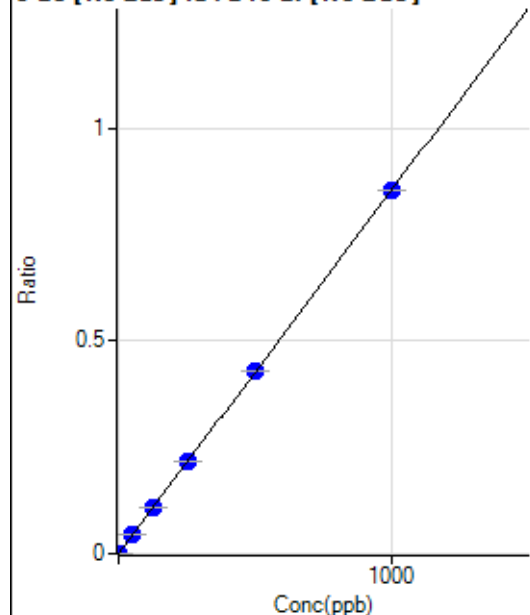


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7101621 MS.b\
Analysis File: P7101621 MS.batch.bin
DA Date-Time: 2021-11-03 16:33:35
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-10-16 12:56:20
2	006CALS.d	S02	2021-10-16 13:02:40
3	007CALS.d	S03	2021-10-16 13:05:50
4	008CALS.d	S04	2021-10-16 13:09:00
5	009CALS.d	S05	2021-10-16 13:12:08
6	010CALS.d	S06	2021-10-16 13:15:13
7	011CALS.d	S07	2021-10-16 13:18:14
8	012CALS.d	S08	2021-10-16 13:21:14

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0000	P	25.3
2	☐	1.000	1.041	2111.28	0.0009	P	3.4
3	☐	50.000	51.992	101806.34	0.0444	P	0.9
4	☐	125.000	126.906	242375.07	0.1083	P	0.3
5	☐	250.000	252.258	456008.09	0.2153	P	0.5
6	☐	500.000	501.854	869969.44	0.4284	P	0.6
7	☐	1000.000	998.171	1720566.57	0.8520	P	0.1
8	☐			555.57	0.0003	P	10.5

$$y = 8.5355E-004 * x + 1.7747E-005$$

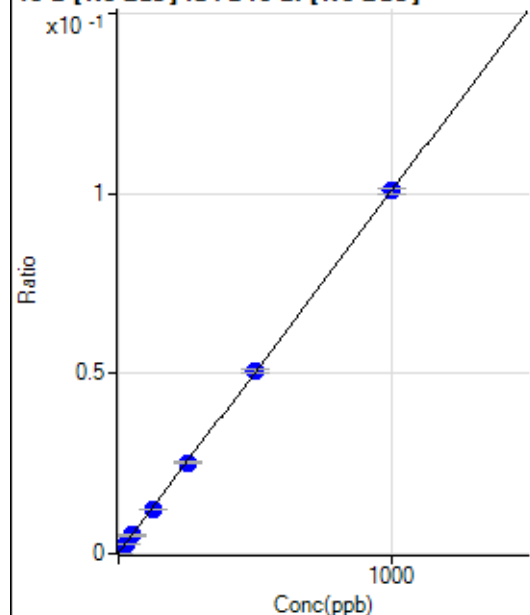
$$R = 1.0000$$

$$DL = 0.01577$$

$$BEC = 0.02079$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	433.58	0.0002	P	16.9
2	☐	25.000	22.493	5707.25	0.0024	P	2.3
3	☐	50.000	49.613	11869.94	0.0052	P	4.2
4	☐	125.000	120.480	27517.25	0.0123	P	3.9
5	☐	250.000	248.697	53349.25	0.0252	P	2.7
6	☐	500.000	501.685	102828.74	0.0506	P	2.0
7	☐	1000.000	1000.130	203484.17	0.1008	P	1.8
8	☐			5370.83	0.0027	P	14.3

$$y = 1.0056E-004 * x + 1.8709E-004$$

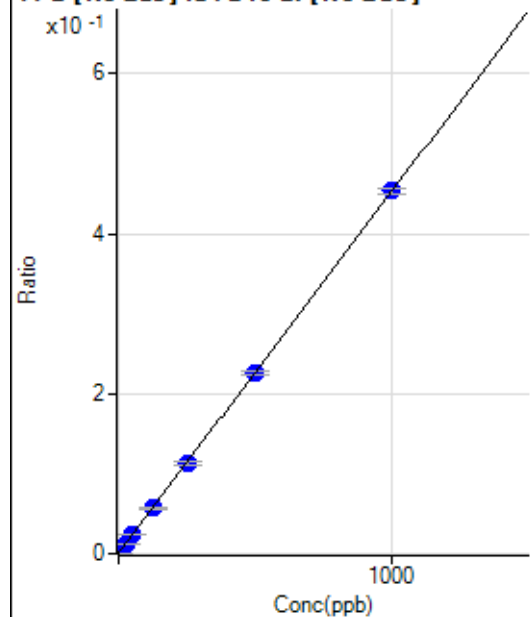
$$R = 1.0000$$

$$DL = 0.9419$$

$$BEC = 1.86$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2077.97	0.0009	P	3.4
2	☐	25.000	23.832	27161.03	0.0117	P	2.8
3	☐	50.000	50.632	54470.58	0.0238	P	2.3
4	☐	125.000	123.526	126737.13	0.0567	P	3.2
5	☐	250.000	249.005	239899.97	0.1133	P	3.0
6	☐	500.000	496.427	456906.53	0.2250	P	2.2
7	☐	1000.000	1002.217	915498.11	0.4533	P	1.9
8	☐			26409.81	0.0131	P	10.6

$$y = 4.5145\text{E-}004 * x + 8.9617\text{E-}004$$

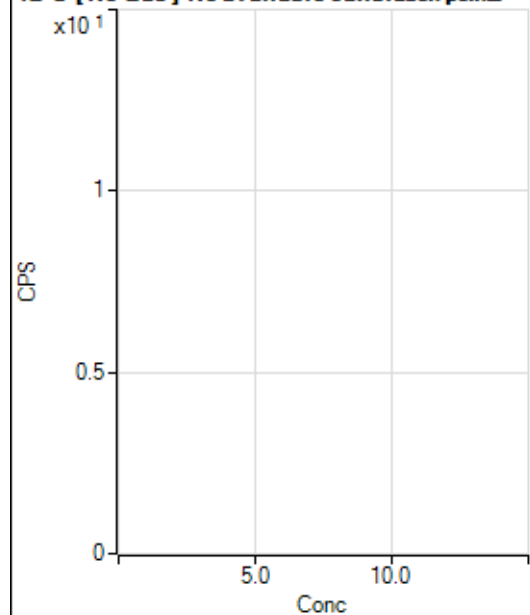
$$R = 1.0000$$

$$DL = 0.2019$$

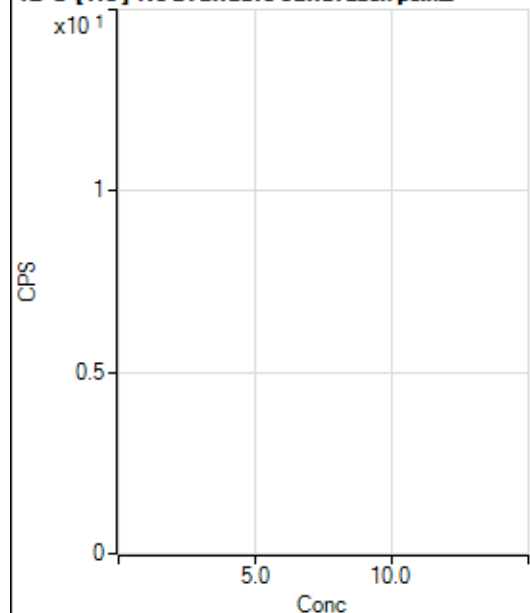
$$BEC = 1.985$$

Weight: <None>

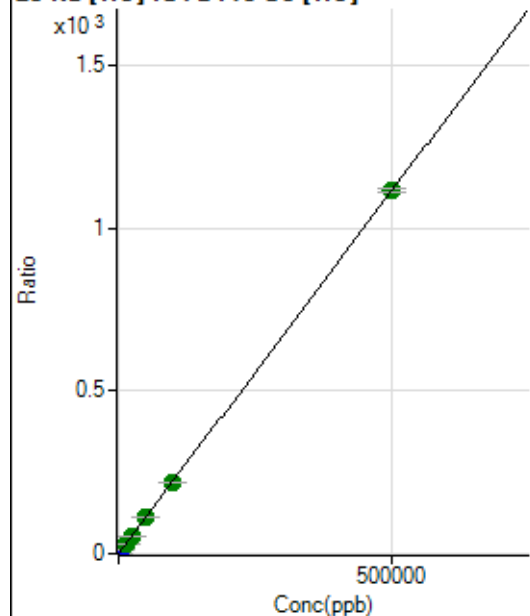
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12622.12	0.0421	P	0.8
2	☐	500.000	474.799	330206.57	1.1005	P	0.8
3	☐	5000.000	5022.322	3256895.47	11.2379	P	0.3
4	☐	12500.000	12411.936	7659069.96	27.7108	A	0.9
5	☐	25000.000	24788.858	14715586.90	55.3016	A	0.5
6	☐	50000.000	49908.726	28868975.18	111.2989	A	0.7
7	☐	100000.00	98766.980	58275148.99	220.2141	A	0.8
8	☐	500000.00	500268.29	304690010.5	1,115.243	A	0.9

$$y = 0.0022 * x + 0.0421$$

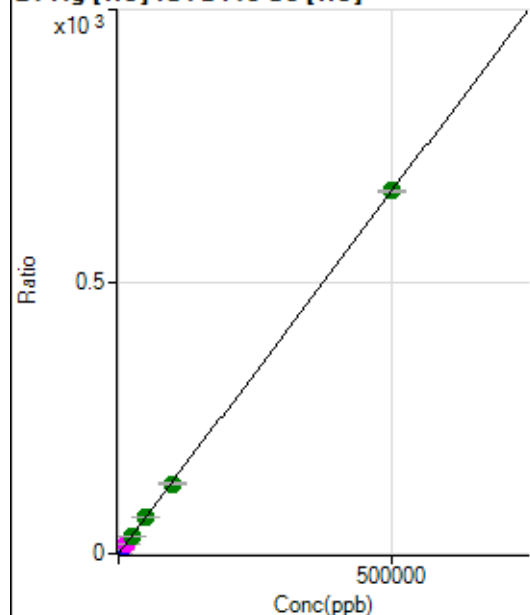
$$R = 1.0000$$

$$DL = 0.4396$$

$$BEC = 18.87$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.89	0.0008	P	22.9
2	☐	500.000	466.519	186916.07	0.6229	P	0.4
3	☐	5000.000	4999.049	1932291.71	6.6673	P	0.2
4	☐	12500.000	12455.540	4590929.56	16.6110	M	1.7
5	☐	25000.000	24814.493	8805752.68	33.0924	A	1.1
6	☐	50000.000	49415.932	17093035.80	65.9000	A	0.4
7	☐	100000.00	96691.453	34122312.57	128.9448	A	1.1
8	☐	500000.00	500730.54	182439433.7	667.7557	A	0.8

$$y = 0.0013 * x + 7.9709E-004$$

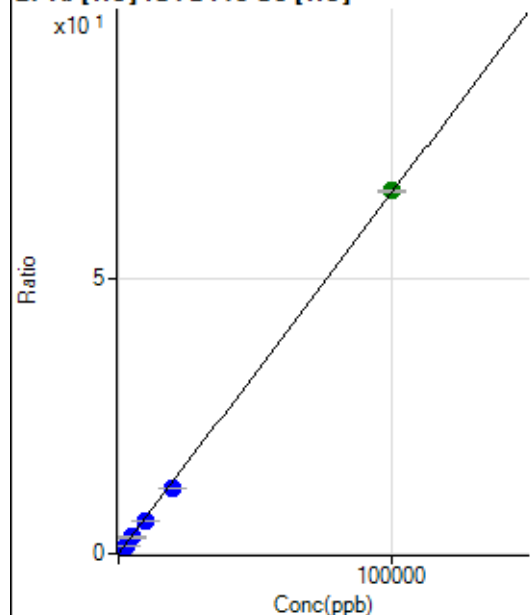
$$R = 1.0000$$

$$DL = 0.4099$$

$$BEC = 0.5977$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0005	P	34.7
2	☐	20.000	19.163	3924.64	0.0131	P	4.5
3	☐	1000.000	944.002	180058.41	0.6213	P	0.7
4	☐	2500.000	2307.660	419578.60	1.5181	P	1.1
5	☐	5000.000	4541.376	794828.83	2.9871	P	1.0
6	☐	10000.000	9112.572	1554517.03	5.9932	P	0.3
7	☐	20000.000	18000.360	3132734.27	11.8382	P	0.7
8	☐	100000.00	100516.97	18060627.72	66.1041	A	0.8

$$y = 6.5764E-004 * x + 4.8101E-004$$

$$R = 0.9998$$

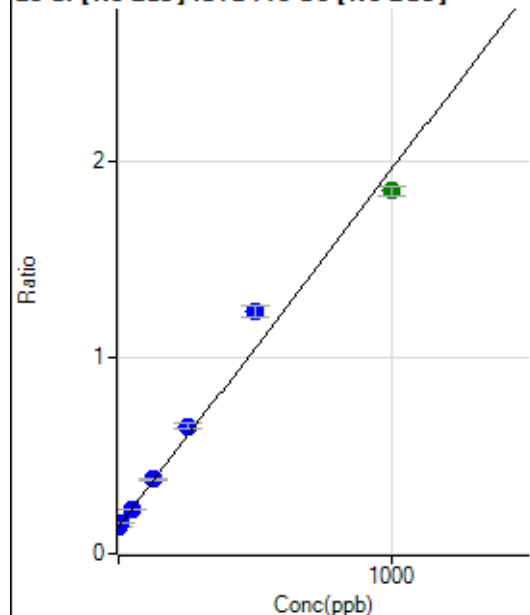
$$DL = 0.7613$$

$$BEC = 0.7314$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	464231.55	0.1390	P	0.7
2	☐	10.000	7.790	513930.64	0.1532	P	0.3
3	☐	50.000	49.848	755976.92	0.2297	P	0.4
4	☐	125.000	131.991	1213556.95	0.3793	P	3.7
5	☐	250.000	279.931	1962497.44	0.6487	P	4.7
6	☐	500.000	603.041	3584755.25	1.2369	P	5.2
7	☐	1000.000	940.152	5387463.01	1.8507	A	2.4
8	☐			610239.94	0.2044	P	1.4

