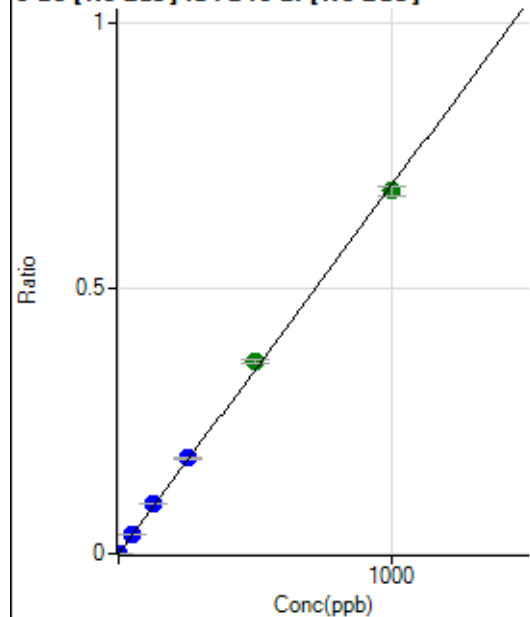


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7070723MS.b\
 Analysis File: P7070723MS.batch.bin
 DA Date-Time: 2023-07-07 16:03:15
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-07-07 14:03:35
2	005CALS.d	S02	2023-07-07 14:06:40
3	006CALS.d	S03	2023-07-07 14:09:47
4	007CALS.d	S04	2023-07-07 14:12:37
5	008CALS.d	S05	2023-07-07 14:15:25
6	009CALS.d	S06	2023-07-07 14:18:10
7	010CALS.d	S07	2023-07-07 14:20:57
8	011CALS.d	S08	2023-07-07 14:23:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	33.33	0.0000	P	39.5
2	<input type="checkbox"/>	1.000	1.073	2322.42	0.0008	P	4.7
3	<input type="checkbox"/>	50.000	54.312	116363.12	0.0377	P	0.8
4	<input type="checkbox"/>	125.000	135.262	288486.35	0.0938	P	1.1
5	<input type="checkbox"/>	250.000	259.234	557020.09	0.1797	P	1.5
6	<input type="checkbox"/>	500.000	521.433	1086337.30	0.3614	A	1.4
7	<input type="checkbox"/>	1000.000	985.476	2061091.38	0.6831	A	2.9
8	<input type="checkbox"/>			345.56	0.0001	P	7.4

$$y = 6.9312E-004 * x + 1.0675E-005$$

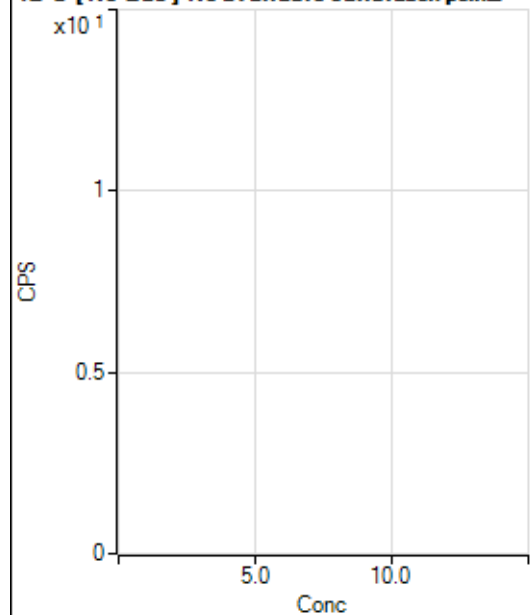
$$R = 0.9996$$

$$DL = 0.01827$$

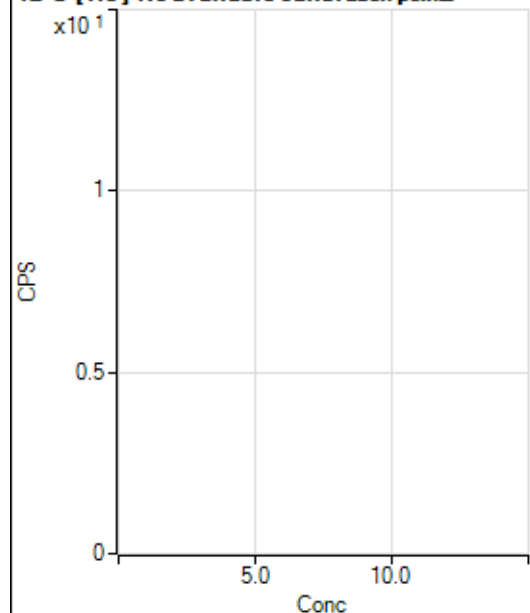
$$BEC = 0.0154$$

Weight: <None>

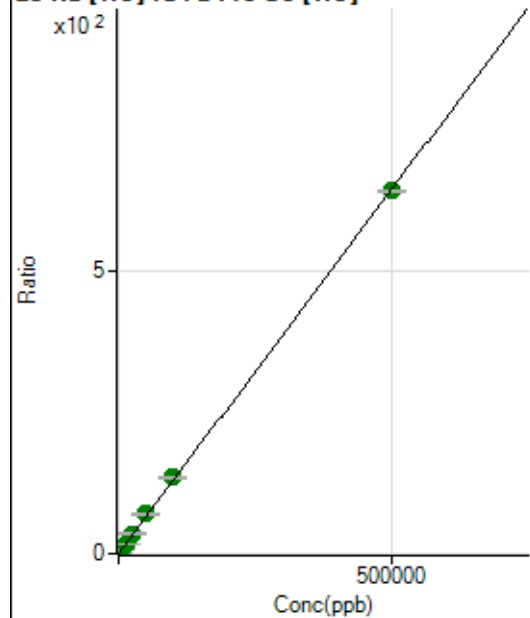
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	16421.06	0.0231	P	2.5
2	<input type="checkbox"/>	500.000	525.654	499123.63	0.7000	P	0.8
3	<input type="checkbox"/>	5000.000	5523.286	5007207.01	7.1352	A	2.2
4	<input type="checkbox"/>	12500.000	13561.817	12151155.65	17.4860	A	0.9
5	<input type="checkbox"/>	25000.000	27682.335	24287028.81	35.6682	A	1.1
6	<input type="checkbox"/>	50000.000	54195.998	47986071.50	69.8085	A	2.6
7	<input type="checkbox"/>	100000.00	105457.60	94548016.37	135.8155	A	2.7
8	<input type="checkbox"/>	500000.00	498322.95	438455189.0	641.6880	A	0.8

$$y = 0.0013 * x + 0.0231$$

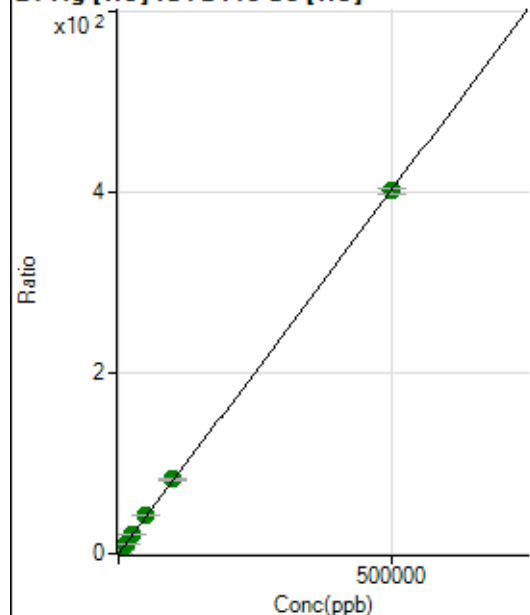
$$R = 0.9999$$

$$DL = 1.35$$

$$BEC = 17.96$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	386.67	0.0005	P	8.6
2	<input type="checkbox"/>	500.000	514.485	295010.71	0.4137	P	0.0
3	<input type="checkbox"/>	5000.000	5505.729	3103270.75	4.4221	A	1.9
4	<input type="checkbox"/>	12500.000	13504.442	7536292.25	10.8456	A	1.4
5	<input type="checkbox"/>	25000.000	26863.853	14690154.23	21.5742	A	1.1
6	<input type="checkbox"/>	50000.000	52604.319	29044370.40	42.2457	A	1.6
7	<input type="checkbox"/>	100000.00	102740.46	57437265.81	82.5088	A	3.0
8	<input type="checkbox"/>	500000.00	499068.09	273832264.8	400.7892	A	1.9

$$y = 8.0307\text{E-}004 * x + 5.4460\text{E-}004$$

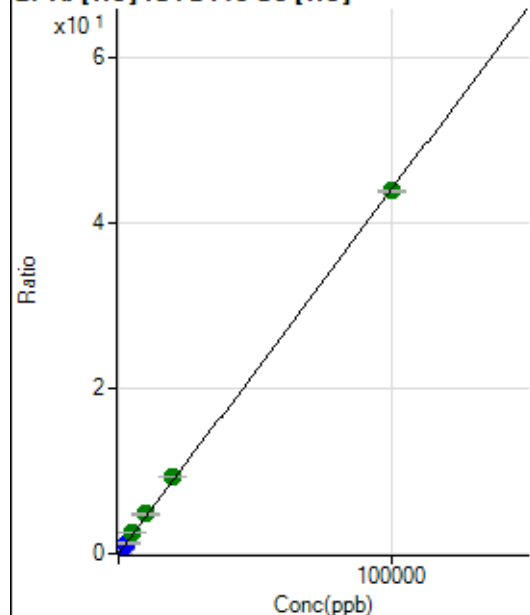
$$R = 1.0000$$

$$DL = 0.1755$$

$$BEC = 0.6781$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	280.01	0.0004	P	14.9
2	<input type="checkbox"/>	20.000	22.878	7459.66	0.0105	P	2.1
3	<input type="checkbox"/>	1000.000	1154.018	356652.26	0.5082	P	1.1
4	<input type="checkbox"/>	2500.000	2886.464	882813.74	1.2705	P	1.4
5	<input type="checkbox"/>	5000.000	5684.101	1703253.17	2.5014	A	1.5
6	<input type="checkbox"/>	10000.000	10925.800	3305002.31	4.8078	A	2.6
7	<input type="checkbox"/>	20000.000	21130.903	6473529.63	9.2982	A	2.0
8	<input type="checkbox"/>	100000.00	99635.832	29954560.94	43.8410	A	0.8

$$y = 4.4001\text{E-}004 * x + 3.9397\text{E-}004$$

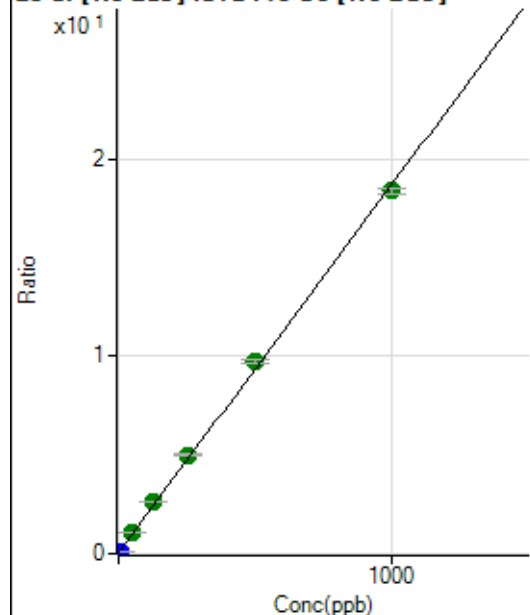
$$R = 0.9999$$

$$DL = 0.4009$$

$$BEC = 0.8954$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	336352.22	0.0526	P	1.9
2	<input type="checkbox"/>	10.000	1.052	449552.52	0.0721	P	1.8
3	<input type="checkbox"/>	50.000	56.131	6815473.86	1.0971	A	0.8
4	<input type="checkbox"/>	125.000	138.072	15856511.71	2.6218	A	0.9
5	<input type="checkbox"/>	250.000	265.592	29846334.00	4.9947	A	1.2
6	<input type="checkbox"/>	500.000	520.608	57172434.70	9.7400	A	1.3
7	<input type="checkbox"/>	1000.000	983.947	111885065.0	18.3618	A	1.5
8	<input type="checkbox"/>			517971.69	0.0839	P	1.1

$$y = 0.0186 * x + 0.0526$$

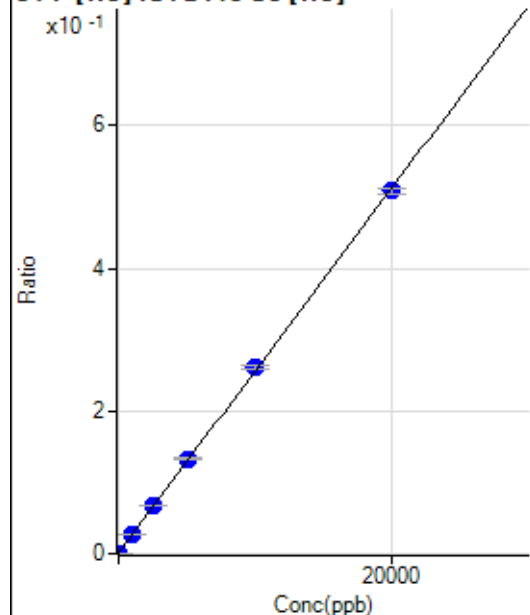
$$R = 0.9994$$

$$DL = 0.1651$$

$$BEC = 2.825$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-10.126	533.35	0.0008	P	1.7
2	<input type="checkbox"/>	0.000	10.126	904.48	0.0013	P	9.3
3	<input type="checkbox"/>	1000.000	1017.168	18940.73	0.0270	P	3.5
4	<input type="checkbox"/>	2500.000	2589.341	46665.40	0.0672	P	1.5
5	<input type="checkbox"/>	5000.000	5158.722	90418.38	0.1328	P	1.1
6	<input type="checkbox"/>	10000.000	10158.149	179086.52	0.2605	P	2.3
7	<input type="checkbox"/>	20000.000	19869.219	354095.75	0.5086	P	1.9
8	<input type="checkbox"/>			618.91	0.0009	P	13.2

$$y = 2.5546E-005 * x + 0.0010$$

$$R = 0.9999$$

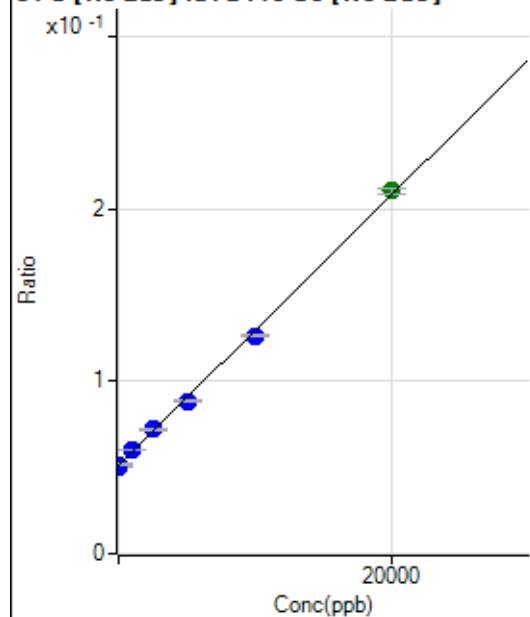
$$DL = 7.705$$

$$BEC = 39.53$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-95.011	322729.48	0.0504	P	1.8
2	<input type="checkbox"/>	0.000	95.011	323535.05	0.0519	P	3.1
3	<input type="checkbox"/>	1000.000	1156.506	374565.19	0.0603	P	0.4
4	<input type="checkbox"/>	2500.000	2656.070	436128.79	0.0721	P	1.1
5	<input type="checkbox"/>	5000.000	4770.440	530430.48	0.0888	P	2.0
6	<input type="checkbox"/>	10000.000	9554.901	742461.12	0.1265	P	0.9
7	<input type="checkbox"/>	20000.000	20252.606	1284446.93	0.2108	A	1.5
8	<input type="checkbox"/>			284842.46	0.0461	P	0.7

