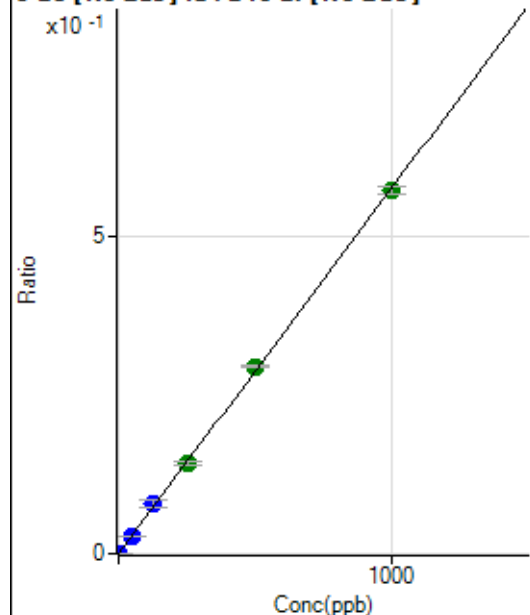


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040522-MS.b\
 Analysis File: P8040522-MS.batch.bin
 DA Date-Time: 2022-04-05 17:19:32
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-04-05 14:57:58
2	006CALS.d	S02	2022-04-05 15:04:07
3	007CALS.d	S03	2022-04-05 15:07:10
4	008CALS.d	S04	2022-04-05 15:10:16
5	009CALS.d	S05	2022-04-05 15:13:19
6	010CALS.d	S06	2022-04-05 15:16:24
7	011CALS.d	S07	2022-04-05 15:19:28
8	012CALS.d	S08	2022-04-05 15:22:33

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	55.32	0.0000	P	30.5
2	<input type="checkbox"/>	1.000	0.976	3891.76	0.0006	P	7.0
3	<input type="checkbox"/>	50.000	49.432	201854.93	0.0284	P	1.4
4	<input type="checkbox"/>	125.000	136.787	485628.50	0.0785	P	15.8
5	<input type="checkbox"/>	250.000	247.800	1010048.95	0.1423	A	2.5
6	<input type="checkbox"/>	500.000	511.761	1964419.05	0.2938	A	0.9
7	<input type="checkbox"/>	1000.000	993.224	3968595.90	0.5702	A	2.0
8	<input type="checkbox"/>			504.58	0.0001	P	13.5

$$y = 5.7413\text{E-}004 * x + 8.1289\text{E-}006$$

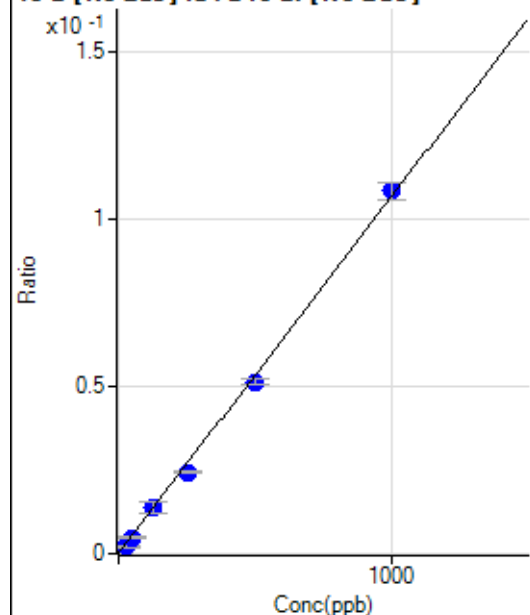
$$R = 0.9998$$

$$DL = 0.01296$$

$$BEC = 0.01416$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	1088.50	0.0002	P	6.0
2	<input type="checkbox"/>	25.000	17.607	13950.59	0.0020	P	7.3
3	<input type="checkbox"/>	50.000	44.051	34522.02	0.0049	P	8.7
4	<input type="checkbox"/>	125.000	127.518	84576.04	0.0138	P	21.6
5	<input type="checkbox"/>	250.000	226.826	172982.68	0.0243	P	2.7
6	<input type="checkbox"/>	500.000	479.587	343059.44	0.0513	P	3.6
7	<input type="checkbox"/>	1000.000	1016.167	755327.81	0.1085	P	4.5
8	<input type="checkbox"/>			110828.74	0.0168	P	7.4

$$y = 1.0664\text{E-}004 * x + 1.6006\text{E-}004$$

$$R = 0.9994$$

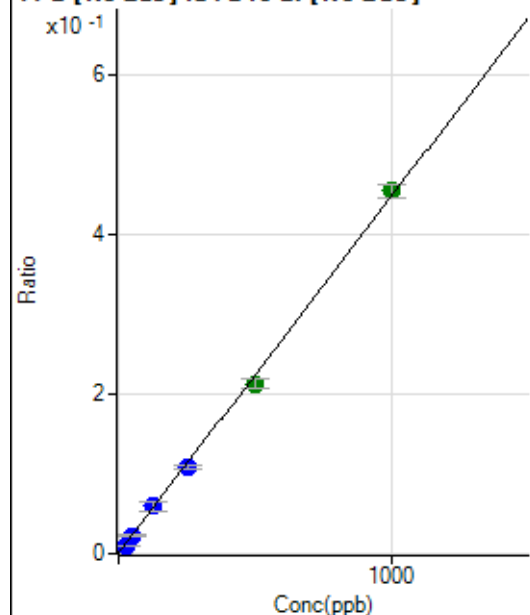
$$DL = 0.2702$$

$$BEC = 1.501$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	4917.87	0.0007	P	0.8
2	<input type="checkbox"/>	25.000	18.891	62867.95	0.0092	P	8.9
3	<input type="checkbox"/>	50.000	47.751	157115.04	0.0221	P	7.9
4	<input type="checkbox"/>	125.000	132.429	369561.14	0.0600	P	20.3
5	<input type="checkbox"/>	250.000	240.091	769082.36	0.1083	P	3.2
6	<input type="checkbox"/>	500.000	473.690	1423966.35	0.2129	A	5.5
7	<input type="checkbox"/>	1000.000	1014.969	3168455.97	0.4553	A	3.4
8	<input type="checkbox"/>			483969.21	0.0735	P	6.3

$$y = 4.4788E-004 * x + 7.2297E-004$$

$$R = 0.9994$$

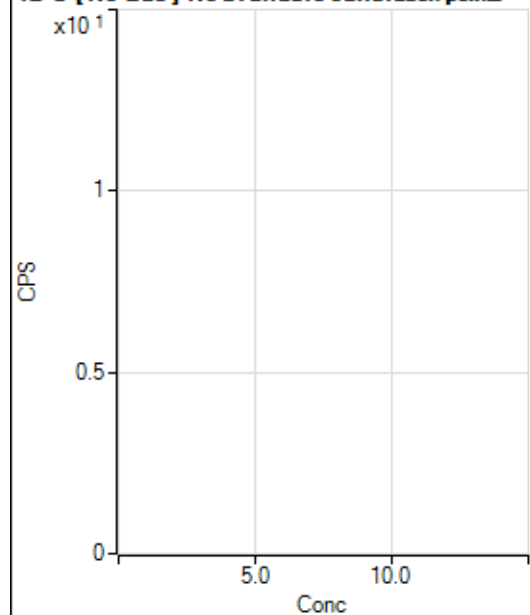
$$DL = 0.04006$$

$$BEC = 1.614$$

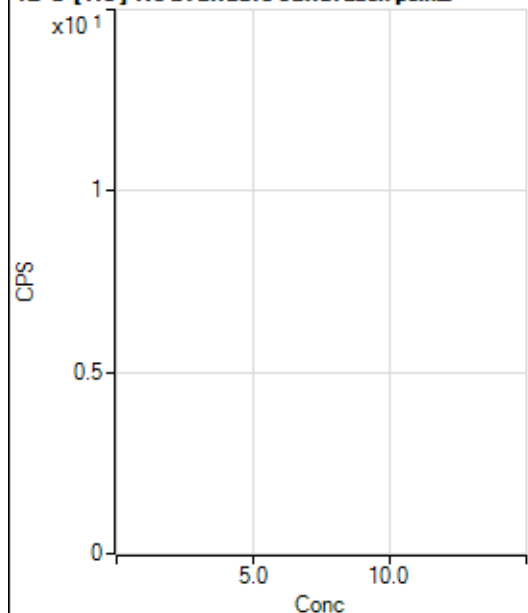
Weight: <None>

Min Conc: 0

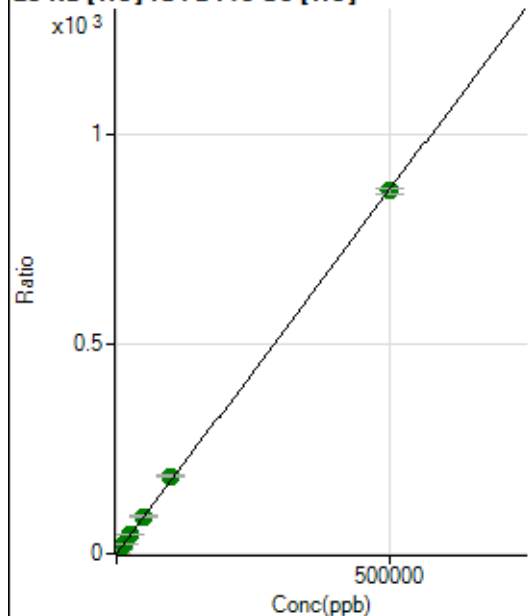
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			13074844.13		A	2.3
2	<input type="checkbox"/>			13419049.00		A	1.7
3	<input type="checkbox"/>			13034801.94		A	1.4
4	<input type="checkbox"/>			12751229.97		A	1.3
5	<input type="checkbox"/>			12764949.85		A	0.4
6	<input type="checkbox"/>			13573711.41		A	0.2
7	<input type="checkbox"/>			14719006.93		A	1.1
8	<input type="checkbox"/>			13010770.60		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			117215.84		P	0.2
2	<input type="checkbox"/>			121296.37		P	1.0
3	<input type="checkbox"/>			122496.89		P	1.4
4	<input type="checkbox"/>			118391.41		P	1.3
5	<input type="checkbox"/>			120447.02		P	0.3
6	<input type="checkbox"/>			126995.53		P	1.2
7	<input type="checkbox"/>			144910.08		P	0.6
8	<input type="checkbox"/>			125231.02		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	17382.94	0.0844	P	2.7
2	<input type="checkbox"/>	500.000	461.315	188175.16	0.8856	P	0.6
3	<input type="checkbox"/>	5000.000	5288.682	1992176.00	9.2705	A	1.6
4	<input type="checkbox"/>	12500.000	12655.767	4694702.84	22.0667	A	1.0
5	<input type="checkbox"/>	25000.000	25834.599	9410584.93	44.9576	A	1.4
6	<input type="checkbox"/>	50000.000	51295.374	18453068.81	89.1816	A	1.3
7	<input type="checkbox"/>	100000.00	106642.95	38162857.10	185.3172	A	1.2
8	<input type="checkbox"/>	500000.00	498493.40	178326752.6	865.9396	A	1.4

$$y = 0.0017 * x + 0.0844$$

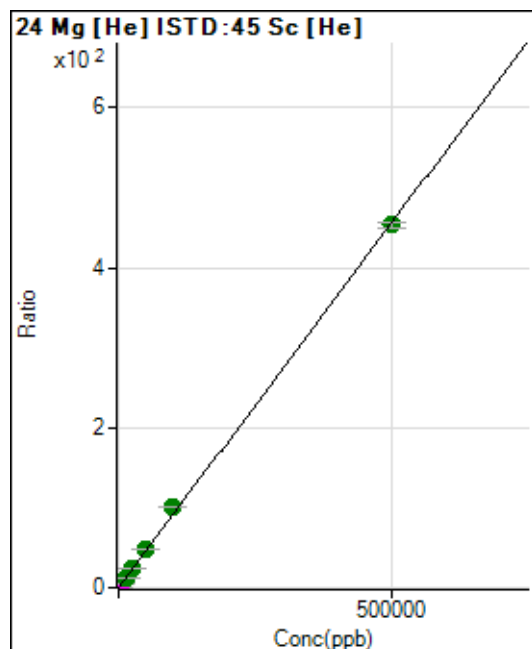
$$R = 0.9999$$

$$DL = 3.906$$

$$BEC = 48.57$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	500.02	0.0024	P	6.8
2	<input type="checkbox"/>	500.000	475.424	92592.24	0.4358	P	2.4
3	<input type="checkbox"/>	5000.000	5405.759	1059293.02	4.9298	M	3.1
4	<input type="checkbox"/>	12500.000	13505.655	2619562.54	12.3129	A	3.3
5	<input type="checkbox"/>	25000.000	26353.241	5028497.12	24.0235	A	1.2
6	<input type="checkbox"/>	50000.000	53344.200	10059918.63	48.6258	A	0.6
7	<input type="checkbox"/>	100000.00	110383.63	20719611.05	100.6174	A	1.6
8	<input type="checkbox"/>	500000.00	497492.01	93380125.70	453.4676	A	1.6

$$y = 9.1150\text{E-}004 * x + 0.0024$$

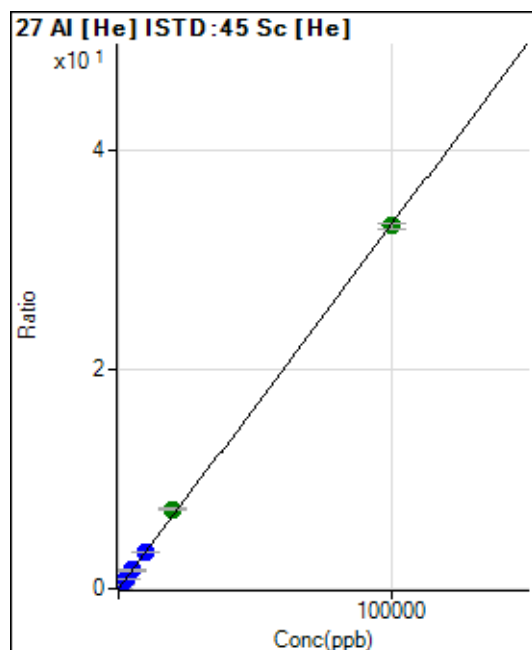
$$R = 0.9998$$

$$DL = 0.5425$$

$$BEC = 2.662$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	64.99	0.0003	P	18.2
2	<input type="checkbox"/>	20.000	19.456	1439.90	0.0068	P	5.3
3	<input type="checkbox"/>	1000.000	1023.850	73129.02	0.3403	P	0.8
4	<input type="checkbox"/>	2500.000	2482.499	175443.90	0.8247	P	0.5
5	<input type="checkbox"/>	5000.000	5023.821	349236.14	1.6685	P	0.7
6	<input type="checkbox"/>	10000.000	10047.290	690302.29	3.3367	P	0.8
7	<input type="checkbox"/>	20000.000	21882.091	1496459.51	7.2666	A	0.9
8	<input type="checkbox"/>	100000.00	99617.861	6811732.24	33.0799	A	1.7

$$y = 3.3206\text{E-}004 * x + 3.1561\text{E-}004$$

$$R = 0.9998$$

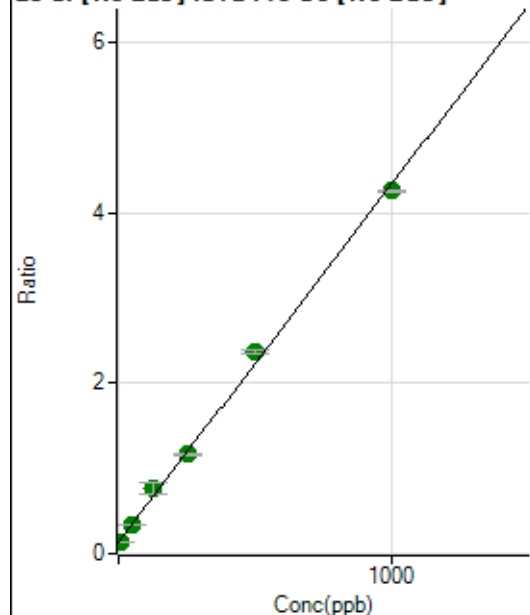
$$DL = 0.5189$$

$$BEC = 0.9504$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	915993.10	0.1351	A	1.9
2	<input type="checkbox"/>	10.000	1.771	991954.34	0.1425	A	3.9
3	<input type="checkbox"/>	50.000	48.074	2384422.08	0.3368	A	2.2
4	<input type="checkbox"/>	125.000	152.110	4524692.94	0.7733	A	17.5
5	<input type="checkbox"/>	250.000	245.227	7964606.00	1.1641	A	2.1
6	<input type="checkbox"/>	500.000	532.526	15361387.67	2.3696	A	2.1
7	<input type="checkbox"/>	1000.000	981.720	29314458.29	4.2544	A	0.5
8	<input type="checkbox"/>			1404226.90	0.2087	A	2.5

$$y = 0.0042 * x + 0.1351$$

$$R = 0.9987$$

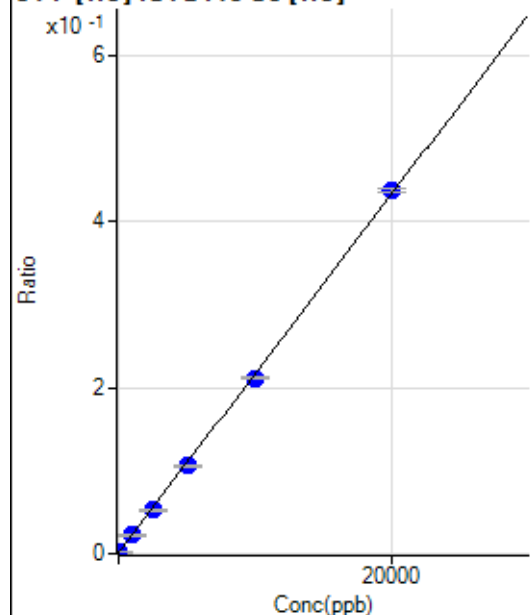
$$DL = 1.838$$

$$BEC = 32.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	-11.846	169.45	0.0008	P	7.3
2	<input type="checkbox"/>	0.000	11.846	283.34	0.0013	P	22.9
3	<input type="checkbox"/>	1000.000	986.713	4806.49	0.0224	P	6.5
4	<input type="checkbox"/>	2500.000	2365.344	11087.86	0.0521	P	6.0
5	<input type="checkbox"/>	5000.000	4829.830	22039.64	0.1053	P	1.2
6	<input type="checkbox"/>	10000.000	9753.702	43764.30	0.2115	P	1.3
7	<input type="checkbox"/>	20000.000	20183.188	89901.31	0.4366	P	1.2
8	<input type="checkbox"/>			247.23	0.0012	P	24.9