$$y = 0.0018 * x + 0.1390$$

$$R = 0.9910$$

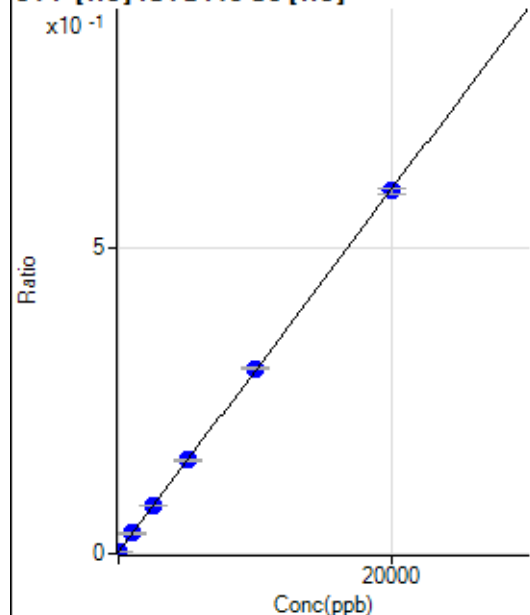
$$DL = 1.561$$

$$BEC = 76.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.487	827.82	0.0028	P	25.5
2	☐	0.000	-1.487	800.04	0.0027	P	11.6
3	☐	1000.000	1031.090	9653.42	0.0333	P	4.7
4	☐	2500.000	2588.111	21977.72	0.0795	P	1.0
5	☐	5000.000	5058.160	40666.75	0.1528	P	1.1
6	☐	10000.000	10113.053	78542.37	0.3028	P	1.1
7	☐	20000.000	19916.365	157118.28	0.5937	P	1.6
8	☐			836.15	0.0031	P	4.7

$$y = 2.9676E-005 * x + 0.0027$$

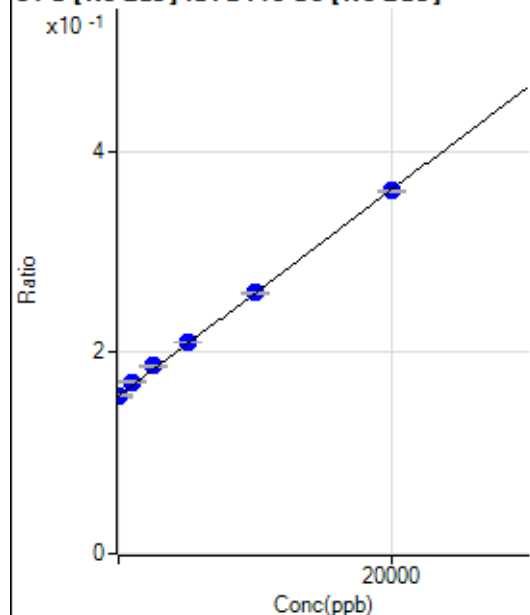
$$R = 1.0000$$

$$DL = 51.15$$

$$BEC = 91.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-57.802	522362.34	0.1564	P	1.3
2	☐	0.000	57.802	528728.99	0.1576	P	0.4
3	☐	1000.000	1363.729	562613.97	0.1710	P	1.4
4	☐	2500.000	2933.896	598749.91	0.1871	P	0.6
5	☐	5000.000	5224.883	637356.09	0.2106	P	0.6
6	☐	10000.000	10003.031	752587.56	0.2596	P	0.6
7	☐	20000.000	19869.840	1050500.08	0.3609	P	0.7
8	☐			431519.54	0.1445	P	0.6

$$y = 1.0262\text{E-}005 * x + 0.1570$$

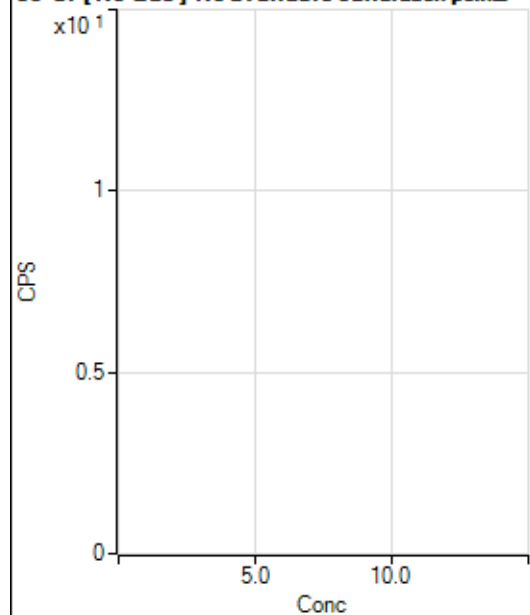
$$R = 0.9997$$

$$DL = 380$$

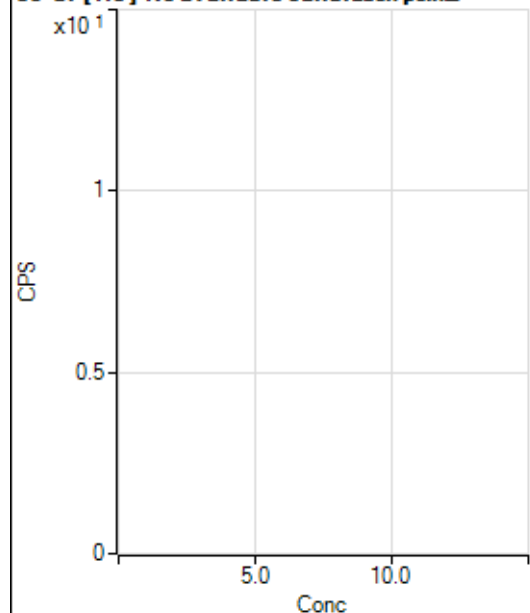
$$BEC = 1.53\text{E+}04$$

Weight: <None>

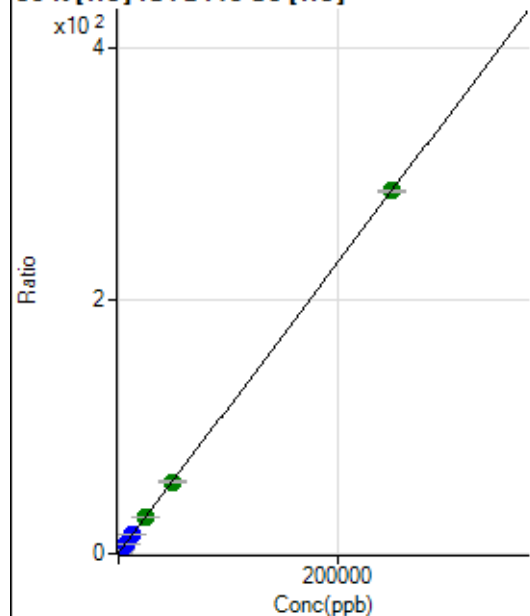
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75527.73	0.2517	P	1.6
2	☐	500.000	506.479	249452.29	0.8313	P	0.4
3	☐	2500.000	2715.938	973780.56	3.3600	P	0.4
4	☐	6250.000	6671.504	2179940.02	7.8870	P	0.6
5	☐	12500.000	13223.041	4093854.21	15.3850	P	0.7
6	☐	25000.000	24862.349	7445585.84	28.7057	A	0.4
7	☐	50000.000	49455.264	15044230.55	56.8514	A	1.7
8	☐	250000.00	250073.85	78266180.22	286.4517	A	0.4

$$y = 0.0011 * x + 0.2517$$

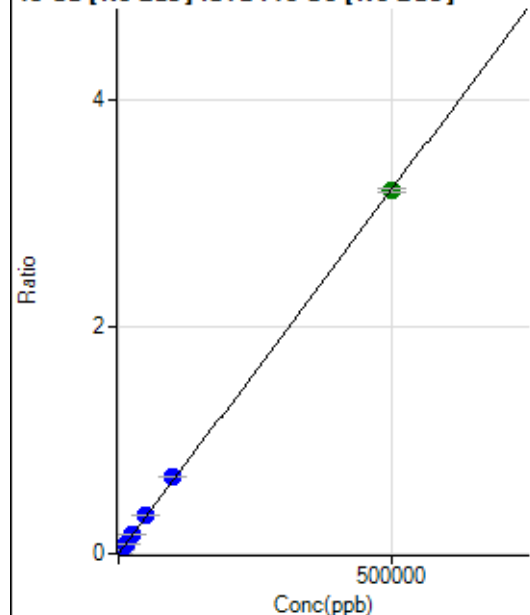
$$R = 1.0000$$

$$DL = 10.84$$

$$BEC = 219.9$$

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	☐	0.000	0.000	180.56	0.0001	P	25.1
2	☐	500.000	501.017	10962.67	0.0033	P	1.6
3	☐	5000.000	5387.467	113870.87	0.0346	P	0.5
4	☐	12500.000	13172.121	270507.52	0.0845	P	0.8
5	☐	25000.000	26381.599	512176.10	0.1692	P	0.7
6	☐	50000.000	52722.591	980255.02	0.3382	P	0.3
7	☐	100000.00	106781.04	1993602.60	0.6849	P	0.2
8	☐	500000.00	498281.77	9542215.15	3.1956	A	1.0

$$y = 6.4132\text{E-}006 * x + 5.4025\text{E-}005$$

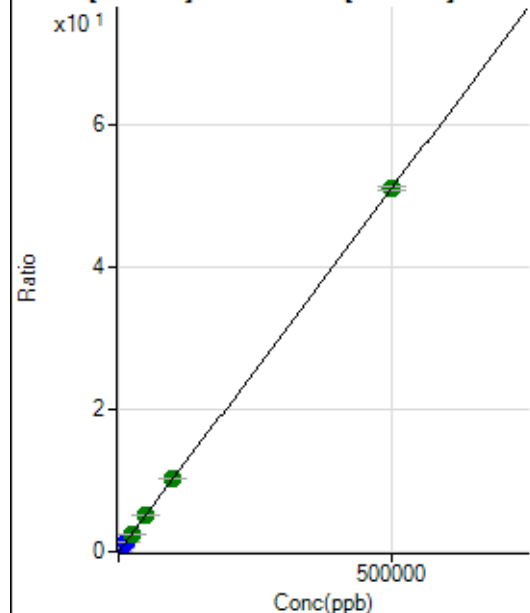
$$R = 0.9999$$

$$DL = 6.338$$

$$BEC = 8.424$$

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	☐	0.000	0.000	10392.81	0.0031	P	5.9
2	☐	500.000	508.637	184375.41	0.0549	P	1.1
3	☐	5000.000	5363.743	1808940.62	0.5497	P	0.2
4	☐	12500.000	13200.012	4315024.23	1.3483	P	0.3
5	☐	25000.000	24676.989	7620129.08	2.5179	A	0.4
6	☐	50000.000	49748.854	14704972.72	5.0730	A	0.1
7	☐	100000.00	100593.54	29850601.01	10.2545	A	0.8
8	☐	500000.00	499901.40	152129163.1	50.9476	A	1.1

$$y = 1.0191\text{E-}004 * x + 0.0031$$

$$R = 1.0000$$

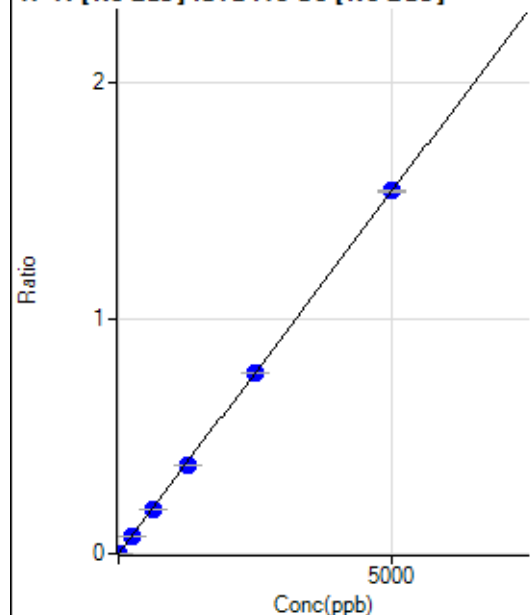
$$DL = 5.409$$

$$BEC = 30.54$$

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	☐	0.000	0.000	69.45	0.0000	P	39.2
2	☐	5.000	4.991	5223.29	0.0016	P	2.7
3	☐	250.000	251.338	254582.35	0.0774	P	0.5
4	☐	625.000	616.951	607677.43	0.1899	P	0.3
5	☐	1250.000	1230.282	1145846.30	0.3786	P	0.0
6	☐	2500.000	2492.200	2223173.90	0.7670	P	0.1
7	☐	5000.000	5009.769	4487818.46	1.5417	P	0.3
8	☐			1022.28	0.0003	P	3.4

$$y = 3.0773\text{E-}004 * x + 2.0818\text{E-}005$$

$$R = 1.0000$$

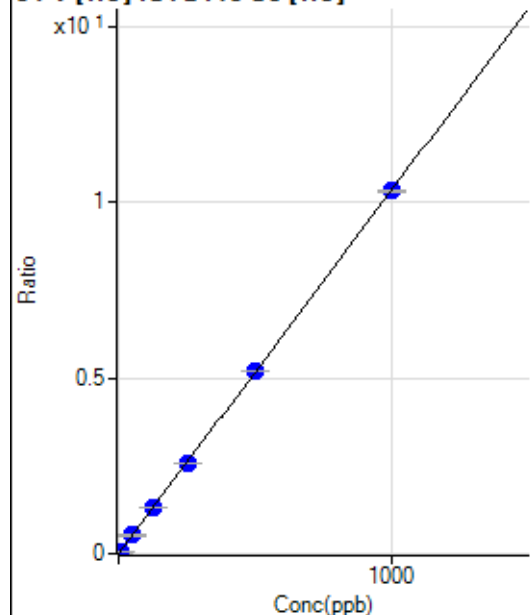
$$DL = 0.07946$$

$$BEC = 0.06765$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	49.5
2	☐	5.000	5.006	15539.39	0.0518	P	0.1
3	☐	50.000	50.360	150854.51	0.5205	P	0.9
4	☐	125.000	125.627	358874.66	1.2984	P	1.0
5	☐	250.000	249.254	685486.53	2.5761	P	0.5
6	☐	500.000	503.497	1349692.48	5.2037	P	0.4
7	☐	1000.000	998.341	2730414.23	10.3179	P	0.9
8	☐			726.69	0.0027	P	7.9

$$y = 0.0103 * x + 4.4414\text{E-}005$$

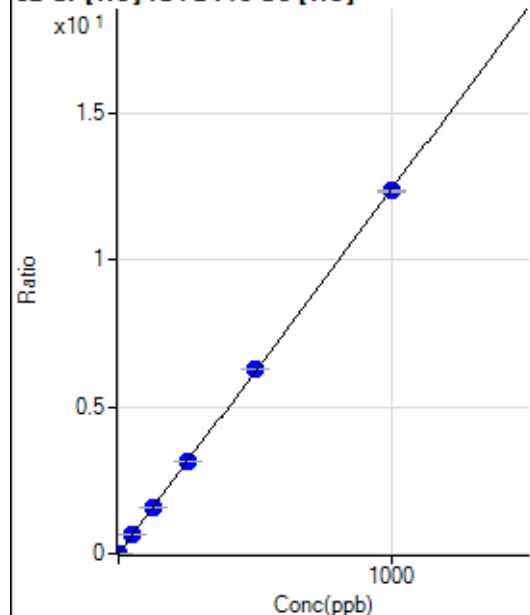
$$R = 1.0000$$

$$DL = 0.006386$$

$$BEC = 0.004297$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1215.62	0.0041	P	2.2
2	☐	2.000	2.044	8813.83	0.0294	P	1.4
3	☐	50.000	51.541	186210.66	0.6425	P	0.6
4	☐	125.000	127.476	437580.47	1.5831	P	0.3
5	☐	250.000	252.150	832234.09	3.1275	P	0.4
6	☐	500.000	505.762	1626045.79	6.2691	P	0.4
7	☐	1000.000	996.195	3266683.18	12.3443	P	0.5
8	☐			9287.44	0.0340	P	1.8