$$y = 7.8815E-006 * x + 0.0512$$

$$R = 0.9994$$

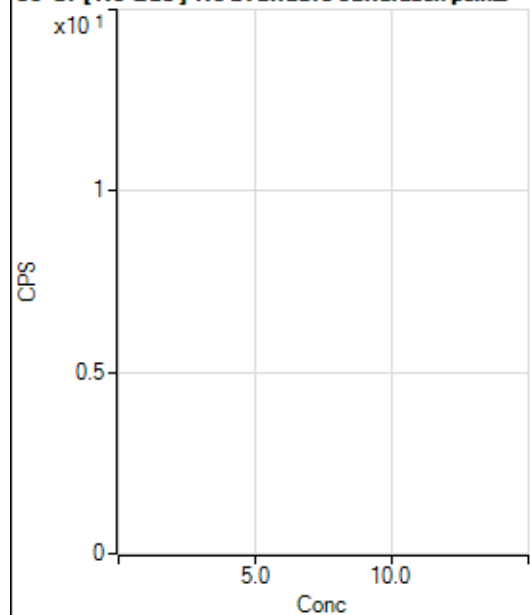
$$DL = 483.4$$

$$BEC = 6494$$

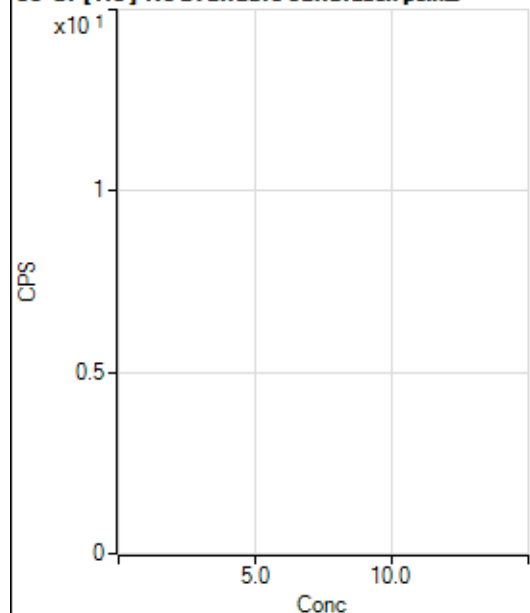
Weight: <None>

Min Conc: 0

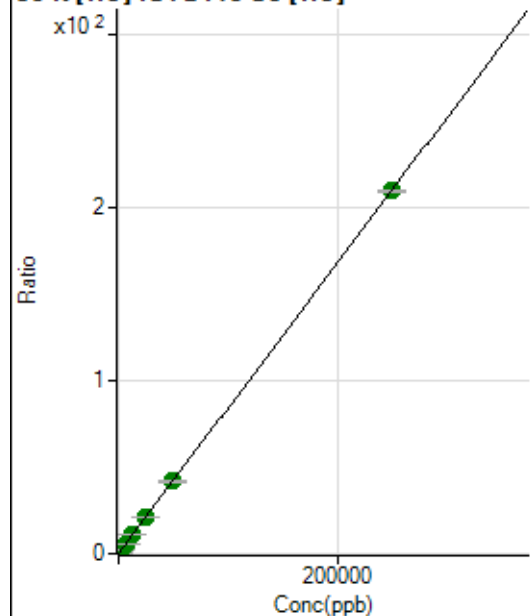
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>						
2	<input type="checkbox"/>						
3	<input type="checkbox"/>						
4	<input type="checkbox"/>						
5	<input type="checkbox"/>						
6	<input type="checkbox"/>						
7	<input type="checkbox"/>						
8	<input type="checkbox"/>						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	96405.89	0.1358	P	2.0
2	<input type="checkbox"/>	500.000	516.565	405690.20	0.5690	P	0.7
3	<input type="checkbox"/>	2500.000	2679.533	1672237.65	2.3828	A	2.2
4	<input type="checkbox"/>	6250.000	6446.454	3850851.50	5.5418	A	1.3
5	<input type="checkbox"/>	12500.000	12815.825	7410590.72	10.8831	A	0.4
6	<input type="checkbox"/>	25000.000	25184.724	14612522.14	21.2557	A	2.0
7	<input type="checkbox"/>	50000.000	49890.432	29220208.45	41.9739	A	2.8
8	<input type="checkbox"/>	250000.00	249980.91	143327248.9	209.7699	A	0.7

$$y = 8.3860E-004 * x + 0.1358$$

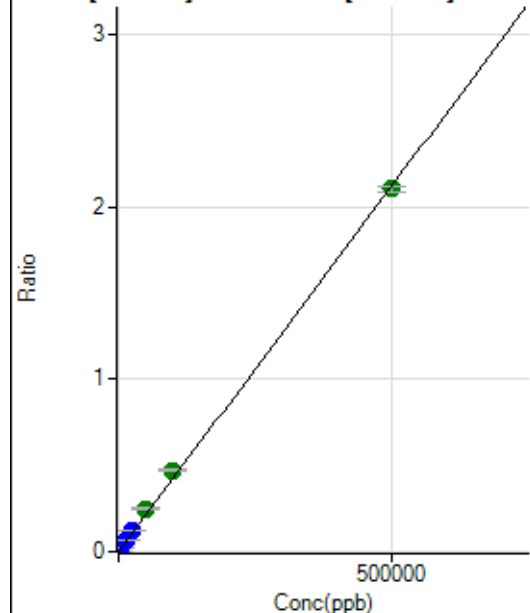
$$R = 1.0000$$

$$DL = 9.822$$

$$BEC = 161.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	154.45	0.0000	P	17.2
2	<input type="checkbox"/>	500.000	512.856	13704.07	0.0022	P	2.6
3	<input type="checkbox"/>	5000.000	6117.996	161298.17	0.0260	P	0.2
4	<input type="checkbox"/>	12500.000	15327.734	393226.69	0.0650	P	0.2
5	<input type="checkbox"/>	25000.000	30037.870	761250.50	0.1274	P	0.9
6	<input type="checkbox"/>	50000.000	58669.488	1460322.03	0.2488	A	2.0
7	<input type="checkbox"/>	100000.00	111188.04	2872890.41	0.4715	A	1.6
8	<input type="checkbox"/>	500000.00	496561.66	12999999.81	2.1055	A	1.4

$$y = 4.2401\text{E-}006 * x + 2.4146\text{E-}005$$

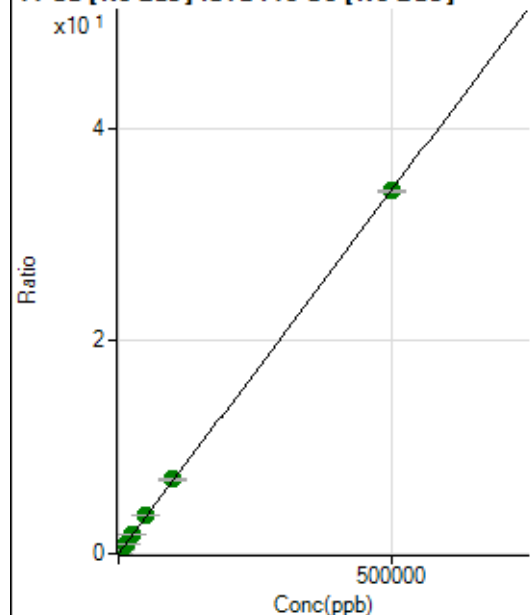
$$R = 0.9996$$

$$DL = 2.932$$

$$BEC = 5.695$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	11736.28	0.0018	P	1.1
2	<input type="checkbox"/>	500.000	520.647	232968.73	0.0374	P	1.2
3	<input type="checkbox"/>	5000.000	5413.324	2307229.41	0.3714	A	0.5
4	<input type="checkbox"/>	12500.000	13405.016	5546483.81	0.9170	A	0.1
5	<input type="checkbox"/>	25000.000	26327.969	10750377.69	1.7993	A	2.0
6	<input type="checkbox"/>	50000.000	52207.558	20932559.13	3.5661	A	1.6
7	<input type="checkbox"/>	100000.00	102023.02	42449295.75	6.9671	A	1.9
8	<input type="checkbox"/>	500000.00	499281.46	210488347.9	34.0887	A	0.6

$$y = 6.8272\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

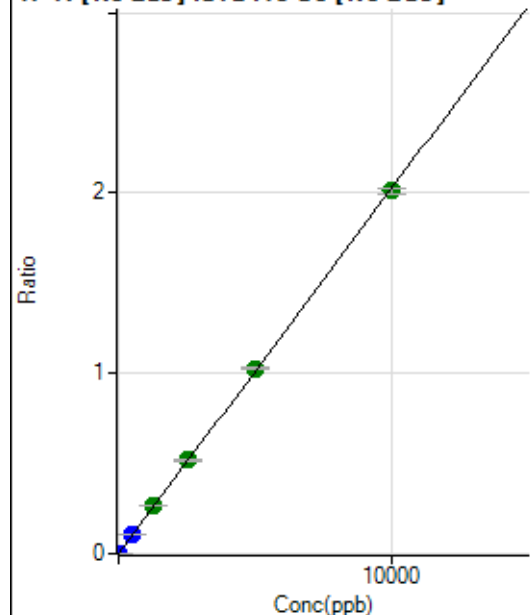
$$DL = 0.9025$$

$$BEC = 26.86$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	95.56	0.0000	P	14.6
2	<input type="checkbox"/>	5.000	4.940	6324.71	0.0010	P	1.2
3	<input type="checkbox"/>	500.000	528.984	665257.28	0.1071	P	0.2
4	<input type="checkbox"/>	1250.000	1327.499	1625256.45	0.2687	A	0.5
5	<input type="checkbox"/>	2500.000	2561.708	3098758.77	0.5185	A	1.5
6	<input type="checkbox"/>	5000.000	5074.315	6029064.77	1.0271	A	1.4
7	<input type="checkbox"/>	10000.000	9936.279	12254115.65	2.0113	A	1.9
8	<input type="checkbox"/>			1198.95	0.0002	P	13.1

$$y = 2.0241\text{E-}004 * x + 1.4908\text{E-}005$$

$$R = 0.9999$$

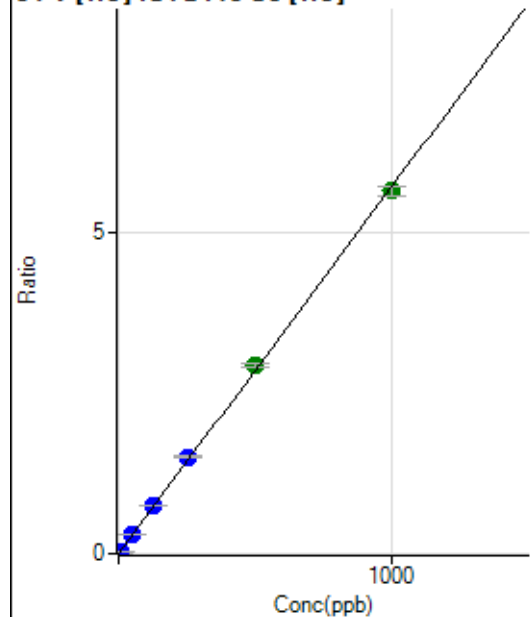
$$DL = 0.03218$$

$$BEC = 0.07365$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	14.45	0.0000	P	26.4
2	<input type="checkbox"/>	5.000	4.872	19880.95	0.0279	P	0.7
3	<input type="checkbox"/>	50.000	52.718	211580.54	0.3015	P	1.5
4	<input type="checkbox"/>	125.000	130.396	518169.52	0.7457	P	0.8
5	<input type="checkbox"/>	250.000	263.682	1026664.98	1.5078	P	1.1
6	<input type="checkbox"/>	500.000	512.731	2015608.70	2.9320	A	2.1
7	<input type="checkbox"/>	1000.000	989.404	3938970.36	5.6577	A	2.8
8	<input type="checkbox"/>			1166.72	0.0017	P	3.6

$$y = 0.0057 * x + 2.0331\text{E-}005$$

$$R = 0.9998$$

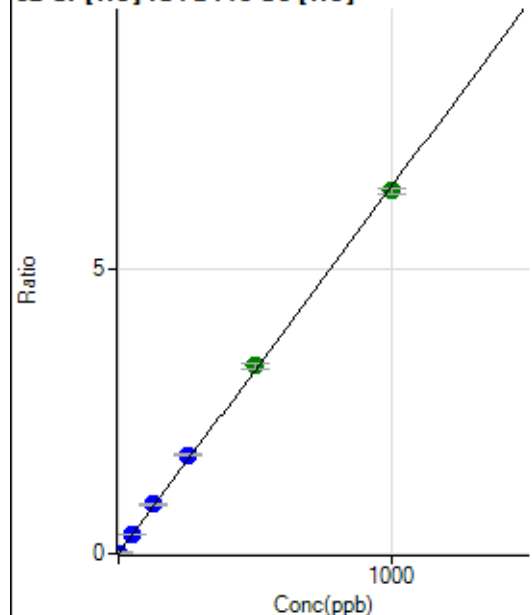
$$DL = 0.002817$$

$$BEC = 0.003555$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2201.30	0.0031	P	3.9
2	<input type="checkbox"/>	2.000	2.110	11933.69	0.0167	P	3.2
3	<input type="checkbox"/>	50.000	53.979	247051.25	0.3520	P	1.0
4	<input type="checkbox"/>	125.000	133.182	600313.94	0.8640	P	1.8
5	<input type="checkbox"/>	250.000	268.455	1183585.06	1.7383	P	1.3
6	<input type="checkbox"/>	500.000	512.024	2277085.04	3.3127	A	2.7
7	<input type="checkbox"/>	1000.000	988.152	4449287.64	6.3903	A	1.9
8	<input type="checkbox"/>			27023.10	0.0396	P	0.9

$$y = 0.0065 * x + 0.0031$$

$$R = 0.9997$$

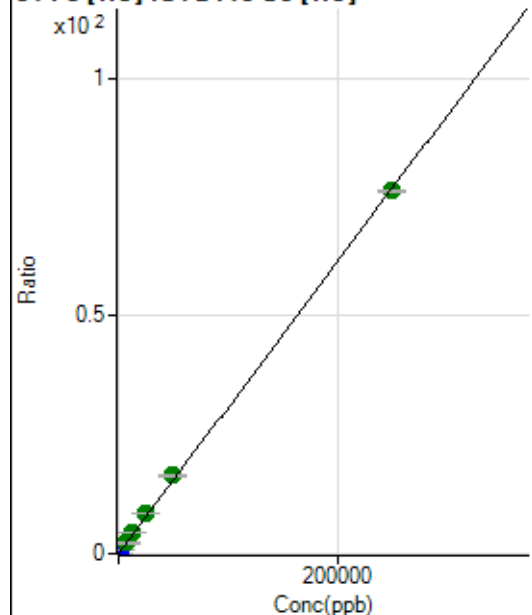
$$DL = 0.05567$$

$$BEC = 0.4794$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	2292.42	0.0032	P	4.8
2	<input type="checkbox"/>	50.000	57.886	14946.40	0.0210	P	0.6
3	<input type="checkbox"/>	2500.000	3071.825	662665.84	0.9443	P	1.9
4	<input type="checkbox"/>	6250.000	7268.744	1549479.35	2.2299	A	2.1
5	<input type="checkbox"/>	12500.000	14350.483	2995546.17	4.3994	A	0.8
6	<input type="checkbox"/>	25000.000	27614.520	5816989.64	8.4627	A	2.8
7	<input type="checkbox"/>	50000.000	53519.160	11416387.75	16.3984	A	2.3
8	<input type="checkbox"/>	250000.00	248911.00	52101532.56	76.2550	A	0.8

$$y = 3.0634E-004 * x + 0.0032$$

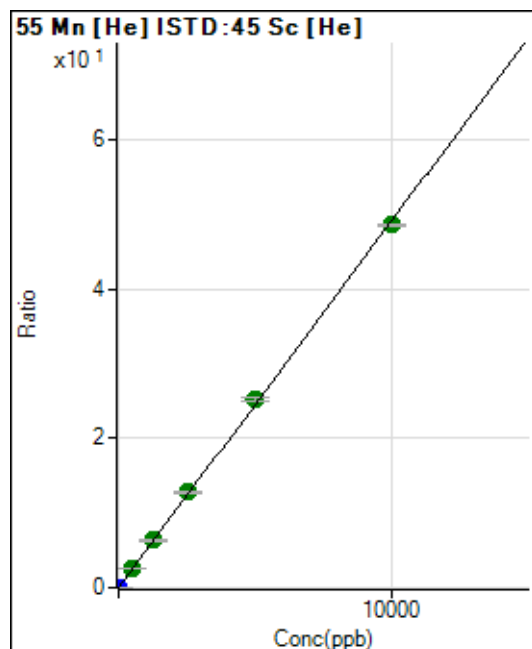
$$R = 0.9999$$

$$DL = 1.529$$

$$BEC = 10.54$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	206.67	0.0003	P	6.2
2	<input type="checkbox"/>	1.000	1.055	3901.66	0.0055	P	4.3
3	<input type="checkbox"/>	500.000	547.480	1886165.56	2.6874	A	0.8
4	<input type="checkbox"/>	1250.000	1289.225	4396819.55	6.3279	A	2.1
5	<input type="checkbox"/>	2500.000	2599.516	8686693.14	12.7589	A	2.4
6	<input type="checkbox"/>	5000.000	5138.409	17336509.60	25.2199	A	2.4
7	<input type="checkbox"/>	10000.000	9898.640	33830256.16	48.5834	A	0.7
8	<input type="checkbox"/>			26383.16	0.0386	P	0.4

$$y = 0.0049 * x + 2.9105E-004$$

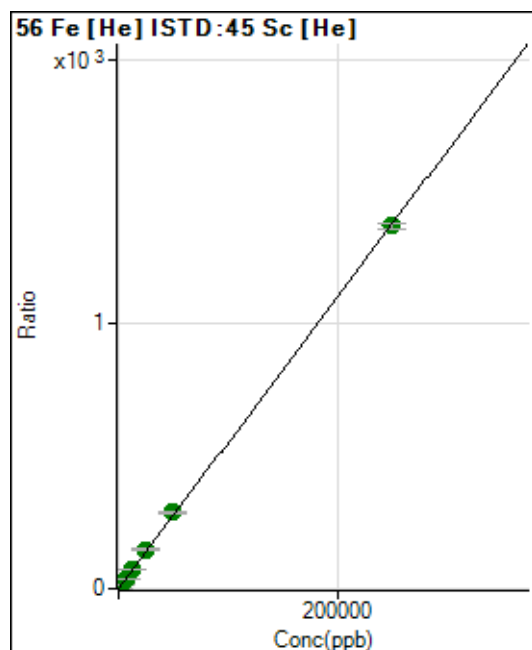
$$R = 0.9998$$

$$DL = 0.01095$$

$$BEC = 0.0593$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	16274.51	0.0229	P	0.6
2	<input type="checkbox"/>	50.000	55.010	232047.19	0.3254	P	0.4
3	<input type="checkbox"/>	2500.000	2768.030	10699610.12	15.2447	A	0.7
4	<input type="checkbox"/>	6250.000	6744.158	25786155.73	37.1099	A	1.6
5	<input type="checkbox"/>	12500.000	13665.208	51180852.57	75.1696	A	1.5
6	<input type="checkbox"/>	25000.000	27048.990	102275150.7	148.7686	A	1.9
7	<input type="checkbox"/>	50000.000	52224.334	199976079.2	287.2110	A	1.4
8	<input type="checkbox"/>	250000.00	249276.93	936602554.9	1,370.827	A	1.3