$$y = 2.1577E-005 * x + 0.0011$$

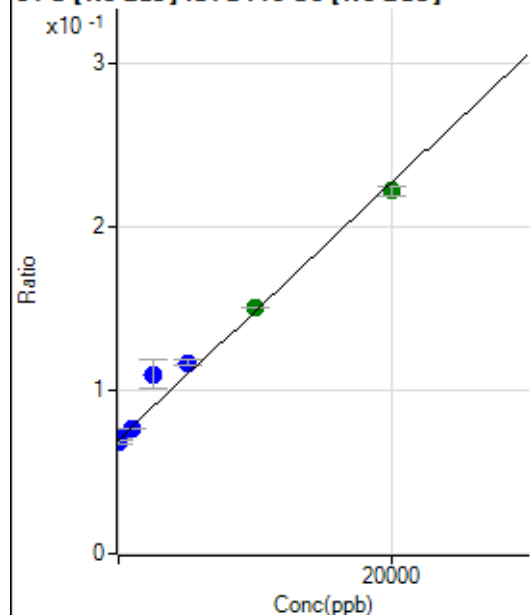
$$R = 0.9998$$

$$DL = 25.4$$

$$BEC = 49.95$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	195.846	484415.93	0.0715	P	2.5
2	<input type="checkbox"/>	0.000	-195.846	475921.84	0.0684	P	2.5
3	<input type="checkbox"/>	1000.000	826.221	540924.15	0.0764	P	1.0
4	<input type="checkbox"/>	2500.000	5064.361	642941.84	0.1097	P	16.3
5	<input type="checkbox"/>	5000.000	5968.791	799144.68	0.1168	P	2.5
6	<input type="checkbox"/>	10000.000	10213.813	973511.73	0.1502	A	0.2
7	<input type="checkbox"/>	20000.000	19339.040	1528597.84	0.2219	A	2.4
8	<input type="checkbox"/>			412238.43	0.0613	P	0.6

$$y = 7.8569E-006 * x + 0.0699$$

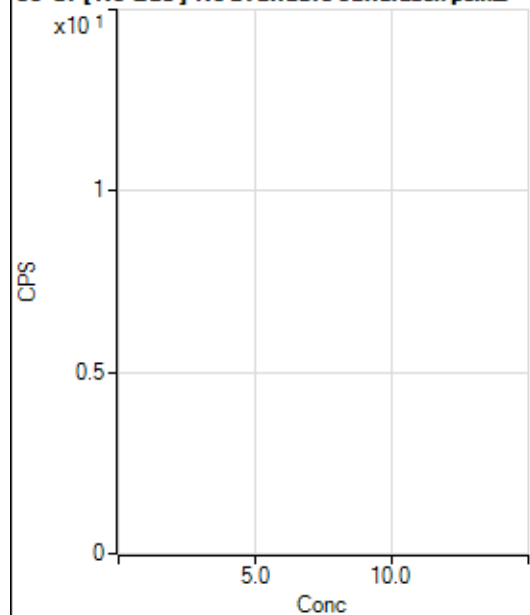
R = 0.9896

DL = 669.5

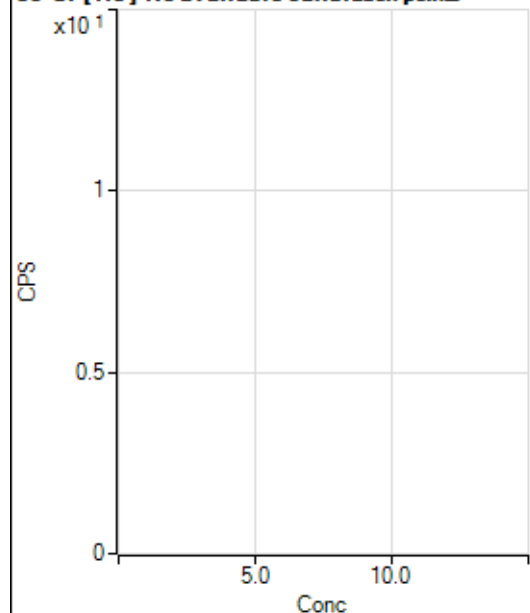
BEC = 8898

Weight: <None>

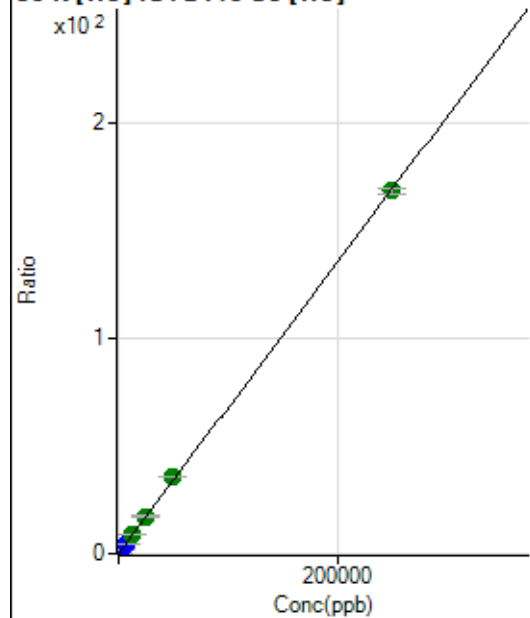
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			376198.22		P	1.0
2	<input type="checkbox"/>			338604.09		P	0.5
3	<input type="checkbox"/>			367611.07		P	1.1
4	<input type="checkbox"/>			370821.07		P	0.8
5	<input type="checkbox"/>			350517.32		P	1.5
6	<input type="checkbox"/>			334559.33		P	1.4
7	<input type="checkbox"/>			314337.81		P	0.7
8	<input type="checkbox"/>			283741.38		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			2550.28		P	3.2
2	<input type="checkbox"/>			2358.59		P	2.0
3	<input type="checkbox"/>			2564.18		P	5.0
4	<input type="checkbox"/>			2525.28		P	4.4
5	<input type="checkbox"/>			2328.03		P	7.4
6	<input type="checkbox"/>			2211.34		P	6.4
7	<input type="checkbox"/>			1955.74		P	4.0
8	<input type="checkbox"/>			1989.08		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	22963.22	0.1114	P	1.6
2	<input type="checkbox"/>	500.000	467.586	90704.68	0.4269	P	0.6
3	<input type="checkbox"/>	2500.000	2559.984	395092.14	1.8385	P	1.9
4	<input type="checkbox"/>	6250.000	6323.350	931319.74	4.3775	P	0.9
5	<input type="checkbox"/>	12500.000	12839.860	1836433.13	8.7739	A	0.9
6	<input type="checkbox"/>	25000.000	25555.874	3589990.58	17.3527	A	0.8
7	<input type="checkbox"/>	50000.000	52693.601	7343475.08	35.6612	A	1.5
8	<input type="checkbox"/>	250000.00	249386.33	34667873.00	168.3599	A	1.6

$$y = 6.7465E-004 * x + 0.1114$$

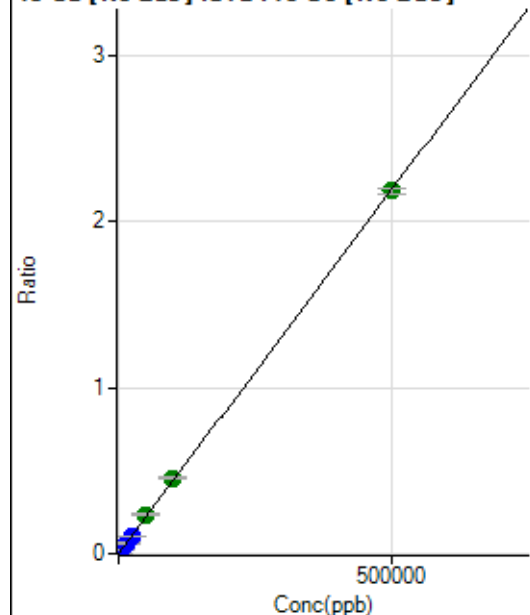
$$R = 0.9999$$

$$DL = 8.13$$

$$BEC = 165.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	220.81	0.0000	P	12.4
2	<input type="checkbox"/>	500.000	454.724	14071.38	0.0020	P	1.8
3	<input type="checkbox"/>	5000.000	4942.748	153284.97	0.0217	P	1.1
4	<input type="checkbox"/>	12500.000	14471.471	370492.50	0.0633	P	17.7
5	<input type="checkbox"/>	25000.000	24666.104	738323.72	0.1079	P	2.5
6	<input type="checkbox"/>	50000.000	53473.358	1516329.71	0.2339	A	3.0
7	<input type="checkbox"/>	100000.00	104305.55	3143606.28	0.4562	A	1.6
8	<input type="checkbox"/>	500000.00	498759.58	14676714.60	2.1815	A	1.3

$$y = 4.3738\text{E-}006 * x + 3.2573\text{E-}005$$

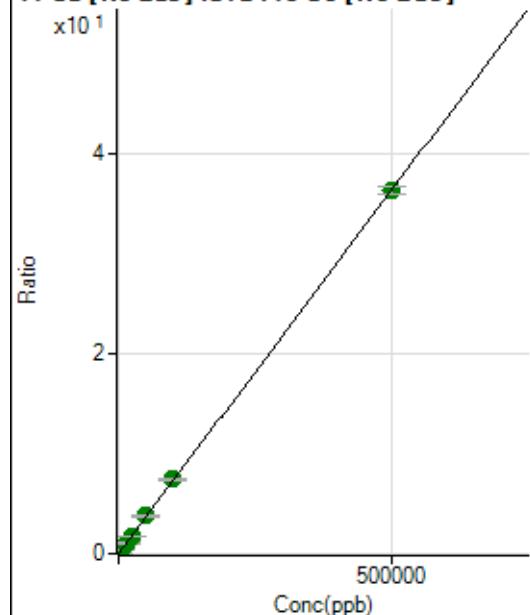
$$R = 0.9999$$

$$DL = 2.775$$

$$BEC = 7.447$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	15456.05	0.0023	P	3.2
2	<input type="checkbox"/>	500.000	449.662	243418.90	0.0350	P	1.9
3	<input type="checkbox"/>	5000.000	5005.958	2592617.28	0.3662	A	1.8
4	<input type="checkbox"/>	12500.000	14471.268	6174313.07	1.0543	A	16.8
5	<input type="checkbox"/>	25000.000	24537.096	12221630.23	1.7861	A	3.0
6	<input type="checkbox"/>	50000.000	51598.445	24330733.70	3.7534	A	3.3
7	<input type="checkbox"/>	100000.00	102800.65	51505908.93	7.4757	A	2.7
8	<input type="checkbox"/>	500000.00	499253.87	244193062.9	36.2970	A	2.0

$$y = 7.2698\text{E-}005 * x + 0.0023$$

$$R = 1.0000$$

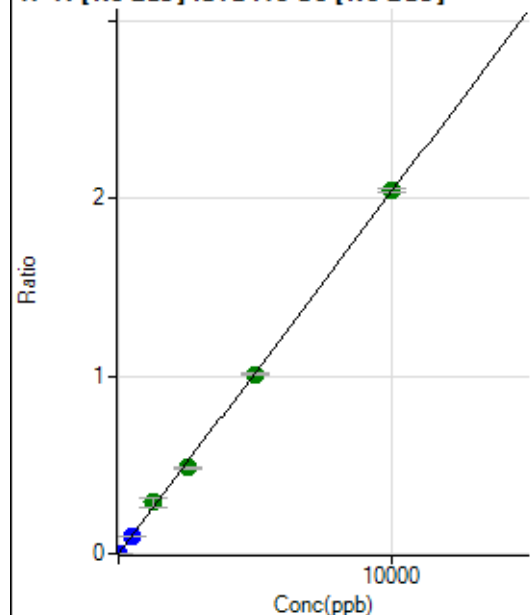
$$DL = 3.054$$

$$BEC = 31.36$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	316.68	0.0000	P	14.8
2	<input type="checkbox"/>	5.000	4.412	6576.70	0.0009	P	2.2
3	<input type="checkbox"/>	500.000	482.745	695997.11	0.0983	P	0.2
4	<input type="checkbox"/>	1250.000	1429.807	1700181.81	0.2911	A	19.1
5	<input type="checkbox"/>	2500.000	2390.179	3329240.07	0.4865	A	2.2
6	<input type="checkbox"/>	5000.000	4960.654	6545994.76	1.0097	A	0.5
7	<input type="checkbox"/>	10000.000	10025.515	14060509.00	2.0406	A	1.0
8	<input type="checkbox"/>			2430.83	0.0004	P	9.8

$$y = 2.0354\text{E-}004 * x + 4.6741\text{E-}005$$

$$R = 0.9997$$

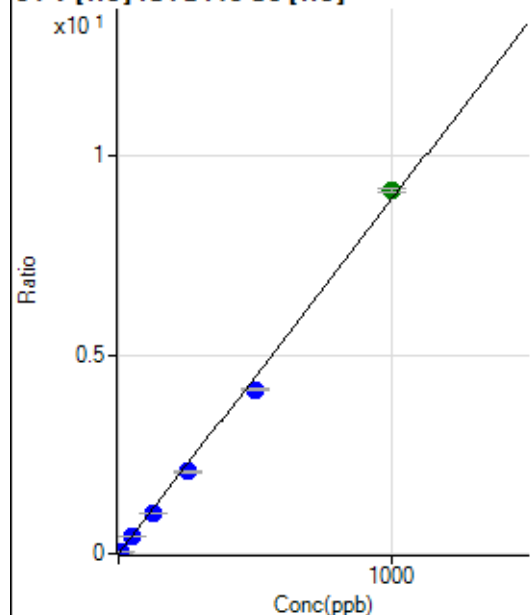
$$DL = 0.1019$$

$$BEC = 0.2296$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	10.00	0.0000	P	87.8
2	<input type="checkbox"/>	5.000	4.398	8331.40	0.0392	P	1.2
3	<input type="checkbox"/>	50.000	46.716	89415.17	0.4161	P	0.3
4	<input type="checkbox"/>	125.000	114.040	216069.00	1.0156	P	1.2
5	<input type="checkbox"/>	250.000	230.843	430289.70	2.0558	P	0.9
6	<input type="checkbox"/>	500.000	463.352	853659.42	4.1265	P	1.3
7	<input type="checkbox"/>	1000.000	1024.651	1879158.36	9.1252	A	1.0
8	<input type="checkbox"/>			485.58	0.0024	P	34.5

$$y = 0.0089 * x + 4.8435\text{E-}005$$

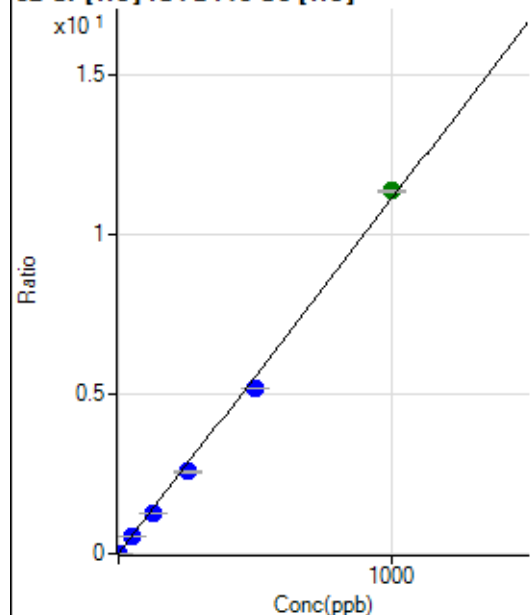
$$R = 0.9988$$

$$DL = 0.01432$$

$$BEC = 0.005439$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	1072.27	0.0052	P	6.7
2	<input type="checkbox"/>	2.000	1.708	5132.09	0.0242	P	1.6
3	<input type="checkbox"/>	50.000	47.877	115309.27	0.5366	P	1.4
4	<input type="checkbox"/>	125.000	115.600	274067.56	1.2882	P	0.7
5	<input type="checkbox"/>	250.000	231.184	538120.53	2.5711	P	1.3
6	<input type="checkbox"/>	500.000	465.907	1070991.63	5.1763	P	0.5
7	<input type="checkbox"/>	1000.000	1023.032	2339327.34	11.3599	A	0.8
8	<input type="checkbox"/>			19424.44	0.0943	P	1.5

$$y = 0.0111 * x + 0.0052$$

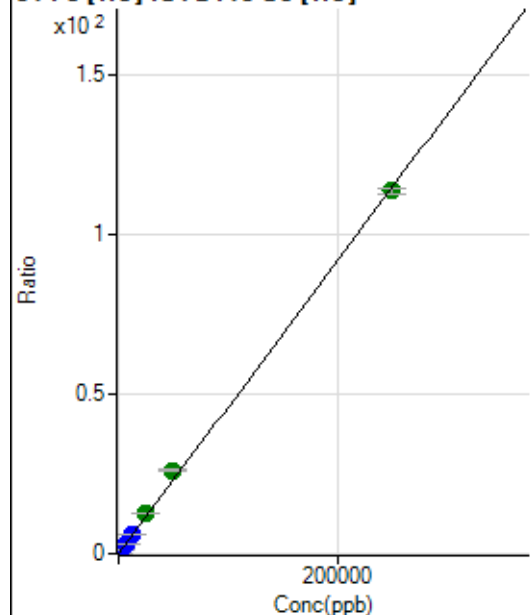
$$R = 0.9990$$

$$DL = 0.09396$$

$$BEC = 0.4688$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	877.82	0.0043	P	15.0
2	<input type="checkbox"/>	50.000	50.643	5823.52	0.0274	P	0.7
3	<input type="checkbox"/>	2500.000	2712.305	267333.56	1.2440	P	0.3
4	<input type="checkbox"/>	6250.000	6634.846	646081.15	3.0369	P	0.4
5	<input type="checkbox"/>	12500.000	12998.410	1244365.19	5.9455	P	1.2
6	<input type="checkbox"/>	25000.000	27861.468	2635451.45	12.7390	A	2.7
7	<input type="checkbox"/>	50000.000	57080.166	5373415.69	26.0940	A	1.3
8	<input type="checkbox"/>	250000.00	248261.15	23366788.48	113.4776	A	1.7

$$y = 4.5707E-004 * x + 0.0043$$

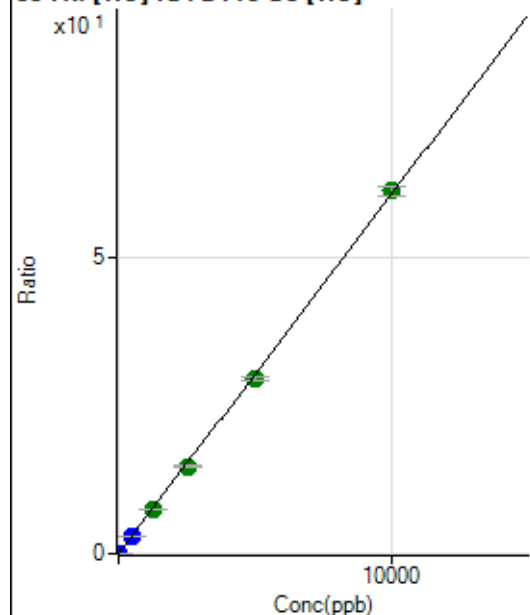
$$R = 0.9995$$

$$DL = 4.181$$

$$BEC = 9.321$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	290.01	0.0014	P	17.6
2	<input type="checkbox"/>	1.000	1.059	1661.22	0.0078	P	2.9
3	<input type="checkbox"/>	500.000	478.511	622585.64	2.8972	P	1.2
4	<input type="checkbox"/>	1250.000	1225.314	1577855.10	7.4166	A	0.4
5	<input type="checkbox"/>	2500.000	2416.876	3061562.52	14.6276	A	2.3
6	<input type="checkbox"/>	5000.000	4863.772	6089289.28	29.4354	A	1.6
7	<input type="checkbox"/>	10000.000	10093.055	12578729.67	61.0813	A	2.6
8	<input type="checkbox"/>			7888.15	0.0383	P	12.4

