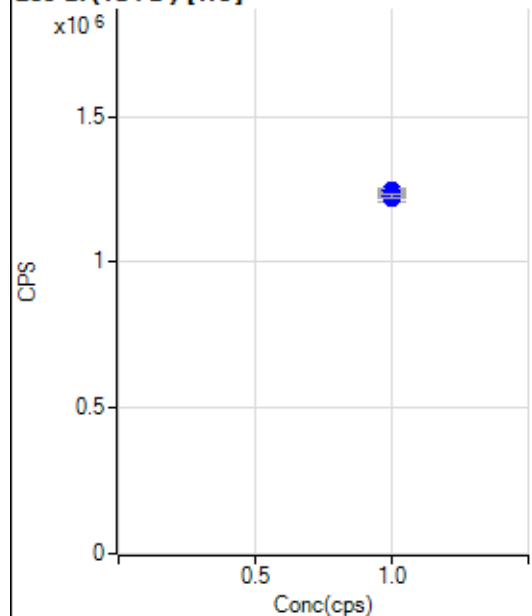
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3091255.28		A	1.3
2	☐	1.000		3102041.65		A	0.6
3	☐	1.000		3078768.67		A	2.8
4	☐	1.000		3128088.09		A	0.3
5	☐	1.000		3131506.71		A	2.3
6	☐	1.000		3148165.59		A	1.3
7	☐	1.000		3083157.95		A	3.2
8	☐	1.000		3220245.51		A	0.5
9	☐	1.000		3211261.94		A	2.1

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1662366.05		A	1.6
2	☐	1.000		1672949.70		A	0.5
3	☐	1.000		1662914.97		A	1.4
4	☐	1.000		1692525.89		A	1.0
5	☐	1.000		1684057.13		A	1.1
6	☐	1.000		1684851.96		A	1.8
7	☐	1.000		1706662.63		A	2.1
8	☐	1.000		1689700.65		A	0.8
9	☐	1.000		1747610.08		A	1.2

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1899316.01		A	0.2
2	☐	1.000		1844998.39		A	1.7
3	☐	1.000		1884944.64		A	1.6
4	☐	1.000		1900158.22		A	0.7
5	☐	1.000		1899902.37		A	0.7
6	☐	1.000		1910708.37		A	1.4
7	☐	1.000		1874307.84		A	3.5
8	☐	1.000		1988105.21		A	0.4
9	☐	1.000		1867678.81		A	2.9

209 Bi (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1224394.85		P	0.4
2	☐	1.000		1221580.49		P	1.8
3	☐	1.000		1224458.36		P	0.9
4	☐	1.000		1221016.01		P	0.3
5	☐	1.000		1245101.65		P	0.3
6	☐	1.000		1241165.59		P	1.3
7	☐	1.000		1244336.22		P	1.1
8	☐	1.000		1235737.52		P	0.8
9	☐	1.000		1229458.08		P	0.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8052121-MS.b
Acq. Date-Time 2021-05-21 06:40:16
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		5235	52346.88			1.021	5.000
24		18097	180970.21			0.778	5.000
25		2494	24937.25			0.758	5.000
26		3024	30235.00			0.499	5.000
59		4497	44968.97			1.247	5.000
113		2009	20088.62			1.354	5.000
115		6003	60030.86			1.465	5.000
206		2304	23036.56			1.978	5.000
207		1940	19396.96			2.156	5.000
208		4755	47552.25			1.866	5.000
220		1	11.00			17.896	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

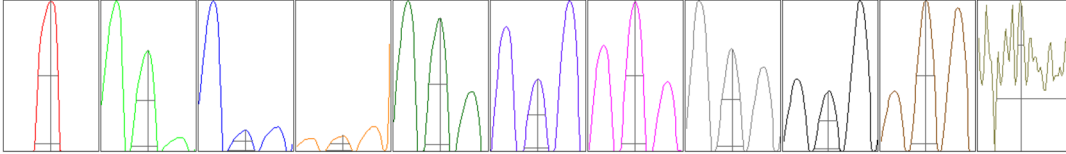
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5164	5215	5286	5290	5218
24	17884	18064	18178	18260	18098
25	2478	2507	2498	2516	2471
26	3008	3027	3047	3014	3022
59	4451	4444	4569	4543	4478
113	1992	1994	2023	2050	1985
115	6032	6054	6008	6070	5851
206	2257	2277	2333	2368	2284
207	1878	1930	1972	1984	1934
208	4646	4698	4802	4874	4757

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	8754.37	9.00	8.90 - 9.10	
24	32266.50	24.00	23.90 - 24.10	
25	4428.67	25.00	24.90 - 25.10	
26	5128.41	26.00	25.90 - 26.10	
59	8259.09	59.00	58.90 - 59.10	
113	3825.16	113.00	112.90 - 113.10	
115	11405.33	115.00	114.90 - 115.10	
206	4211.78	206.00	205.90 - 206.10	
207	3477.02	206.95	206.90 - 207.10	
208	8779.41	207.95	207.90 - 208.10	
220	1.55	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.786	0.900	
24	0.59	0.823	0.900	
25	0.59	0.828	0.900	
26	0.62	0.823	0.900	
59	0.57	0.781	0.900	
113	0.55	0.768	0.900	
115	0.54	0.776	0.900	
206	0.57	0.832	0.900	
207	0.57	0.795	0.900	
208	0.56	0.817	0.900	
220	0.19	2.366		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.47 L/min Dilution Gas 0.43 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.1 V	Deflect	16.0 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.9 mm
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EM

Discriminator	3.9 mV	Analog HV	2198 V	Pulse HV	1484 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1017	10173.88			1.413	
89		2710	27095.16			0.885	
205		2170	21704.16			1.155	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1041	1009	1003	1016	1018
89	2751	2710	2699	2690	2699
205	2211	2178	2151	2157	2155

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.47 L/min	Dilution Gas	0.43 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.1 V	Deflect	5.6 V
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US EPA Tune Check Report

Extract 2	-230.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	1.1 mm	Torch V	-0.9 mm		
EM					
Discriminator	3.9 mV	Analog HV	2198 V	Pulse HV	1484 V