$$y = 0.0055 * x + 0.0229$$

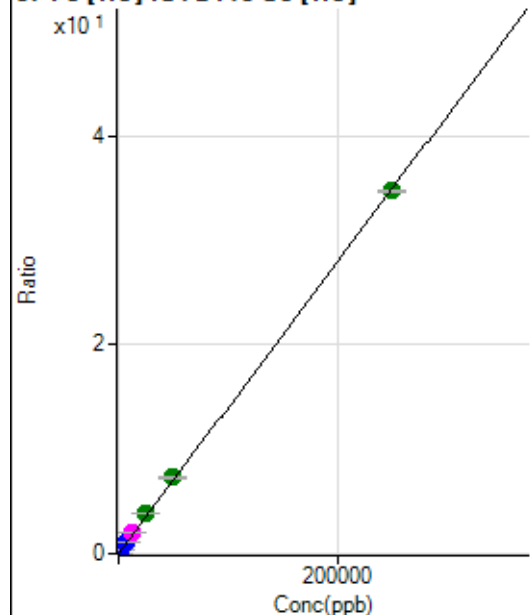
$$R = 0.9999$$

$$DL = 0.07931$$

$$BEC = 4.167$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1251.18	0.0018	P	3.9
2	<input type="checkbox"/>	50.000	55.710	6792.70	0.0095	P	2.0
3	<input type="checkbox"/>	2500.000	2961.754	290976.59	0.4146	P	0.6
4	<input type="checkbox"/>	6250.000	7341.043	712231.15	1.0250	P	1.1
5	<input type="checkbox"/>	12500.000	14487.823	1376246.07	2.0211	M	0.5
6	<input type="checkbox"/>	25000.000	27577.058	2643320.90	3.8455	A	2.6
7	<input type="checkbox"/>	50000.000	52621.660	5107642.88	7.3362	A	2.0
8	<input type="checkbox"/>	250000.00	249086.67	23722412.98	34.7195	A	0.6

$$y = 1.3938\text{E-}004 * x + 0.0018$$

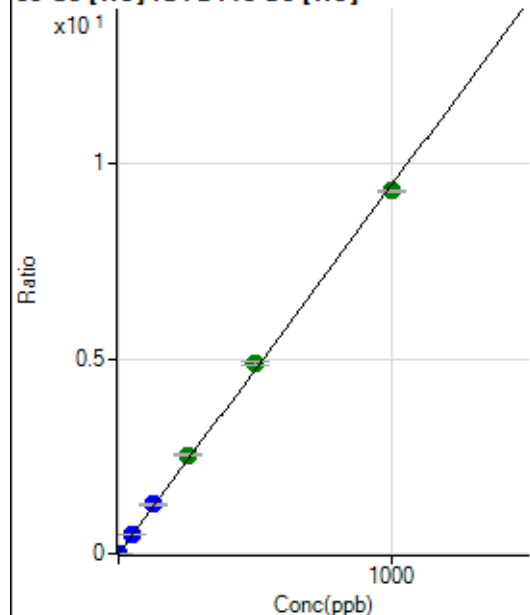
$$R = 0.9999$$

$$DL = 1.465$$

$$BEC = 12.64$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	91.11	0.0001	P	13.1
2	<input type="checkbox"/>	1.000	1.005	6857.19	0.0096	P	2.9
3	<input type="checkbox"/>	50.000	54.245	359458.97	0.5122	P	2.0
4	<input type="checkbox"/>	125.000	133.840	878023.26	1.2636	P	1.8
5	<input type="checkbox"/>	250.000	268.739	1727438.81	2.5371	A	1.6
6	<input type="checkbox"/>	500.000	517.766	3360375.47	4.8880	A	1.9
7	<input type="checkbox"/>	1000.000	985.115	6475973.30	9.3000	A	0.6
8	<input type="checkbox"/>			19533.93	0.0286	P	1.2

$$y = 0.0094 * x + 1.2831\text{E-}004$$

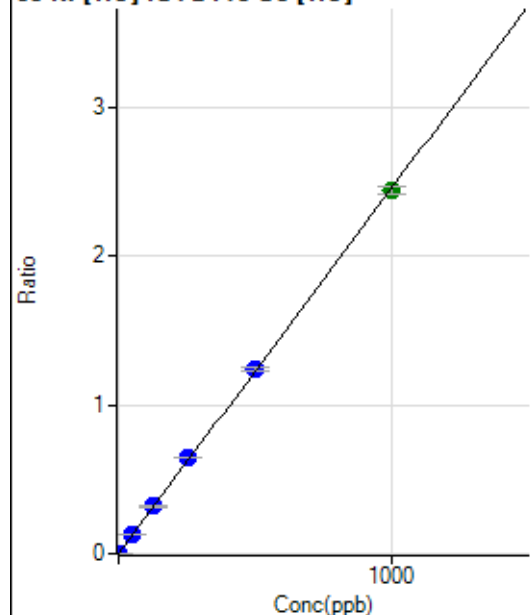
$$R = 0.9996$$

$$DL = 0.005331$$

$$BEC = 0.01359$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	107.78	0.0002	P	10.4
2	<input type="checkbox"/>	1.000	1.048	1942.37	0.0027	P	8.2
3	<input type="checkbox"/>	50.000	52.808	91062.09	0.1297	P	1.4
4	<input type="checkbox"/>	125.000	129.444	220837.89	0.3178	P	1.7
5	<input type="checkbox"/>	250.000	261.262	436675.91	0.6413	P	0.5
6	<input type="checkbox"/>	500.000	506.475	854512.50	1.2431	P	2.4
7	<input type="checkbox"/>	1000.000	993.251	1697212.25	2.4377	A	2.1
8	<input type="checkbox"/>			9155.08	0.0134	P	1.6

$$y = 0.0025 * x + 1.5181E-004$$

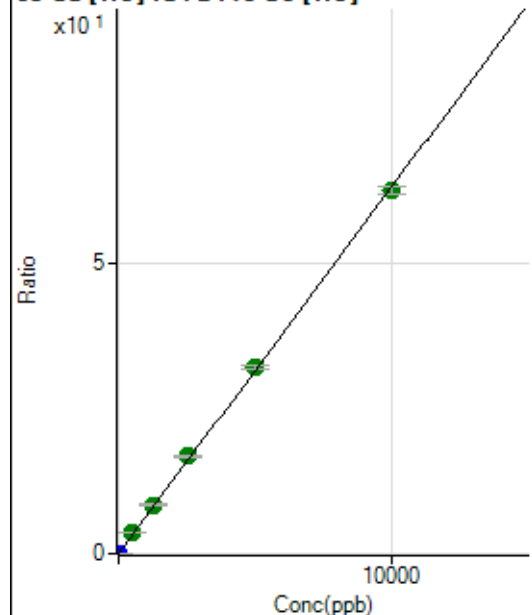
$$R = 0.9999$$

$$DL = 0.01931$$

$$BEC = 0.06186$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	844.48	0.0012	P	2.8
2	<input type="checkbox"/>	2.000	2.096	10300.30	0.0144	P	1.8
3	<input type="checkbox"/>	500.000	559.829	2485609.04	3.5418	A	2.1
4	<input type="checkbox"/>	1250.000	1329.328	5842586.58	8.4086	A	2.0
5	<input type="checkbox"/>	2500.000	2651.032	11417093.30	16.7677	A	1.4
6	<input type="checkbox"/>	5000.000	5103.388	22188684.95	32.2778	A	2.5
7	<input type="checkbox"/>	10000.000	9897.640	43582380.46	62.5992	A	2.0
8	<input type="checkbox"/>			35492.08	0.0519	P	0.6

$$y = 0.0063 * x + 0.0012$$

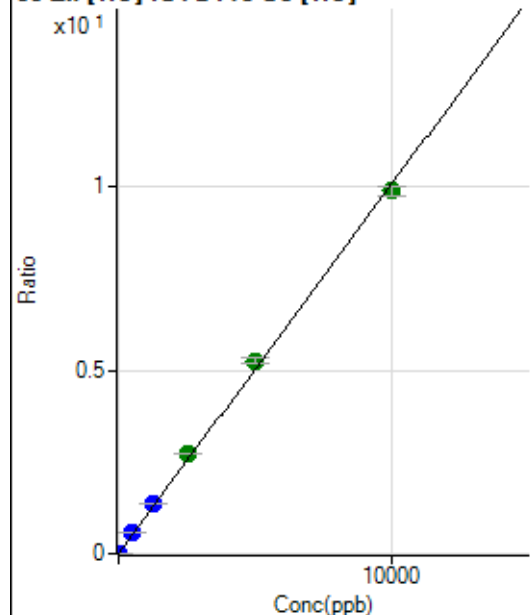
$$R = 0.9998$$

$$DL = 0.01554$$

$$BEC = 0.188$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	541.13	0.0008	P	11.6
2	<input type="checkbox"/>	2.000	2.197	2120.17	0.0030	P	4.1
3	<input type="checkbox"/>	500.000	553.021	391284.54	0.5575	P	1.1
4	<input type="checkbox"/>	1250.000	1361.433	952929.53	1.3714	P	1.5
5	<input type="checkbox"/>	2500.000	2718.105	1863760.37	2.7372	A	0.8
6	<input type="checkbox"/>	5000.000	5212.771	3607672.96	5.2487	A	3.0
7	<input type="checkbox"/>	10000.000	9822.508	6884547.54	9.8896	A	2.7
8	<input type="checkbox"/>			8157.84	0.0119	P	1.5

$$y = 0.0010 * x + 7.6229E-004$$

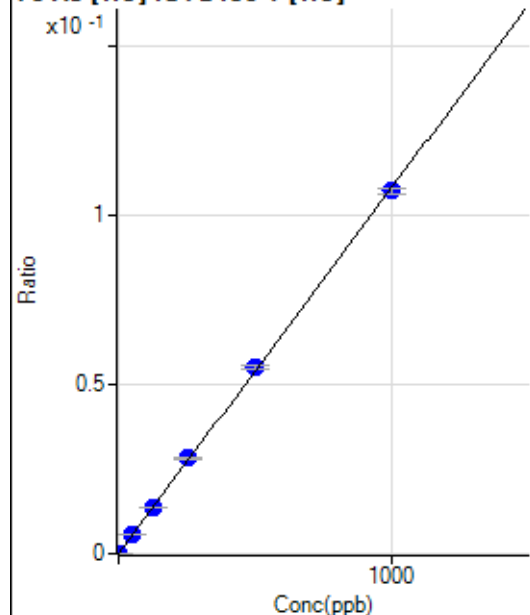
$$R = 0.9994$$

$$DL = 0.2627$$

$$BEC = 0.7572$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7.78	0.0000	P	24.1
2	<input type="checkbox"/>	1.000	0.993	505.57	0.0001	P	5.2
3	<input type="checkbox"/>	50.000	51.446	25537.61	0.0056	P	1.0
4	<input type="checkbox"/>	125.000	127.484	62730.73	0.0138	P	1.5
5	<input type="checkbox"/>	250.000	260.951	124671.67	0.0282	P	2.1
6	<input type="checkbox"/>	500.000	509.504	247708.00	0.0551	P	2.3
7	<input type="checkbox"/>	1000.000	992.128	492640.74	0.1072	P	1.7
8	<input type="checkbox"/>			184.45	0.0000	P	10.2

$$y = 1.0804E-004 * x + 1.6634E-006$$

$$R = 0.9999$$

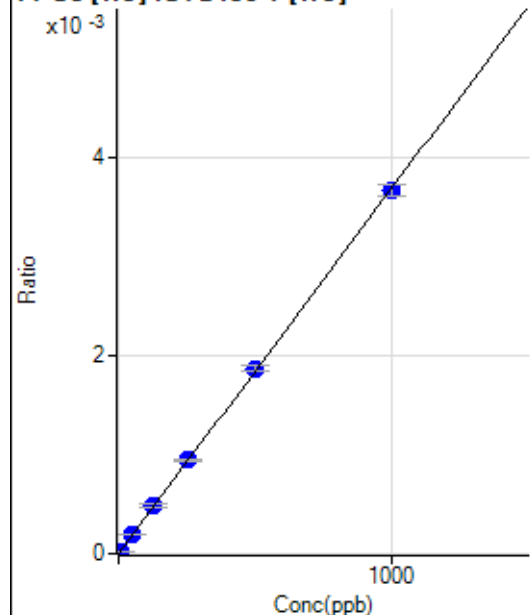
$$DL = 0.01112$$

$$BEC = 0.0154$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	5.000	4.470	76.67	0.0000	P	31.1
3	<input type="checkbox"/>	50.000	53.739	911.15	0.0002	P	1.4
4	<input type="checkbox"/>	125.000	131.627	2212.41	0.0005	P	4.7
5	<input type="checkbox"/>	250.000	255.623	4172.85	0.0009	P	1.8
6	<input type="checkbox"/>	500.000	508.098	8443.59	0.0019	P	2.2
7	<input type="checkbox"/>	1000.000	993.533	16856.36	0.0037	P	3.1
8	<input type="checkbox"/>			102.22	0.0000	P	14.3

$$y = 3.6917\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

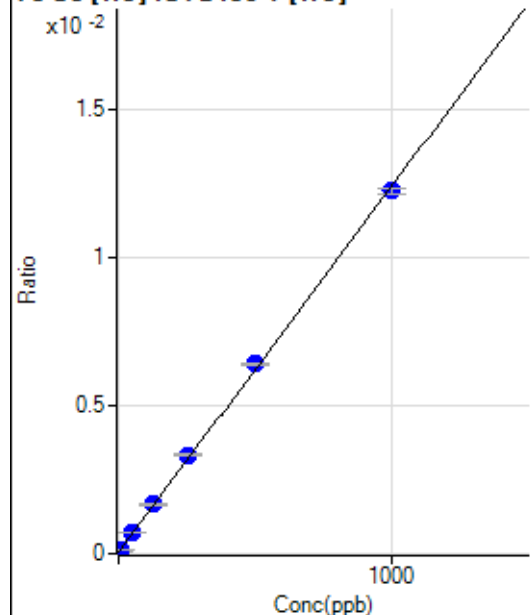
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	225.56	0.0000	P	3.3
2	<input type="checkbox"/>	5.000	4.789	497.79	0.0001	P	9.6
3	<input type="checkbox"/>	50.000	52.763	3210.38	0.0007	P	2.9
4	<input type="checkbox"/>	125.000	130.662	7559.79	0.0017	P	4.7
5	<input type="checkbox"/>	250.000	265.360	14684.01	0.0033	P	2.5
6	<input type="checkbox"/>	500.000	514.412	28766.84	0.0064	P	1.8
7	<input type="checkbox"/>	1000.000	988.109	56228.48	0.0122	P	1.8
8	<input type="checkbox"/>			491.13	0.0001	P	11.1

$$y = 1.2333\text{E-}005 * x + 4.8279\text{E-}005$$

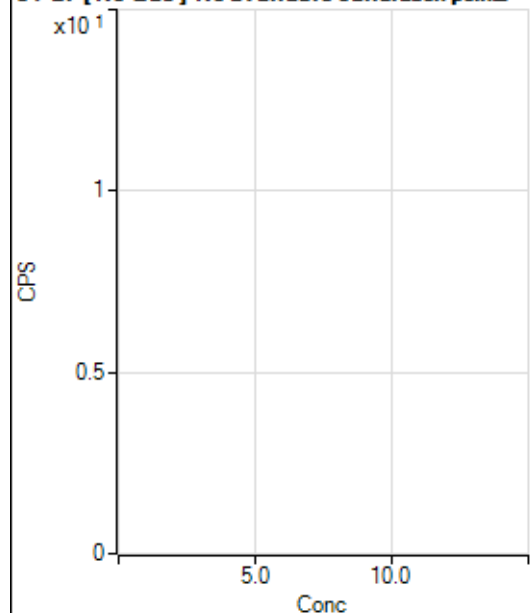
$$R = 0.9997$$

$$DL = 0.3845$$

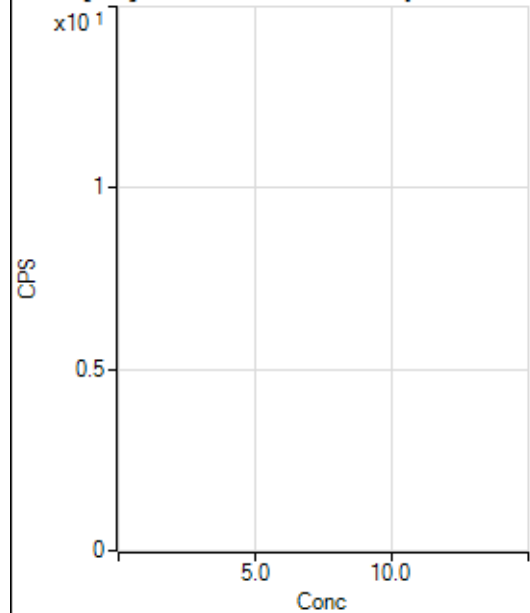
$$BEC = 3.915$$

Weight: <None>

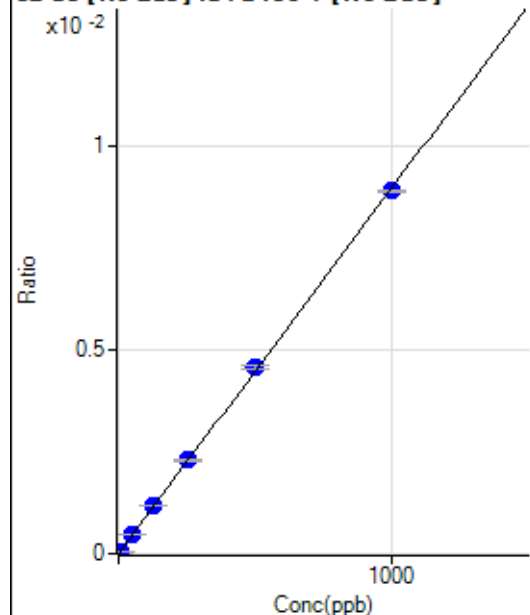
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			17176.82		P	1.5
2	<input type="checkbox"/>			17026.60		P	1.3
3	<input type="checkbox"/>			16971.00		P	1.4
4	<input type="checkbox"/>			16266.84		P	0.8
5	<input type="checkbox"/>			15732.95		P	1.8
6	<input type="checkbox"/>			16028.79		P	2.6
7	<input type="checkbox"/>			16220.16		P	1.7
8	<input type="checkbox"/>			21844.10		P	4.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			124.45		P	13.5
2	<input type="checkbox"/>			76.67		P	15.1
3	<input type="checkbox"/>			102.22		P	8.2
4	<input type="checkbox"/>			82.22		P	6.2
5	<input type="checkbox"/>			106.67		P	8.3
6	<input type="checkbox"/>			76.67		P	28.5
7	<input type="checkbox"/>			94.44		P	28.7
8	<input type="checkbox"/>			1443.42		P	6.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	17.20	0.0000	P	87.2
2	<input type="checkbox"/>	5.000	4.955	737.47	0.0000	P	2.8
3	<input type="checkbox"/>	50.000	52.932	7654.07	0.0005	P	1.6
4	<input type="checkbox"/>	125.000	132.474	18790.09	0.0012	P	1.9
5	<input type="checkbox"/>	250.000	256.399	36830.90	0.0023	P	2.0
6	<input type="checkbox"/>	500.000	508.258	72456.37	0.0045	P	2.1
7	<input type="checkbox"/>	1000.000	993.191	146695.65	0.0089	P	0.9
8	<input type="checkbox"/>			895.68	0.0001	P	6.3