$$y = 0.0124 * x + 0.0041$$

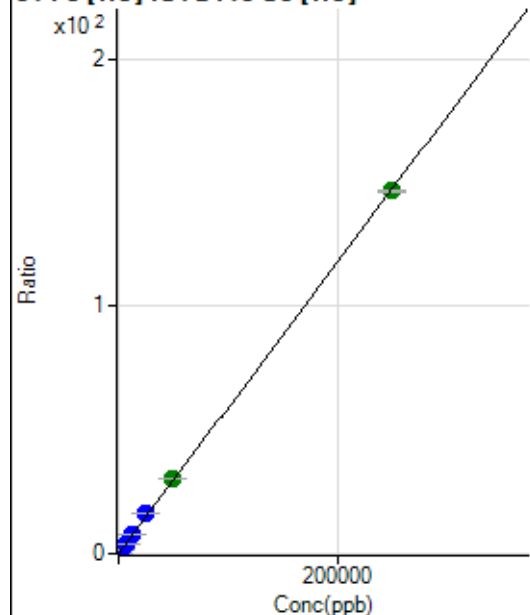
$$R = 1.0000$$

$$DL = 0.02127$$

$$BEC = 0.3271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1394.84	0.0047	P	6.1
2	☐	50.000	54.701	11058.83	0.0369	P	3.0
3	☐	2500.000	2760.678	472410.45	1.6300	P	0.7
4	☐	6250.000	6839.590	1114307.85	4.0316	P	0.7
5	☐	12500.000	13568.612	2126920.05	7.9934	P	1.5
6	☐	25000.000	27227.516	4159167.04	16.0353	P	0.2
7	☐	50000.000	51877.132	8083972.23	30.5482	A	0.8
8	☐	250000.00	249331.04	40108212.22	146.8023	A	0.8

$$y = 5.8877E-004 * x + 0.0047$$

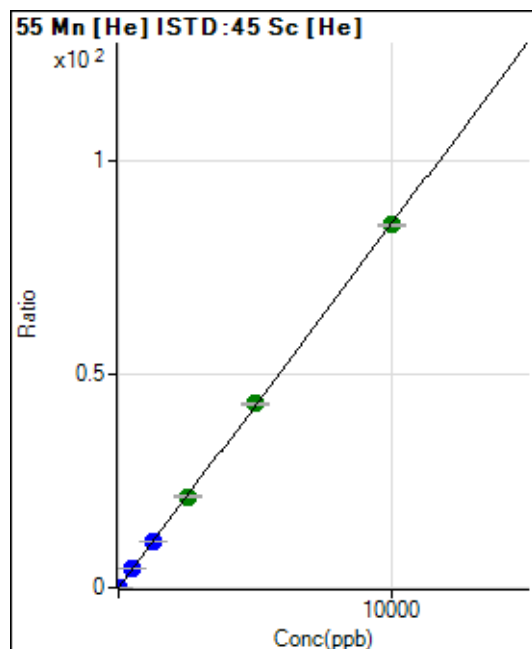
$$R = 0.9999$$

$$DL = 1.434$$

$$BEC = 7.899$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	251.12	0.0008	P	7.9
2	☐	1.000	0.998	2803.63	0.0093	P	4.2
3	☐	500.000	506.424	1251569.50	4.3185	P	0.6
4	☐	1250.000	1262.444	2975159.85	10.7641	P	0.6
5	☐	2500.000	2503.602	5680004.43	21.3459	A	0.8
6	☐	5000.000	5057.885	11184814.97	43.1230	A	1.1
7	☐	10000.000	9968.281	22490995.77	84.9878	A	0.4
8	☐			35267.75	0.1291	P	0.9

$$y = 0.0085 * x + 8.3734E-004$$

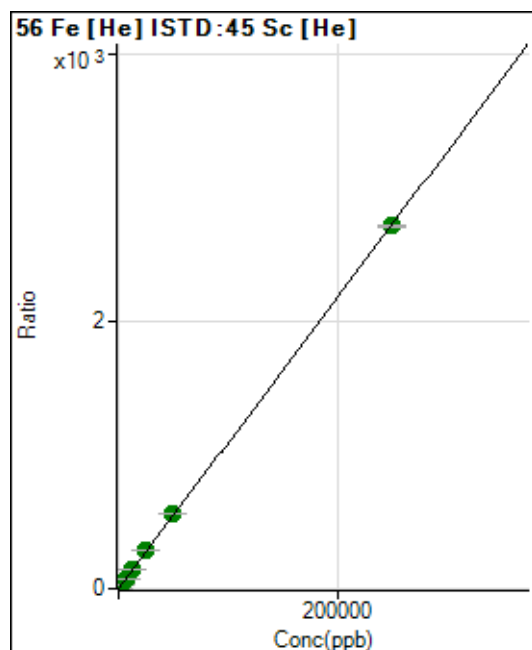
$$R = 1.0000$$

$$DL = 0.02328$$

$$BEC = 0.09821$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7435.31	0.0248	P	5.3
2	☐	50.000	52.128	177862.45	0.5928	P	2.3
3	☐	2500.000	2622.789	8290521.13	28.6060	A	0.7
4	☐	6250.000	6480.427	19525619.19	70.6438	A	0.7
5	☐	12500.000	12921.611	37473720.75	140.8351	A	1.9
6	☐	25000.000	26031.716	73582636.83	283.6996	A	0.8
7	☐	50000.000	51576.710	148743664.4	562.0704	A	0.4
8	☐	250000.00	249553.41	742994801.7	2.719477	A	0.7

$$y = 0.0109 * x + 0.0248$$

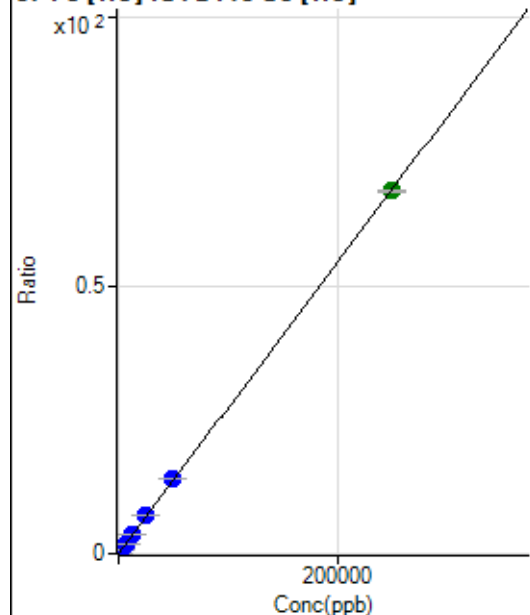
$$R = 1.0000$$

$$DL = 0.3587$$

$$BEC = 2.275$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	375.94	0.0013	P	14.2
2	☐	50.000	51.997	4608.21	0.0154	P	2.3
3	☐	2500.000	2648.117	208581.68	0.7197	P	0.6
4	☐	6250.000	6552.531	491706.12	1.7790	P	1.0
5	☐	12500.000	13010.634	939620.71	3.5312	P	0.7
6	☐	25000.000	26163.660	1841489.22	7.0997	P	0.2
7	☐	50000.000	51579.009	3703546.18	13.9951	P	0.5
8	☐	250000.00	249533.25	18496836.76	67.7019	A	0.7

$$y = 2.7131\text{E-}004 * x + 0.0013$$

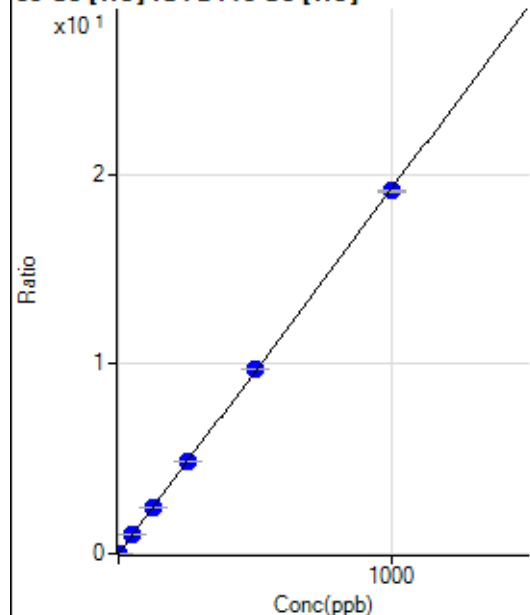
$$R = 1.0000$$

$$DL = 1.972$$

$$BEC = 4.616$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0002	P	17.8
2	☐	1.000	1.011	5890.12	0.0196	P	3.3
3	☐	50.000	51.919	289495.99	0.9989	P	0.2
4	☐	125.000	128.479	683140.93	2.4716	P	0.8
5	☐	250.000	253.570	1298000.62	4.8779	P	0.5
6	☐	500.000	507.702	2533197.58	9.7664	P	0.1
7	☐	1000.000	994.726	5063710.48	19.1350	P	0.7
8	☐			13545.20	0.0496	P	1.5

$$y = 0.0192 * x + 1.7751\text{E-}004$$

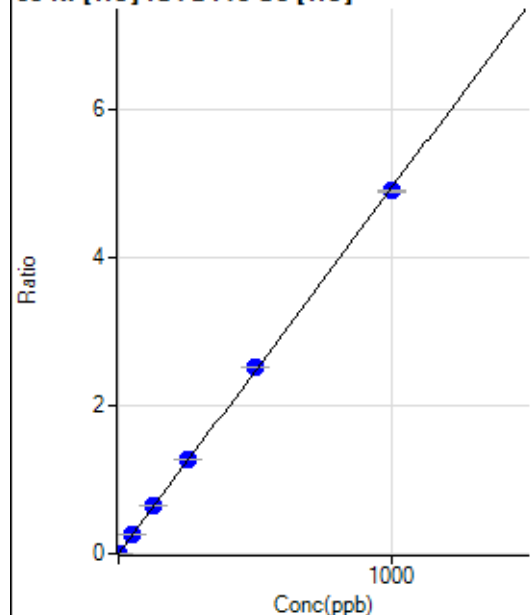
$$R = 0.9999$$

$$DL = 0.004917$$

$$BEC = 0.009228$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.89	0.0004	P	10.0
2	☐	1.000	1.079	1730.12	0.0058	P	2.1
3	☐	50.000	52.763	75766.36	0.2614	P	1.2
4	☐	125.000	130.775	178921.64	0.6473	P	0.9
5	☐	250.000	255.948	337016.85	1.2665	P	0.5
6	☐	500.000	510.202	654722.55	2.5242	P	0.2
7	☐	1000.000	992.552	1299406.23	4.9103	P	0.8
8	☐			4806.38	0.0176	P	4.7

$$y = 0.0049 * x + 4.2979E-004$$

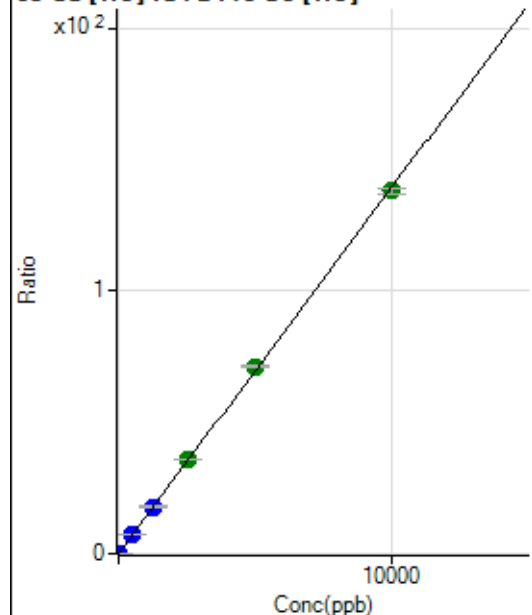
$$R = 0.9999$$

$$DL = 0.026$$

$$BEC = 0.08689$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	964.49	0.0032	P	8.0
2	☐	2.000	1.859	8734.91	0.0291	P	3.1
3	☐	500.000	519.768	2099096.64	7.2429	P	0.5
4	☐	1250.000	1284.688	4946706.80	17.8972	P	0.7
5	☐	2500.000	2576.939	9551949.86	35.8965	A	0.6
6	☐	5000.000	5121.279	18502510.42	71.3358	A	0.9
7	☐	10000.000	9914.801	36545630.29	138.1032	A	1.4
8	☐			13080.38	0.0479	P	3.2

$$y = 0.0139 * x + 0.0032$$

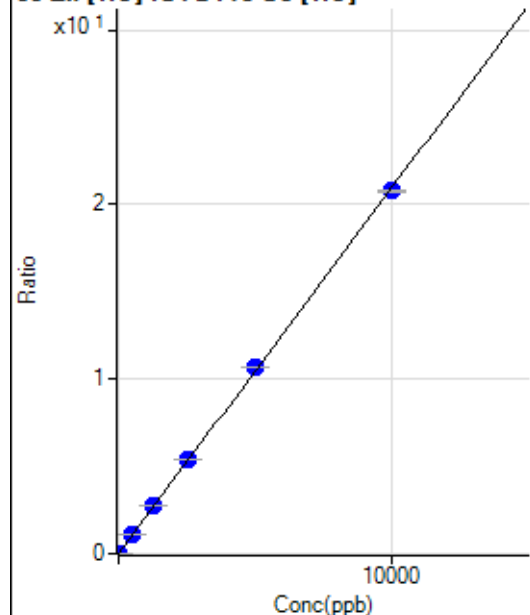
$$R = 0.9999$$

$$DL = 0.05518$$

$$BEC = 0.2307$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	722.25	0.0024	P	2.5
2	☐	2.000	2.499	2292.42	0.0076	P	4.0
3	☐	500.000	525.173	319452.73	1.1023	P	0.3
4	☐	1250.000	1295.923	750804.92	2.7164	P	0.7
5	☐	2500.000	2563.552	1429255.64	5.3712	P	0.5
6	☐	5000.000	5102.744	2772437.08	10.6889	P	0.3
7	☐	10000.000	9925.740	5501531.44	20.7896	P	0.8
8	☐			12244.08	0.0448	P	0.4