$$y = 0.0061 * x + 0.0014$$

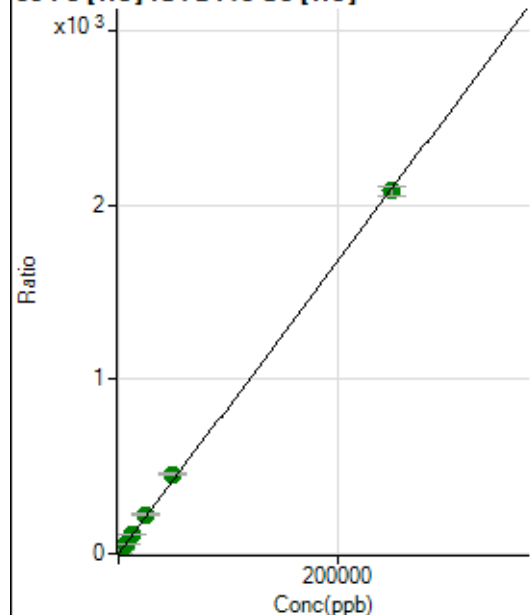
$$R = 0.9998$$

$$DL = 0.1229$$

$$BEC = 0.2326$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	6660.94	0.0323	P	6.2
2	<input type="checkbox"/>	50.000	49.002	93946.48	0.4421	P	2.6
3	<input type="checkbox"/>	2500.000	2726.732	4907632.00	22.8366	A	1.3
4	<input type="checkbox"/>	6250.000	6616.876	11780609.52	55.3709	A	1.9
5	<input type="checkbox"/>	12500.000	13306.034	23298584.31	111.3139	A	2.6
6	<input type="checkbox"/>	25000.000	26984.402	46693507.06	225.7094	A	1.5
7	<input type="checkbox"/>	50000.000	54698.552	94212402.11	457.4895	A	1.9
8	<input type="checkbox"/>	250000.00	248810.10	428458842.9	2080.891	A	2.6

$$y = 0.0084 * x + 0.0323$$

$$R = 0.9998$$

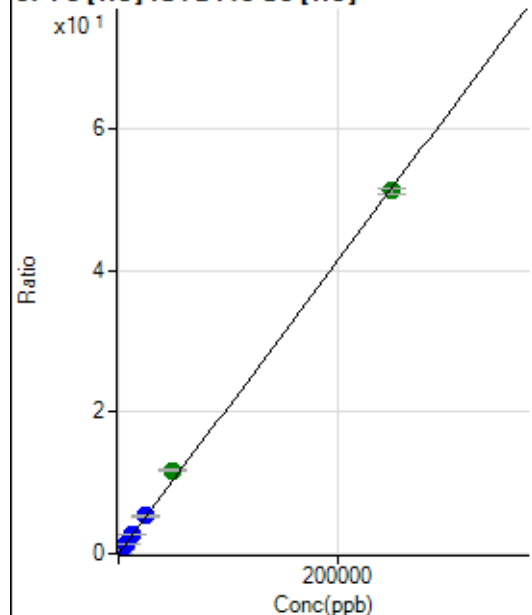
$$DL = 0.7185$$

$$BEC = 3.866$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	227.78	0.0011	P	9.1
2	<input type="checkbox"/>	50.000	49.368	2402.09	0.0113	P	3.3
3	<input type="checkbox"/>	2500.000	2649.426	117864.52	0.5485	P	0.6
4	<input type="checkbox"/>	6250.000	6516.185	286644.01	1.3473	P	0.2
5	<input type="checkbox"/>	12500.000	13053.409	564676.49	2.6979	P	1.2
6	<input type="checkbox"/>	25000.000	25691.892	1098332.60	5.3090	P	1.0
7	<input type="checkbox"/>	50000.000	57229.288	2435059.63	11.8245	A	3.7
8	<input type="checkbox"/>	250000.00	248449.13	10569701.05	51.3300	A	1.6

$$y = 2.0660\text{E-}004 * x + 0.0011$$

$$R = 0.9995$$

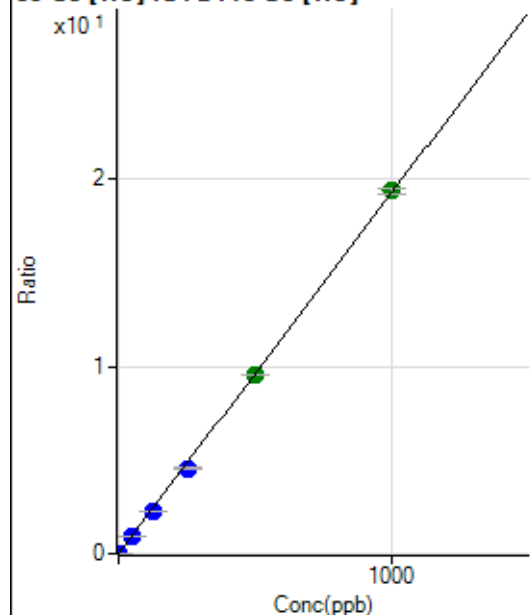
$$DL = 1.457$$

$$BEC = 5.352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	113.33	0.0005	P	42.9
2	<input type="checkbox"/>	1.000	0.933	3936.14	0.0185	P	3.4
3	<input type="checkbox"/>	50.000	48.876	202384.62	0.9418	P	1.1
4	<input type="checkbox"/>	125.000	118.738	486587.17	2.2872	P	1.1
5	<input type="checkbox"/>	250.000	237.213	956306.37	4.5687	P	0.5
6	<input type="checkbox"/>	500.000	495.268	1973395.01	9.5383	A	0.3
7	<input type="checkbox"/>	1000.000	1006.402	3991051.40	19.3816	A	1.9
8	<input type="checkbox"/>			9295.36	0.0451	P	4.6

$$y = 0.0193 * x + 5.4938\text{E-}004$$

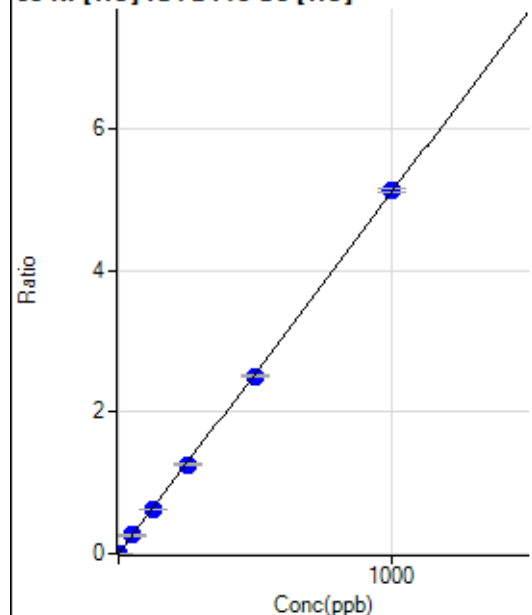
$$R = 0.9999$$

$$DL = 0.03669$$

$$BEC = 0.02853$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	81.11	0.0004	P	24.8
2	<input type="checkbox"/>	1.000	0.962	1126.72	0.0053	P	6.6
3	<input type="checkbox"/>	50.000	50.804	55777.91	0.2596	P	1.6
4	<input type="checkbox"/>	125.000	123.891	134538.47	0.6324	P	1.2
5	<input type="checkbox"/>	250.000	247.145	263971.16	1.2612	P	1.0
6	<input type="checkbox"/>	500.000	491.645	518984.66	2.5084	P	1.2
7	<input type="checkbox"/>	1000.000	1004.990	1055833.82	5.1272	P	1.0
8	<input type="checkbox"/>			6946.21	0.0337	P	2.1

$$y = 0.0051 * x + 3.9346E-004$$

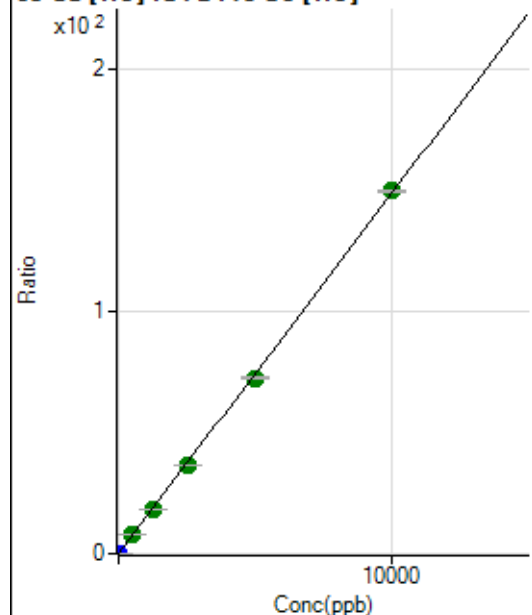
$$R = 0.9999$$

$$DL = 0.05733$$

$$BEC = 0.07713$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	1016.72	0.0049	P	8.9
2	<input type="checkbox"/>	2.000	1.854	6899.53	0.0325	P	0.2
3	<input type="checkbox"/>	500.000	514.871	1644149.05	7.6515	A	2.9
4	<input type="checkbox"/>	1250.000	1230.059	3887610.39	18.2731	A	1.6
5	<input type="checkbox"/>	2500.000	2456.163	7635967.18	36.4825	A	0.7
6	<input type="checkbox"/>	5000.000	4874.812	14980725.61	72.4029	A	1.4
7	<input type="checkbox"/>	10000.000	10075.302	30815617.04	149.6376	A	0.2
8	<input type="checkbox"/>			10895.93	0.0529	P	15.7

$$y = 0.0149 * x + 0.0049$$

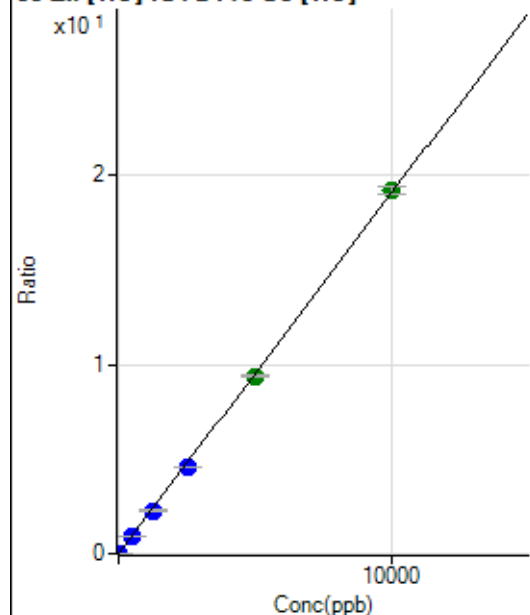
$$R = 0.9999$$

$$DL = 0.08902$$

$$BEC = 0.3323$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	137.78	0.0007	P	9.2
2	<input type="checkbox"/>	2.000	1.886	905.60	0.0043	P	5.1
3	<input type="checkbox"/>	500.000	497.010	203705.22	0.0479	P	1.3
4	<input type="checkbox"/>	1250.000	1191.713	483334.30	0.2720	P	2.6
5	<input type="checkbox"/>	2500.000	2407.559	960698.25	0.5893	P	1.2
6	<input type="checkbox"/>	5000.000	4928.096	1943412.31	0.9393	A	1.5
7	<input type="checkbox"/>	10000.000	10066.498	3950944.39	1.91868	A	2.0
8	<input type="checkbox"/>			4496.31	0.0218	P	4.7

$$y = 0.0019 * x + 6.6842E-004$$

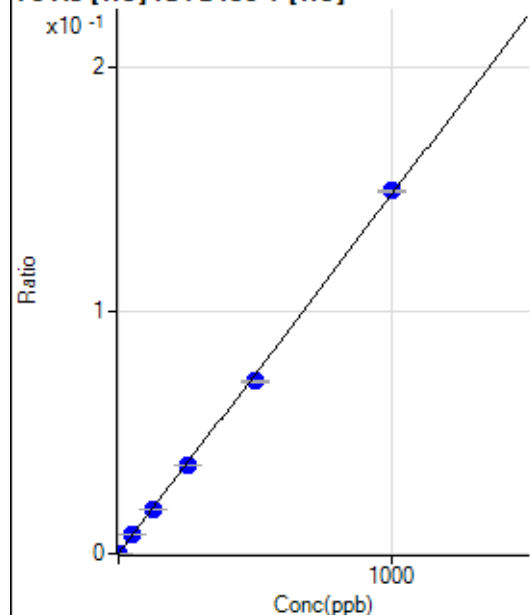
$$R = 0.9999$$

$$DL = 0.09724$$

$$BEC = 0.3507$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	6.00	0.0000	P	30.2
2	<input type="checkbox"/>	1.000	1.028	238.36	0.0002	P	3.9
3	<input type="checkbox"/>	50.000	51.205	11330.01	0.0076	P	1.0
4	<input type="checkbox"/>	125.000	122.355	27324.06	0.0181	P	0.5
5	<input type="checkbox"/>	250.000	245.211	53983.86	0.0362	P	1.1
6	<input type="checkbox"/>	500.000	481.603	107372.73	0.0711	P	1.0
7	<input type="checkbox"/>	1000.000	1010.666	223388.40	0.1492	P	0.7
8	<input type="checkbox"/>			101.68	0.0001	P	9.2

$$y = 1.4758E-004 * x + 4.2001E-006$$

$$R = 0.9997$$

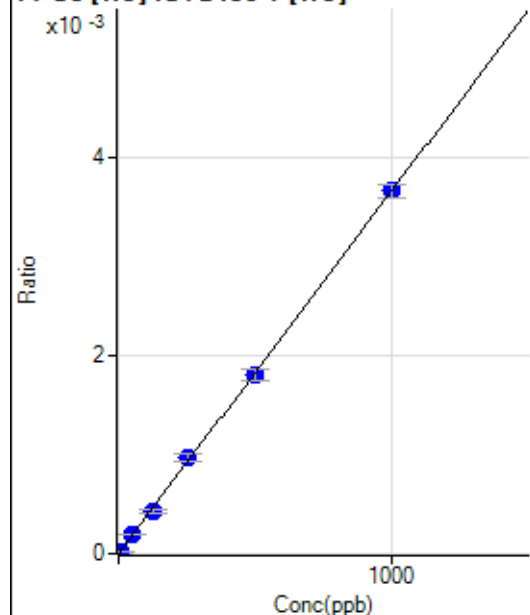
$$DL = 0.02577$$

$$BEC = 0.02846$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	2.22	0.0000	P	86.6
2	<input type="checkbox"/>	5.000	2.972	18.89	0.0000	P	38.3
3	<input type="checkbox"/>	50.000	52.277	288.89	0.0002	P	3.3
4	<input type="checkbox"/>	125.000	116.194	645.58	0.0004	P	7.2
5	<input type="checkbox"/>	250.000	264.862	1446.76	0.0010	P	6.2
6	<input type="checkbox"/>	500.000	492.573	2722.52	0.0018	P	6.9
7	<input type="checkbox"/>	1000.000	1000.995	5484.46	0.0037	P	3.5
8	<input type="checkbox"/>			3.33	0.0000	P	99.4

$$y = 3.6574\text{E-}006 * x + 1.5295\text{E-}006$$

$$R = 0.9998$$

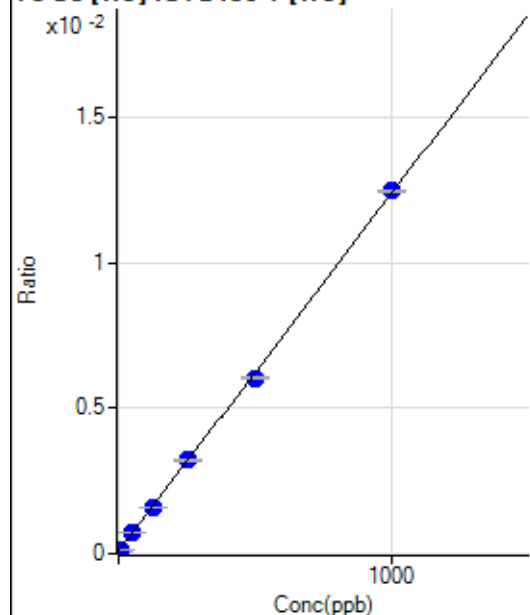
$$DL = 1.087$$

$$BEC = 0.4182$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	116.01	0.0001	P	10.2
2	<input type="checkbox"/>	5.000	5.729	231.36	0.0002	P	5.6
3	<input type="checkbox"/>	50.000	52.154	1083.49	0.0007	P	2.5
4	<input type="checkbox"/>	125.000	122.879	2410.79	0.0016	P	1.6
5	<input type="checkbox"/>	250.000	254.389	4790.97	0.0032	P	3.0
6	<input type="checkbox"/>	500.000	483.776	9118.21	0.0060	P	1.6
7	<input type="checkbox"/>	1000.000	1007.169	18690.58	0.0125	P	0.2
8	<input type="checkbox"/>			108.34	0.0001	P	6.6