$$y = 8.9405\text{E-}006 * x + 1.0547\text{E-}006$$

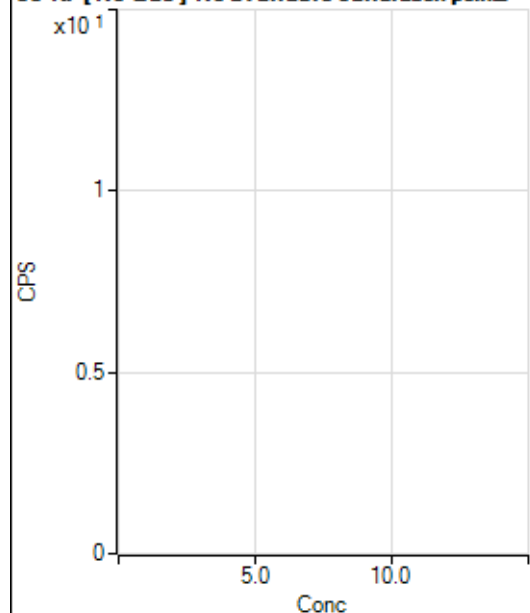
$$R = 0.9999$$

$$DL = 0.3085$$

$$BEC = 0.118$$

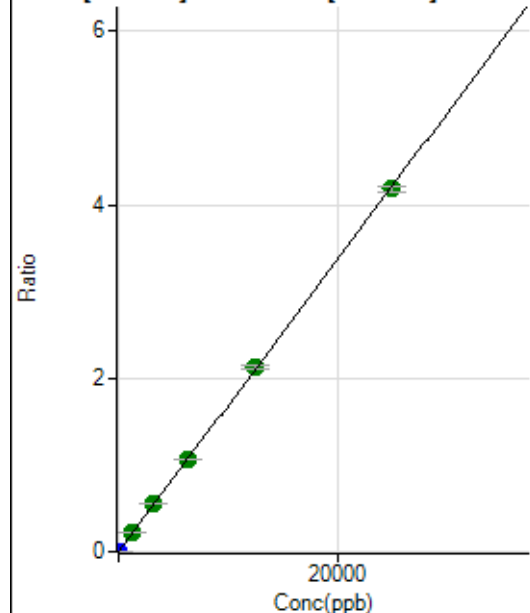
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			140.00		P	4.8
2	<input type="checkbox"/>			133.34		P	22.2
3	<input type="checkbox"/>			131.12		P	15.5
4	<input type="checkbox"/>			150.00		P	9.7
5	<input type="checkbox"/>			127.78		P	21.9
6	<input type="checkbox"/>			136.67		P	12.7
7	<input type="checkbox"/>			154.45		P	7.6
8	<input type="checkbox"/>			153.34		P	10.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	213.34	0.0000	P	6.7
2	<input type="checkbox"/>	1.000	1.079	3162.60	0.0002	P	2.6
3	<input type="checkbox"/>	1250.000	1323.085	3591068.94	0.2225	A	1.4
4	<input type="checkbox"/>	3125.000	3266.021	8707695.49	0.5493	A	0.8
5	<input type="checkbox"/>	6250.000	6347.049	17146006.97	1.0674	A	0.9
6	<input type="checkbox"/>	12500.000	12659.379	33939156.72	2.1290	A	2.4
7	<input type="checkbox"/>	25000.000	24874.766	69096078.97	4.1834	A	1.6
8	<input type="checkbox"/>			7975.57	0.0005	P	7.0

$$y = 1.6818\text{E-}004 * x + 1.2925\text{E-}005$$

$$R = 1.0000$$

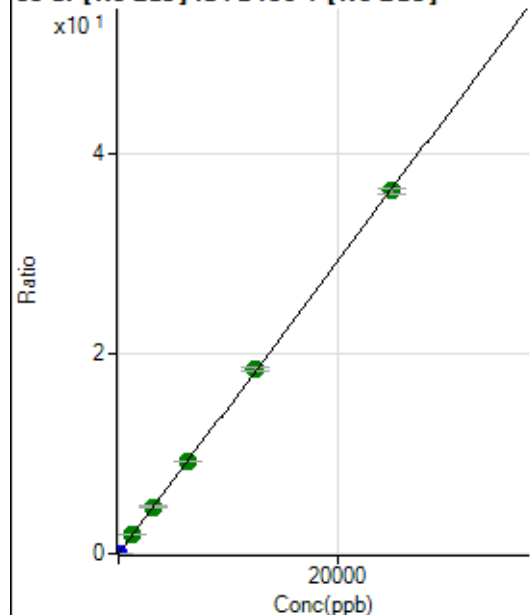
$$DL = 0.01549$$

$$BEC = 0.07685$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	234.45	0.0000	P	16.1
2	<input type="checkbox"/>	1.000	1.003	23990.80	0.0015	P	1.7
3	<input type="checkbox"/>	1250.000	1277.189	30028916.22	1.8606	A	0.7
4	<input type="checkbox"/>	3125.000	3229.666	74581252.22	4.7049	A	1.4
5	<input type="checkbox"/>	6250.000	6356.599	148734592.2	9.2601	A	1.2
6	<input type="checkbox"/>	12500.000	12637.051	293466108.9	18.4093	A	2.3
7	<input type="checkbox"/>	25000.000	24890.382	598890071.0	36.2596	A	1.4
8	<input type="checkbox"/>			68122.65	0.0043	P	11.8

$$y = 0.0015 * x + 1.4212\text{E-}005$$

$$R = 1.0000$$

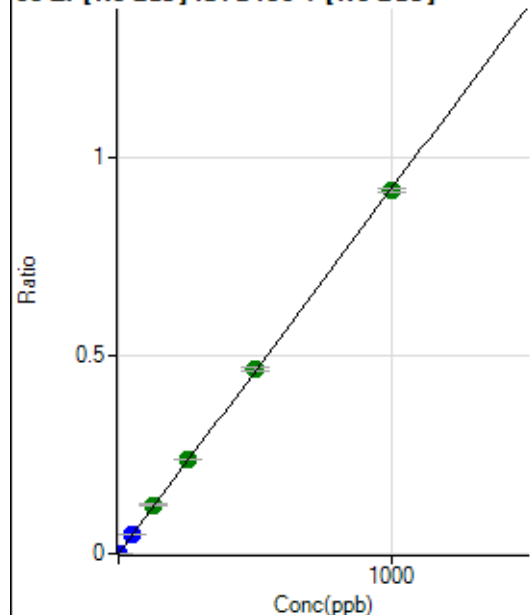
$$DL = 0.004719$$

$$BEC = 0.009756$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	620.02	0.0000	P	2.6
2	<input type="checkbox"/>	1.000	0.919	14363.81	0.0009	P	2.3
3	<input type="checkbox"/>	50.000	53.542	796244.05	0.0493	P	1.4
4	<input type="checkbox"/>	125.000	133.444	1948367.66	0.1229	A	1.4
5	<input type="checkbox"/>	250.000	257.631	3810760.88	0.2373	A	1.4
6	<input type="checkbox"/>	500.000	506.208	7431728.43	0.4662	A	1.5
7	<input type="checkbox"/>	1000.000	993.756	15114684.08	0.9151	A	1.2
8	<input type="checkbox"/>			6896.12	0.0004	P	2.6

$$y = 9.2080\text{E-}004 * x + 3.7586\text{E-}005$$

$$R = 0.9999$$

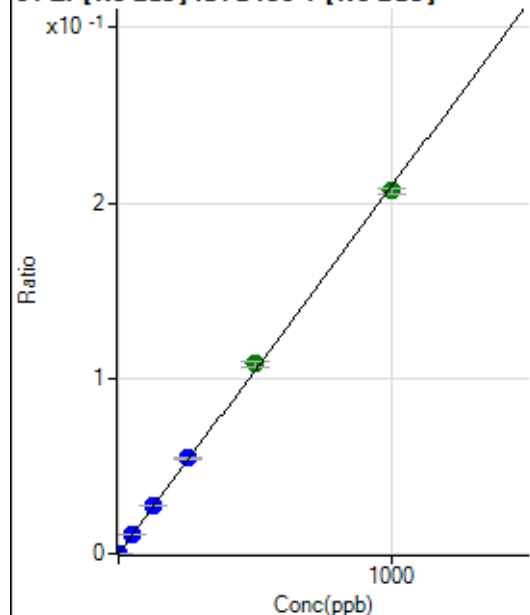
$$DL = 0.003211$$

$$BEC = 0.04082$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	111.11	0.0000	P	5.8
2	<input type="checkbox"/>	1.000	0.889	3137.04	0.0002	P	3.0
3	<input type="checkbox"/>	50.000	52.267	176682.62	0.0109	P	1.8
4	<input type="checkbox"/>	125.000	132.039	438287.74	0.0276	P	1.5
5	<input type="checkbox"/>	250.000	260.191	874991.52	0.0545	P	1.3
6	<input type="checkbox"/>	500.000	517.096	1725655.74	0.1083	A	3.3
7	<input type="checkbox"/>	1000.000	987.911	3415944.57	0.2068	A	1.7
8	<input type="checkbox"/>			1584.55	0.0001	P	7.8

$$y = 2.0935\text{E-}004 * x + 6.7320\text{E-}006$$

$$R = 0.9997$$

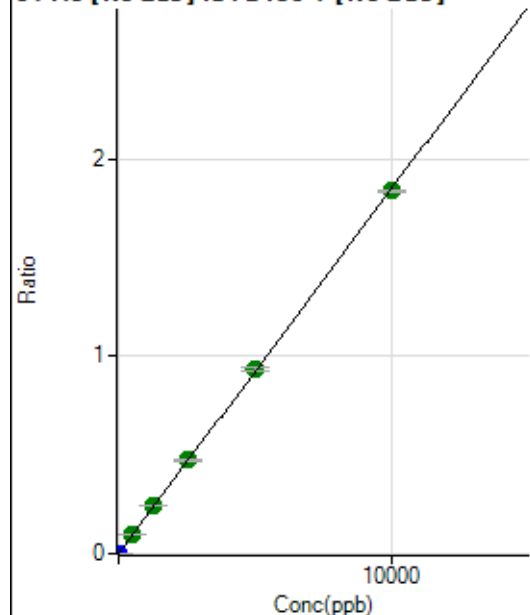
$$DL = 0.005557$$

$$BEC = 0.03216$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	185.56	0.0000	P	10.9
2	<input type="checkbox"/>	5.000	5.622	17098.96	0.0011	P	0.5
3	<input type="checkbox"/>	500.000	539.475	1610836.96	0.0998	A	1.1
4	<input type="checkbox"/>	1250.000	1325.674	3887495.22	0.2453	A	2.1
5	<input type="checkbox"/>	2500.000	2561.263	7611347.87	0.4738	A	0.8
6	<input type="checkbox"/>	5000.000	5058.354	14917888.53	0.9358	A	2.2
7	<input type="checkbox"/>	10000.000	9944.074	30389455.10	1.8397	A	0.3
8	<input type="checkbox"/>			8023.40	0.0005	P	5.0

$$y = 1.8500\text{E-}004 * x + 1.1234\text{E-}005$$

$$R = 0.9999$$

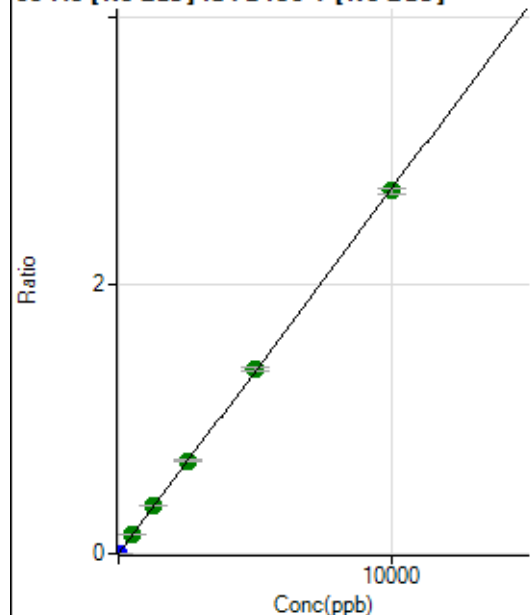
$$DL = 0.01988$$

$$BEC = 0.06073$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	42.22	0.0000	P	15.7
2	<input type="checkbox"/>	5.000	4.806	21258.86	0.0013	P	1.1
3	<input type="checkbox"/>	500.000	528.176	2313519.50	0.1434	A	2.3
4	<input type="checkbox"/>	1250.000	1302.172	5603385.82	0.3535	A	1.2
5	<input type="checkbox"/>	2500.000	2555.183	11139452.47	0.6936	A	1.8
6	<input type="checkbox"/>	5000.000	5061.074	21901443.28	1.3738	A	2.0
7	<input type="checkbox"/>	10000.000	9947.737	44602437.67	2.7003	A	1.4
8	<input type="checkbox"/>			8673.77	0.0005	P	8.9

$$y = 2.7145\text{E-}004 * x + 2.5581\text{E-}006$$

$$R = 0.9999$$

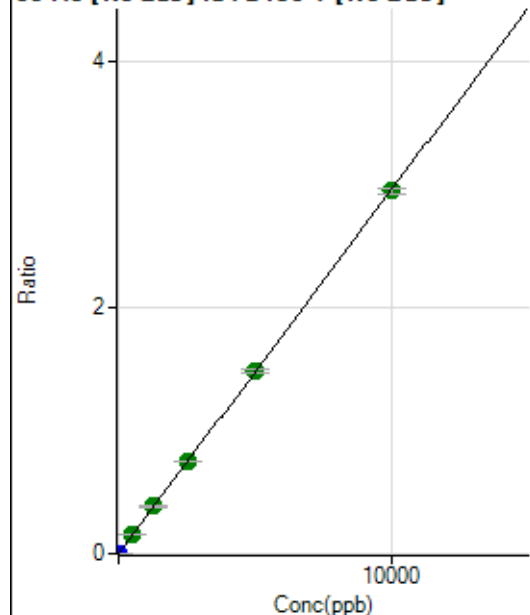
$$DL = 0.004437$$

$$BEC = 0.009424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	81.11	0.0000	P	23.3
2	<input type="checkbox"/>	5.000	4.868	23444.36	0.0014	P	2.3
3	<input type="checkbox"/>	500.000	532.049	2534428.57	0.1571	A	2.0
4	<input type="checkbox"/>	1250.000	1297.504	6071761.65	0.3830	A	1.5
5	<input type="checkbox"/>	2500.000	2529.960	11995022.04	0.7468	A	1.4
6	<input type="checkbox"/>	5000.000	5030.091	23671169.93	1.4849	A	2.0
7	<input type="checkbox"/>	10000.000	9969.924	48612745.94	2.9431	A	1.3
8	<input type="checkbox"/>			19271.74	0.0012	P	5.9