$$y = 0.0021 * x + 0.0024$$

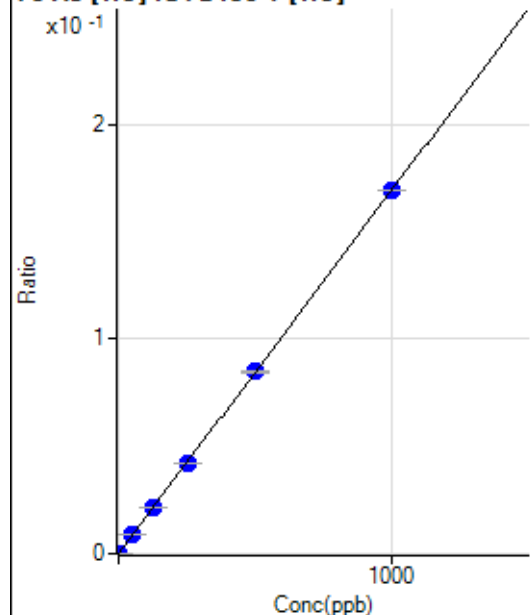
$$R = 0.9999$$

$$DL = 0.08703$$

$$BEC = 1.149$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	15.5
2	☐	1.000	1.039	408.65	0.0002	P	9.3
3	☐	50.000	51.065	19080.42	0.0086	P	1.2
4	☐	125.000	127.141	45758.52	0.0215	P	0.6
5	☐	250.000	249.957	87212.64	0.0423	P	0.1
6	☐	500.000	501.313	172354.82	0.0847	P	0.7
7	☐	1000.000	999.033	346510.89	0.1689	P	0.1
8	☐			182.10	0.0001	P	15.0

$$y = 1.6902E-004 * x + 4.8724E-006$$

$$R = 1.0000$$

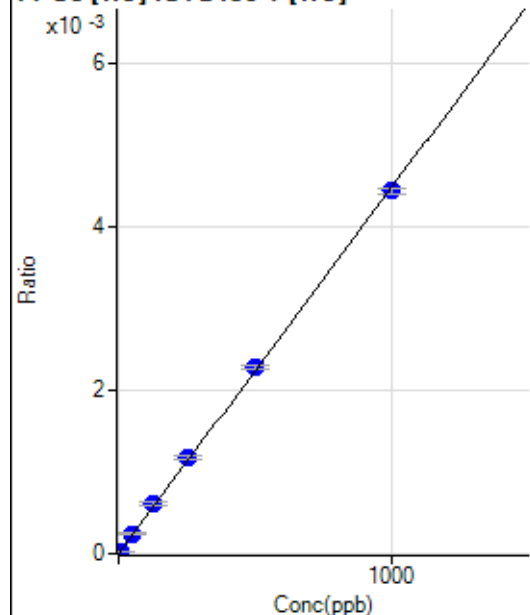
$$DL = 0.01338$$

$$BEC = 0.02883$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.827	48.89	0.0000	P	26.5
3	☐	50.000	54.822	542.24	0.0002	P	8.2
4	☐	125.000	136.163	1296.74	0.0006	P	10.6
5	☐	250.000	260.822	2409.12	0.0012	P	3.7
6	☐	500.000	509.312	4635.24	0.0023	P	1.4
7	☐	1000.000	991.003	9099.60	0.0044	P	1.6
8	☐			4.44	0.0000	P	115.

$$y = 4.4745\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

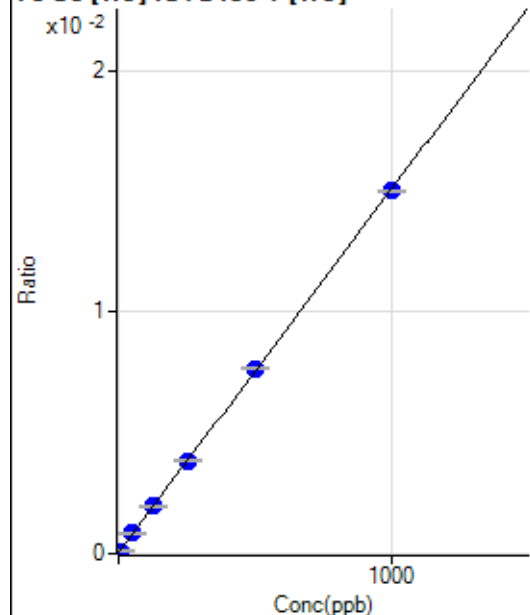
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.09	0.0000	P	6.0
2	☐	5.000	4.782	265.43	0.0001	P	6.3
3	☐	50.000	52.573	1847.66	0.0008	P	2.9
4	☐	125.000	127.098	4167.29	0.0020	P	2.0
5	☐	250.000	252.543	7935.53	0.0038	P	1.5
6	☐	500.000	507.407	15620.14	0.0077	P	0.5
7	☐	1000.000	995.271	30818.98	0.0150	P	0.8
8	☐			107.41	0.0001	P	16.3

$$y = 1.5045\text{E-}005 * x + 4.5240\text{E-}005$$

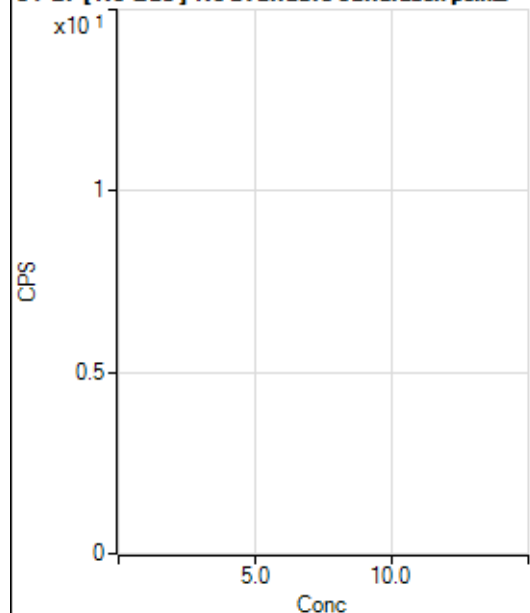
$$R = 1.0000$$

$$DL = 0.5415$$

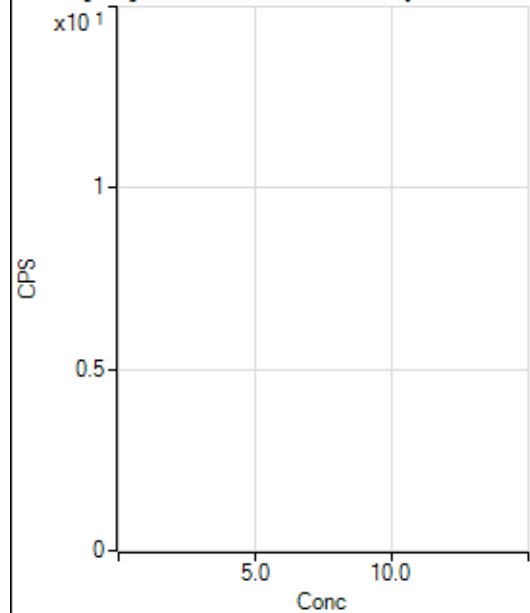
$$BEC = 3.007$$

Weight: <None>

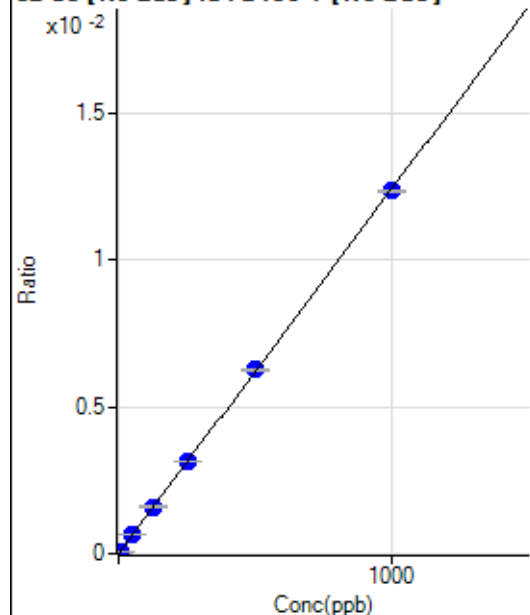
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6198.73		P	2.4
2	☐			6112.58		P	2.9
3	☐			6001.39		P	4.5
4	☐			5473.40		P	2.9
5	☐			5326.12		P	2.4
6	☐			5062.11		P	2.7
7	☐			5187.18		P	2.9
8	☐			5590.10		P	3.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.04		P	43.3
2	☐			50.05		P	20.0
3	☐			63.40		P	18.2
4	☐			70.07		P	49.5
5	☐			53.39		P	47.2
6	☐			50.05		P	87.2
7	☐			56.72		P	97.2
8	☐			63.40		P	50.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-25.48	0.0000	P	-44.
2	☐	5.000	5.596	551.35	0.0001	P	15.1
3	☐	50.000	52.724	5329.96	0.0007	P	2.2
4	☐	125.000	129.234	12826.08	0.0016	P	0.4
5	☐	250.000	253.988	24422.56	0.0031	P	0.5
6	☐	500.000	505.222	47288.09	0.0063	P	0.8
7	☐	1000.000	995.723	93841.65	0.0124	P	0.2
8	☐			87.65	0.0000	P	37.1

$$y = 1.2407E-005 * x - 3.1029E-006$$

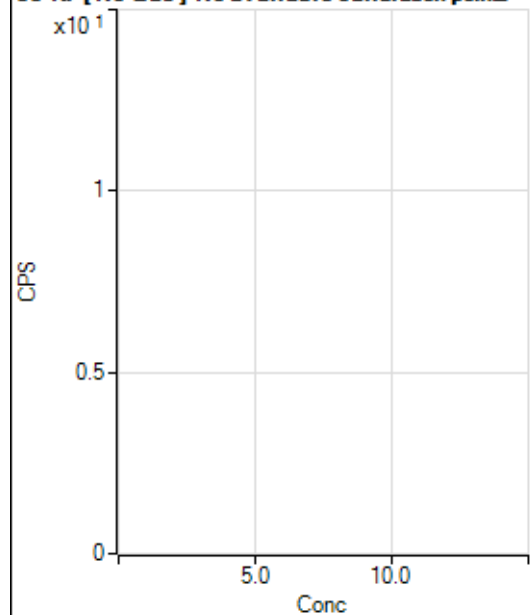
$$R = 1.0000$$

$$DL = 0.3347$$

$$BEC = -0.2501$$

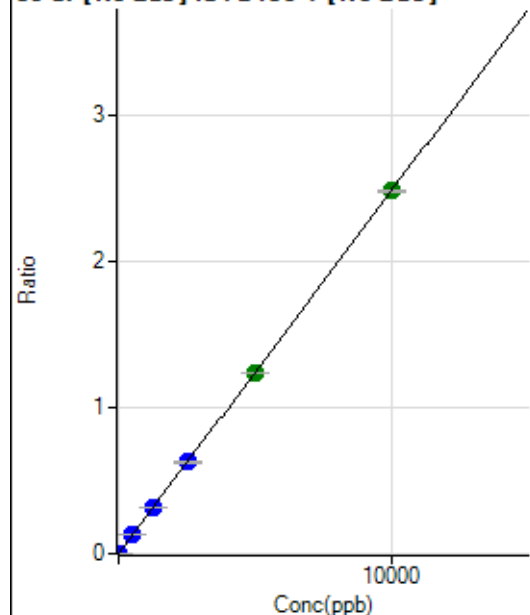
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			552.24		P	1.8
2	☐			521.13		P	10.7
3	☐			547.79		P	13.6
4	☐			516.68		P	2.6
5	☐			525.57		P	5.1
6	☐			514.46		P	23.1
7	☐			484.46		P	10.3
8	☐			477.79		P	4.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	888.94	0.0001	P	5.9
2	☐	1.000	1.147	3269.91	0.0004	P	8.5
3	☐	500.000	511.270	1042496.66	0.1273	P	1.3
4	☐	1250.000	1265.344	2524636.08	0.3150	P	0.5
5	☐	2500.000	2519.156	4863925.20	0.6270	P	1.3
6	☐	5000.000	4992.169	9377665.84	1.2424	A	0.5
7	☐	10000.000	9996.645	18902405.63	2.4878	A	0.5
8	☐			14449.27	0.0019	P	1.8

$$y = 2.4885E-004 * x + 1.0827E-004$$

$$R = 1.0000$$

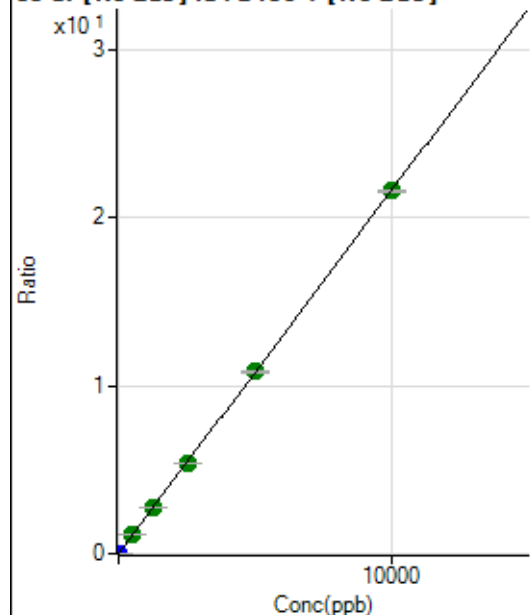
$$DL = 0.07706$$

$$BEC = 0.4351$$

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	☐	0.000	0.000	247.23	0.0000	P	5.2
2	☐	1.000	1.083	19708.39	0.0024	P	2.0
3	☐	500.000	512.956	9082576.16	1.1094	A	1.2
4	☐	1250.000	1256.539	21781067.15	2.7175	A	0.3
5	☐	2500.000	2493.794	41839705.80	5.3933	A	1.3
6	☐	5000.000	5021.859	81973703.92	10.8607	A	1.2
7	☐	10000.000	9989.157	164144074.5	21.6034	A	0.9
8	☐			122109.74	0.0159	P	0.9

$$y = 0.0022 * x + 3.0127E-005$$

$$R = 1.0000$$

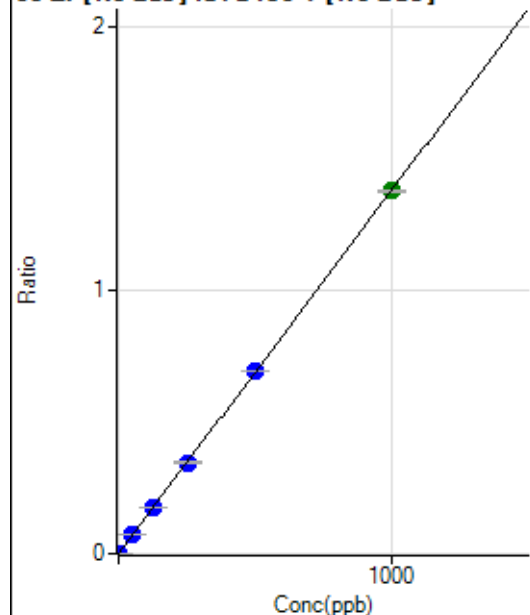
$$DL = 0.00217$$

$$BEC = 0.01393$$

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	☐	0.000	0.000	438.91	0.0001	P	10.0
2	☐	1.000	0.936	11140.72	0.0013	P	3.7
3	☐	50.000	50.953	574422.95	0.0702	P	1.0
4	☐	125.000	126.279	1393070.47	0.1738	P	0.6
5	☐	250.000	250.372	2672903.27	0.3446	P	1.1
6	☐	500.000	501.283	5206651.98	0.6898	P	0.3
7	☐	1000.000	999.058	10445369.33	1.3747	A	0.3
8	☐			5781.89	0.0008	P	5.4