$$y = 1.2310\text{E-}005 * x + 8.0962\text{E-}005$$

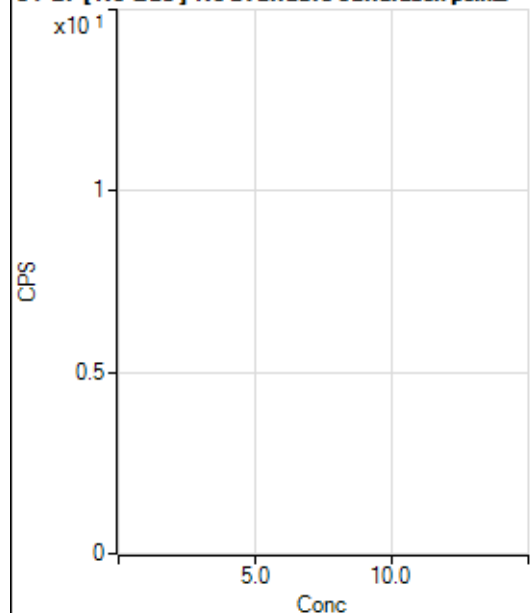
$$R = 0.9998$$

$$DL = 2.018$$

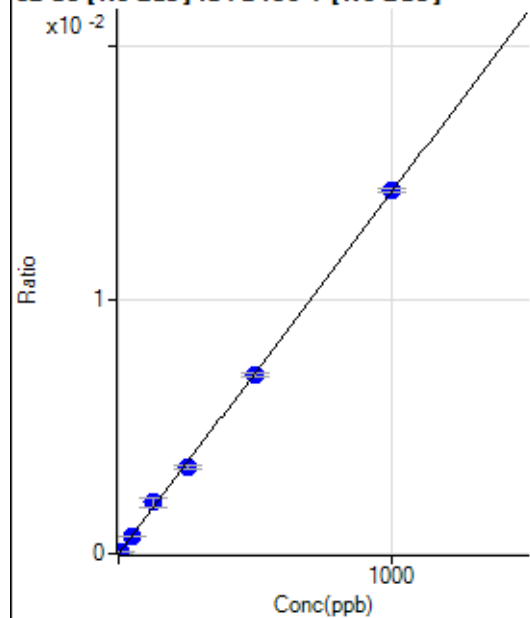
$$BEC = 6.577$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			82545.88		P	0.1
2	<input type="checkbox"/>			76971.32		P	4.5
3	<input type="checkbox"/>			76421.76		P	1.3
4	<input type="checkbox"/>			79571.77		P	2.4
5	<input type="checkbox"/>			77216.03		P	3.3
6	<input type="checkbox"/>			69477.28		P	1.4
7	<input type="checkbox"/>			71536.31		P	2.7
8	<input type="checkbox"/>			69761.31		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	5.42	0.0000	P	19225.
2	<input type="checkbox"/>	5.000	4.558	909.48	0.0001	P	34.0
3	<input type="checkbox"/>	50.000	48.939	9933.63	0.0007	P	2.3
4	<input type="checkbox"/>	125.000	142.237	23720.18	0.0020	P	17.9
5	<input type="checkbox"/>	250.000	239.046	46990.88	0.0034	P	4.2
6	<input type="checkbox"/>	500.000	494.323	93427.96	0.0070	P	1.6
7	<input type="checkbox"/>	1000.000	1003.478	197298.30	0.0143	P	1.0
8	<input type="checkbox"/>			164.70	0.0000	P	122.6

$$y = 1.4244\text{E-}005 * x + 1.3277\text{E-}007$$

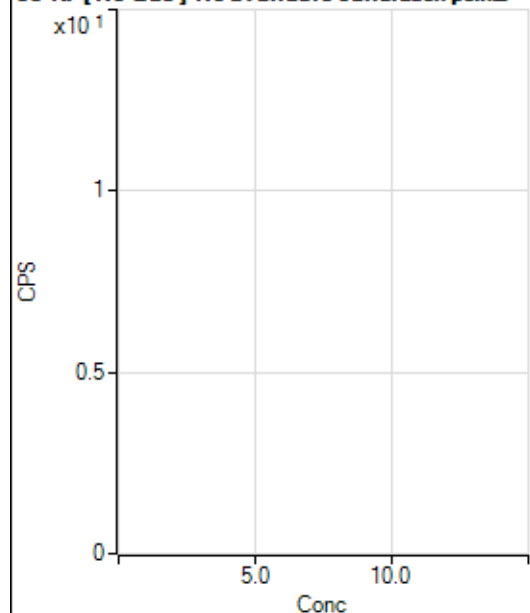
$$R = 0.9997$$

$$DL = 5.376$$

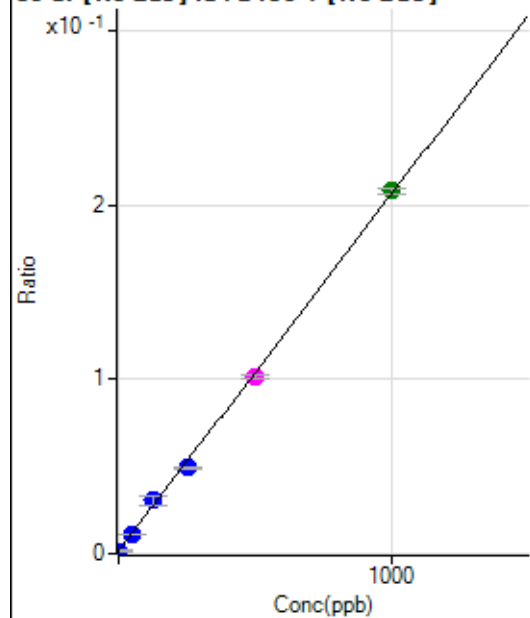
$$BEC = 0.009321$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			12868.04		P	1.6
2	<input type="checkbox"/>			12765.88		P	1.0
3	<input type="checkbox"/>			12642.87		P	0.7
4	<input type="checkbox"/>			12573.65		P	1.2
5	<input type="checkbox"/>			12409.76		P	0.5
6	<input type="checkbox"/>			12243.39		P	0.7
7	<input type="checkbox"/>			12108.70		P	1.2
8	<input type="checkbox"/>			11828.10		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	20921.70	0.0016	P	3.8
2	<input type="checkbox"/>	1.000	0.494	23019.47	0.0017	P	2.0
3	<input type="checkbox"/>	50.000	46.623	158337.11	0.0111	P	2.3
4	<input type="checkbox"/>	125.000	140.908	356271.39	0.0304	P	18.6
5	<input type="checkbox"/>	250.000	233.092	681572.00	0.0494	P	1.3
6	<input type="checkbox"/>	500.000	487.473	1347014.55	0.1015	M	1.8
7	<input type="checkbox"/>	1000.000	1008.672	2876445.14	0.2084	A	1.5
8	<input type="checkbox"/>			37392.28	0.0027	P	2.3

$$y = 2.0507\text{E-}004 * x + 0.0016$$

$$R = 0.9995$$

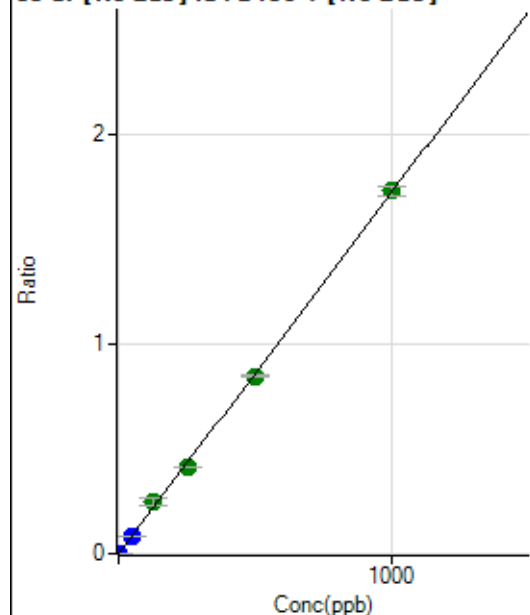
$$DL = 0.8654$$

$$BEC = 7.572$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	216.67	0.0000	P	21.5
2	<input type="checkbox"/>	1.000	0.903	21895.52	0.0016	P	2.6
3	<input type="checkbox"/>	50.000	47.614	1170708.59	0.0822	P	2.0
4	<input type="checkbox"/>	125.000	144.075	2911555.40	0.2486	A	17.4
5	<input type="checkbox"/>	250.000	239.847	5714783.64	0.4139	A	1.7
6	<input type="checkbox"/>	500.000	490.476	11230059.71	0.8463	A	1.0
7	<input type="checkbox"/>	1000.000	1005.035	23933646.72	1.7342	A	2.3
8	<input type="checkbox"/>			157804.16	0.0115	P	0.7

$$y = 0.0017 * x + 1.6032E-005$$

$$R = 0.9996$$

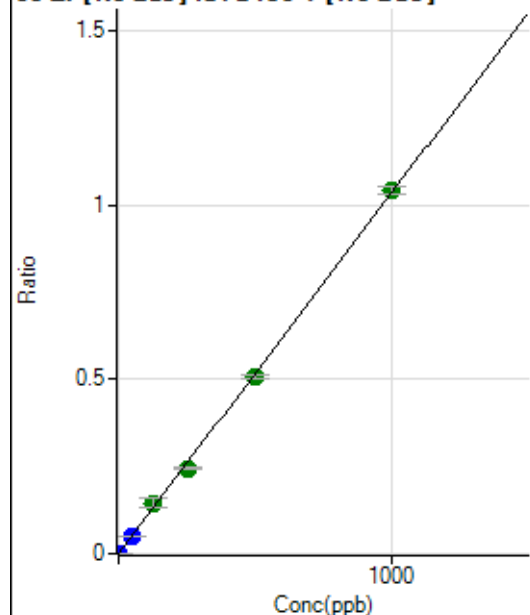
$$DL = 0.005995$$

$$BEC = 0.009291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	638.92	0.0000	P	12.7
2	<input type="checkbox"/>	1.000	0.865	13109.29	0.0009	P	3.9
3	<input type="checkbox"/>	50.000	46.814	691283.39	0.0485	P	0.3
4	<input type="checkbox"/>	125.000	140.085	1694617.18	0.1451	A	19.7
5	<input type="checkbox"/>	250.000	237.030	3387961.21	0.2454	A	3.4
6	<input type="checkbox"/>	500.000	492.056	6759583.48	0.5094	A	1.9
7	<input type="checkbox"/>	1000.000	1005.488	14367359.52	1.0410	A	2.0
8	<input type="checkbox"/>			8135.95	0.0006	P	7.1

$$y = 0.0010 * x + 4.7389E-005$$

$$R = 0.9997$$

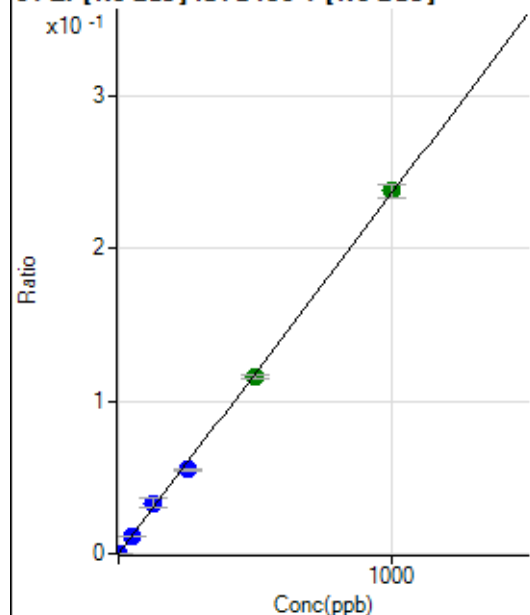
$$DL = 0.01738$$

$$BEC = 0.04578$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	122.23	0.0000	P	17.1
2	<input type="checkbox"/>	1.000	0.845	2903.16	0.0002	P	5.5
3	<input type="checkbox"/>	50.000	46.150	155521.44	0.0109	P	1.5
4	<input type="checkbox"/>	125.000	139.271	384979.38	0.0329	P	18.8
5	<input type="checkbox"/>	250.000	232.562	759241.52	0.0550	P	0.4
6	<input type="checkbox"/>	500.000	491.350	1540929.28	0.1161	A	1.3
7	<input type="checkbox"/>	1000.000	1007.093	3284397.27	0.2380	A	3.8
8	<input type="checkbox"/>			1830.73	0.0001	P	1.4

$$y = 2.3633\text{E-}004 * x + 9.0694\text{E-}006$$

$$R = 0.9996$$

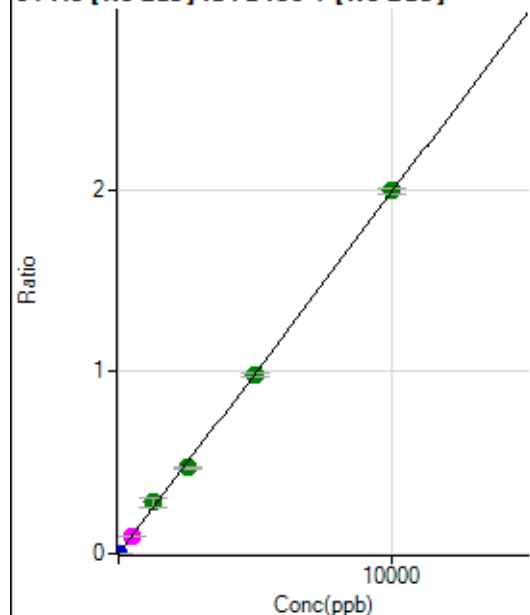
$$DL = 0.01969$$

$$BEC = 0.03838$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	250.01	0.0000	P	5.8
2	<input type="checkbox"/>	5.000	5.340	15005.71	0.0011	P	6.5
3	<input type="checkbox"/>	500.000	474.796	1344031.75	0.0943	M	1.2
4	<input type="checkbox"/>	1250.000	1425.374	3310617.41	0.2831	A	19.1
5	<input type="checkbox"/>	2500.000	2369.132	6496877.40	0.4706	A	2.9
6	<input type="checkbox"/>	5000.000	4934.745	13005665.40	0.9802	A	2.5
7	<input type="checkbox"/>	10000.000	10044.683	27541057.91	1.9953	A	1.8
8	<input type="checkbox"/>			10826.75	0.0008	P	4.9

$$y = 1.9864\text{E-}004 * x + 1.8561\text{E-}005$$

$$R = 0.9997$$

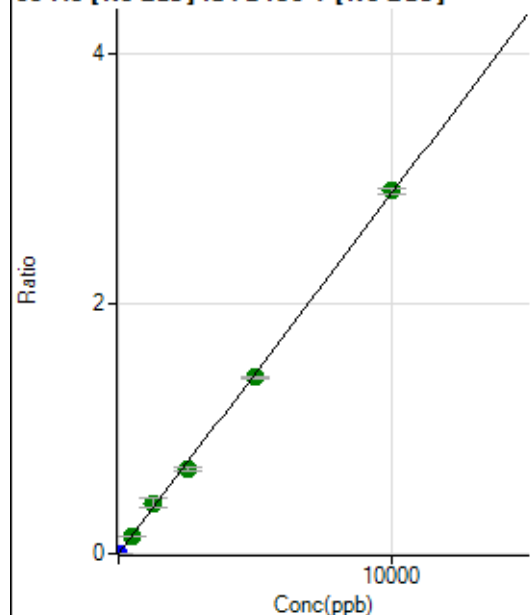
$$DL = 0.01627$$

$$BEC = 0.09344$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	83.34	0.0000	P	51.2
2	<input type="checkbox"/>	5.000	4.569	18404.37	0.0013	P	2.5
3	<input type="checkbox"/>	500.000	472.438	1939485.42	0.1361	A	2.8
4	<input type="checkbox"/>	1250.000	1408.918	4735733.61	0.4060	A	20.6
5	<input type="checkbox"/>	2500.000	2352.171	9356781.11	0.6778	A	2.7
6	<input type="checkbox"/>	5000.000	4894.232	18713154.24	1.4103	A	1.5
7	<input type="checkbox"/>	10000.000	10071.355	40060005.76	2.9021	A	1.8
8	<input type="checkbox"/>			11477.57	0.0008	P	5.9

$$y = 2.8816\text{E-}004 * x + 6.1572\text{E-}006$$

$$R = 0.9996$$

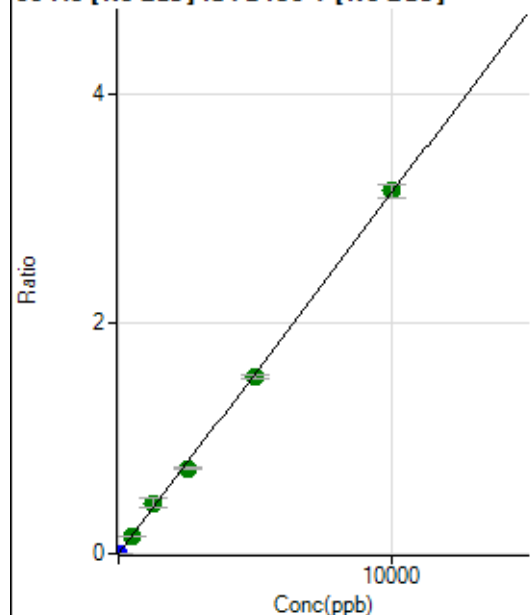
$$DL = 0.03284$$

$$BEC = 0.02137$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	466.69	0.0000	P	5.9
2	<input type="checkbox"/>	5.000	4.660	20780.07	0.0015	P	2.0
3	<input type="checkbox"/>	500.000	462.491	2064104.45	0.1449	A	2.2
4	<input type="checkbox"/>	1250.000	1397.788	5119645.90	0.4378	A	18.7
5	<input type="checkbox"/>	2500.000	2350.080	10162685.99	0.7360	A	2.3
6	<input type="checkbox"/>	5000.000	4912.880	20415412.96	1.5387	A	2.4
7	<input type="checkbox"/>	10000.000	10064.442	43500923.89	3.1521	A	3.4
8	<input type="checkbox"/>			36583.17	0.0027	P	3.0

$$y = 3.1319\text{E-}004 * x + 3.4637\text{E-}005$$

$$R = 0.9996$$

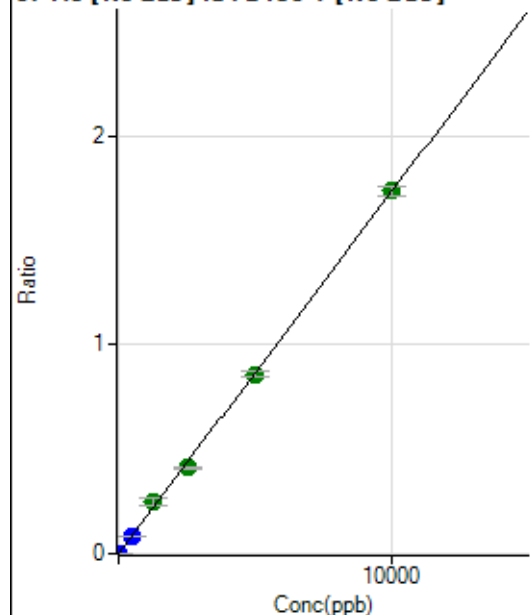
$$DL = 0.01959$$

$$BEC = 0.1106$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	52.78	0.0000	P	53.7
2	<input type="checkbox"/>	5.000	4.620	11179.79	0.0008	P	8.5
3	<input type="checkbox"/>	500.000	484.109	1195149.46	0.0839	P	1.6
4	<input type="checkbox"/>	1250.000	1426.271	2893934.87	0.2471	A	17.4
5	<input type="checkbox"/>	2500.000	2388.355	5713656.47	0.4138	A	2.3
6	<input type="checkbox"/>	5000.000	4957.740	11397323.34	0.8590	A	2.7
7	<input type="checkbox"/>	10000.000	10027.802	23978991.68	1.7375	A	2.6
8	<input type="checkbox"/>			7213.17	0.0005	P	2.3