$$y = 2.9519\text{E-}004 * x + 4.9232\text{E-}006$$

$$R = 1.0000$$

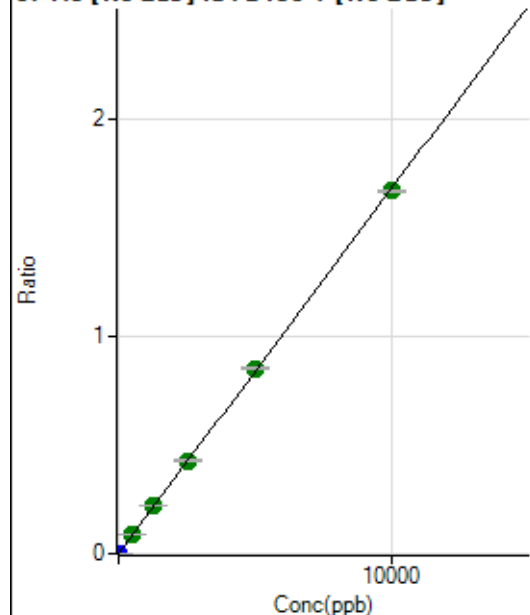
$$DL = 0.01166$$

$$BEC = 0.01668$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	32.22	0.0000	P	40.2
2	<input type="checkbox"/>	5.000	4.818	13217.17	0.0008	P	1.6
3	<input type="checkbox"/>	500.000	541.074	1469365.21	0.0911	A	2.4
4	<input type="checkbox"/>	1250.000	1316.844	3512375.85	0.2216	A	3.1
5	<input type="checkbox"/>	2500.000	2548.607	6889276.08	0.4289	A	1.1
6	<input type="checkbox"/>	5000.000	5077.930	13624842.99	0.8546	A	1.8
7	<input type="checkbox"/>	10000.000	9938.474	27628884.59	1.6726	A	0.5
8	<input type="checkbox"/>			5576.67	0.0003	P	6.7

$$y = 1.6829\text{E-}004 * x + 1.9443\text{E-}006$$

$$R = 0.9999$$

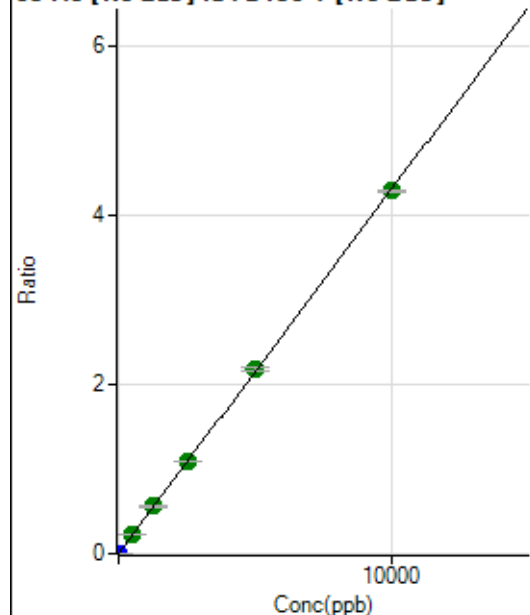
$$DL = 0.01393$$

$$BEC = 0.01155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	55.56	0.0000	P	23.3
2	<input type="checkbox"/>	5.000	4.831	33851.44	0.0021	P	2.0
3	<input type="checkbox"/>	500.000	521.746	3622634.22	0.2245	A	1.9
4	<input type="checkbox"/>	1250.000	1301.572	8876567.51	0.5600	A	2.6
5	<input type="checkbox"/>	2500.000	2524.553	17447517.52	1.0862	A	1.0
6	<input type="checkbox"/>	5000.000	5054.993	34673970.04	2.1750	A	2.1
7	<input type="checkbox"/>	10000.000	9958.831	70785303.39	4.2850	A	0.4
8	<input type="checkbox"/>			13548.62	0.0008	P	6.8

$$y = 4.3027\text{E-}004 * x + 3.3583\text{E-}006$$

$$R = 1.0000$$

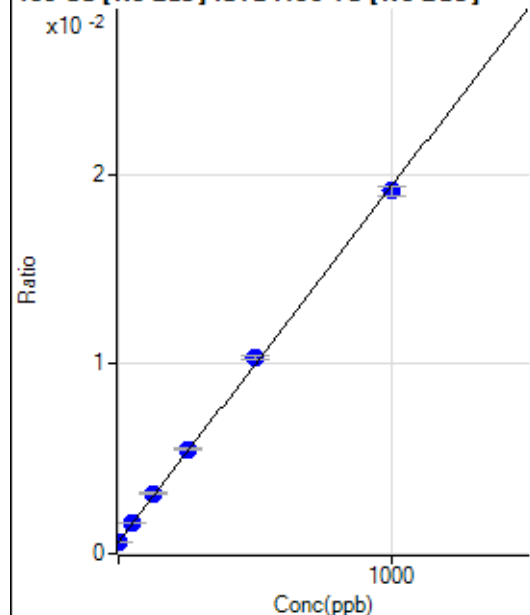
$$DL = 0.005462$$

$$BEC = 0.007805$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	7517.56	0.0006	P	2.9
2	<input type="checkbox"/>	1.000	0.632	7484.23	0.0006	P	0.5
3	<input type="checkbox"/>	50.000	53.917	19498.76	0.0016	P	1.0
4	<input type="checkbox"/>	125.000	136.358	36989.24	0.0032	P	2.0
5	<input type="checkbox"/>	250.000	260.350	66236.84	0.0055	P	1.8
6	<input type="checkbox"/>	500.000	517.525	122556.61	0.0103	P	1.3
7	<input type="checkbox"/>	1000.000	987.035	235603.48	0.0191	P	2.7
8	<input type="checkbox"/>			7453.09	0.0006	P	1.6

$$y = 1.8757\text{E-}005 * x + 6.2536\text{E-}004$$

$$R = 0.9997$$

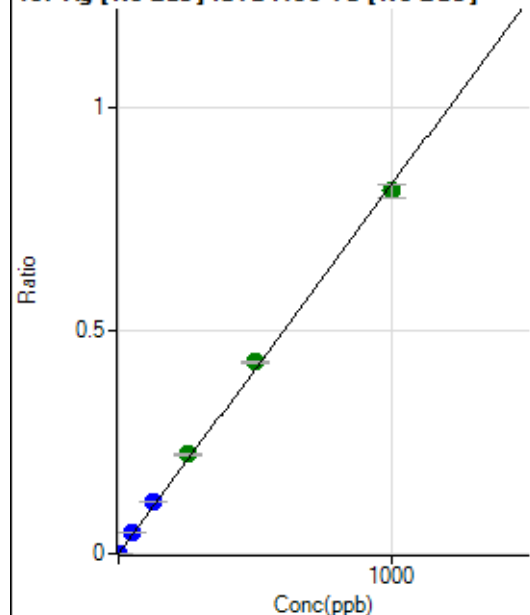
$$DL = 2.941$$

$$BEC = 33.34$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	86.67	0.0000	P	19.6
2	<input type="checkbox"/>	1.000	1.044	10234.80	0.0009	P	0.3
3	<input type="checkbox"/>	50.000	56.326	555370.95	0.0466	P	1.9
4	<input type="checkbox"/>	125.000	142.171	1367716.57	0.1177	P	0.3
5	<input type="checkbox"/>	250.000	270.131	2688232.01	0.2236	A	1.5
6	<input type="checkbox"/>	500.000	519.061	5095488.99	0.4296	A	1.7
7	<input type="checkbox"/>	1000.000	982.974	10014011.94	0.8136	A	3.5
8	<input type="checkbox"/>			2304.65	0.0002	P	4.1

$$y = 8.2768\text{E-}004 * x + 7.2039\text{E-}006$$

$$R = 0.9994$$

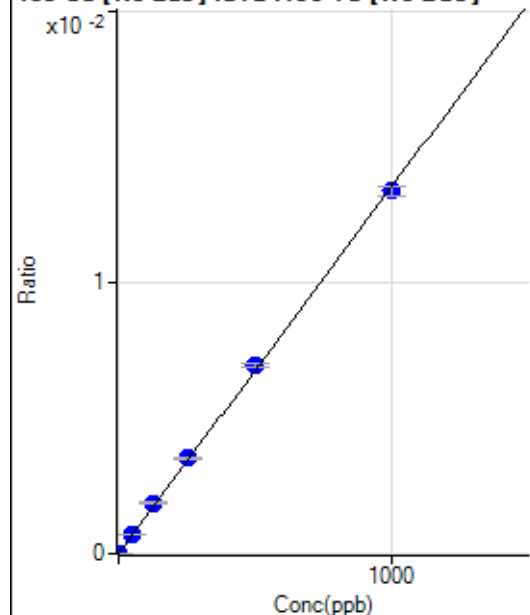
$$DL = 0.005118$$

$$BEC = 0.008704$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	10.00	0.0000	P	1.3
2	<input type="checkbox"/>	1.000	0.928	156.67	0.0000	P	17.3
3	<input type="checkbox"/>	50.000	54.378	8762.72	0.0007	P	0.9
4	<input type="checkbox"/>	125.000	137.786	21641.78	0.0019	P	2.0
5	<input type="checkbox"/>	250.000	260.181	42273.64	0.0035	P	1.2
6	<input type="checkbox"/>	500.000	512.795	82169.83	0.0069	P	2.4
7	<input type="checkbox"/>	1000.000	989.240	164529.64	0.0134	P	2.6
8	<input type="checkbox"/>			100.00	0.0000	P	17.7

$$y = 1.3510\text{E-}005 * x + 8.3175\text{E-}007$$

$$R = 0.9998$$

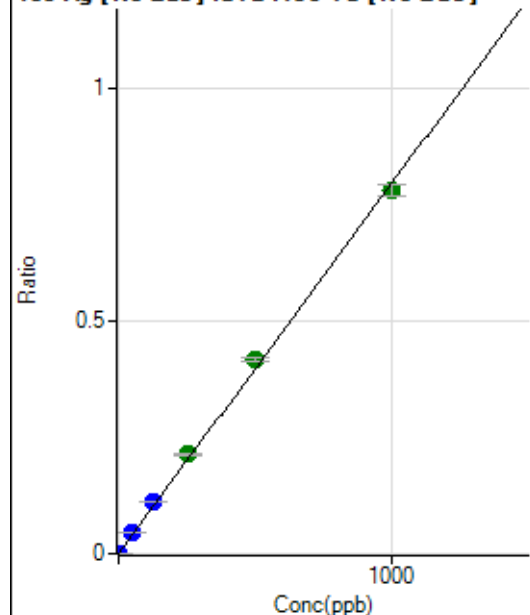
$$DL = 0.002446$$

$$BEC = 0.06157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	18.89	0.0000	P	70.1
2	<input type="checkbox"/>	1.000	1.027	9604.38	0.0008	P	0.8
3	<input type="checkbox"/>	50.000	56.444	534335.10	0.0449	P	1.6
4	<input type="checkbox"/>	125.000	141.134	1303587.05	0.1122	P	0.5
5	<input type="checkbox"/>	250.000	269.617	2576142.76	0.2143	A	1.6
6	<input type="checkbox"/>	500.000	524.211	4941163.85	0.4166	A	1.9
7	<input type="checkbox"/>	1000.000	980.651	9592961.73	0.7794	A	3.2
8	<input type="checkbox"/>			2050.16	0.0002	P	3.5

$$y = 7.9473\text{E-}004 * x + 1.5626\text{E-}006$$

$$R = 0.9993$$

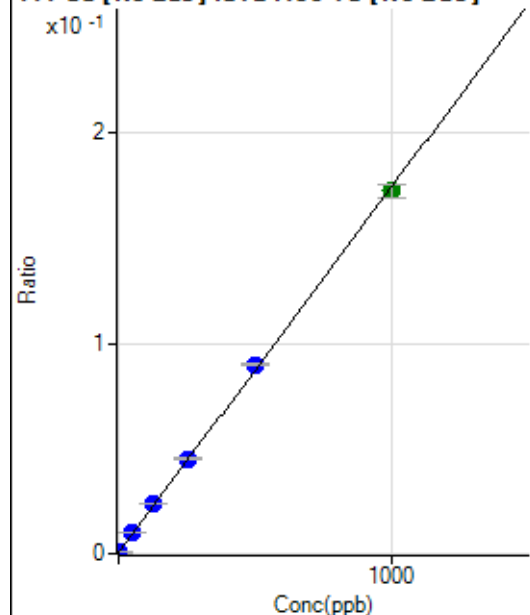
$$DL = 0.004134$$

$$BEC = 0.001966$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	5263.07	0.0004	P	2.9
2	<input type="checkbox"/>	1.000	1.044	7278.36	0.0006	P	1.0
3	<input type="checkbox"/>	50.000	53.248	115623.14	0.0097	P	1.4
4	<input type="checkbox"/>	125.000	134.395	276935.55	0.0238	P	1.7
5	<input type="checkbox"/>	250.000	257.234	543648.03	0.0452	P	1.0
6	<input type="checkbox"/>	500.000	514.615	1067753.25	0.0900	P	1.5
7	<input type="checkbox"/>	1000.000	989.547	2125542.12	0.1727	A	3.4
8	<input type="checkbox"/>			6081.65	0.0005	P	1.9

$$y = 1.7407\text{E-}004 * x + 4.3782\text{E-}004$$

$$R = 0.9998$$

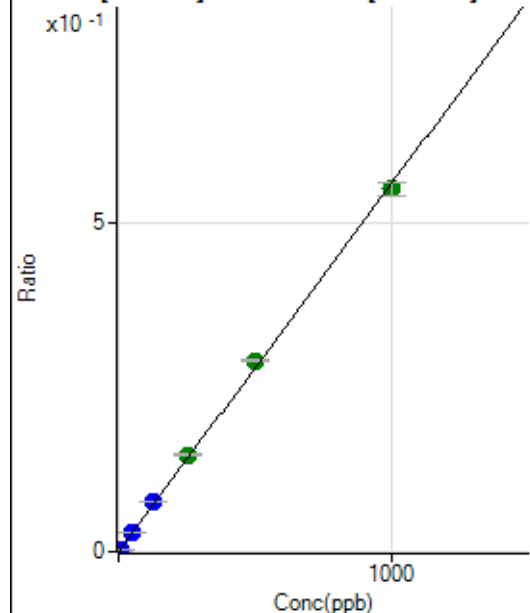
$$DL = 0.2204$$

$$BEC = 2.515$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1835.70	0.0002	P	1.7
2	<input type="checkbox"/>	5.000	4.830	33563.57	0.0029	P	1.2
3	<input type="checkbox"/>	50.000	52.956	355017.25	0.0298	P	1.7
4	<input type="checkbox"/>	125.000	134.336	875915.59	0.0754	P	1.4
5	<input type="checkbox"/>	250.000	261.652	1763433.79	0.1467	A	1.7
6	<input type="checkbox"/>	500.000	519.578	3452850.30	0.2911	A	1.5
7	<input type="checkbox"/>	1000.000	985.984	6797224.06	0.5523	A	3.6
8	<input type="checkbox"/>			4874.23	0.0004	P	2.9

$$y = 5.5995\text{E-}004 * x + 1.5267\text{E-}004$$

$$R = 0.9996$$

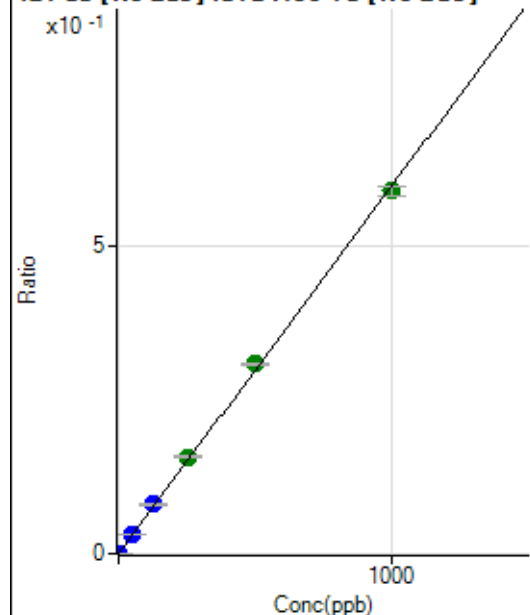
$$DL = 0.01418$$

$$BEC = 0.2726$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	33.33	0.0000	P	27.5
2	<input type="checkbox"/>	2.000	1.987	13926.86	0.0012	P	3.0
3	<input type="checkbox"/>	50.000	52.522	372776.83	0.0313	P	1.1
4	<input type="checkbox"/>	125.000	133.594	924993.90	0.0796	P	1.0
5	<input type="checkbox"/>	250.000	262.509	1880629.40	0.1564	A	1.9
6	<input type="checkbox"/>	500.000	515.784	3645027.58	0.3073	A	1.1
7	<input type="checkbox"/>	1000.000	987.781	7244594.27	0.5885	A	2.5
8	<input type="checkbox"/>			5123.19	0.0004	P	0.6

$$y = 5.9577\text{E-}004 * x + 2.7790\text{E-}006$$

$$R = 0.9997$$

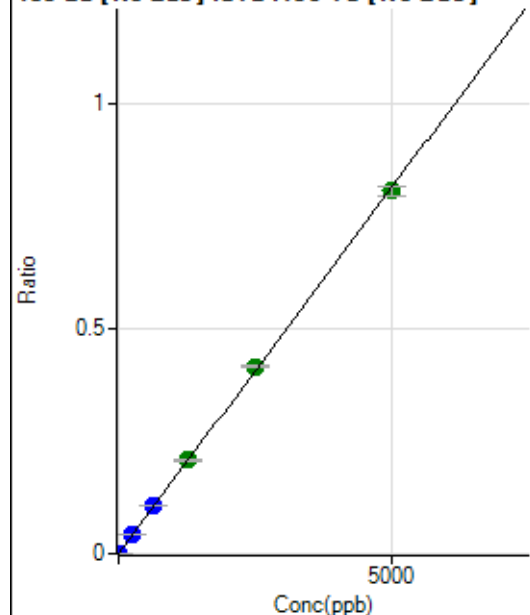
$$DL = 0.003855$$

$$BEC = 0.004665$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	34.44	0.0000	P	25.4
2	<input type="checkbox"/>	10.000	9.642	18469.84	0.0016	P	2.0
3	<input type="checkbox"/>	250.000	258.847	502072.70	0.0422	P	2.0
4	<input type="checkbox"/>	625.000	658.458	1246090.52	0.1072	P	1.1
5	<input type="checkbox"/>	1250.000	1274.781	2496016.32	0.2076	A	1.9
6	<input type="checkbox"/>	2500.000	2561.089	4946338.57	0.4170	A	1.9
7	<input type="checkbox"/>	5000.000	4958.636	9939599.43	0.8075	A	2.8
8	<input type="checkbox"/>			5563.36	0.0005	P	2.9