$$y = 0.0014 * x + 5.3522E-005$$

$$R = 1.0000$$

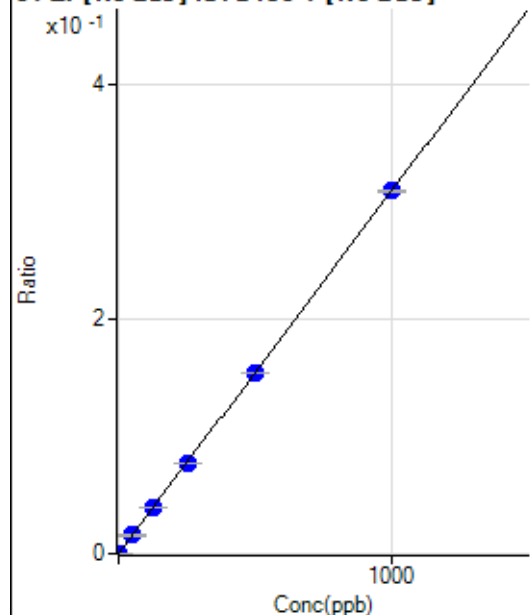
$$DL = 0.01164$$

$$BEC = 0.0389$$

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	☐	0.000	0.000	86.11	0.0000	P	12.0
2	☐	1.000	0.924	2464.17	0.0003	P	7.4
3	☐	50.000	50.680	128574.68	0.0157	P	1.7
4	☐	125.000	125.771	312268.70	0.0390	P	0.5
5	☐	250.000	249.345	599142.73	0.0772	P	0.6
6	☐	500.000	499.309	1167241.47	0.1546	P	0.4
7	☐	1000.000	1000.379	2354041.18	0.3098	P	0.2
8	☐			1397.33	0.0002	P	2.2

$$y = 3.0969E-004 * x + 1.0500E-005$$

$$R = 1.0000$$

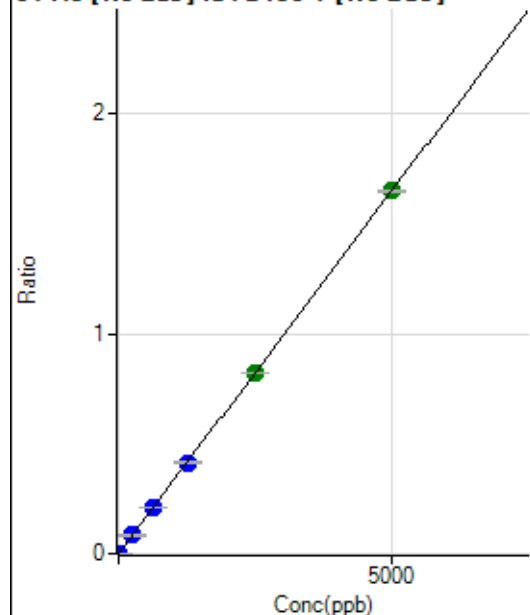
$$DL = 0.01219$$

$$BEC = 0.03391$$

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	☐	0.000	0.000	133.34	0.0000	P	15.5
2	☐	5.000	4.976	13770.80	0.0017	P	3.4
3	☐	250.000	253.563	684788.18	0.0836	P	1.5
4	☐	625.000	628.953	1662822.85	0.2075	P	0.3
5	☐	1250.000	1251.602	3202369.34	0.4128	P	1.4
6	☐	2500.000	2486.574	6190600.49	0.8201	A	0.3
7	☐	5000.000	5005.640	12544542.90	1.6510	A	0.8
8	☐			4825.93	0.0006	P	4.2

$$y = 3.2982E-004 * x + 1.6227E-005$$

$$R = 1.0000$$

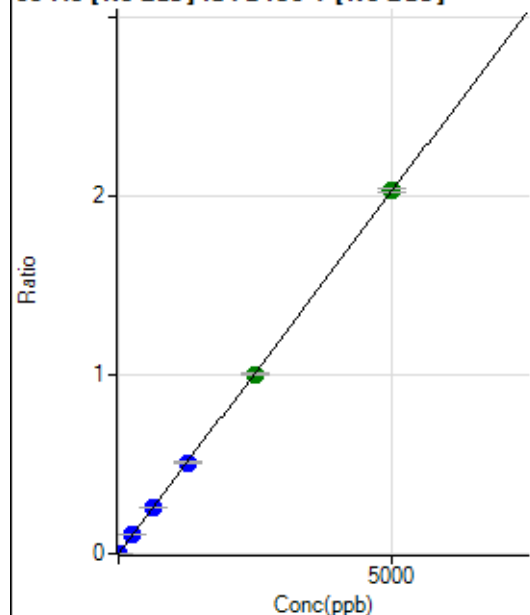
$$DL = 0.02282$$

$$BEC = 0.0492$$

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	☐	0.000	0.000	19.45	0.0000	P	23.8
2	☐	5.000	5.007	16865.86	0.0020	P	1.3
3	☐	250.000	254.768	844742.89	0.1032	P	1.4
4	☐	625.000	628.612	2040603.97	0.2546	P	0.5
5	☐	1250.000	1252.614	3935278.95	0.5073	P	1.6
6	☐	2500.000	2478.405	7576320.66	1.0038	A	0.7
7	☐	5000.000	5009.454	15415394.27	2.0289	A	1.0
8	☐			5195.51	0.0007	P	4.7

$$y = 4.0501E-004 * x + 2.3665E-006$$

$$R = 1.0000$$

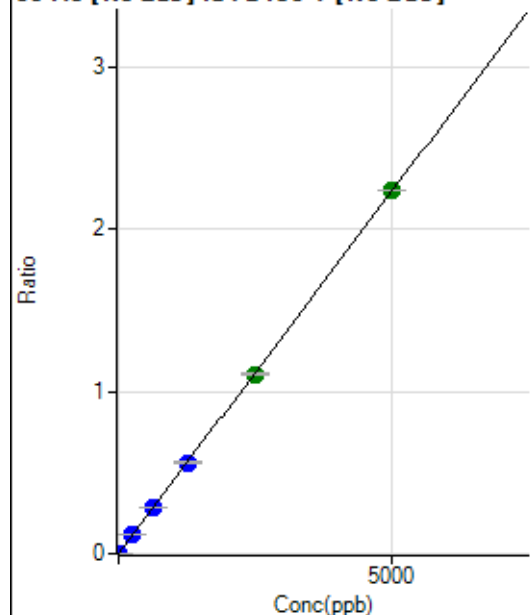
$$DL = 0.004176$$

$$BEC = 0.005843$$

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	☐	0.000	0.000	72.22	0.0000	P	23.9
2	☐	5.000	5.038	18737.70	0.0023	P	4.0
3	☐	250.000	254.417	929039.33	0.1135	P	1.6
4	☐	625.000	630.352	2253506.82	0.2812	P	0.5
5	☐	1250.000	1254.334	4339879.83	0.5595	P	1.4
6	☐	2500.000	2474.490	8330348.71	1.1037	A	1.0
7	☐	5000.000	5010.781	16981306.11	2.2349	A	0.2
8	☐			6676.73	0.0009	P	1.8

$$y = 4.4602\text{E-}004 * x + 8.8006\text{E-}006$$

$$R = 1.0000$$

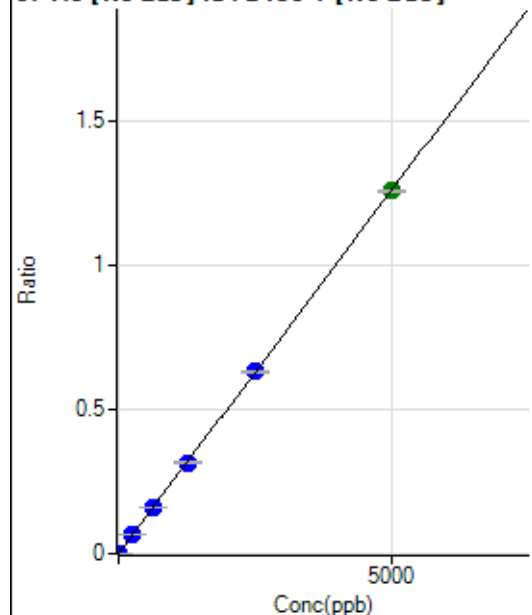
$$DL = 0.01415$$

$$BEC = 0.01973$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	5.000	5.039	10534.72	0.0013	P	0.6
3	☐	250.000	256.505	528226.40	0.0645	P	1.2
4	☐	625.000	631.888	1273964.88	0.1589	P	0.5
5	☐	1250.000	1255.718	2450279.72	0.3159	P	1.1
6	☐	2500.000	2507.552	4760739.38	0.6307	P	0.9
7	☐	5000.000	4993.608	9543866.71	1.2561	A	0.5
8	☐			3050.42	0.0004	P	11.7

$$y = 2.5154\text{E-}004 * x + 6.7462\text{E-}007$$

$$R = 1.0000$$

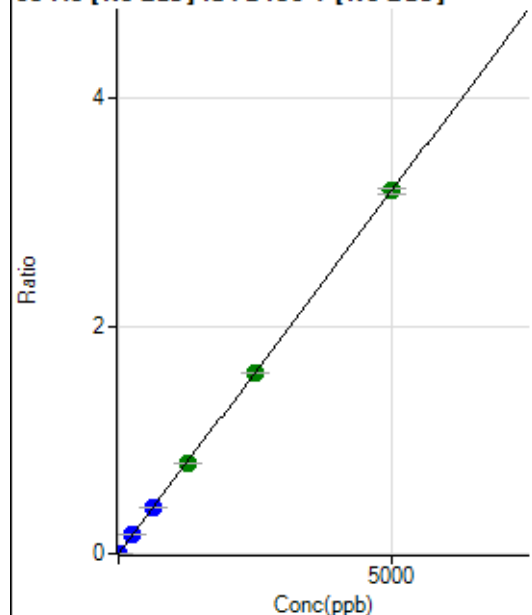
$$DL = 0.01394$$

$$BEC = 0.002682$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	45.9
2	☐	5.000	4.989	26494.62	0.0032	P	1.8
3	☐	250.000	256.719	1340056.10	0.1637	P	1.6
4	☐	625.000	636.346	3252030.63	0.4057	P	0.3
5	☐	1250.000	1247.597	6171563.46	0.7955	A	0.1
6	☐	2500.000	2495.260	12008568.93	1.5910	A	0.6
7	☐	5000.000	5001.216	24227931.45	3.1887	A	1.4
8	☐			7477.13	0.0010	P	1.9

$$y = 6.3759\text{E-}004 * x + 8.1492\text{E-}006$$

$$R = 1.0000$$

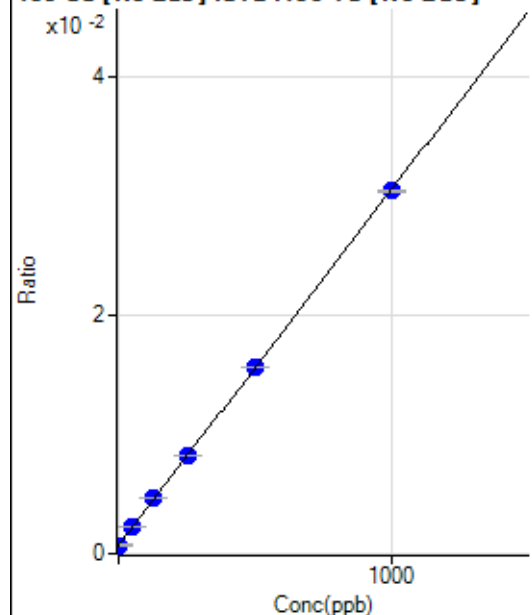
$$DL = 0.0176$$

$$BEC = 0.01278$$

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	☐	0.000	0.000	4150.73	0.0007	P	4.5
2	☐	1.000	1.169	4364.70	0.0007	P	2.5
3	☐	50.000	54.641	13932.12	0.0023	P	0.6
4	☐	125.000	134.524	28203.56	0.0047	P	1.1
5	☐	250.000	253.700	48661.56	0.0083	P	0.6
6	☐	500.000	502.507	90020.68	0.0157	P	0.2
7	☐	1000.000	996.399	175453.24	0.0305	P	0.7
8	☐			4231.32	0.0008	P	1.1

$$y = 2.9897\text{E-}005 * x + 6.8912\text{E-}004$$

$$R = 1.0000$$

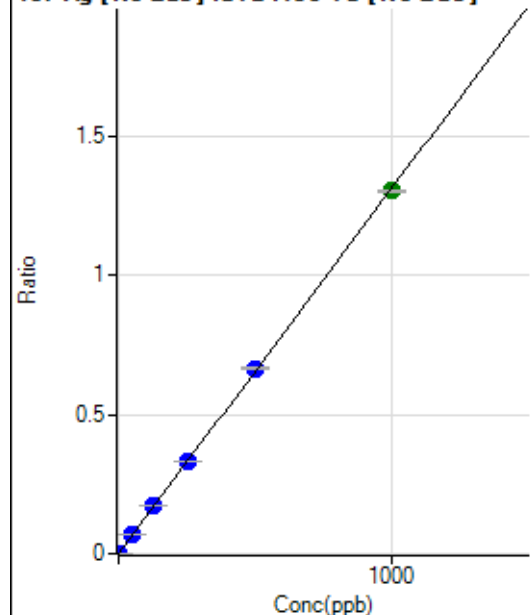
$$DL = 3.138$$

$$BEC = 23.05$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	41.8
2	☐	1.000	1.013	8060.81	0.0013	P	2.8
3	☐	50.000	54.358	427174.81	0.0712	P	0.8
4	☐	125.000	131.075	1028011.63	0.1717	P	0.4
5	☐	250.000	254.913	1963986.00	0.3339	P	0.3
6	☐	500.000	507.515	3809001.60	0.6648	P	0.8
7	☐	1000.000	994.037	7496273.69	1.3022	A	0.4
8	☐			3377.69	0.0006	P	51.2