$$y = 1.7327E-004 * x + 3.8811E-006$$

$$R = 0.9997$$

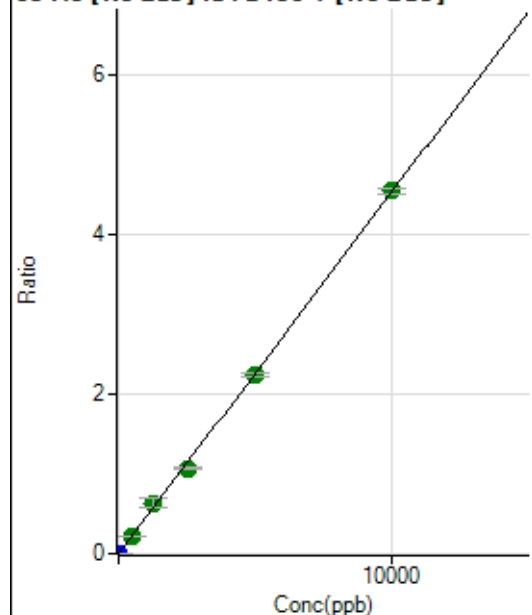
$$DL = 0.03608$$

$$BEC = 0.0224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	158.34	0.0000	P	35.2
2	<input type="checkbox"/>	5.000	4.543	28769.42	0.0021	P	5.2
3	<input type="checkbox"/>	500.000	469.769	3031441.47	0.2128	A	2.7
4	<input type="checkbox"/>	1250.000	1404.935	7434707.98	0.6364	A	19.2
5	<input type="checkbox"/>	2500.000	2363.506	14780192.87	1.0705	A	2.2
6	<input type="checkbox"/>	5000.000	4943.047	29706002.40	2.2389	A	2.4
7	<input type="checkbox"/>	10000.000	10044.745	62797032.65	4.5497	A	1.4
8	<input type="checkbox"/>			19502.10	0.0014	P	30.4

$$y = 4.5294E-004 * x + 1.1711E-005$$

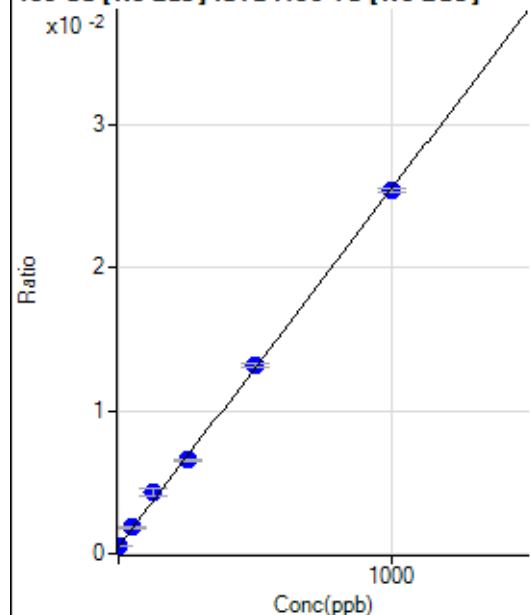
$$R = 0.9997$$

$$DL = 0.02731$$

$$BEC = 0.02586$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	4345.26	0.0005	P	2.4
2	<input type="checkbox"/>	1.000	0.148	4578.68	0.0005	P	2.8
3	<input type="checkbox"/>	50.000	52.931	16557.58	0.0018	P	1.9
4	<input type="checkbox"/>	125.000	151.868	33065.39	0.0043	P	14.0
5	<input type="checkbox"/>	250.000	241.923	61145.42	0.0066	P	1.7
6	<input type="checkbox"/>	500.000	508.845	114907.69	0.0132	P	1.9
7	<input type="checkbox"/>	1000.000	994.092	238624.85	0.0254	P	1.1
8	<input type="checkbox"/>			4228.56	0.0005	P	5.0

$$y = 2.5029\text{E-}005 * x + 4.9596\text{E-}004$$

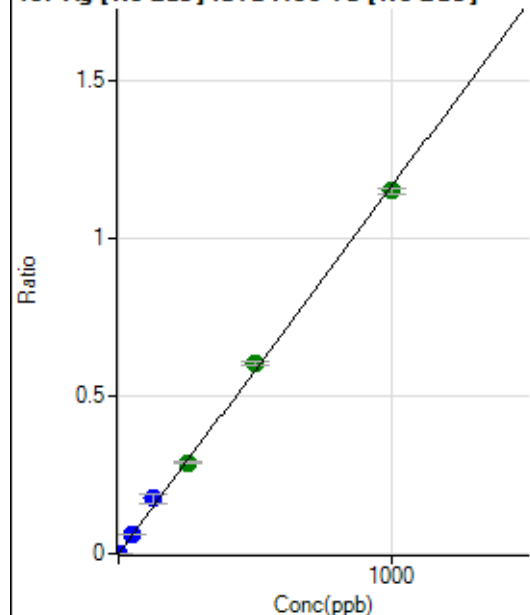
$$R = 0.9995$$

$$DL = 1.445$$

$$BEC = 19.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	152.78	0.0000	P	11.8
2	<input type="checkbox"/>	1.000	0.964	10445.85	0.0011	P	1.4
3	<input type="checkbox"/>	50.000	51.995	550614.09	0.0606	P	2.8
4	<input type="checkbox"/>	125.000	150.210	1343174.29	0.1750	P	15.9
5	<input type="checkbox"/>	250.000	248.344	2699157.31	0.2892	A	3.3
6	<input type="checkbox"/>	500.000	518.459	5243367.83	0.6038	A	2.2
7	<input type="checkbox"/>	1000.000	987.933	10819190.60	1.1506	A	1.6
8	<input type="checkbox"/>			3636.70	0.0004	P	5.7

$$y = 0.0012 * x + 1.7441\text{E-}005$$

$$R = 0.9994$$

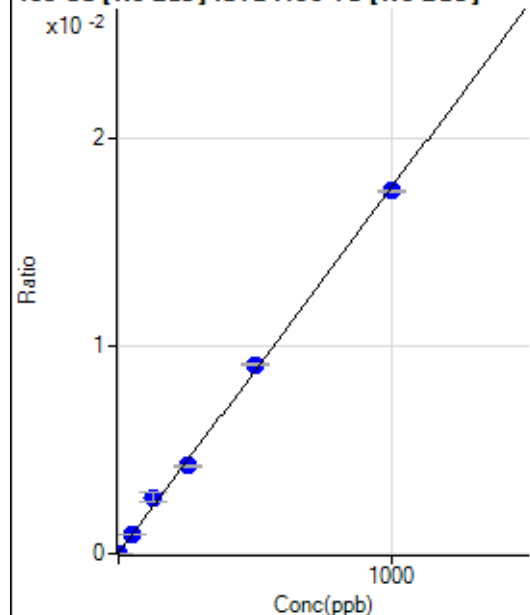
$$DL = 0.005323$$

$$BEC = 0.01498$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	215.28	0.0000	P	11.8
2	<input type="checkbox"/>	1.000	0.925	373.62	0.0000	P	22.7
3	<input type="checkbox"/>	50.000	50.846	8373.49	0.0009	P	2.5
4	<input type="checkbox"/>	125.000	152.018	20715.79	0.0027	P	17.8
5	<input type="checkbox"/>	250.000	240.010	39711.41	0.0043	P	2.5
6	<input type="checkbox"/>	500.000	515.877	79192.07	0.0091	P	1.2
7	<input type="checkbox"/>	1000.000	991.140	164515.58	0.0175	P	0.2
8	<input type="checkbox"/>			202.78	0.0000	P	13.4

$$y = 1.7628\text{E-}005 * x + 2.4585\text{E-}005$$

$$R = 0.9994$$

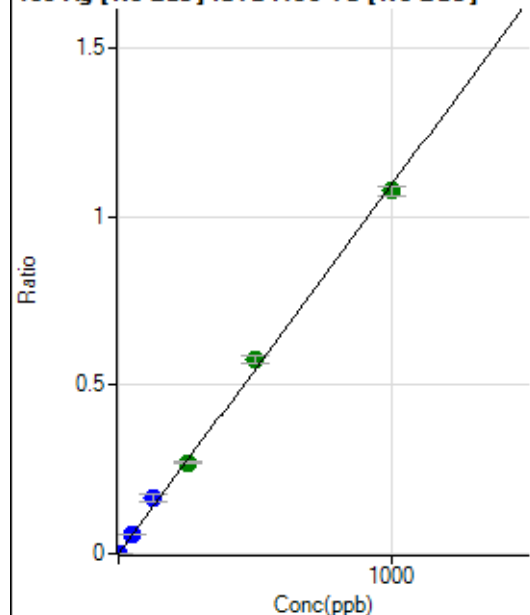
$$DL = 0.4957$$

$$BEC = 1.395$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	86.11	0.0000	P	37.8
2	<input type="checkbox"/>	1.000	0.922	9331.21	0.0010	P	3.4
3	<input type="checkbox"/>	50.000	52.371	521335.09	0.0573	P	0.7
4	<input type="checkbox"/>	125.000	152.161	1279135.85	0.1666	P	15.7
5	<input type="checkbox"/>	250.000	246.481	2517916.03	0.2698	A	2.4
6	<input type="checkbox"/>	500.000	526.934	5008167.43	0.5768	A	3.3
7	<input type="checkbox"/>	1000.000	983.899	10126993.11	1.0770	A	2.3
8	<input type="checkbox"/>			3383.86	0.0004	P	5.3

$$y = 0.0011 * x + 9.8702\text{E-}006$$

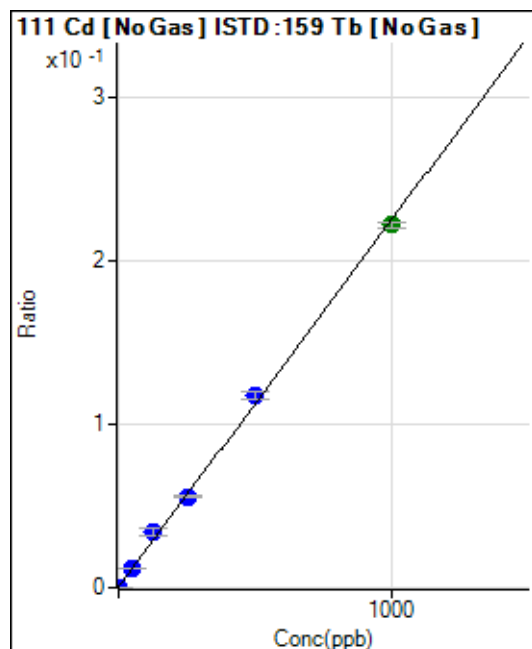
$$R = 0.9991$$

$$DL = 0.01023$$

$$BEC = 0.009017$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	2940.98	0.0003	P	2.1
2	<input type="checkbox"/>	1.000	0.941	5006.22	0.0005	P	0.3
3	<input type="checkbox"/>	50.000	51.557	108145.18	0.0119	P	1.0
4	<input type="checkbox"/>	125.000	150.703	262130.54	0.0341	P	15.2
5	<input type="checkbox"/>	250.000	246.897	519498.93	0.0557	P	3.8
6	<input type="checkbox"/>	500.000	521.490	1017921.40	0.1172	P	3.4
7	<input type="checkbox"/>	1000.000	986.740	2083153.79	0.2215	A	1.3
8	<input type="checkbox"/>			3363.89	0.0004	P	3.4

$$y = 2.2417\text{E-}004 * x + 3.3565\text{E-}004$$

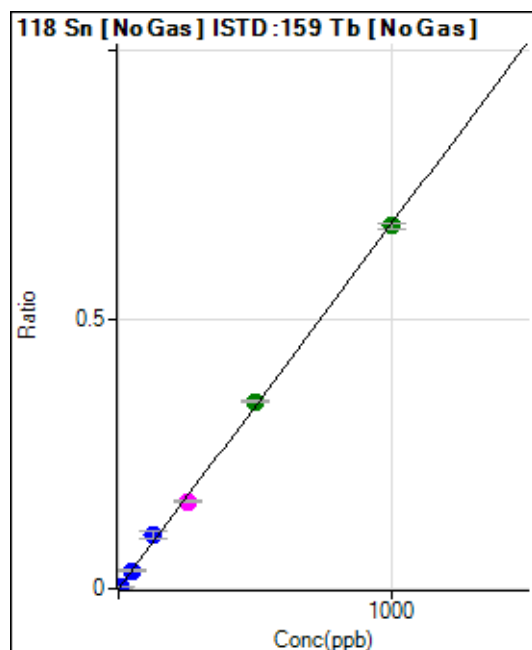
$$R = 0.9993$$

$$DL = 0.09287$$

$$BEC = 1.497$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	802.83	0.0001	P	7.0
2	<input type="checkbox"/>	5.000	4.597	29412.93	0.0032	P	0.3
3	<input type="checkbox"/>	50.000	49.911	308784.66	0.0340	P	0.6
4	<input type="checkbox"/>	125.000	147.399	767034.59	0.1001	P	17.5
5	<input type="checkbox"/>	250.000	239.247	1515800.54	0.1624	M	2.7
6	<input type="checkbox"/>	500.000	511.434	3014958.81	0.3471	A	1.1
7	<input type="checkbox"/>	1000.000	994.178	6344228.57	0.6747	A	1.2
8	<input type="checkbox"/>			5165.03	0.0006	P	2.7

$$y = 6.7855\text{E-}004 * x + 9.1671\text{E-}005$$

$$R = 0.9995$$

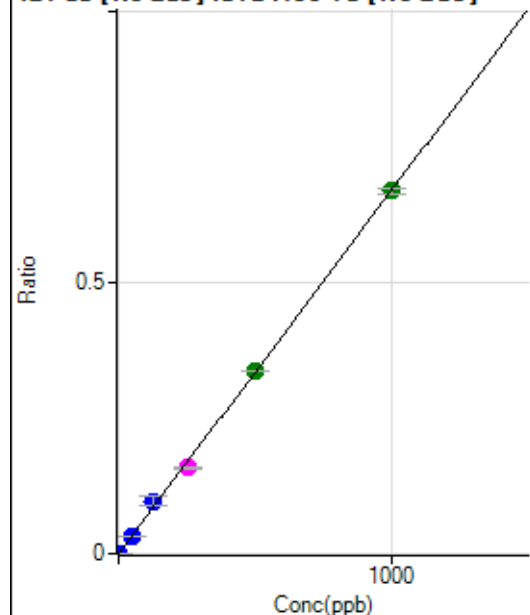
$$DL = 0.02832$$

$$BEC = 0.1351$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	55.56	0.0000	P	75.9
2	<input type="checkbox"/>	2.000	1.869	11521.84	0.0013	P	4.9
3	<input type="checkbox"/>	50.000	49.527	301629.85	0.0332	P	1.0
4	<input type="checkbox"/>	125.000	144.057	739491.21	0.0965	P	17.4
5	<input type="checkbox"/>	250.000	236.284	1476965.44	0.1583	M	1.8
6	<input type="checkbox"/>	500.000	504.196	2933097.90	0.3377	A	0.1
7	<input type="checkbox"/>	1000.000	998.973	6290619.24	0.6690	A	1.7
8	<input type="checkbox"/>			4106.29	0.0004	P	3.6

$$y = 6.6972\text{E-}004 * x + 6.3231\text{E-}006$$

$$R = 0.9997$$

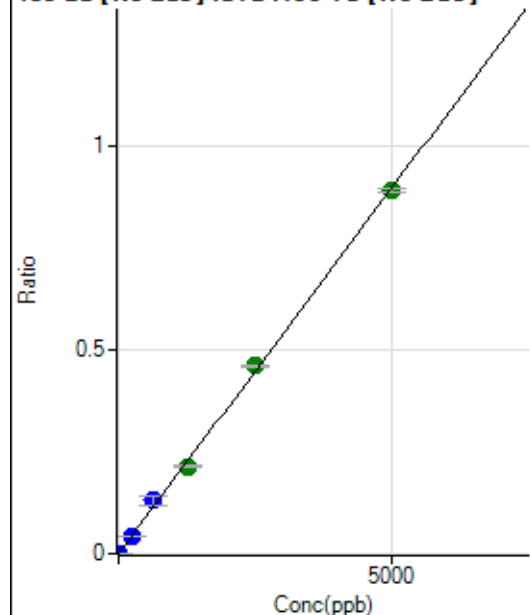
$$DL = 0.02149$$

$$BEC = 0.009441$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	33.34	0.0000	P	44.5
2	<input type="checkbox"/>	10.000	8.650	14238.49	0.0016	P	1.5
3	<input type="checkbox"/>	250.000	244.278	398102.38	0.0438	P	2.5
4	<input type="checkbox"/>	625.000	728.947	999955.36	0.1307	P	18.6
5	<input type="checkbox"/>	1250.000	1190.373	1991629.04	0.2134	A	2.3
6	<input type="checkbox"/>	2500.000	2572.645	4005532.64	0.4612	A	1.1
7	<input type="checkbox"/>	5000.000	4965.880	8369943.85	0.8902	A	1.1
8	<input type="checkbox"/>			4106.30	0.0004	P	5.1

$$y = 1.7925\text{E-}004 * x + 3.8253\text{E-}006$$

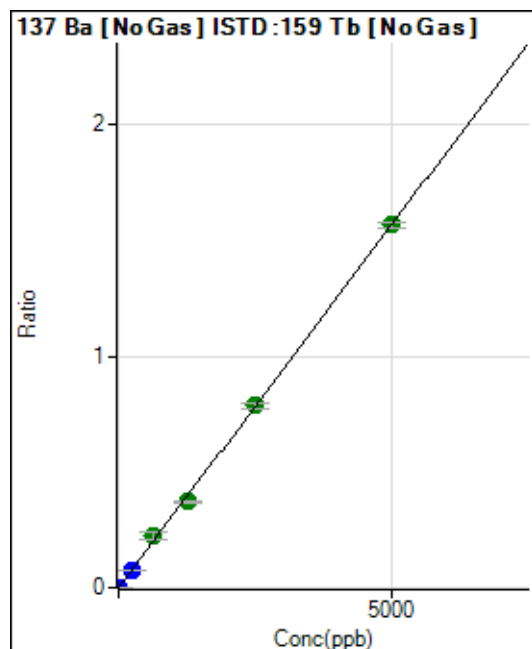
$$R = 0.9995$$

$$DL = 0.02846$$

$$BEC = 0.02134$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	55.56	0.0000	P	47.1
2	<input type="checkbox"/>	10.000	8.740	25121.26	0.0027	P	6.4
3	<input type="checkbox"/>	250.000	242.968	691798.73	0.0761	P	4.0
4	<input type="checkbox"/>	625.000	715.635	1717900.26	0.2242	A	17.5
5	<input type="checkbox"/>	1250.000	1183.203	3458506.20	0.3706	A	2.8
6	<input type="checkbox"/>	2500.000	2509.811	6825696.07	0.7861	A	3.6
7	<input type="checkbox"/>	5000.000	5000.819	14727740.43	1.5664	A	1.5
8	<input type="checkbox"/>			7213.29	0.0008	P	3.1