$$y = 1.6284\text{E-}004 * x + 2.8702\text{E-}006$$

$$R = 0.9999$$

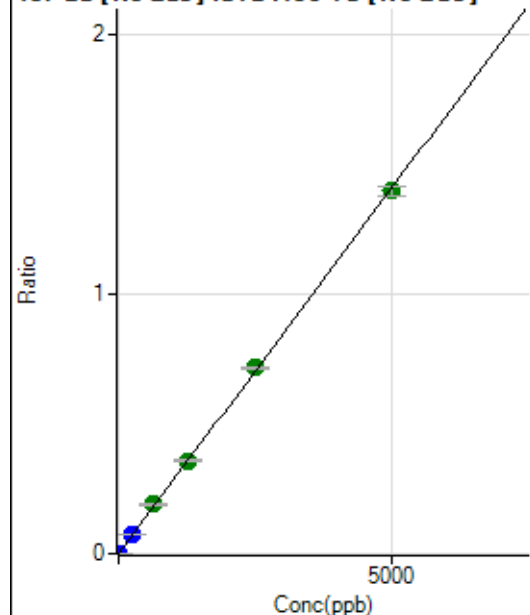
$$DL = 0.01345$$

$$BEC = 0.01763$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	60.00	0.0000	P	4.3
2	<input type="checkbox"/>	10.000	9.631	31839.07	0.0027	P	1.2
3	<input type="checkbox"/>	250.000	262.061	877100.64	0.0736	P	1.7
4	<input type="checkbox"/>	625.000	676.925	2210118.91	0.1902	A	2.5
5	<input type="checkbox"/>	1250.000	1272.434	4298398.86	0.3575	A	1.5
6	<input type="checkbox"/>	2500.000	2544.325	8479516.54	0.7149	A	1.0
7	<input type="checkbox"/>	5000.000	4965.136	17174531.97	1.3951	A	2.3
8	<input type="checkbox"/>			9677.81	0.0008	P	2.7

$$y = 2.8097\text{E-}004 * x + 4.9882\text{E-}006$$

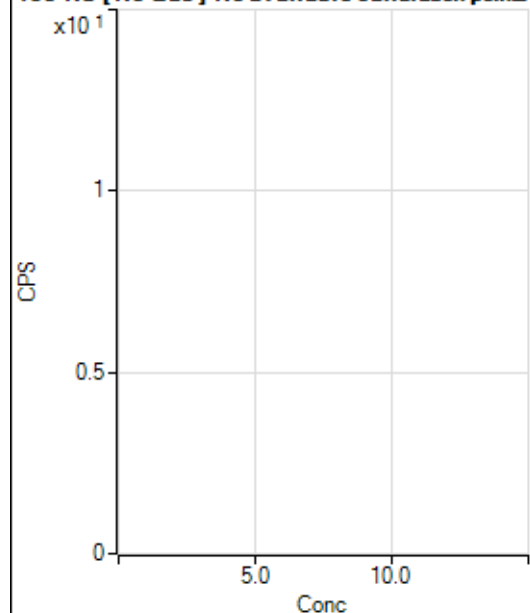
$$R = 0.9999$$

$$DL = 0.002313$$

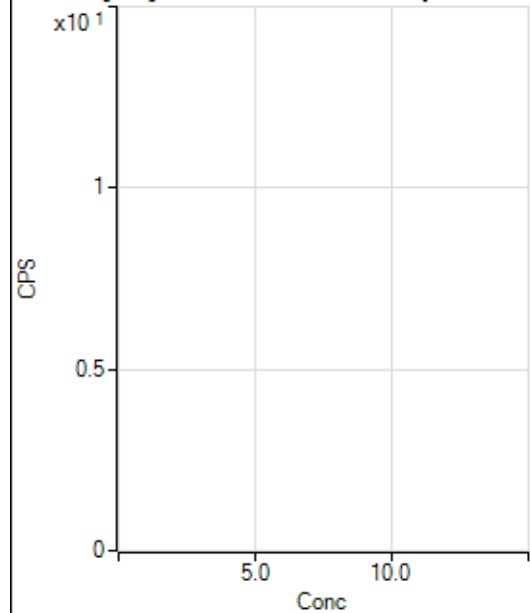
$$BEC = 0.01775$$

Weight: <None>

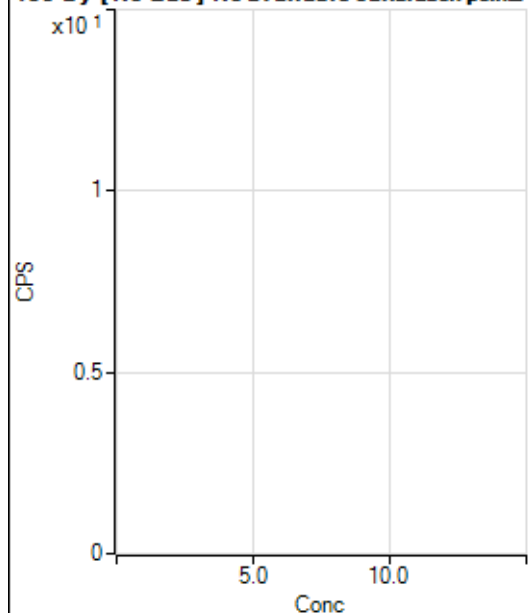
Min Conc: 0

150 Nd [No Gas] No available calibration points

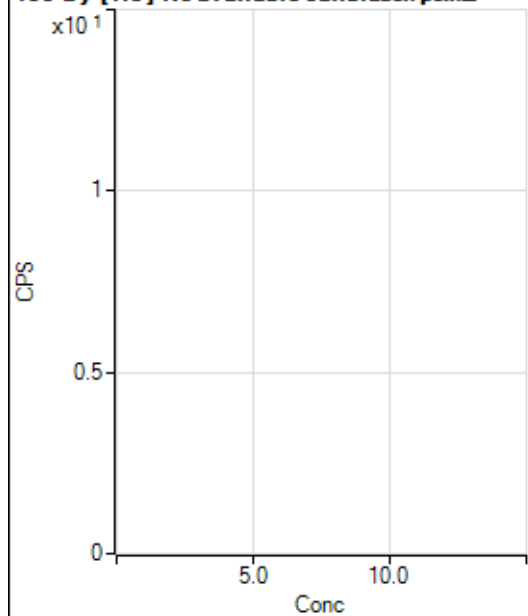
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			13.33		P	50.0
2	<input type="checkbox"/>			8.89		P	43.3
3	<input type="checkbox"/>			78.89		P	6.5
4	<input type="checkbox"/>			156.67		P	21.0
5	<input type="checkbox"/>			261.12		P	15.2
6	<input type="checkbox"/>			520.02		P	4.5
7	<input type="checkbox"/>			1030.05		P	7.8
8	<input type="checkbox"/>			305.56		P	11.2

150 Nd [He] No available calibration points

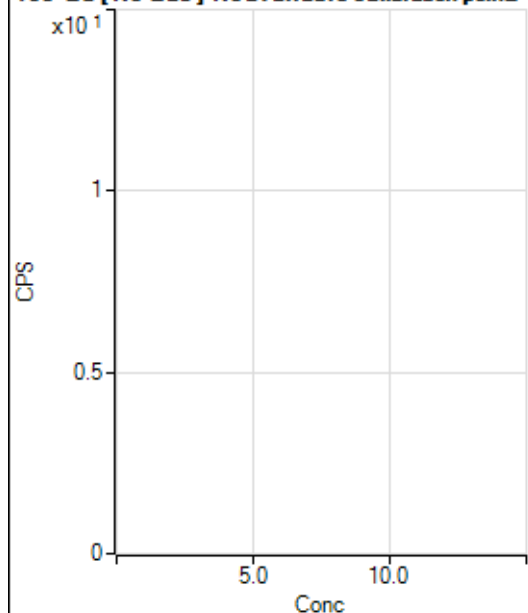
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.22		P	86.6
2	<input type="checkbox"/>			1.11		P	173.
3	<input type="checkbox"/>			31.11		P	12.4
4	<input type="checkbox"/>			41.11		P	16.9
5	<input type="checkbox"/>			47.78		P	58.5
6	<input type="checkbox"/>			148.89		P	11.3
7	<input type="checkbox"/>			276.67		P	12.2
8	<input type="checkbox"/>			182.23		P	26.3

156 Dy [No Gas] No available calibration points

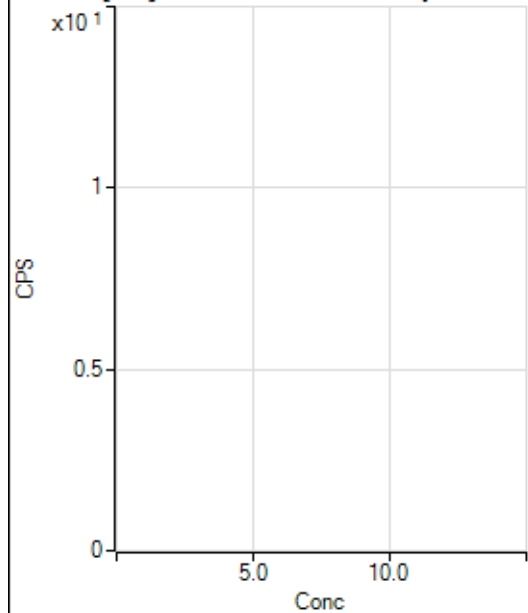
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			16.67		P	40.0
2	<input type="checkbox"/>			10.00		P	57.8
3	<input type="checkbox"/>			41.11		P	41.6
4	<input type="checkbox"/>			88.89		P	13.2
5	<input type="checkbox"/>			186.67		P	17.0
6	<input type="checkbox"/>			368.90		P	9.7
7	<input type="checkbox"/>			718.92		P	9.9
8	<input type="checkbox"/>			1945.71		P	3.3

156 Dy [He] No available calibration points

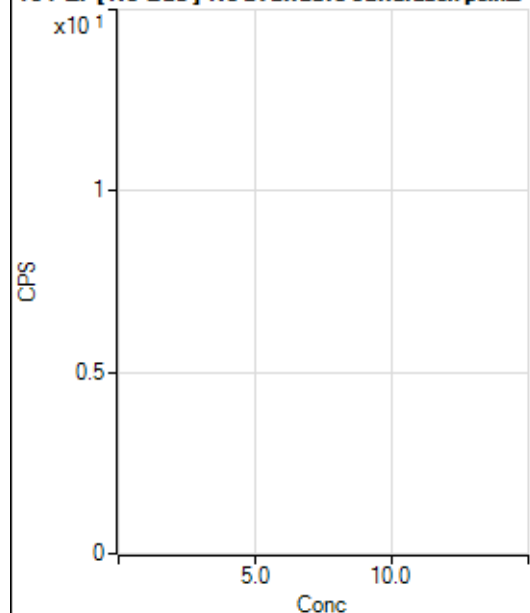
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4.44		P	43.4
2	<input type="checkbox"/>			2.22		P	173.
3	<input type="checkbox"/>			56.67		P	35.3
4	<input type="checkbox"/>			106.67		P	31.3
5	<input type="checkbox"/>			224.45		P	1.7
6	<input type="checkbox"/>			387.79		P	5.0
7	<input type="checkbox"/>			861.15		P	2.5
8	<input type="checkbox"/>			1126.72		P	2.5

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

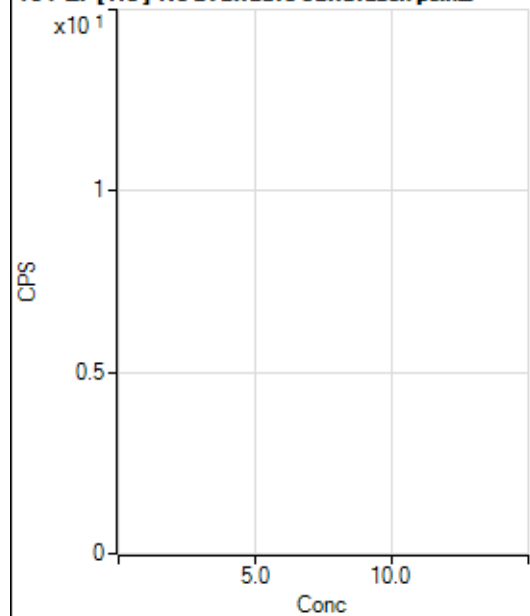
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			84.44		P	2.3
2	<input type="checkbox"/>			95.56		P	10.1
3	<input type="checkbox"/>			136.67		P	20.0
4	<input type="checkbox"/>			143.34		P	12.3
5	<input type="checkbox"/>			210.00		P	10.4
6	<input type="checkbox"/>			308.90		P	15.6
7	<input type="checkbox"/>			623.36		P	3.7
8	<input type="checkbox"/>			2187.97		P	5.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			504.46		P	5.0
2	<input type="checkbox"/>			477.79		P	10.0
3	<input type="checkbox"/>			572.24		P	9.6
4	<input type="checkbox"/>			483.34		P	4.3
5	<input type="checkbox"/>			594.46		P	1.6
6	<input type="checkbox"/>			708.91		P	5.9
7	<input type="checkbox"/>			843.37		P	3.8
8	<input type="checkbox"/>			1814.58		P	5.4

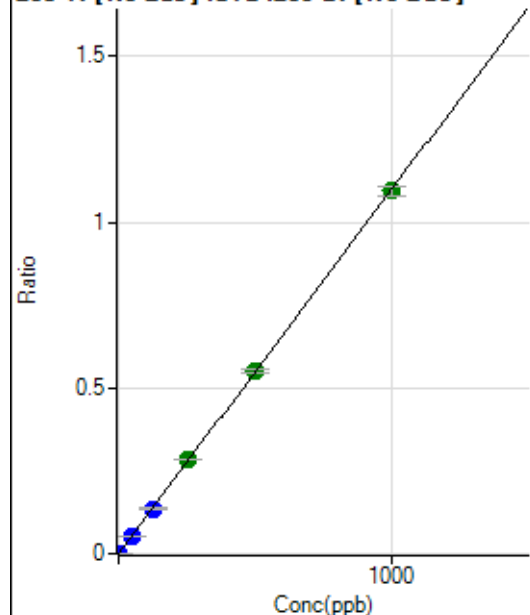
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			70.00		P	21.8
2	<input type="checkbox"/>			100.00		P	20.0
3	<input type="checkbox"/>			108.89		P	7.1
4	<input type="checkbox"/>			126.67		P	13.2
5	<input type="checkbox"/>			131.12		P	21.3
6	<input type="checkbox"/>			175.56		P	2.9
7	<input type="checkbox"/>			265.56		P	10.7
8	<input type="checkbox"/>			284.45		P	12.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			41.11		P	32.8
2	<input type="checkbox"/>			53.33		P	38.0
3	<input type="checkbox"/>			50.00		P	26.7
4	<input type="checkbox"/>			55.55		P	19.3
5	<input type="checkbox"/>			73.33		P	27.3
6	<input type="checkbox"/>			95.56		P	23.2
7	<input type="checkbox"/>			181.11		P	20.4
8	<input type="checkbox"/>			198.89		P	5.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	158.89	0.0000	P	16.3
2	<input type="checkbox"/>	1.000	0.905	8464.94	0.0010	P	3.7
3	<input type="checkbox"/>	50.000	49.184	454707.62	0.0540	P	2.4
4	<input type="checkbox"/>	125.000	124.061	1126136.54	0.1362	P	2.3
5	<input type="checkbox"/>	250.000	259.254	2407414.29	0.2846	A	1.5
6	<input type="checkbox"/>	500.000	502.563	4614189.34	0.5516	A	1.6
7	<input type="checkbox"/>	1000.000	996.563	9163292.92	1.0938	A	2.5
8	<input type="checkbox"/>			1347.86	0.0002	P	6.6

$$y = 0.0011 * x + 1.8610E-005$$

$$R = 0.9999$$

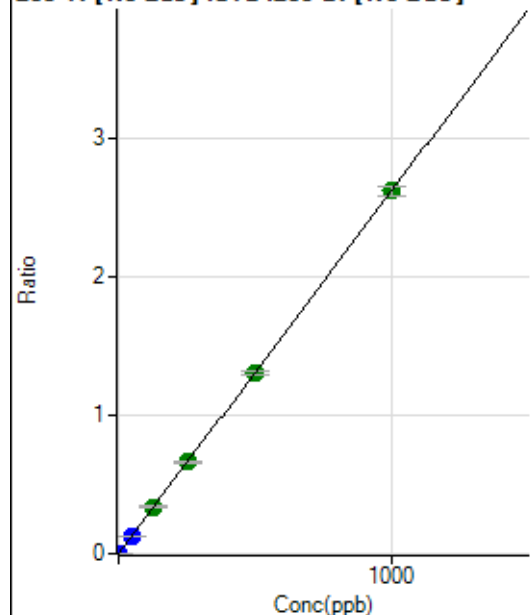
$$DL = 0.00827$$

$$BEC = 0.01696$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	382.23	0.0000	P	9.9
2	<input type="checkbox"/>	1.000	0.928	20743.73	0.0025	P	2.0
3	<input type="checkbox"/>	50.000	49.163	1086605.82	0.1290	P	1.9
4	<input type="checkbox"/>	125.000	128.724	2792763.20	0.3378	A	3.2
5	<input type="checkbox"/>	250.000	252.463	5604393.77	0.6625	A	1.4
6	<input type="checkbox"/>	500.000	497.581	10921361.78	1.3056	A	1.5
7	<input type="checkbox"/>	1000.000	1000.170	21982653.84	2.6243	A	2.7
8	<input type="checkbox"/>			3231.53	0.0004	P	9.7