$$y = 0.0013 * x + 1.0157E-005$$

$$R = 0.9999$$

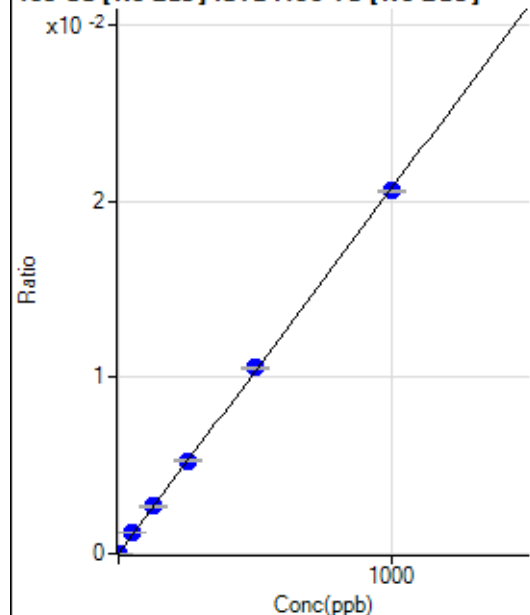
$$DL = 0.00973$$

$$BEC = 0.007754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	32.7
2	☐	1.000	1.088	180.56	0.0000	P	20.5
3	☐	50.000	55.481	6942.06	0.0012	P	1.6
4	☐	125.000	129.522	16116.17	0.0027	P	1.7
5	☐	250.000	255.099	31139.67	0.0053	P	1.3
6	☐	500.000	508.584	60436.15	0.0105	P	1.4
7	☐	1000.000	993.594	118597.21	0.0206	P	0.3
8	☐			125.00	0.0000	P	24.0

$$y = 2.0727E-005 * x + 7.3766E-006$$

$$R = 0.9999$$

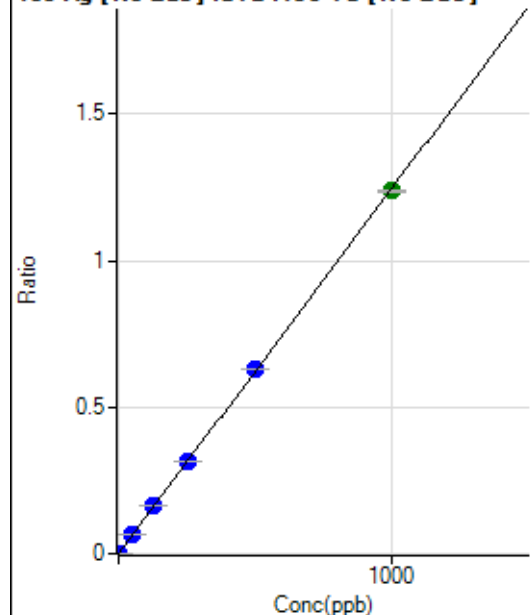
$$DL = 0.3487$$

$$BEC = 0.3559$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.3
2	☐	1.000	1.039	7810.70	0.0013	P	4.1
3	☐	50.000	53.980	403035.66	0.0672	P	0.5
4	☐	125.000	131.360	978902.12	0.1635	P	0.4
5	☐	250.000	255.077	1867336.20	0.3175	P	0.5
6	☐	500.000	506.093	3609149.95	0.6300	P	0.8
7	☐	1000.000	994.690	7127521.00	1.2381	A	0.4
8	☐			1994.64	0.0004	P	2.0

$$y = 0.0012 * x + 2.7699E-006$$

$$R = 0.9999$$

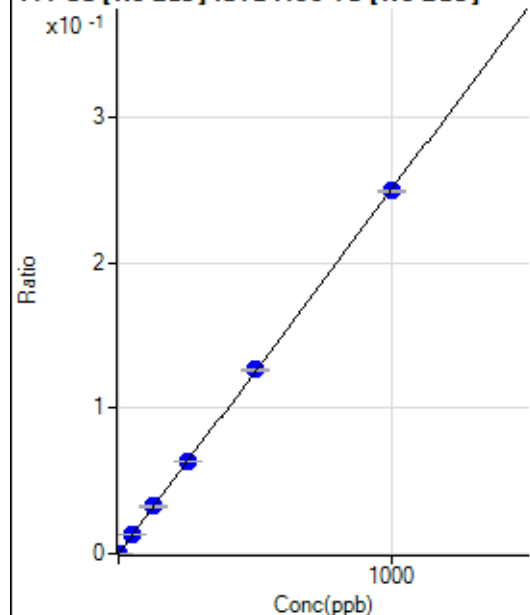
$$DL = 0.003361$$

$$BEC = 0.002225$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	396.46	0.0001	P	6.4
2	☐	1.000	0.998	1901.85	0.0003	P	5.3
3	☐	50.000	53.619	80790.05	0.0135	P	0.3
4	☐	125.000	129.645	194410.72	0.0325	P	1.1
5	☐	250.000	252.492	371593.45	0.0632	P	0.3
6	☐	500.000	504.786	723311.43	0.1263	P	0.4
7	☐	1000.000	996.222	1433958.60	0.2491	P	0.7
8	☐			837.03	0.0002	P	6.4

$$y = 2.4998E-004 * x + 6.5819E-005$$

$$R = 1.0000$$

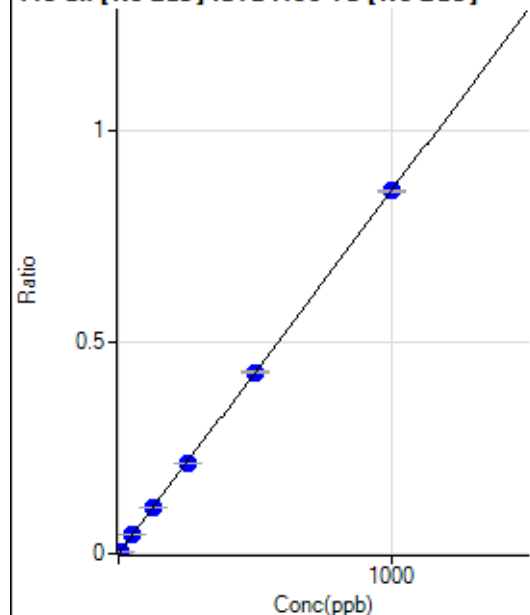
$$DL = 0.05032$$

$$BEC = 0.2633$$

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	☐	0.000	0.000	897.28	0.0001	P	4.6
2	☐	5.000	5.074	27101.51	0.0045	P	2.1
3	☐	50.000	52.321	269752.32	0.0450	P	0.4
4	☐	125.000	126.810	651272.04	0.1088	P	0.0
5	☐	250.000	248.971	1255267.85	0.2134	P	0.4
6	☐	500.000	500.161	2455734.00	0.4286	P	0.4
7	☐	1000.000	999.834	4931772.37	0.8567	P	0.3
8	☐			2789.23	0.0005	P	1.2

$$y = 8.5669\text{E-}004 * x + 1.4899\text{E-}004$$

$$R = 1.0000$$

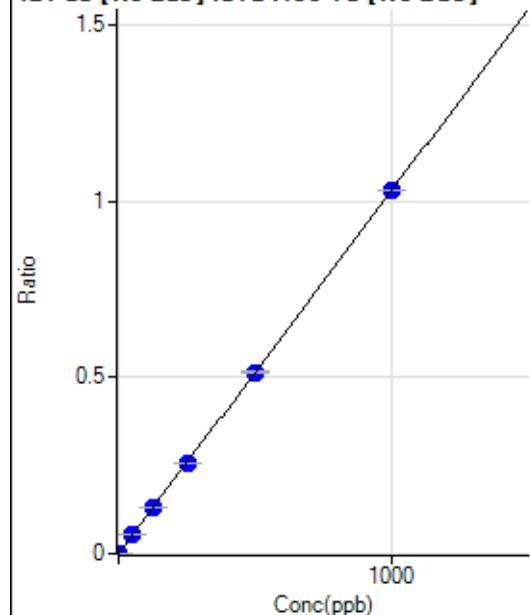
$$DL = 0.02383$$

$$BEC = 0.1739$$

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	☐	0.000	0.000	75.00	0.0000	P	33.0
2	☐	2.000	1.986	12419.68	0.0021	P	3.8
3	☐	50.000	51.469	318404.38	0.0531	P	0.3
4	☐	125.000	126.151	778817.49	0.1301	P	0.5
5	☐	250.000	249.090	1510618.50	0.2569	P	0.9
6	☐	500.000	500.555	2957152.43	0.5162	P	0.6
7	☐	1000.000	999.733	5934419.27	1.0309	P	0.1
8	☐			3695.04	0.0007	P	6.9

$$y = 0.0010 * x + 1.2447\text{E-}005$$

$$R = 1.0000$$

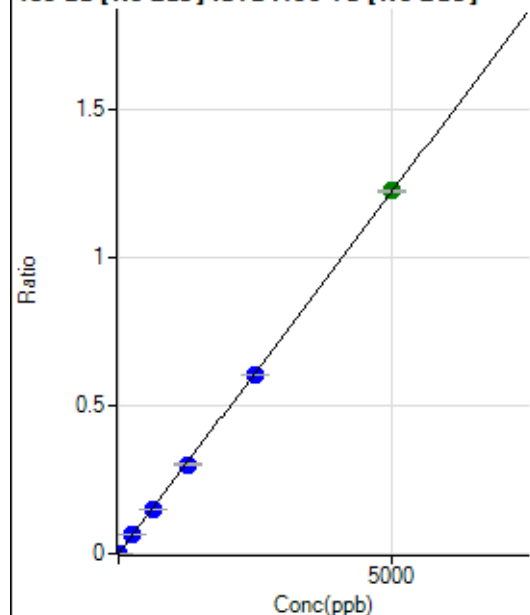
$$DL = 0.01196$$

$$BEC = 0.01207$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.3
2	☐	10.000	9.952	14702.54	0.0024	P	2.5
3	☐	250.000	253.511	371900.20	0.0620	P	0.3
4	☐	625.000	622.115	910869.10	0.1521	P	0.8
5	☐	1250.000	1235.773	1777374.74	0.3022	P	0.8
6	☐	2500.000	2472.375	3464095.86	0.6046	P	0.2
7	☐	5000.000	5017.555	7063873.77	1.2271	A	0.6
8	☐			2811.48	0.0005	P	2.5

$$y = 2.4456E-004 * x + 5.0672E-006$$

$$R = 1.0000$$

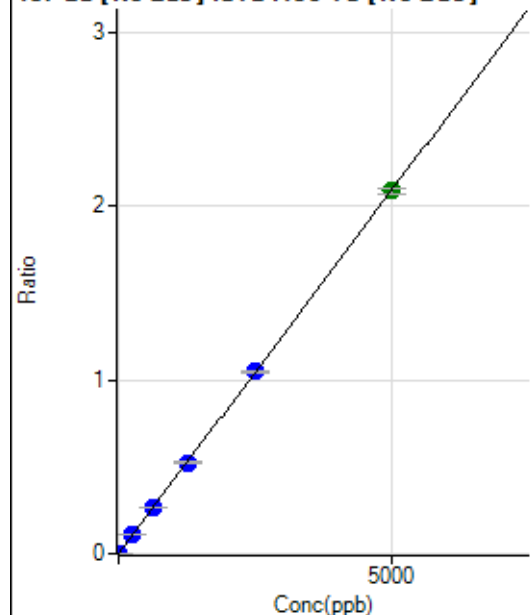
$$DL = 0.03501$$

$$BEC = 0.02072$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	22.0
2	☐	10.000	9.821	24783.59	0.0041	P	0.2
3	☐	250.000	256.498	642886.83	0.1072	P	0.8
4	☐	625.000	628.027	1571046.74	0.2624	P	0.8
5	☐	1250.000	1252.896	3078783.08	0.5235	P	1.1
6	☐	2500.000	2504.906	5996517.62	1.0467	P	0.4
7	☐	5000.000	4996.120	12017284.04	2.0876	A	1.3
8	☐			4973.26	0.0009	P	3.0

$$y = 4.1784E-004 * x + 7.3844E-006$$

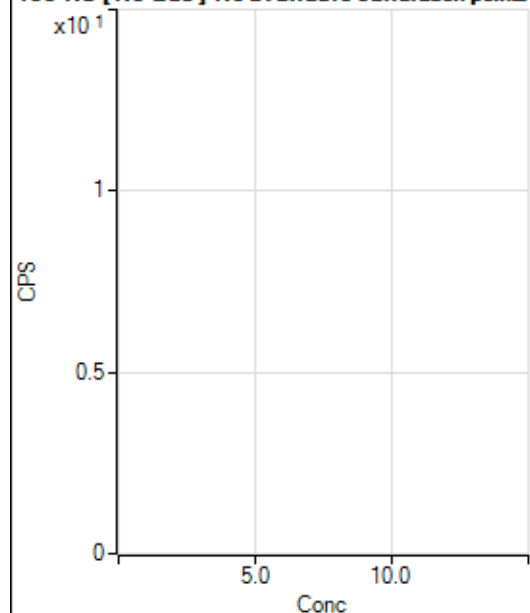
$$R = 1.0000$$

$$DL = 0.01167$$

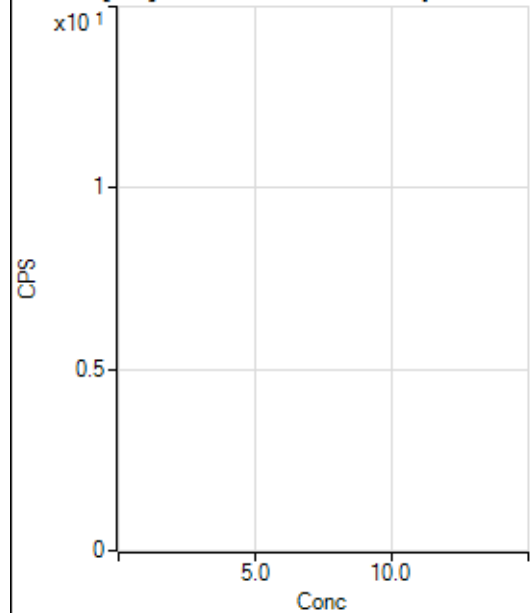
$$BEC = 0.01767$$

Weight: <None>

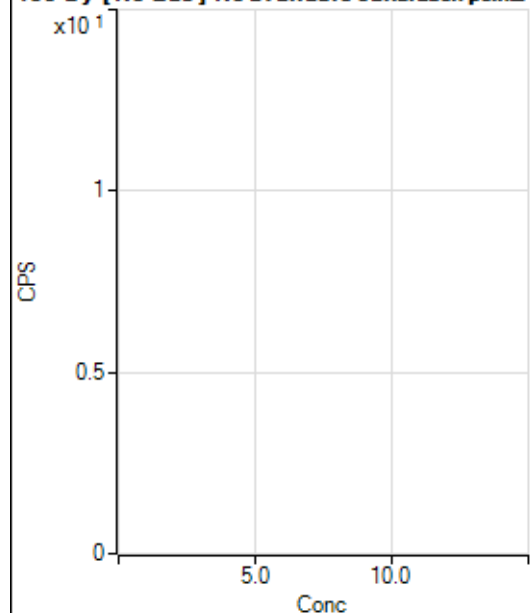
Min Conc: 0

150 Nd [No Gas] No available calibration points

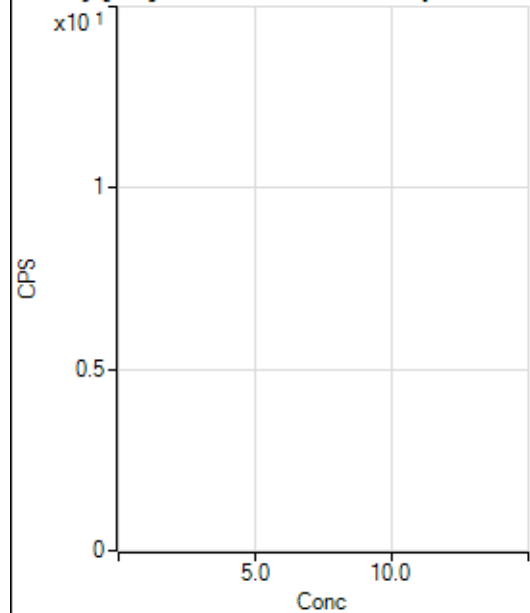
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			11.11		P	34.6
3	☐			53.34		P	33.1
4	☐			77.78		P	13.1
5	☐			140.01		P	40.7
6	☐			304.45		P	3.3
7	☐			564.47		P	4.1
8	☐			60.00		P	11.1