$$y = 3.1322\text{E-}004 * x + 6.3049\text{E-}006$$

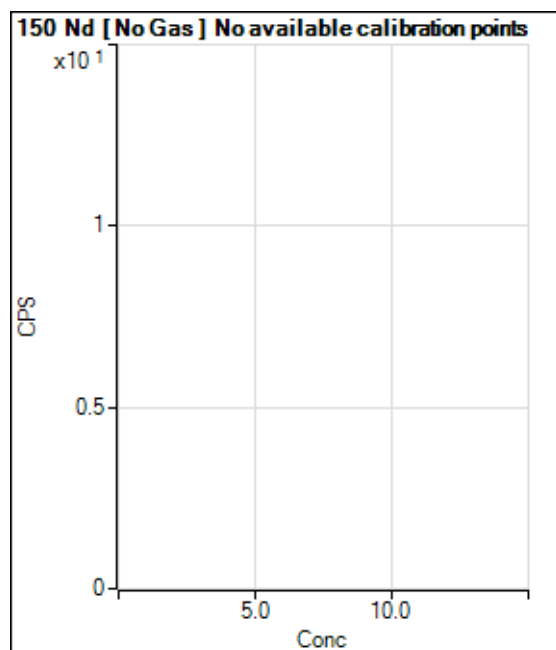
$$R = 0.9997$$

$$DL = 0.02842$$

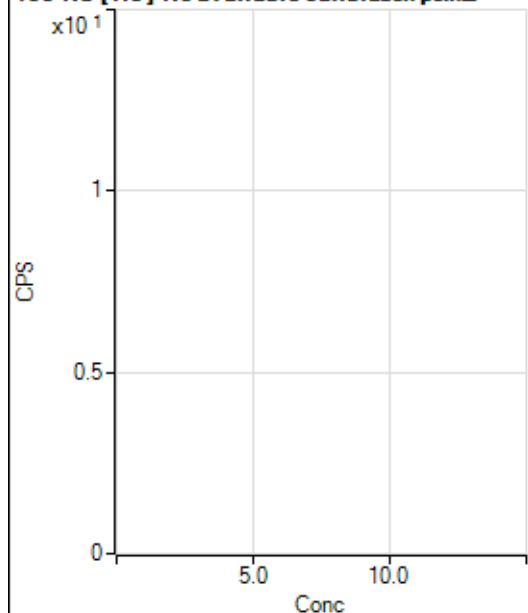
$$BEC = 0.02013$$

Weight: <None>

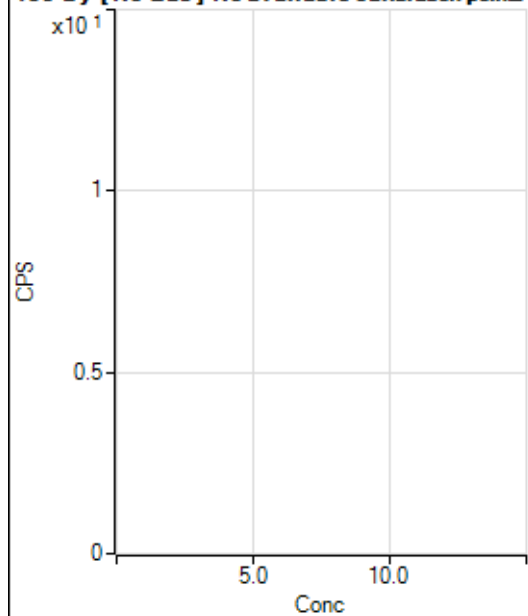
Min Conc: 0



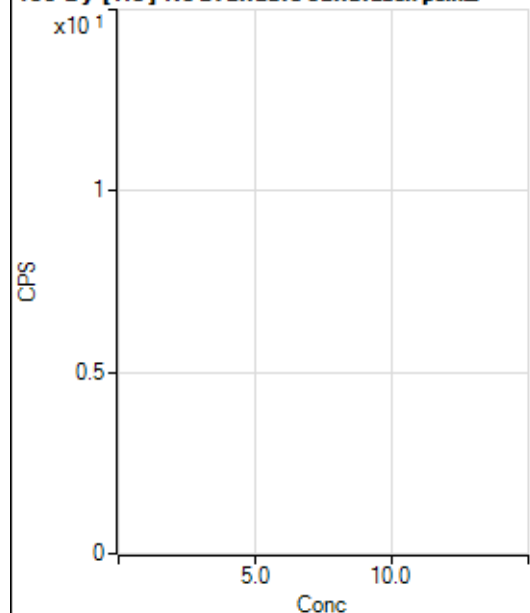
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			15.56		P	49.5
2	<input type="checkbox"/>			11.11		P	124.9
3	<input type="checkbox"/>			44.45		P	8.7
4	<input type="checkbox"/>			60.00		P	11.1
5	<input type="checkbox"/>			140.00		P	33.3
6	<input type="checkbox"/>			273.34		P	4.2
7	<input type="checkbox"/>			528.91		P	3.6
8	<input type="checkbox"/>			91.12		P	47.6

150 Nd [He] No available calibration points

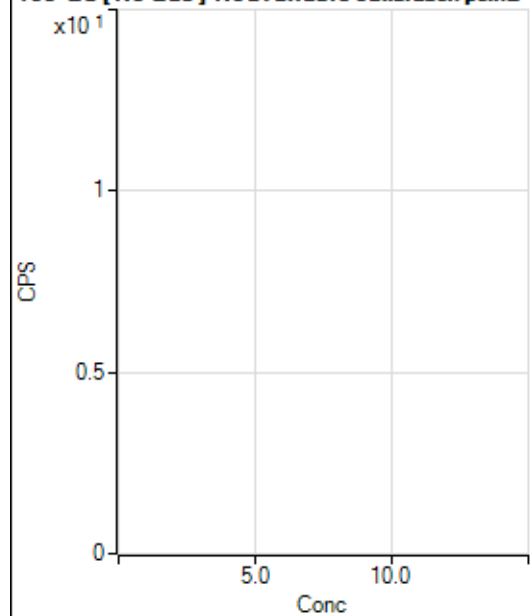
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			0.00		P	
2	<input type="checkbox"/>			1.11		P	173.2
3	<input type="checkbox"/>			2.22		P	173.2
4	<input type="checkbox"/>			3.33		P	100.1
5	<input type="checkbox"/>			14.44		P	113.8
6	<input type="checkbox"/>			16.67		P	80.0
7	<input type="checkbox"/>			38.89		P	13.1
8	<input type="checkbox"/>			28.89		P	17.6

156 Dy [No Gas] No available calibration points

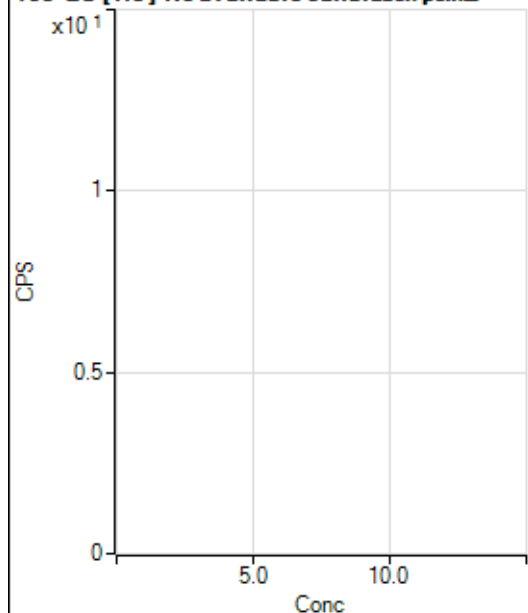
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			19.45		P	24.7
2	<input type="checkbox"/>			22.22		P	21.6
3	<input type="checkbox"/>			38.89		P	53.9
4	<input type="checkbox"/>			66.67		P	21.6
5	<input type="checkbox"/>			100.00		P	8.3
6	<input type="checkbox"/>			225.01		P	19.6
7	<input type="checkbox"/>			383.35		P	12.1
8	<input type="checkbox"/>			808.38		P	8.2

156 Dy [He] No available calibration points

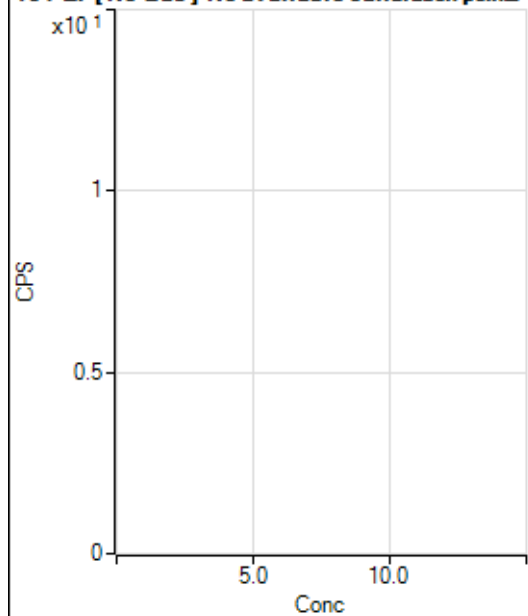
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			2.22		P	173.2
2	<input type="checkbox"/>			6.67		P	0.0
3	<input type="checkbox"/>			13.33		P	66.2
4	<input type="checkbox"/>			12.22		P	41.7
5	<input type="checkbox"/>			31.11		P	6.2
6	<input type="checkbox"/>			71.11		P	19.5
7	<input type="checkbox"/>			140.01		P	8.2
8	<input type="checkbox"/>			278.90		P	6.6

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

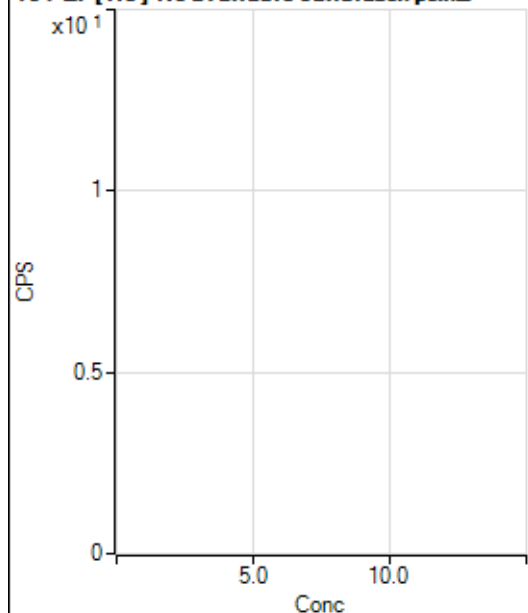
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			77.78		P	55.0
2	<input type="checkbox"/>			52.78		P	55.5
3	<input type="checkbox"/>			63.89		P	83.9
4	<input type="checkbox"/>			69.45		P	30.2
5	<input type="checkbox"/>			163.90		P	26.1
6	<input type="checkbox"/>			175.01		P	20.8
7	<input type="checkbox"/>			272.23		P	19.7
8	<input type="checkbox"/>			583.36		P	14.1

160 Gd [He] No available calibration points

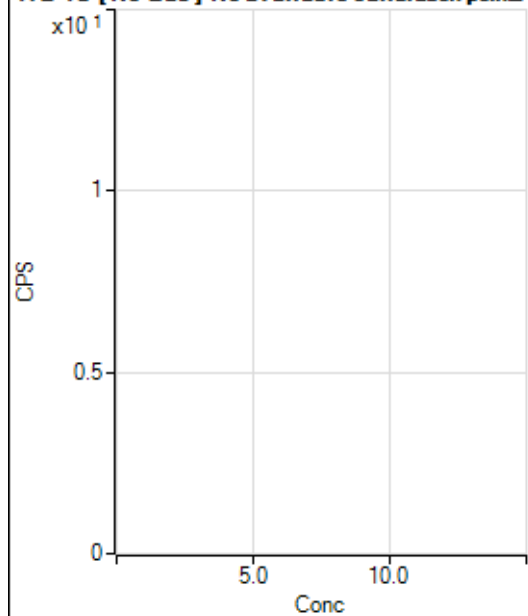
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			57.78		P	27.3
2	<input type="checkbox"/>			71.11		P	9.8
3	<input type="checkbox"/>			81.11		P	26.1
4	<input type="checkbox"/>			68.89		P	7.4
5	<input type="checkbox"/>			103.33		P	27.6
6	<input type="checkbox"/>			117.78		P	9.1
7	<input type="checkbox"/>			216.67		P	12.2
8	<input type="checkbox"/>			312.23		P	15.0

164 Er [No Gas] No available calibration points

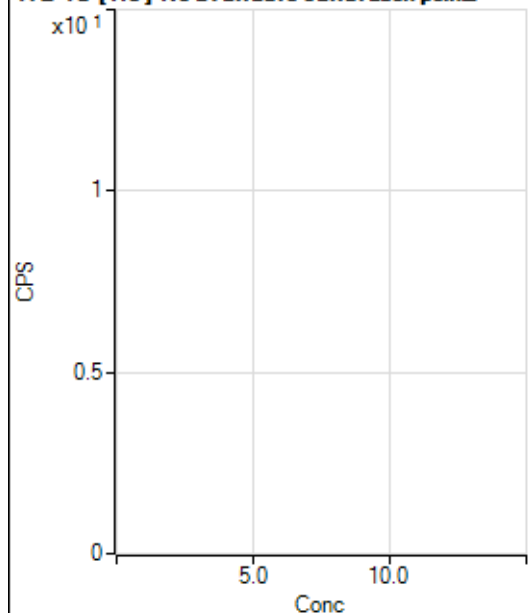
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			55.56		P	48.2
2	<input type="checkbox"/>			44.45		P	47.2
3	<input type="checkbox"/>			58.34		P	51.5
4	<input type="checkbox"/>			69.45		P	42.1
5	<input type="checkbox"/>			97.23		P	27.6
6	<input type="checkbox"/>			88.89		P	23.6
7	<input type="checkbox"/>			100.00		P	41.7
8	<input type="checkbox"/>			102.78		P	16.9

164 Er [He] No available calibration points

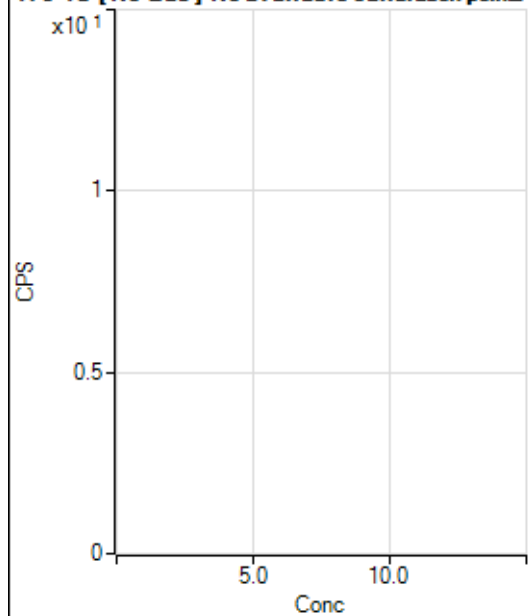
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			25.56		P	7.5
2	<input type="checkbox"/>			20.00		P	16.7
3	<input type="checkbox"/>			27.78		P	30.2
4	<input type="checkbox"/>			17.78		P	21.7
5	<input type="checkbox"/>			34.45		P	11.2
6	<input type="checkbox"/>			42.22		P	27.7
7	<input type="checkbox"/>			62.22		P	32.3
8	<input type="checkbox"/>			58.89		P	14.2

172 Yb [No Gas] No available calibration points

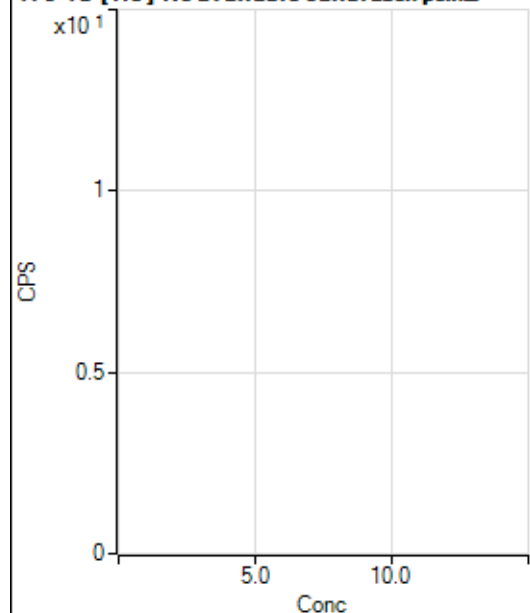
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			44.44		P	39.0
2	<input type="checkbox"/>			63.89		P	19.9
3	<input type="checkbox"/>			58.33		P	14.3
4	<input type="checkbox"/>			72.22		P	6.7
5	<input type="checkbox"/>			66.67		P	33.1
6	<input type="checkbox"/>			58.33		P	37.8
7	<input type="checkbox"/>			102.78		P	28.5
8	<input type="checkbox"/>			155.56		P	22.3