$$y = 0.0026 * x + 4.4785E-005$$

$$R = 1.0000$$

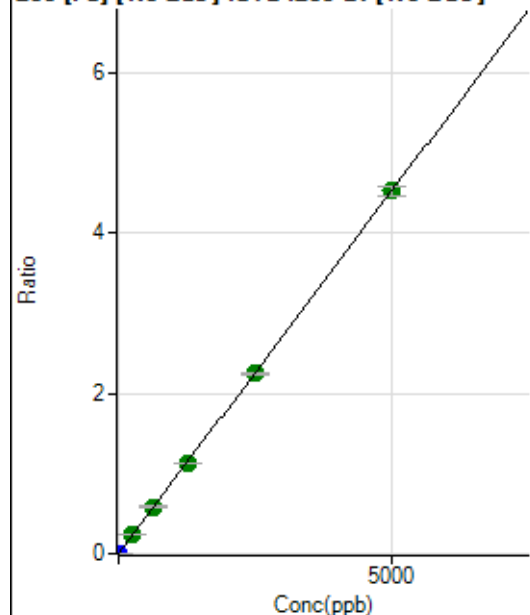
$$DL = 0.00507$$

$$BEC = 0.01707$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	396.68	0.0000	P	3.5
2	<input type="checkbox"/>	1.000	0.943	7526.60	0.0009	P	4.5
3	<input type="checkbox"/>	250.000	261.736	1994510.84	0.2369	A	3.2
4	<input type="checkbox"/>	625.000	648.099	4849715.48	0.5865	A	2.8
5	<input type="checkbox"/>	1250.000	1245.834	9538732.01	1.1275	A	1.2
6	<input type="checkbox"/>	2500.000	2485.055	18812180.55	2.2489	A	0.9
7	<input type="checkbox"/>	5000.000	5005.040	37941936.66	4.5294	A	2.6
8	<input type="checkbox"/>			14830.40	0.0020	P	3.7

$$y = 9.0496\text{E-}004 * x + 4.6440\text{E-}005$$

$$R = 1.0000$$

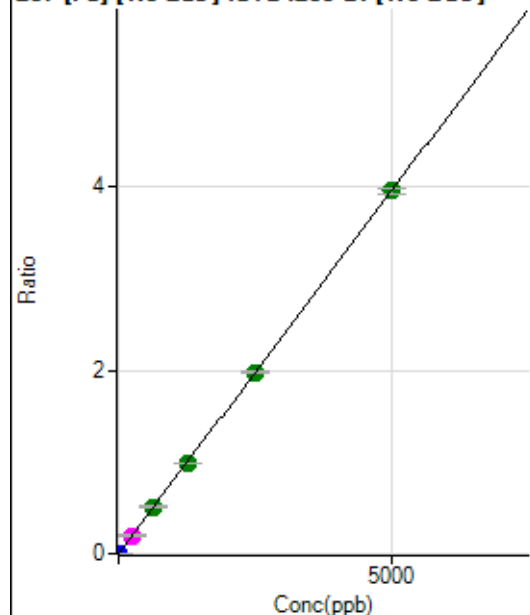
$$DL = 0.005355$$

$$BEC = 0.05132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	347.79	0.0000	P	5.9
2	<input type="checkbox"/>	1.000	0.955	6668.37	0.0008	P	3.4
3	<input type="checkbox"/>	250.000	251.206	1675962.77	0.1990	M	3.9
4	<input type="checkbox"/>	625.000	647.150	4238274.66	0.5126	A	2.7
5	<input type="checkbox"/>	1250.000	1250.360	8380347.31	0.9903	A	0.2
6	<input type="checkbox"/>	2500.000	2493.229	16517702.67	1.9747	A	1.1
7	<input type="checkbox"/>	5000.000	5000.467	33183677.84	3.9604	A	1.4
8	<input type="checkbox"/>			12382.41	0.0017	P	2.5

$$y = 7.9200\text{E-}004 * x + 4.0734\text{E-}005$$

$$R = 1.0000$$

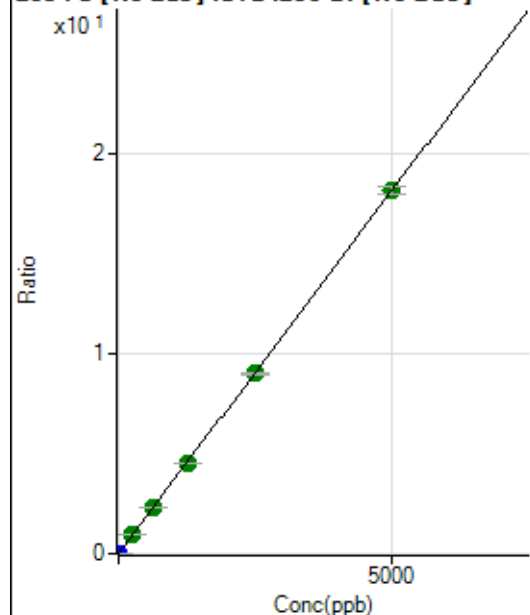
$$DL = 0.009107$$

$$BEC = 0.05143$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1600.05	0.0002	P	2.2
2	<input type="checkbox"/>	1.000	0.945	30296.83	0.0036	P	2.1
3	<input type="checkbox"/>	250.000	255.037	7805304.86	0.9270	A	2.4
4	<input type="checkbox"/>	625.000	640.102	19236889.85	2.3262	A	2.0
5	<input type="checkbox"/>	1250.000	1248.409	38387228.32	4.5367	A	0.3
6	<input type="checkbox"/>	2500.000	2488.485	75641278.46	9.0430	A	1.1
7	<input type="checkbox"/>	5000.000	5004.016	152332007.1	18.1840	A	2.3
8	<input type="checkbox"/>			58386.39	0.0080	P	2.7

$$y = 0.0036 * x + 1.8732E-004$$

$$R = 1.0000$$

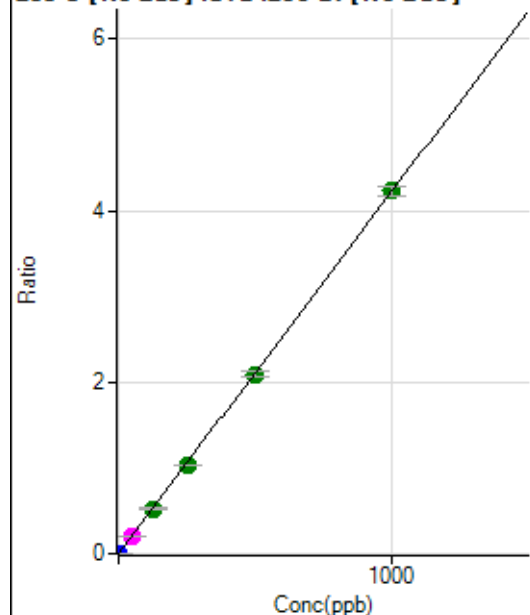
$$DL = 0.003393$$

$$BEC = 0.05155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	27.78	0.0000	P	26.7
2	<input type="checkbox"/>	1.000	0.871	30744.35	0.0037	P	3.1
3	<input type="checkbox"/>	50.000	48.038	1707564.50	0.2027	M	3.0
4	<input type="checkbox"/>	125.000	124.616	4346652.23	0.5257	A	2.8
5	<input type="checkbox"/>	250.000	245.280	8753741.12	1.0347	A	1.3
6	<input type="checkbox"/>	500.000	496.772	17528438.49	2.0956	A	2.7
7	<input type="checkbox"/>	1000.000	1002.940	35440783.64	4.2309	A	2.9
8	<input type="checkbox"/>			4679.76	0.0006	P	9.6

$$y = 0.0042 * x + 3.2468E-006$$

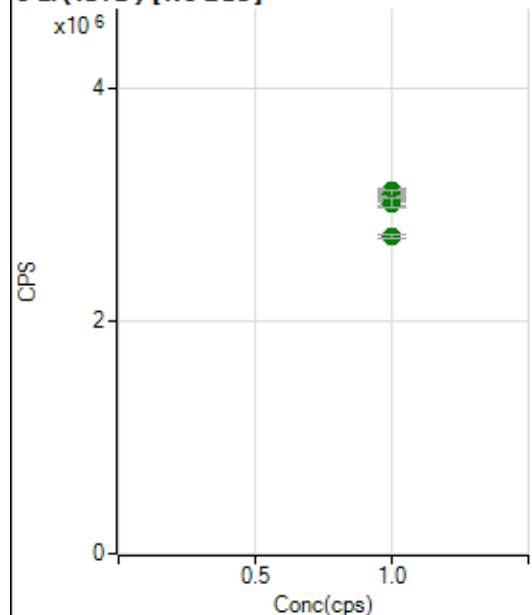
$$R = 1.0000$$

$$DL = 0.0006171$$

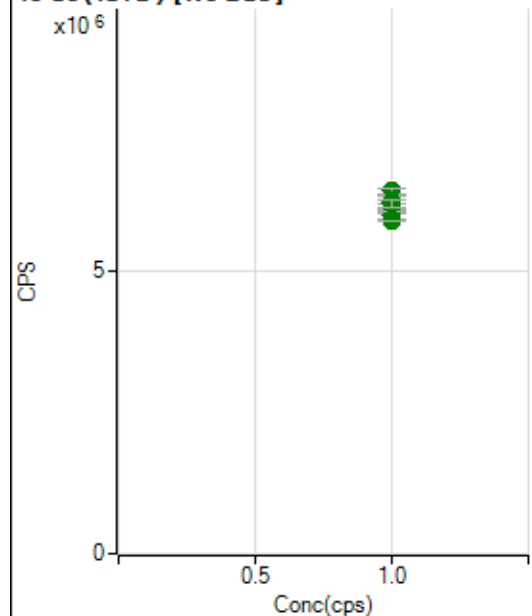
$$BEC = 0.0007697$$

Weight: <None>

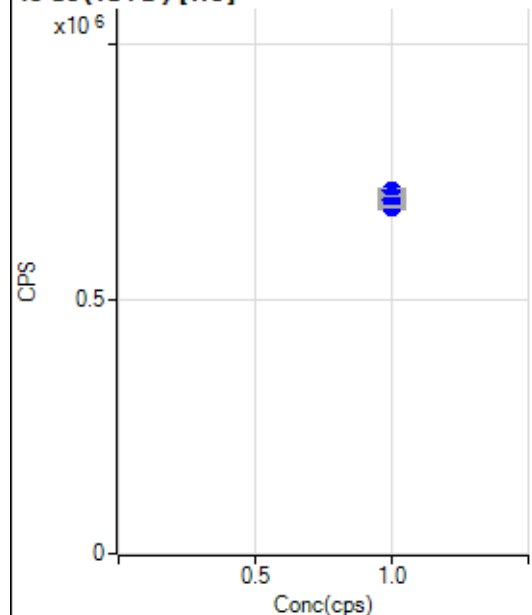
Min Conc: 0

6 Li (ISTD) [No Gas]

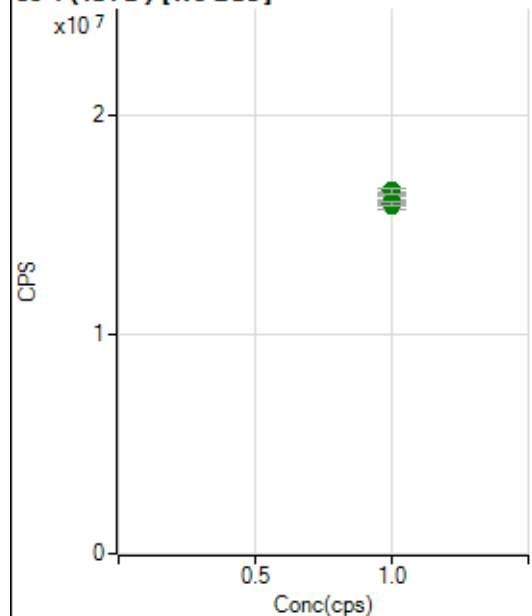
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3122241.69		A	1.7
2	<input type="checkbox"/>	1.000		3076725.02		A	1.9
3	<input type="checkbox"/>	1.000		3090260.37		A	1.5
4	<input type="checkbox"/>	1.000		3076925.09		A	1.0
5	<input type="checkbox"/>	1.000		3100202.97		A	1.4
6	<input type="checkbox"/>	1.000		3005998.36		A	1.1
7	<input type="checkbox"/>	1.000		3019144.47		A	3.1
8	<input type="checkbox"/>	1.000		2731891.38		A	1.2

45 Sc (ISTD) [No Gas]

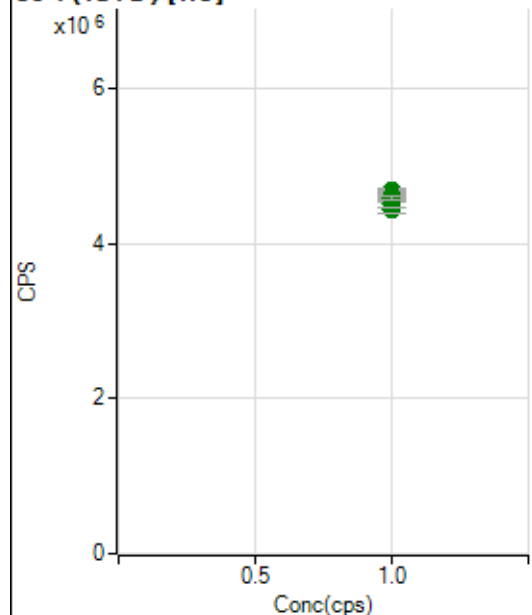
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6400786.85		A	1.7
2	<input type="checkbox"/>	1.000		6233571.92		A	2.4
3	<input type="checkbox"/>	1.000		6212233.24		A	1.0
4	<input type="checkbox"/>	1.000		6048362.89		A	1.1
5	<input type="checkbox"/>	1.000		5976751.37		A	2.5
6	<input type="checkbox"/>	1.000		5870076.79		A	0.5
7	<input type="checkbox"/>	1.000		6094548.24		A	2.3
8	<input type="checkbox"/>	1.000		6175282.96		A	2.4

45 Sc (ISTD) [He]

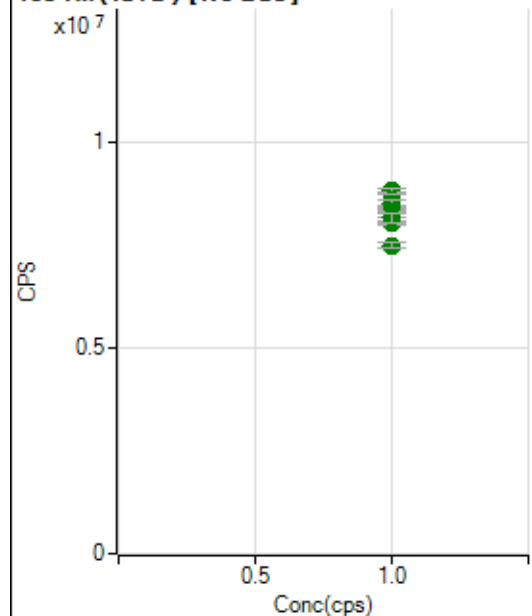
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		710184.33		P	0.8
2	<input type="checkbox"/>	1.000		713080.18		P	1.0
3	<input type="checkbox"/>	1.000		701914.07		P	1.6
4	<input type="checkbox"/>	1.000		694960.74		P	1.4
5	<input type="checkbox"/>	1.000		680930.92		P	0.9
6	<input type="checkbox"/>	1.000		687685.32		P	2.5
7	<input type="checkbox"/>	1.000		696397.31		P	2.0
8	<input type="checkbox"/>	1.000		683279.76		P	0.7

89 Y (ISTD) [No Gas]

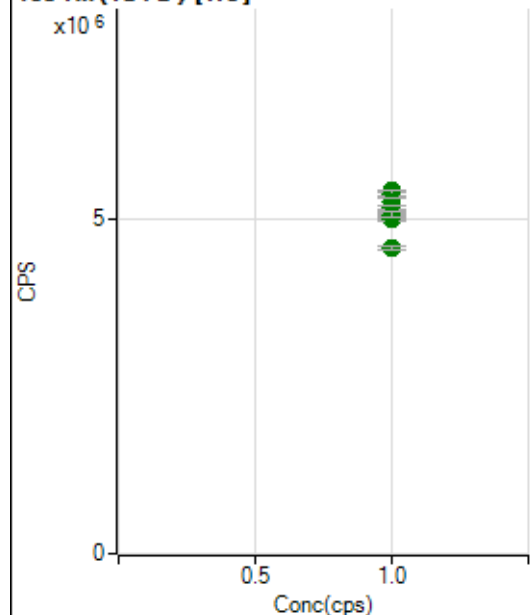
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		16494259.89		A	1.9
2	<input type="checkbox"/>	1.000		16266695.04		A	2.8
3	<input type="checkbox"/>	1.000		16140892.54		A	2.1
4	<input type="checkbox"/>	1.000		15854357.68		A	1.8
5	<input type="checkbox"/>	1.000		16065044.76		A	2.6
6	<input type="checkbox"/>	1.000		15945398.79		A	1.7
7	<input type="checkbox"/>	1.000		16519587.95		A	1.9
8	<input type="checkbox"/>	1.000		15954071.57		A	1.0