150 Nd [He] No available calibration points

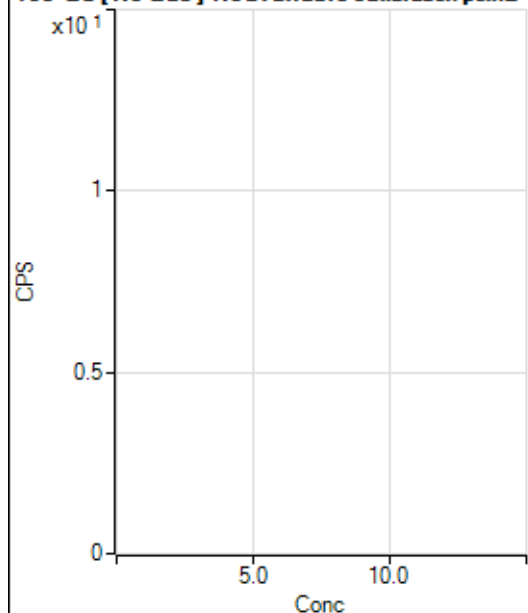
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			7.78		P	99.0
4	☐			18.89		P	27.0
5	☐			35.56		P	5.4
6	☐			64.45		P	45.2
7	☐			122.23		P	17.7
8	☐			44.44		P	18.9

156 Dy [No Gas] No available calibration points

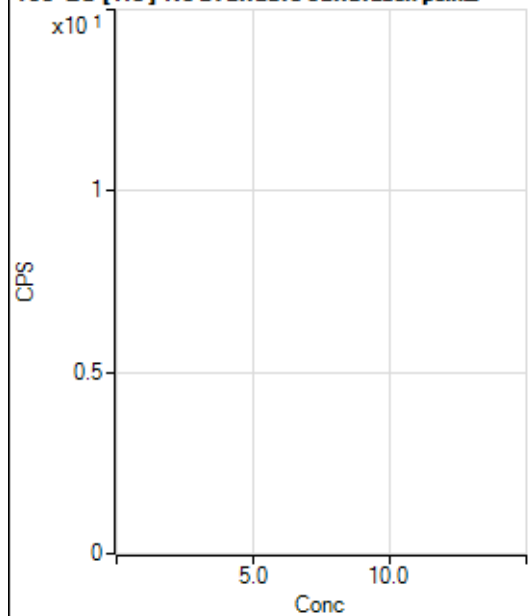
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			2.78		P	173.
3	☐			25.00		P	57.7
4	☐			52.78		P	50.8
5	☐			97.23		P	13.1
6	☐			205.56		P	28.8
7	☐			361.13		P	8.1
8	☐			1163.97		P	3.6

156 Dy [He] No available calibration points

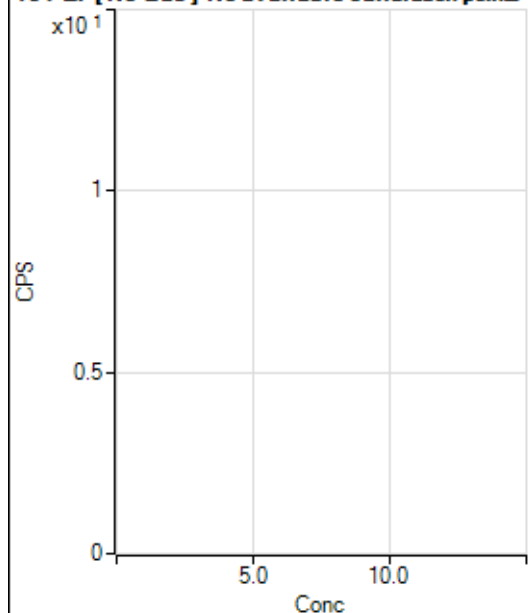
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			6.67		P	50.0
3	☐			15.55		P	44.6
4	☐			58.89		P	22.9
5	☐			90.00		P	45.1
6	☐			202.23		P	13.7
7	☐			372.23		P	8.5
8	☐			932.26		P	5.2

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

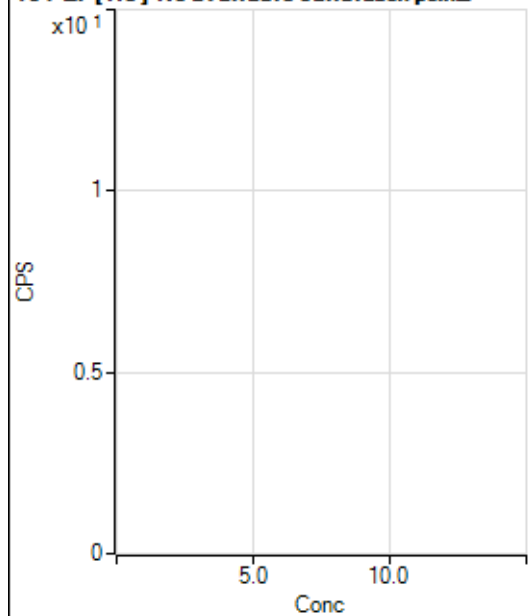
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	52.0
2	☐			88.89		P	28.6
3	☐			66.67		P	12.5
4	☐			116.67		P	28.6
5	☐			133.34		P	25.0
6	☐			180.56		P	9.6
7	☐			236.12		P	17.4
8	☐			1022.29		P	7.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			148.89		P	7.2
2	☐			172.22		P	9.7
3	☐			165.56		P	11.6
4	☐			200.00		P	1.7
5	☐			202.23		P	9.1
6	☐			240.00		P	1.4
7	☐			335.57		P	8.0
8	☐			1077.83		P	3.9

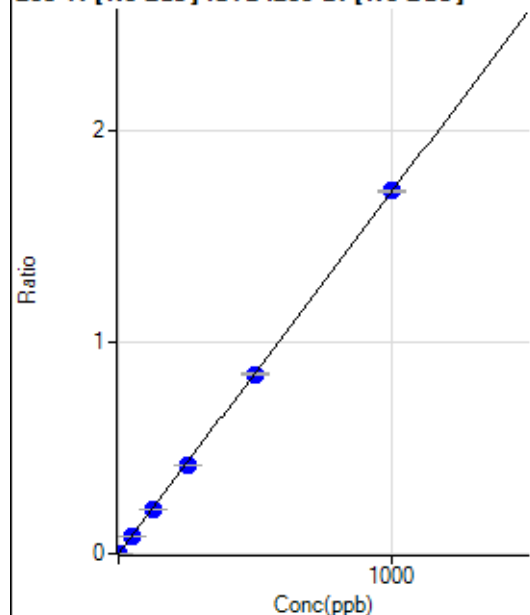
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐			38.89		P	44.6
3	☐			50.00		P	44.1
4	☐			63.89		P	49.4
5	☐			66.67		P	37.5
6	☐			50.00		P	16.7
7	☐			86.11		P	36.6
8	☐			183.34		P	12.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	36.7
2	☐			33.33		P	20.0
3	☐			33.34		P	45.8
4	☐			41.11		P	41.6
5	☐			37.78		P	28.4
6	☐			50.00		P	17.6
7	☐			57.78		P	6.7
8	☐			156.67		P	27.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	13.3
2	☐	1.000	0.945	5907.02	0.0017	P	3.0
3	☐	50.000	49.248	298049.18	0.0842	P	0.2
4	☐	125.000	121.822	739078.12	0.2082	P	0.9
5	☐	250.000	245.730	1465850.35	0.4199	P	0.2
6	☐	500.000	496.318	2884879.10	0.8480	P	0.7
7	☐	1000.000	1003.344	5746824.09	1.7143	P	0.6
8	☐			2814.28	0.0009	P	9.2

$$y = 0.0017 * x + 4.1218E-005$$

$$R = 1.0000$$

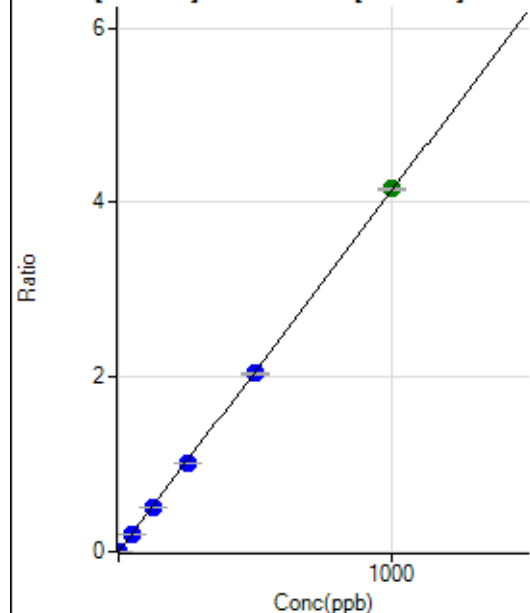
$$DL = 0.009626$$

$$BEC = 0.02412$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.79	0.0001	P	2.1
2	☐	1.000	0.960	14458.21	0.0041	P	2.2
3	☐	50.000	48.662	712263.95	0.2012	P	0.5
4	☐	125.000	120.512	1768392.27	0.4981	P	0.4
5	☐	250.000	244.352	3525557.11	1.0099	P	0.3
6	☐	500.000	493.215	6933902.06	2.0383	P	0.4
7	☐	1000.000	1005.432	13929322.36	4.1551	A	0.3
8	☐			7160.44	0.0024	P	12.7

$$y = 0.0041 * x + 8.4756E-005$$

$$R = 0.9999$$

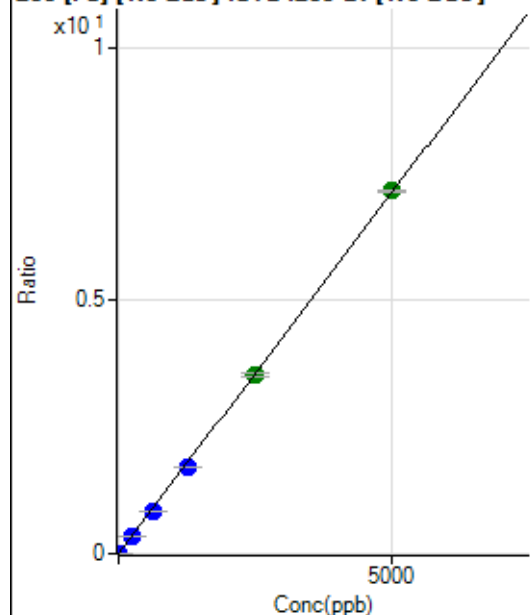
$$DL = 0.001276$$

$$BEC = 0.02051$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	512.98	0.0001	P	4.9
2	☐	1.000	0.941	5291.89	0.0015	P	7.2
3	☐	250.000	238.483	1202935.46	0.3398	P	0.4
4	☐	625.000	590.458	2985886.99	0.8410	P	0.2
5	☐	1250.000	1198.877	5961049.50	1.7075	P	0.2
6	☐	2500.000	2473.682	11984398.07	3.5230	A	1.6
7	☐	5000.000	5030.834	24018003.78	7.1648	A	0.8
8	☐			13521.86	0.0045	P	1.4

$$y = 0.0014 * x + 1.4360E-004$$

$$R = 0.9999$$

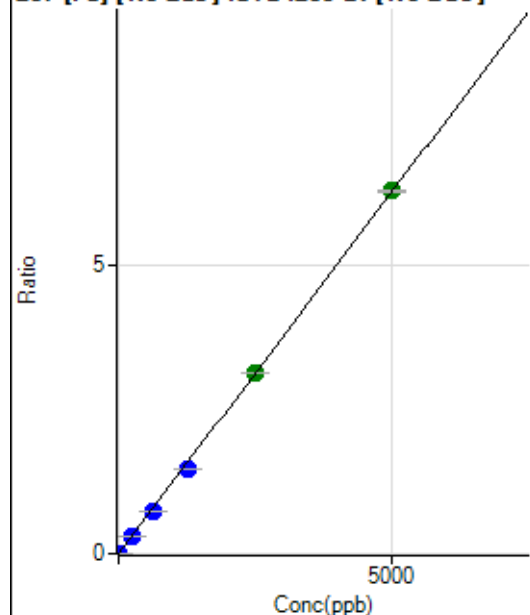
$$DL = 0.01473$$

$$BEC = 0.1008$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	457.42	0.0001	P	3.9
2	☐	1.000	0.925	4591.62	0.0013	P	1.9
3	☐	250.000	235.479	1045357.97	0.2953	P	0.8
4	☐	625.000	579.925	2580977.31	0.7270	P	0.5
5	☐	1250.000	1171.822	5127901.68	1.4689	P	0.3
6	☐	2500.000	2505.629	10683732.88	3.1406	A	0.6
7	☐	5000.000	5023.091	21105844.22	6.2960	A	0.6
8	☐			11716.43	0.0039	P	1.8