172 Yb [He] No available calibration points

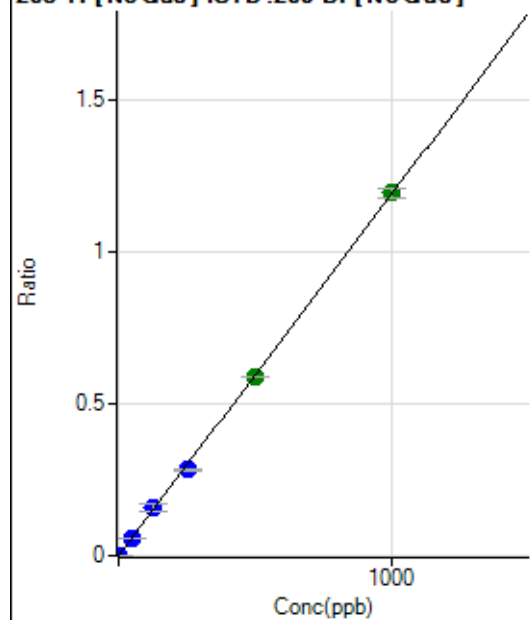
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			35.19		P	65.7
2	<input type="checkbox"/>			22.22		P	25.0
3	<input type="checkbox"/>			16.67		P	57.7
4	<input type="checkbox"/>			29.63		P	43.3
5	<input type="checkbox"/>			31.48		P	53.9
6	<input type="checkbox"/>			33.33		P	16.7
7	<input type="checkbox"/>			59.26		P	21.6
8	<input type="checkbox"/>			77.78		P	25.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			1364.00		P	0.9
2	<input type="checkbox"/>			1244.54		P	3.1
3	<input type="checkbox"/>			2466.98		P	13.2
4	<input type="checkbox"/>			3920.15		P	4.9
5	<input type="checkbox"/>			7494.01		P	0.8
6	<input type="checkbox"/>			12781.55		P	2.3
7	<input type="checkbox"/>			26360.20		P	1.1
8	<input type="checkbox"/>			1325.10		P	5.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>			4812.07		P	5.8
2	<input type="checkbox"/>			4938.06		P	9.4
3	<input type="checkbox"/>			5380.82		P	4.4
4	<input type="checkbox"/>			6040.39		P	6.5
5	<input type="checkbox"/>			7439.27		P	1.4
6	<input type="checkbox"/>			9924.27		P	1.1
7	<input type="checkbox"/>			15396.24		P	1.9
8	<input type="checkbox"/>			4867.66		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	569.48	0.0001	P	18.4
2	<input type="checkbox"/>	1.000	0.877	5948.75	0.0012	P	3.3
3	<input type="checkbox"/>	50.000	46.246	282954.69	0.0550	P	2.3
4	<input type="checkbox"/>	125.000	132.933	687469.93	0.1580	P	16.8
5	<input type="checkbox"/>	250.000	237.881	1425031.78	0.2826	P	2.4
6	<input type="checkbox"/>	500.000	496.878	2869782.90	0.5902	A	0.2
7	<input type="checkbox"/>	1000.000	1003.787	5938640.63	1.1921	A	2.7
8	<input type="checkbox"/>			2291.94	0.0005	P	3.4

$$y = 0.0012 * x + 1.1108E-004$$

$$R = 0.9999$$

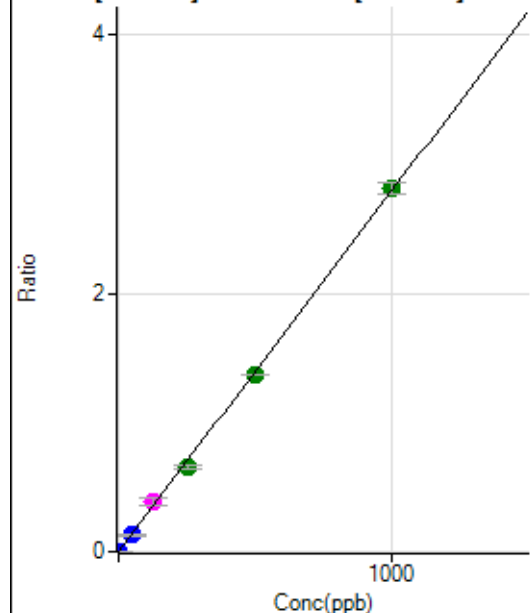
$$DL = 0.0517$$

$$BEC = 0.09354$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	1500.13	0.0003	P	7.8
2	<input type="checkbox"/>	1.000	0.833	13507.47	0.0026	P	3.4
3	<input type="checkbox"/>	50.000	46.224	663563.43	0.1291	P	5.3
4	<input type="checkbox"/>	125.000	137.162	1666509.01	0.3826	M	16.0
5	<input type="checkbox"/>	250.000	234.575	3298473.53	0.6541	A	2.6
6	<input type="checkbox"/>	500.000	491.608	6663920.98	1.3704	A	0.4
7	<input type="checkbox"/>	1000.000	1006.721	13978026.01	2.8061	A	3.3
8	<input type="checkbox"/>			5454.12	0.0012	P	3.8

$$y = 0.0028 * x + 2.9276E-004$$

$$R = 0.9997$$

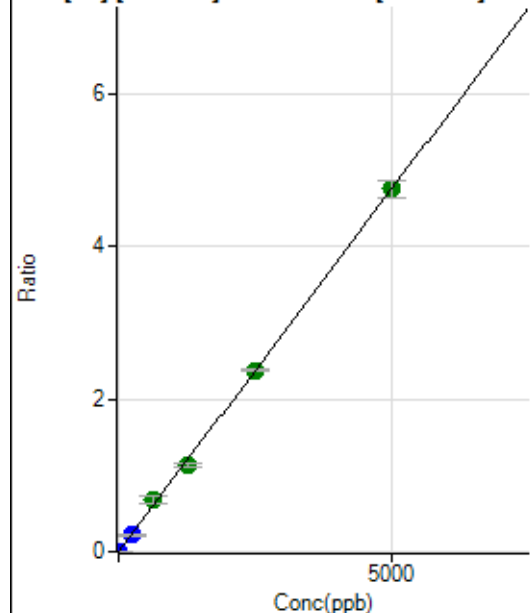
$$DL = 0.02465$$

$$BEC = 0.105$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	914.87	0.0002	P	7.4
2	<input type="checkbox"/>	1.000	0.866	5167.79	0.0010	P	0.7
3	<input type="checkbox"/>	250.000	225.801	1103332.19	0.2146	P	4.0
4	<input type="checkbox"/>	625.000	715.516	2959268.70	0.6797	A	16.4
5	<input type="checkbox"/>	1250.000	1189.262	5695611.99	1.1297	A	3.1
6	<input type="checkbox"/>	2500.000	2499.867	11545711.37	2.3744	A	0.7
7	<input type="checkbox"/>	5000.000	5005.146	23679744.05	4.7537	A	4.4
8	<input type="checkbox"/>			6179.36	0.0014	P	6.6

$$y = 9.4973E-004 * x + 1.7853E-004$$

$$R = 0.9997$$

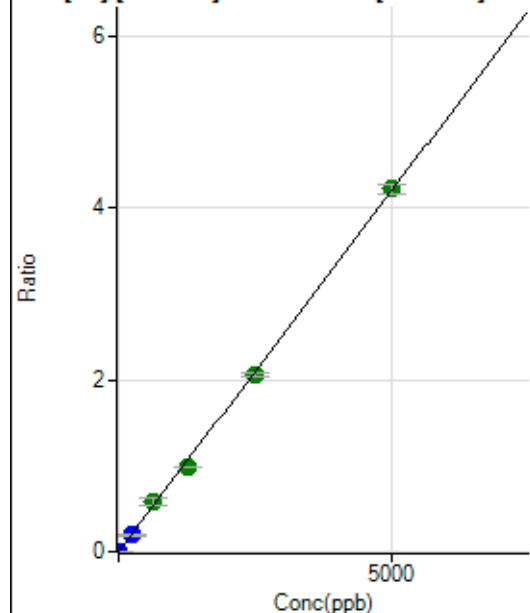
$$DL = 0.04191$$

$$BEC = 0.188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	872.27	0.0002	P	7.4
2	<input type="checkbox"/>	1.000	0.809	4382.29	0.0008	P	6.5
3	<input type="checkbox"/>	250.000	227.363	981813.05	0.1910	P	3.4
4	<input type="checkbox"/>	625.000	697.327	2545770.98	0.5854	A	17.7
5	<input type="checkbox"/>	1250.000	1175.249	4976295.77	0.9865	A	0.6
6	<input type="checkbox"/>	2500.000	2458.119	10032703.58	2.0632	A	1.7
7	<input type="checkbox"/>	5000.000	5031.719	21037806.26	4.2231	A	2.9
8	<input type="checkbox"/>			5136.30	0.0011	P	8.6

$$y = 8.3926E-004 * x + 1.7021E-004$$

$$R = 0.9997$$

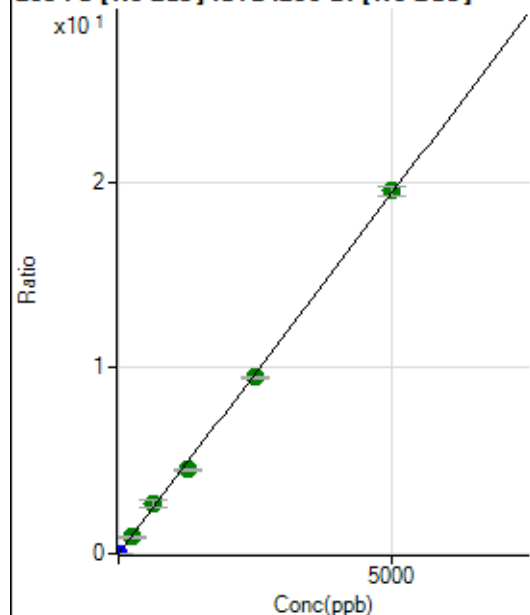
$$DL = 0.04511$$

$$BEC = 0.2028$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	3824.37	0.0007	P	3.9
2	<input type="checkbox"/>	1.000	0.852	20907.16	0.0041	P	2.5
3	<input type="checkbox"/>	250.000	227.876	4545910.68	0.8843	A	3.2
4	<input type="checkbox"/>	625.000	694.411	11719751.10	2.6931	A	16.9
5	<input type="checkbox"/>	1250.000	1168.497	22849997.50	4.5313	A	2.2
6	<input type="checkbox"/>	2500.000	2453.349	46258031.01	9.5129	A	1.1
7	<input type="checkbox"/>	5000.000	5036.131	97288445.93	19.5269	A	2.5
8	<input type="checkbox"/>			24535.69	0.0054	P	7.1

$$y = 0.0039 * x + 7.4642E-004$$

$$R = 0.9996$$

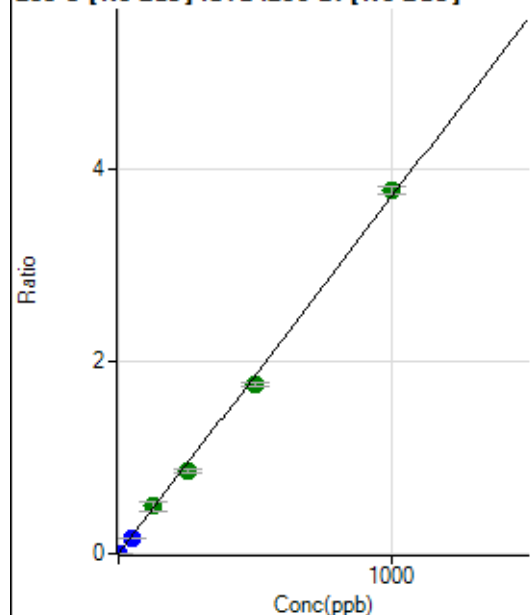
$$DL = 0.02241$$

$$BEC = 0.1925$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	0.000	0.000	41.67	0.0000	P	69.5
2	<input type="checkbox"/>	1.000	0.789	15187.32	0.0029	P	4.4
3	<input type="checkbox"/>	50.000	43.497	832109.26	0.1618	P	2.5
4	<input type="checkbox"/>	125.000	132.826	2148055.15	0.4942	A	17.7
5	<input type="checkbox"/>	250.000	233.876	4386605.09	0.8702	A	4.5
6	<input type="checkbox"/>	500.000	473.654	8570069.89	1.7623	A	1.9
7	<input type="checkbox"/>	1000.000	1016.551	18842534.28	3.7822	A	2.1
8	<input type="checkbox"/>			2022.46	0.0004	P	8.0

$$y = 0.0037 * x + 8.1600E-006$$

$$R = 0.9993$$

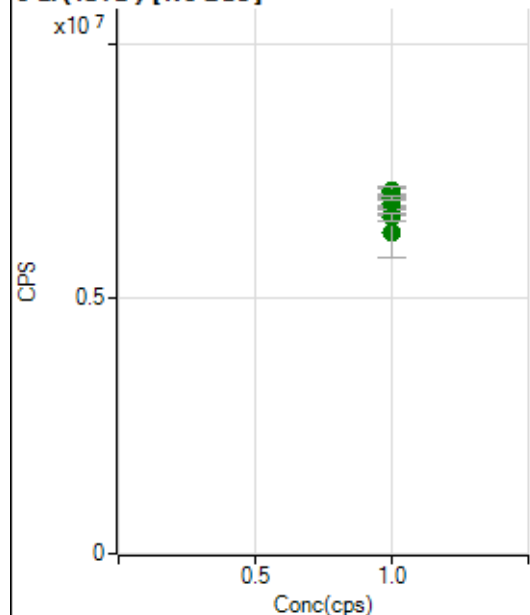
$$DL = 0.004572$$

$$BEC = 0.002193$$

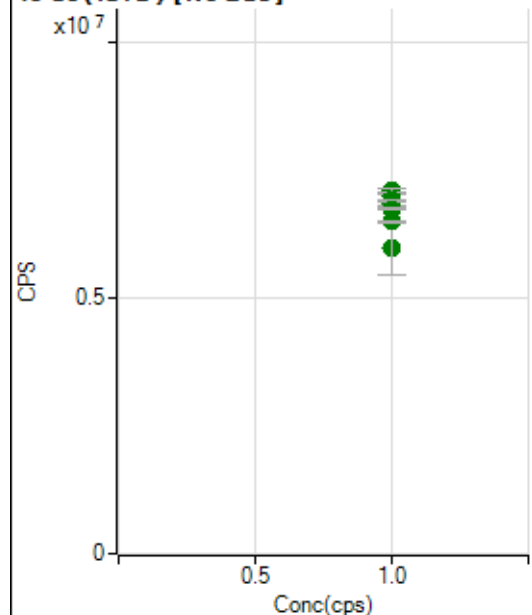
Weight: <None>

Min Conc: 0

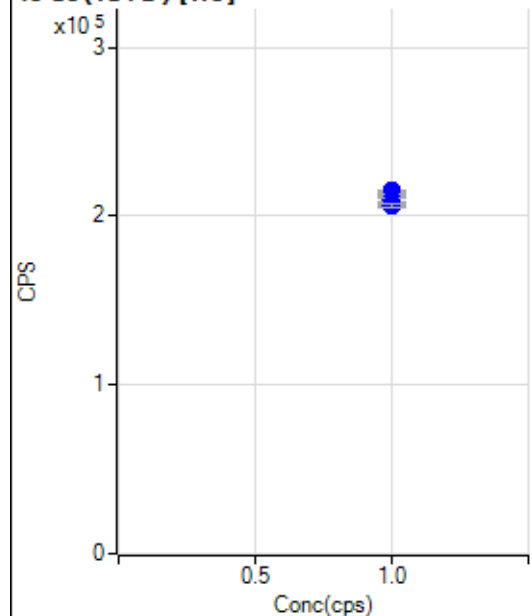
6 Li (ISTD) [No Gas]



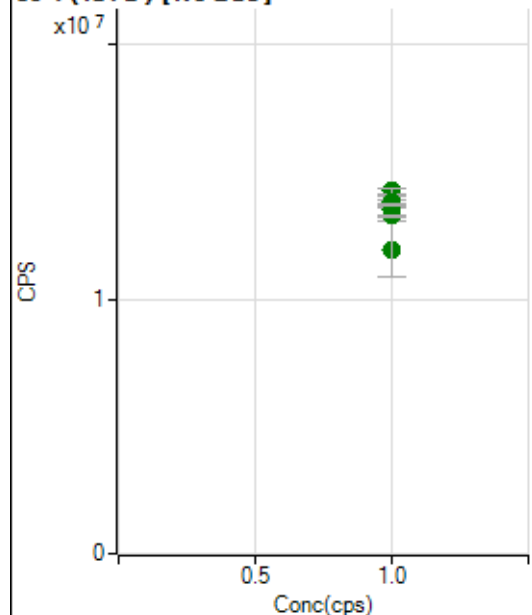
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		6802542.97		A	0.7
2	<input type="checkbox"/>	1.000		6856915.13		A	3.7
3	<input type="checkbox"/>	1.000		7111505.34		A	1.6
4	<input type="checkbox"/>	1.000		6280470.26		A	14.8
5	<input type="checkbox"/>	1.000		7101746.61		A	2.4
6	<input type="checkbox"/>	1.000		6686081.23		A	1.3
7	<input type="checkbox"/>	1.000		6960275.91		A	1.0
8	<input type="checkbox"/>	1.000		6590862.14		A	2.4

45 Sc (ISTD) [No Gas]

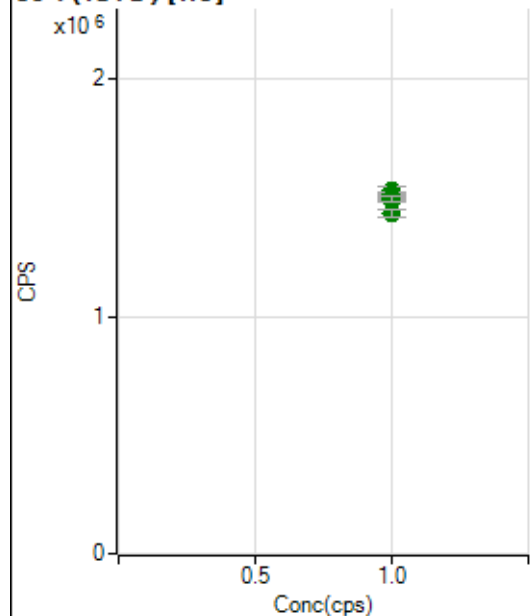
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		6781913.79		A	2.0
2	<input type="checkbox"/>	1.000		6962680.87		A	2.0
3	<input type="checkbox"/>	1.000		7080212.19		A	0.9
4	<input type="checkbox"/>	1.000		5972705.15		A	17.5
5	<input type="checkbox"/>	1.000		6843727.33		A	1.9
6	<input type="checkbox"/>	1.000		6483091.43		A	0.5
7	<input type="checkbox"/>	1.000		6890565.87		A	0.6
8	<input type="checkbox"/>	1.000		6728123.37		A	0.6

45 Sc (ISTD) [He]

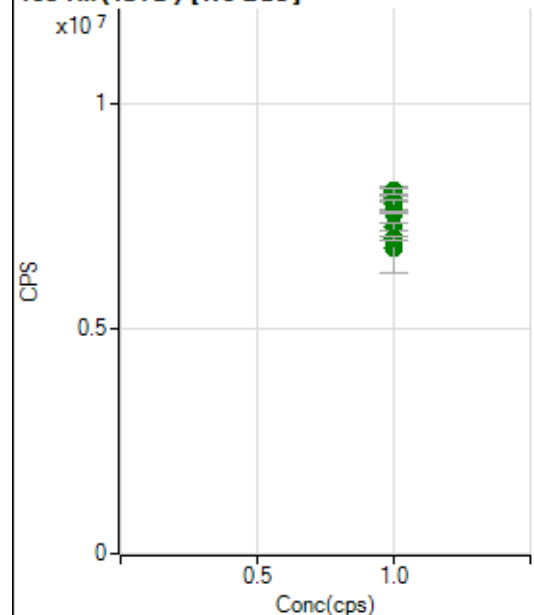
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		206058.39		P	0.5
2	<input type="checkbox"/>	1.000		212473.81		P	0.2
3	<input type="checkbox"/>	1.000		214902.37		P	0.6
4	<input type="checkbox"/>	1.000		212748.34		P	0.4
5	<input type="checkbox"/>	1.000		209314.37		P	1.1
6	<input type="checkbox"/>	1.000		206894.34		P	1.2
7	<input type="checkbox"/>	1.000		205933.22		P	0.5
8	<input type="checkbox"/>	1.000		205940.09		P	1.1