89 Y (ISTD) [He]

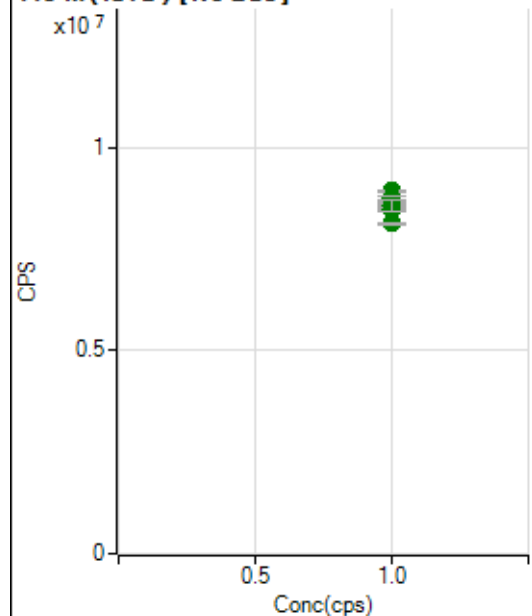
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4673038.89		A	1.2
2	<input type="checkbox"/>	1.000		4641521.70		A	1.3
3	<input type="checkbox"/>	1.000		4593485.10		A	1.7
4	<input type="checkbox"/>	1.000		4554039.69		A	1.1
5	<input type="checkbox"/>	1.000		4422699.97		A	1.9
6	<input type="checkbox"/>	1.000		4501205.00		A	2.3
7	<input type="checkbox"/>	1.000		4596582.54		A	1.7
8	<input type="checkbox"/>	1.000		4582725.80		A	0.8

103 Rh (ISTD) [No Gas]

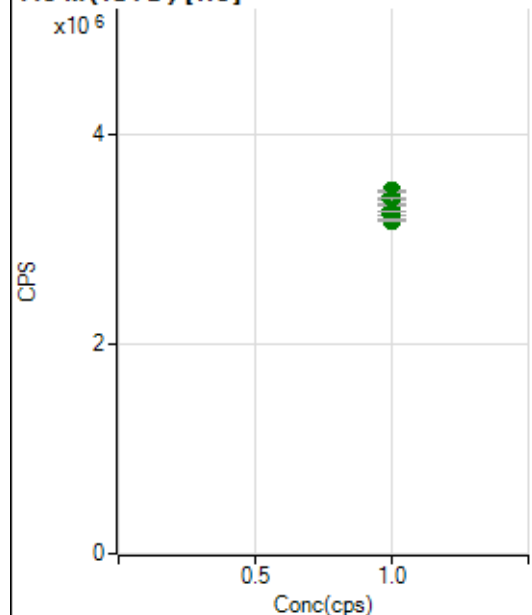
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8825778.20		A	1.1
2	<input type="checkbox"/>	1.000		8621577.72		A	3.1
3	<input type="checkbox"/>	1.000		8528443.07		A	2.3
4	<input type="checkbox"/>	1.000		8319827.17		A	1.3
5	<input type="checkbox"/>	1.000		8256951.75		A	2.1
6	<input type="checkbox"/>	1.000		8054225.09		A	1.2
7	<input type="checkbox"/>	1.000		8164056.75		A	2.7
8	<input type="checkbox"/>	1.000		7501990.37		A	2.1

103 Rh (ISTD) [He]

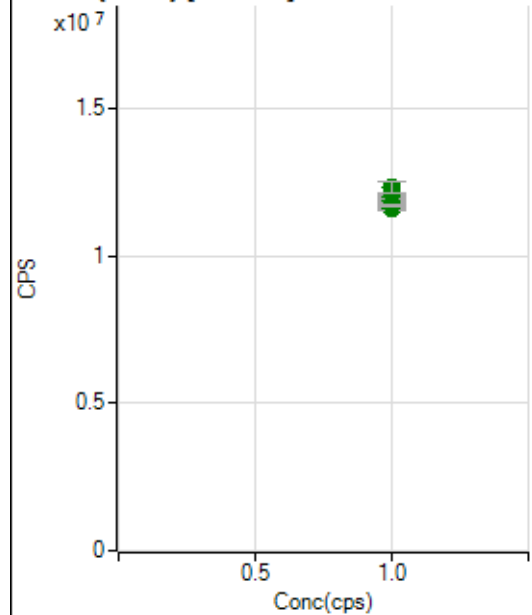
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5415503.91		A	0.2
2	<input type="checkbox"/>	1.000		5369898.67		A	1.6
3	<input type="checkbox"/>	1.000		5253353.08		A	1.7
4	<input type="checkbox"/>	1.000		5159189.09		A	0.9
5	<input type="checkbox"/>	1.000		5047275.27		A	1.5
6	<input type="checkbox"/>	1.000		5005874.99		A	2.0
7	<input type="checkbox"/>	1.000		5060896.14		A	2.0
8	<input type="checkbox"/>	1.000		4567144.72		A	1.1

115 In (ISTD) [No Gas]

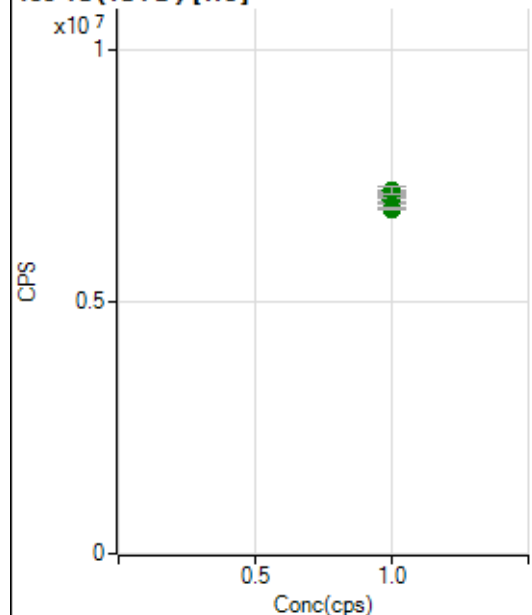
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8929149.69		A	0.8
2	<input type="checkbox"/>	1.000		8783118.51		A	3.0
3	<input type="checkbox"/>	1.000		8773751.85		A	1.2
4	<input type="checkbox"/>	1.000		8490924.47		A	1.6
5	<input type="checkbox"/>	1.000		8532760.09		A	1.4
6	<input type="checkbox"/>	1.000		8465518.95		A	1.1
7	<input type="checkbox"/>	1.000		8552479.29		A	3.3
8	<input type="checkbox"/>	1.000		8121706.83		A	1.0

115 In (ISTD) [He]

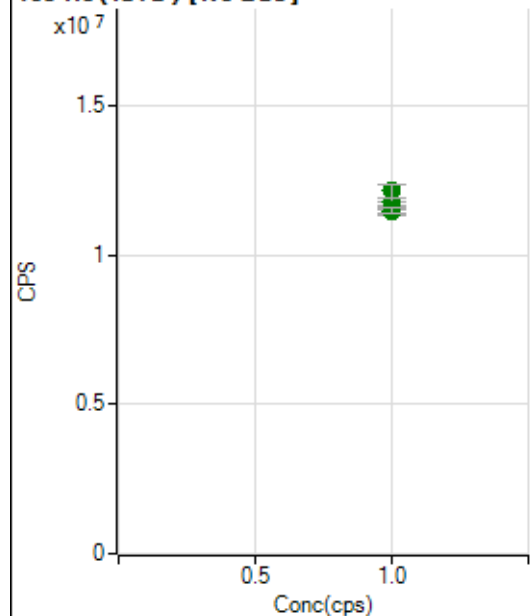
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3461137.97		A	0.5
2	<input type="checkbox"/>	1.000		3417645.80		A	2.2
3	<input type="checkbox"/>	1.000		3369444.30		A	1.7
4	<input type="checkbox"/>	1.000		3285184.70		A	1.7
5	<input type="checkbox"/>	1.000		3241520.07		A	1.0
6	<input type="checkbox"/>	1.000		3232110.94		A	2.4
7	<input type="checkbox"/>	1.000		3225270.52		A	1.9
8	<input type="checkbox"/>	1.000		3180787.17		A	0.6

159 Tb (ISTD) [No Gas]

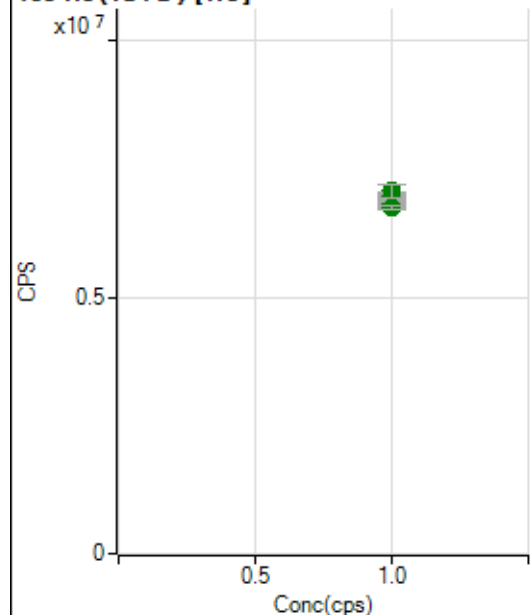
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		12024308.57		A	1.3
2	<input type="checkbox"/>	1.000		11745920.80		A	2.6
3	<input type="checkbox"/>	1.000		11914037.60		A	2.2
4	<input type="checkbox"/>	1.000		11622712.46		A	1.7
5	<input type="checkbox"/>	1.000		12025247.60		A	2.1
6	<input type="checkbox"/>	1.000		11862701.35		A	1.8
7	<input type="checkbox"/>	1.000		12317286.07		A	3.3
8	<input type="checkbox"/>	1.000		11728802.67		A	0.9

159 Tb (ISTD) [He]

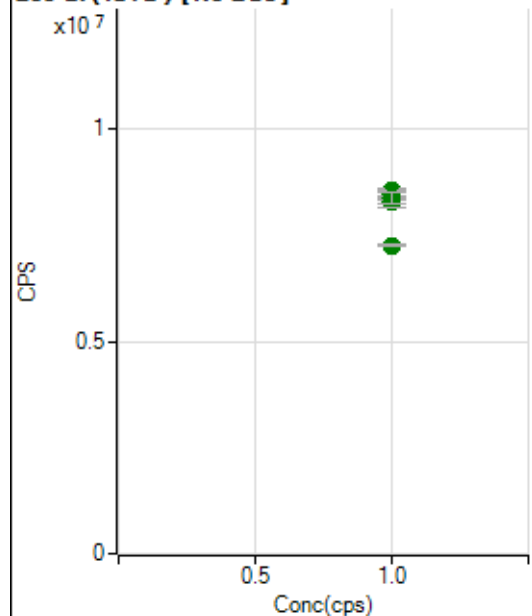
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7172845.17		A	0.6
2	<input type="checkbox"/>	1.000		7074860.52		A	0.5
3	<input type="checkbox"/>	1.000		7040404.82		A	1.2
4	<input type="checkbox"/>	1.000		7032230.45		A	1.6
5	<input type="checkbox"/>	1.000		7017640.80		A	1.8
6	<input type="checkbox"/>	1.000		7131016.35		A	2.1
7	<input type="checkbox"/>	1.000		7210211.49		A	2.0
8	<input type="checkbox"/>	1.000		6848923.16		A	0.7

165 Ho (ISTD) [No Gas]

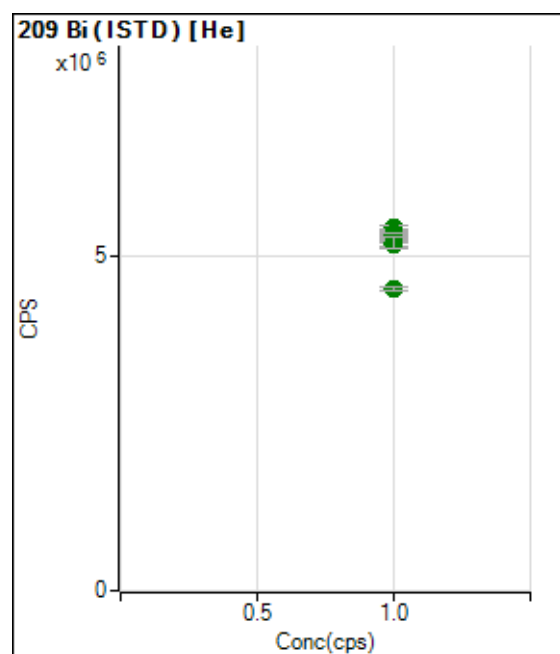
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		11769273.57		A	0.2
2	<input type="checkbox"/>	1.000		11481682.89		A	2.1
3	<input type="checkbox"/>	1.000		11564517.95		A	1.4
4	<input type="checkbox"/>	1.000		11426158.86		A	1.8
5	<input type="checkbox"/>	1.000		11773721.84		A	2.0
6	<input type="checkbox"/>	1.000		11543338.86		A	0.4
7	<input type="checkbox"/>	1.000		12133116.35		A	3.5
8	<input type="checkbox"/>	1.000		11478849.07		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6994888.16		A	1.4
2	<input type="checkbox"/>	1.000		6940564.90		A	2.2
3	<input type="checkbox"/>	1.000		6869364.69		A	1.8
4	<input type="checkbox"/>	1.000		6914702.88		A	1.4
5	<input type="checkbox"/>	1.000		6808432.95		A	1.9
6	<input type="checkbox"/>	1.000		6956806.63		A	1.6
7	<input type="checkbox"/>	1.000		7071699.34		A	4.0
8	<input type="checkbox"/>	1.000		6747825.32		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8541369.53		A	1.2
2	<input type="checkbox"/>	1.000		8369767.65		A	3.4
3	<input type="checkbox"/>	1.000		8423296.19		A	2.4
4	<input type="checkbox"/>	1.000		8272762.93		A	2.9
5	<input type="checkbox"/>	1.000		8461888.55		A	2.6
6	<input type="checkbox"/>	1.000		8364918.49		A	0.8
7	<input type="checkbox"/>	1.000		8381346.20		A	3.2
8	<input type="checkbox"/>	1.000		7254216.70		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		5420048.36		A	1.2
2	<input type="checkbox"/>	1.000		5344750.51		A	1.5
3	<input type="checkbox"/>	1.000		5335128.29		A	0.2
4	<input type="checkbox"/>	1.000		5305721.00		A	1.7
5	<input type="checkbox"/>	1.000		5191296.55		A	1.6
6	<input type="checkbox"/>	1.000		5175070.16		A	1.4
7	<input type="checkbox"/>	1.000		5200419.23		A	3.6
8	<input type="checkbox"/>	1.000		4511444.90		A	1.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7070723MS.b
Acq. Date-Time 2023-07-07 13:17:39
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		11049	110492.64			0.704	5.000
24		514624	5146244.73			0.864	5.000
25		76274	762741.34			1.096	5.000
26		83432	834323.23			0.791	5.000
59		84651	846510.11			1.103	5.000
113		8671	86712.85			1.233	5.000
115		113941	1139414.34			1.978	5.000
206		30388	303878.58			1.287	5.000
207		27025	270252.17			1.167	5.000
208		64565	645653.54			1.579	5.000
220		0	3.20			23.696	

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

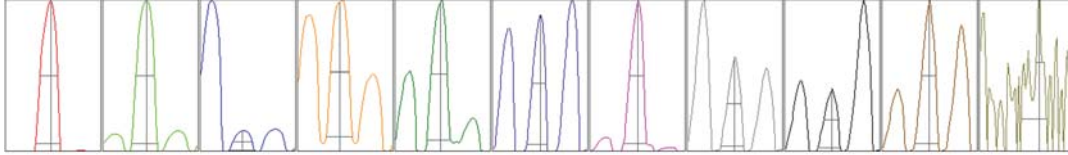
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11122	11094	11012	10931	11087
24	513146	518175	508662	513321	519818
25	77161	76907	76513	75342	75447
26	83989	84150	83403	83076	82543
59	85602	85715	83964	83765	84210
113	8843	8710	8608	8604	8592
115	117353	114801	112161	111783	113608
206	30884	30734	30165	30123	30033
207	27504	27020	26750	27116	26735
208	65730	65396	64111	64394	63196

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	20925.81	8.95	8.90 - 9.10	
24	922281.75	23.90	23.90 - 24.10	
25	125369.36	24.85	24.90 - 25.10	Fail
26	138066.31	25.85	25.90 - 26.10	Fail
59	161578.93	58.95	58.90 - 59.10	
113	20421.90	113.05	112.90 - 113.10	
115	251665.20	115.05	114.90 - 115.10	
206	67993.68	206.00	205.90 - 206.10	
207	60233.46	207.00	206.90 - 207.10	
208	146167.18	208.00	207.90 - 208.10	
220	0.60	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.774	0.900	
24	0.60	0.815	0.900	
25	0.60	0.777	0.900	
26	0.62	0.824	0.900	
59	0.51	0.753	0.900	
113	0.43	0.654	0.900	
115	0.45	0.737	0.900	
206	0.45	0.729	0.900	
207	0.45	0.702	0.900	
208	0.45	0.755	0.900	
220	0.22	0.798		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	10.0 V	Deflect	16.0 V
Extract 2	-145.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0008	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.12		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
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EM

Discriminator	3.1 mV	Analog HV	2279 V	Pulse HV	1634 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		29358	293579.05			0.513	
89		170005	1700051.79			0.915	
205		26000	259998.19			0.720	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29259	29445	29583	29252	29251
89	170451	171585	171267	168342	168382
205	25844	25903	26066	26299	25887

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.2 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-120.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0008	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.12		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
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EM

Discriminator	3.1 mV	Analog HV	2279 V	Pulse HV	1634 V
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