89 Y (ISTD) [No Gas]

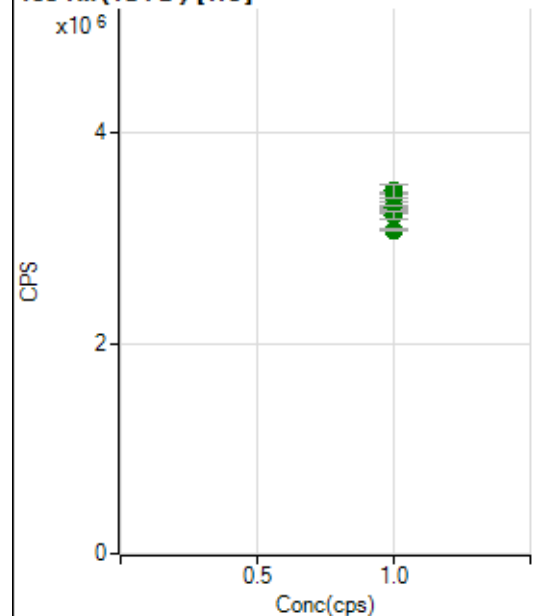
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		13482923.83		A	2.7
2	<input type="checkbox"/>	1.000		13913205.35		A	2.1
3	<input type="checkbox"/>	1.000		14249656.45		A	1.5
4	<input type="checkbox"/>	1.000		11968427.81		A	18.8
5	<input type="checkbox"/>	1.000		13813114.10		A	3.4
6	<input type="checkbox"/>	1.000		13269743.14		A	0.8
7	<input type="checkbox"/>	1.000		13804539.79		A	1.6
8	<input type="checkbox"/>	1.000		13718686.32		A	0.7

89 Y (ISTD) [He]

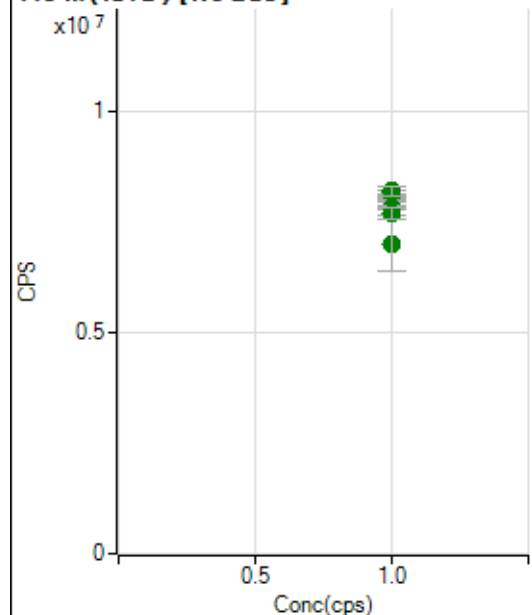
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		1433479.27		A	2.3
2	<input type="checkbox"/>	1.000		1528473.02		A	2.3
3	<input type="checkbox"/>	1.000		1498535.78		A	1.3
4	<input type="checkbox"/>	1.000		1512890.34		A	1.1
5	<input type="checkbox"/>	1.000		1491712.13		A	1.6
6	<input type="checkbox"/>	1.000		1510739.42		A	1.4
7	<input type="checkbox"/>	1.000		1497701.09		A	0.9
8	<input type="checkbox"/>	1.000		1493565.93		A	1.4

103 Rh (ISTD) [No Gas]

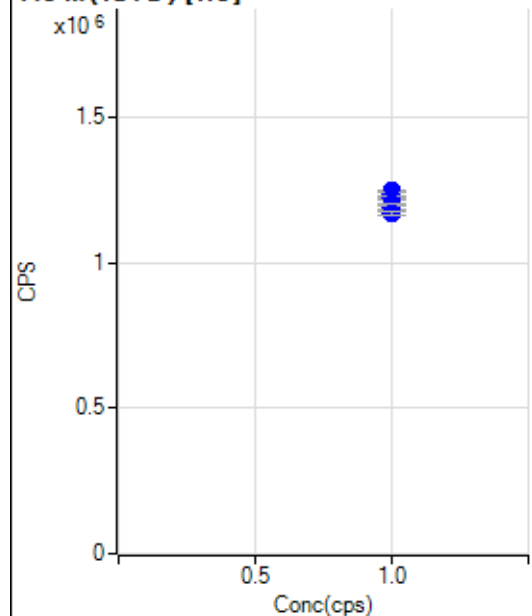
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		7901327.09		A	2.3
2	<input type="checkbox"/>	1.000		8056190.11		A	2.4
3	<input type="checkbox"/>	1.000		8063572.84		A	1.8
4	<input type="checkbox"/>	1.000		6807334.53		A	16.6
5	<input type="checkbox"/>	1.000		7763482.46		A	2.9
6	<input type="checkbox"/>	1.000		7279409.45		A	2.4
7	<input type="checkbox"/>	1.000		7572020.13		A	0.6
8	<input type="checkbox"/>	1.000		6995813.09		A	1.4

103 Rh (ISTD) [He]

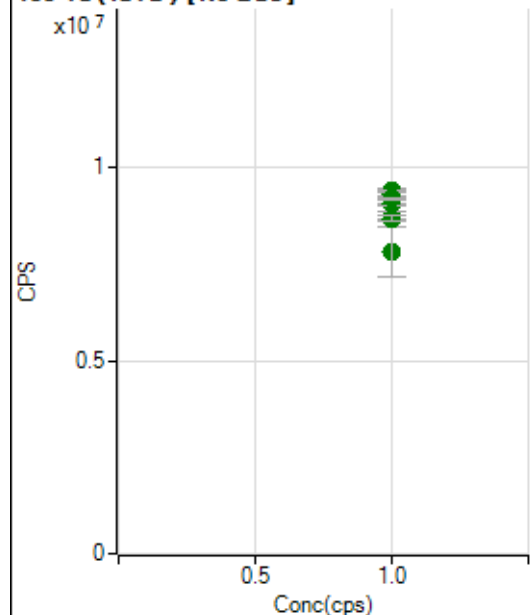
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		3285912.38		A	3.3
2	<input type="checkbox"/>	1.000		3428321.06		A	0.4
3	<input type="checkbox"/>	1.000		3378146.41		A	1.8
4	<input type="checkbox"/>	1.000		3446109.78		A	3.5
5	<input type="checkbox"/>	1.000		3294424.60		A	0.7
6	<input type="checkbox"/>	1.000		3292015.09		A	0.9
7	<input type="checkbox"/>	1.000		3215673.70		A	2.6
8	<input type="checkbox"/>	1.000		3073142.49		A	0.7

115 In (ISTD) [No Gas]

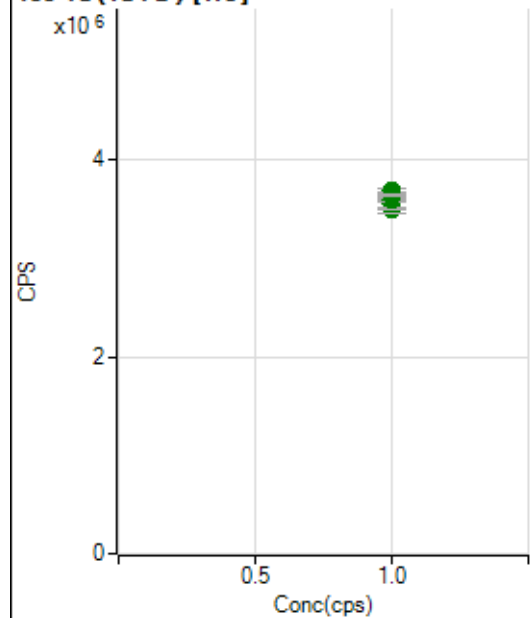
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		8029483.62		A	1.1
2	<input type="checkbox"/>	1.000		8172951.40		A	1.4
3	<input type="checkbox"/>	1.000		8087530.03		A	1.7
4	<input type="checkbox"/>	1.000		6996053.08		A	16.8
5	<input type="checkbox"/>	1.000		8212324.15		A	2.6
6	<input type="checkbox"/>	1.000		7820865.38		A	3.6
7	<input type="checkbox"/>	1.000		7837072.74		A	0.9
8	<input type="checkbox"/>	1.000		7713987.47		A	3.1

115 In (ISTD) [He]

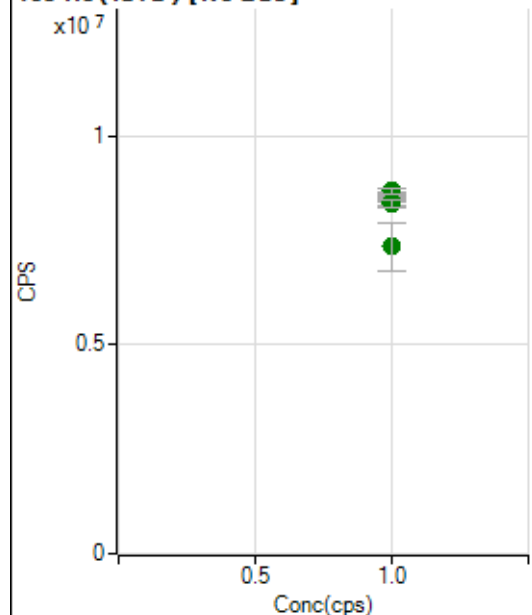
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		1189118.57		P	0.9
2	<input type="checkbox"/>	1.000		1246589.98		P	0.9
3	<input type="checkbox"/>	1.000		1224445.17		P	0.4
4	<input type="checkbox"/>	1.000		1235093.11		P	1.3
5	<input type="checkbox"/>	1.000		1223101.41		P	1.2
6	<input type="checkbox"/>	1.000		1200841.42		P	0.5
7	<input type="checkbox"/>	1.000		1169749.07		P	0.7
8	<input type="checkbox"/>	1.000		1168607.94		P	1.2

159 Tb (ISTD) [No Gas]

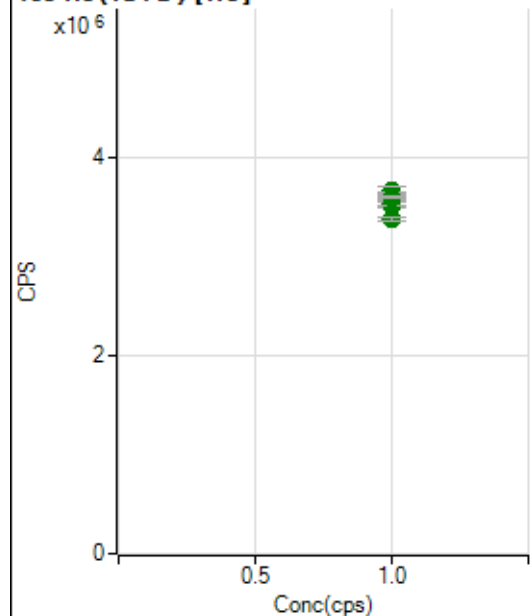
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		8763892.58		A	2.0
2	<input type="checkbox"/>	1.000		9160401.39		A	1.9
3	<input type="checkbox"/>	1.000		9092573.89		A	1.2
4	<input type="checkbox"/>	1.000		7815691.55		A	16.9
5	<input type="checkbox"/>	1.000		9336733.54		A	3.2
6	<input type="checkbox"/>	1.000		8686231.33		A	2.0
7	<input type="checkbox"/>	1.000		9402917.01		A	0.6
8	<input type="checkbox"/>	1.000		9208017.15		A	0.3

159 Tb (ISTD) [He]

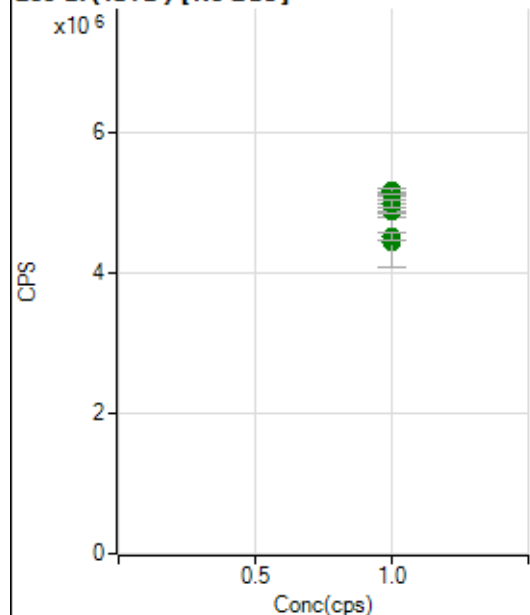
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		3488693.35		A	1.4
2	<input type="checkbox"/>	1.000		3550665.54		A	2.3
3	<input type="checkbox"/>	1.000		3586426.54		A	4.7
4	<input type="checkbox"/>	1.000		3683624.49		A	1.6
5	<input type="checkbox"/>	1.000		3595915.85		A	1.1
6	<input type="checkbox"/>	1.000		3631932.38		A	1.6
7	<input type="checkbox"/>	1.000		3664226.34		A	0.6
8	<input type="checkbox"/>	1.000		3645831.72		A	0.7

165 Ho (ISTD) [No Gas]

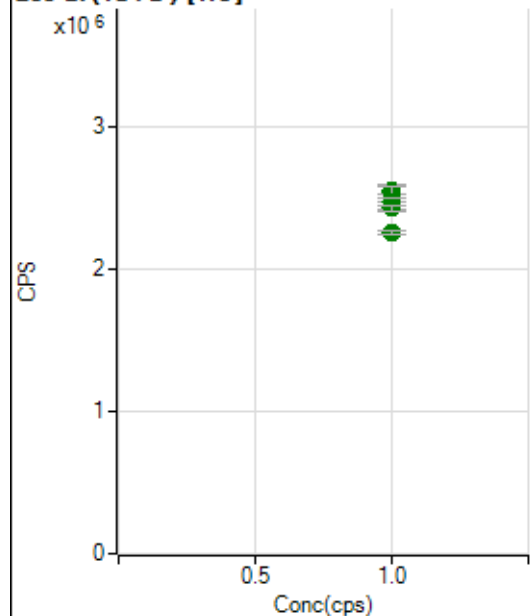
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		8376188.21		A	0.8
2	<input type="checkbox"/>	1.000		8431120.85		A	2.1
3	<input type="checkbox"/>	1.000		8635863.21		A	2.3
4	<input type="checkbox"/>	1.000		7340063.97		A	16.2
5	<input type="checkbox"/>	1.000		8603515.82		A	0.9
6	<input type="checkbox"/>	1.000		8368597.41		A	2.1
7	<input type="checkbox"/>	1.000		8681088.39		A	1.1
8	<input type="checkbox"/>	1.000		8675644.03		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		3377268.87		A	1.2
2	<input type="checkbox"/>	1.000		3528446.72		A	1.7
3	<input type="checkbox"/>	1.000		3546487.31		A	1.2
4	<input type="checkbox"/>	1.000		3600301.23		A	2.3
5	<input type="checkbox"/>	1.000		3609518.59		A	2.6
6	<input type="checkbox"/>	1.000		3667913.45		A	2.8
7	<input type="checkbox"/>	1.000		3611587.38		A	2.7
8	<input type="checkbox"/>	1.000		3605159.25		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		5122779.23		A	0.7
2	<input type="checkbox"/>	1.000		5163080.20		A	1.4
3	<input type="checkbox"/>	1.000		5143717.98		A	2.6
4	<input type="checkbox"/>	1.000		4431030.25		A	16.2
5	<input type="checkbox"/>	1.000		5044848.40		A	3.0
6	<input type="checkbox"/>	1.000		4862744.68		A	0.5
7	<input type="checkbox"/>	1.000		4983289.30		A	2.0
8	<input type="checkbox"/>	1.000		4511547.57		A	2.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	<input type="checkbox"/>	1.000		2436202.05		A	0.9
2	<input type="checkbox"/>	1.000		2501821.25		A	2.5
3	<input type="checkbox"/>	1.000		2469911.51		A	0.3
4	<input type="checkbox"/>	1.000		2549310.40		A	3.7
5	<input type="checkbox"/>	1.000		2538260.47		A	2.9
6	<input type="checkbox"/>	1.000		2476878.38		A	2.0
7	<input type="checkbox"/>	1.000		2426224.11		A	1.9
8	<input type="checkbox"/>	1.000		2254362.52		A	0.9

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8040522-MS.b

Acq. Date-Time 2022-04-05 14:12:31

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		16310	163098.58			0.527	5.000
24		97257	972571.15			1.686	5.000
25		12912	129117.09			0.551	5.000
26		14711	147111.22			1.072	5.000
59		20164	201642.56			0.823	5.000
113		9189	91890.08			0.788	5.000
115		27853	278531.76			3.725	5.000
206		9587	95865.99			1.402	5.000
207		7951	79506.51			1.197	5.000
208		19913	199133.46			1.379	5.000
220		1	8.20			32.723	

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

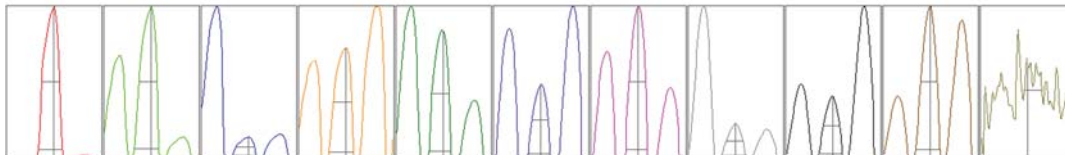
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	16169	16288	16368	16379	16344
24	97130	94558	98029	97673	98895
25	12857	12853	12870	12984	12995
26	14801	14538	14540	14831	14845
59	20087	20431	20172	19984	20148
113	9224	9218	9210	9233	9060
115	29125	28554	27873	27182	26532
206	9528	9496	9809	9485	9614
207	7839	7935	8102	7932	7945
208	19569	19762	20180	19851	20204

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	31189.88	9.00	8.90 - 9.10	
24	178220.66	24.00	23.90 - 24.10	
25	22988.50	25.00	24.90 - 25.10	
26	26086.57	26.00	25.90 - 26.10	
59	39059.79	59.00	58.90 - 59.10	
113	19016.26	113.00	112.90 - 113.10	
115	56141.70	115.00	114.90 - 115.10	
206	19383.76	206.00	205.90 - 206.10	
207	16013.64	207.00	206.90 - 207.10	
208	39645.90	208.00	207.90 - 208.10	
220	0.95	220.00	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.764	0.900	
24	0.57	0.772	0.900	
25	0.60	0.740	0.900	
26	0.59	0.777	0.900	
59	0.55	0.691	0.900	
113	0.51	0.688	0.900	
115	0.52	0.686	0.900	
206	0.51	0.766	0.900	
207	0.52	0.744	0.900	
208	0.52	0.769	0.900	
220	0.56			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 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	1.40 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	8.6 V	Deflect	15.8 V
Extract 2	-150.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	123	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.3 mm
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EM

Discriminator	4.0 mV	Analog HV	2292 V	Pulse HV	1648 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4243	42433.36			0.536	
89		14948	149478.53			1.097	
205		22146	221457.54			1.514	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4273	4262	4222	4227	4233
89	15230	14824	14899	14940	14846
205	22675	22108	22198	21779	21969

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 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	8.6 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-150.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 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	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.3 mm
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EM

Discriminator	4.0 mV	Analog HV	2292 V	Pulse HV	1648 V
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