$$y = 0.0013 * x + 1.2802E-004$$

$$R = 0.9999$$

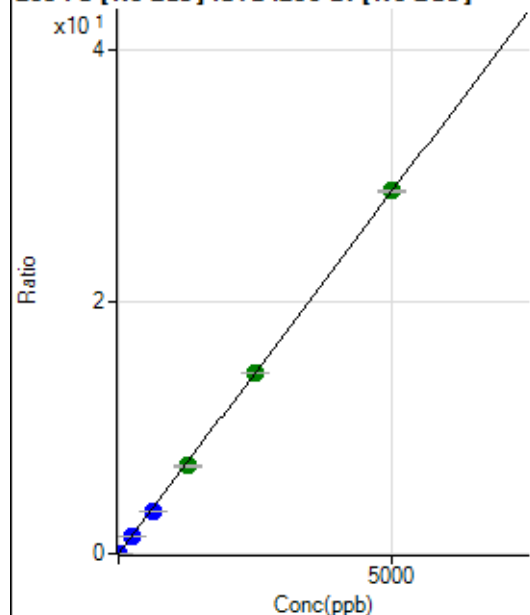
$$DL = 0.01191$$

$$BEC = 0.1021$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2105.66	0.0006	P	2.4
2	☐	1.000	0.931	21179.21	0.0059	P	2.0
3	☐	250.000	236.860	4816327.69	1.3604	P	0.8
4	☐	625.000	587.208	11970692.39	3.3718	P	0.3
5	☐	1250.000	1211.624	24285988.62	6.9566	A	0.6
6	☐	2500.000	2499.023	48808162.09	14.3477	A	0.3
7	☐	5000.000	5015.464	96528056.10	28.7948	A	0.6
8	☐			54023.33	0.0179	P	0.6

$$y = 0.0057 * x + 5.8932E-004$$

$$R = 1.0000$$

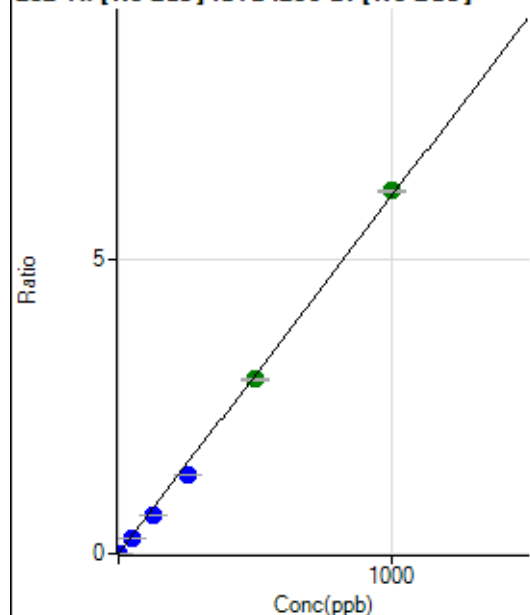
$$DL = 0.007402$$

$$BEC = 0.1027$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	15.4
2	☐	1.000	-0.001	72.23	0.0000	P	35.4
3	☐	50.000	43.555	937821.46	0.2649	P	0.8
4	☐	125.000	109.008	2353549.20	0.6629	P	0.8
5	☐	250.000	222.647	4726915.64	1.3540	P	0.2
6	☐	500.000	488.158	10098577.19	2.9686	A	1.1
7	☐	1000.000	1015.081	20693683.10	6.1730	A	0.5
8	☐			6083.03	0.0020	P	10.3

$$y = 0.0061 * x + 2.6431E-005$$

$$R = 0.9995$$

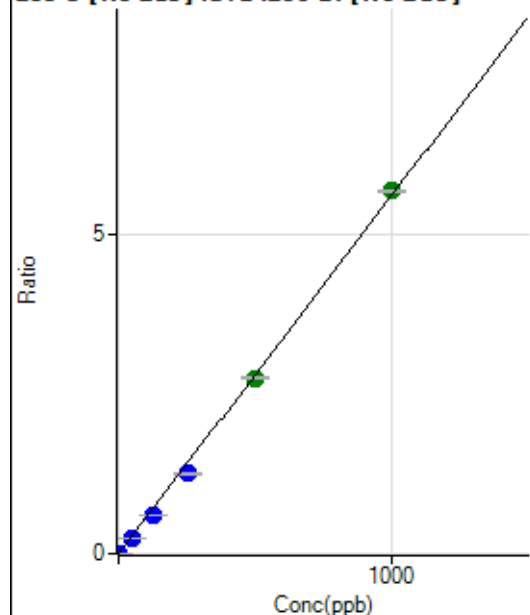
$$DL = 0.002005$$

$$BEC = 0.004346$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.
2	☐	1.000	0.858	17178.57	0.0048	P	1.5
3	☐	50.000	43.772	869627.86	0.2456	P	0.4
4	☐	125.000	109.950	2190482.62	0.6170	P	0.1
5	☐	250.000	223.016	4368982.74	1.2515	P	0.2
6	☐	500.000	490.855	9370010.11	2.7545	A	0.9
7	☐	1000.000	1013.511	19066112.93	5.6874	A	0.8
8	☐			3219.94	0.0011	P	7.6

$$y = 0.0056 * x + 2.3390E-006$$

$$R = 0.9995$$

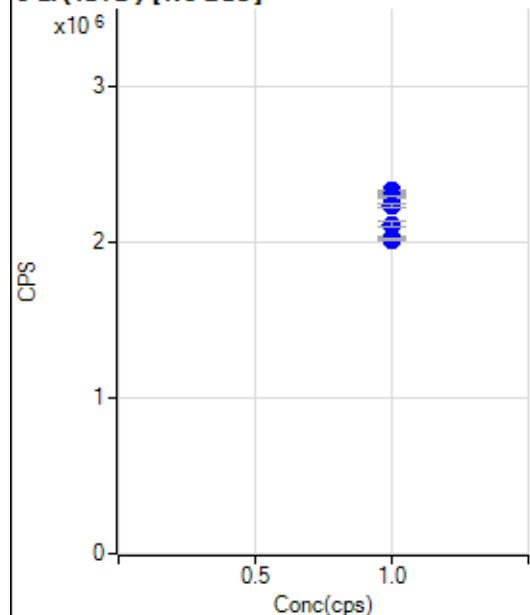
$$DL = 0.001254$$

$$BEC = 0.0004168$$

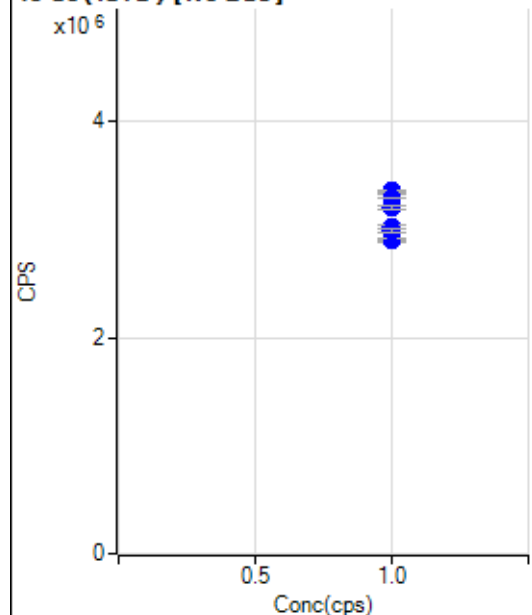
Weight: <None>

Min Conc: 0

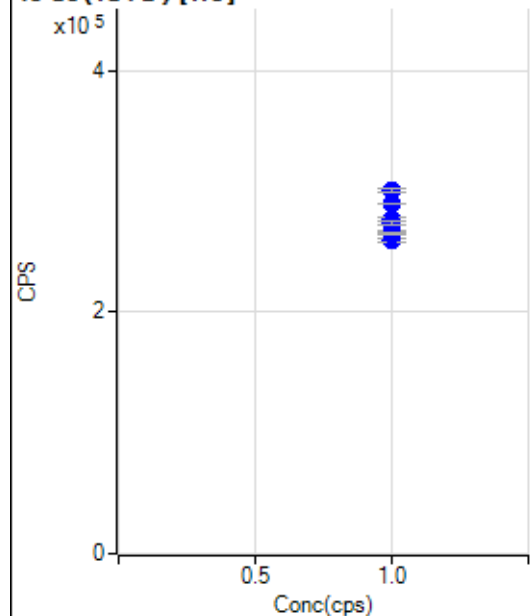
6 Li (ISTD) [No Gas]



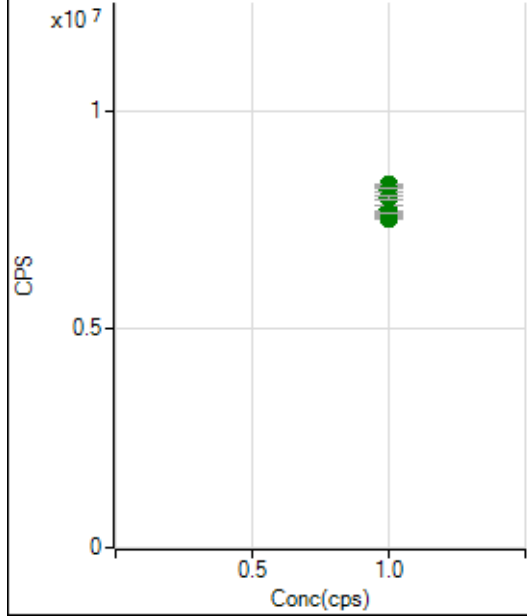
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2318581.82		P	0.6
2	☐	1.000		2330451.63		P	0.3
3	☐	1.000		2293174.74		P	0.2
4	☐	1.000		2237195.16		P	1.0
5	☐	1.000		2117745.54		P	1.3
6	☐	1.000		2030863.44		P	0.8
7	☐	1.000		2019416.79		P	0.2
8	☐	1.000		2023260.72		P	0.7

45 Sc (ISTD) [No Gas]

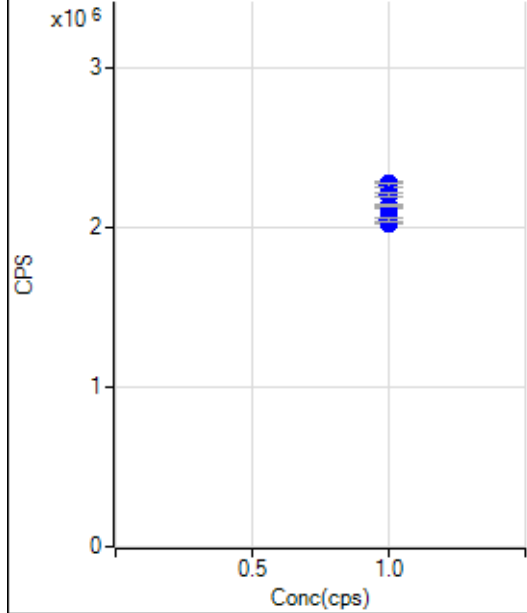
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3340408.18		P	0.5
2	☐	1.000		3355505.16		P	0.2
3	☐	1.000		3290611.79		P	0.3
4	☐	1.000		3200342.11		P	1.1
5	☐	1.000		3026379.85		P	0.9
6	☐	1.000		2898694.85		P	0.6
7	☐	1.000		2910972.56		P	0.1
8	☐	1.000		2986233.57		P	1.2

45 Sc (ISTD) [He]

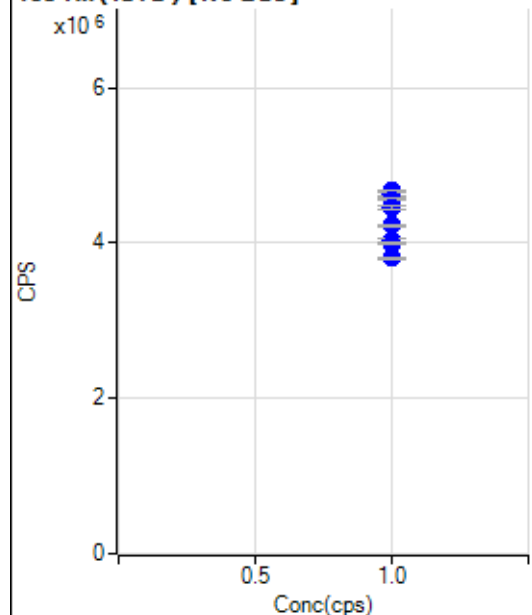
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		300066.05		P	1.1
2	☐	1.000		300067.26		P	1.1
3	☐	1.000		289815.42		P	0.2
4	☐	1.000		276405.59		P	0.9
5	☐	1.000		266103.33		P	0.7
6	☐	1.000		259377.89		P	0.7
7	☐	1.000		264635.28		P	0.4
8	☐	1.000		273221.12		P	1.0

89 Y (ISTD) [No Gas]

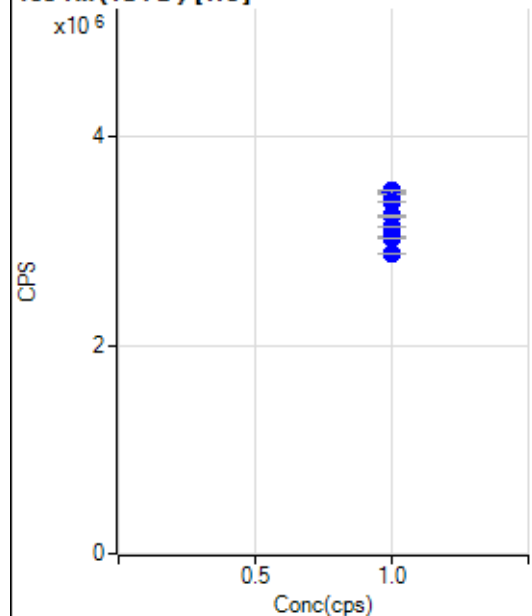
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8206909.81		A	1.2
2	☐	1.000		8307731.27		A	0.6
3	☐	1.000		8187779.53		A	1.4
4	☐	1.000		8015085.78		A	0.6
5	☐	1.000		7758448.56		A	1.7
6	☐	1.000		7548114.61		A	0.7
7	☐	1.000		7598177.60		A	0.3
8	☐	1.000		7662025.16		A	0.5

89 Y (ISTD) [He]

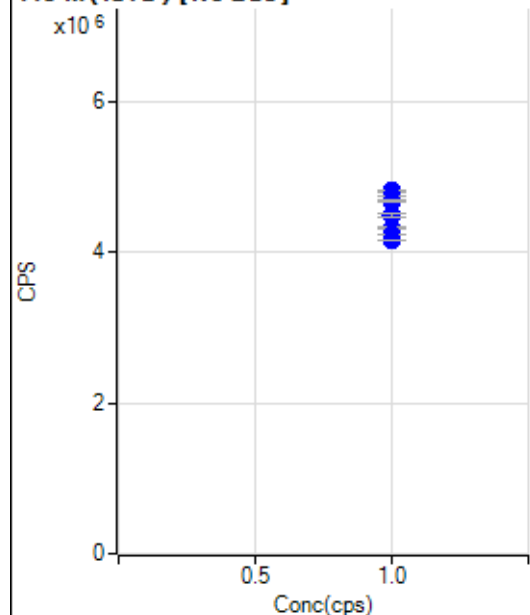
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2277555.57		P	1.4
2	☐	1.000		2266116.84		P	1.1
3	☐	1.000		2209553.65		P	0.8
4	☐	1.000		2128843.49		P	0.3
5	☐	1.000		2064030.56		P	0.5
6	☐	1.000		2034001.08		P	0.8
7	☐	1.000		2051996.05		P	0.6
8	☐	1.000		2140214.71		P	0.9

103 Rh (ISTD) [No Gas]

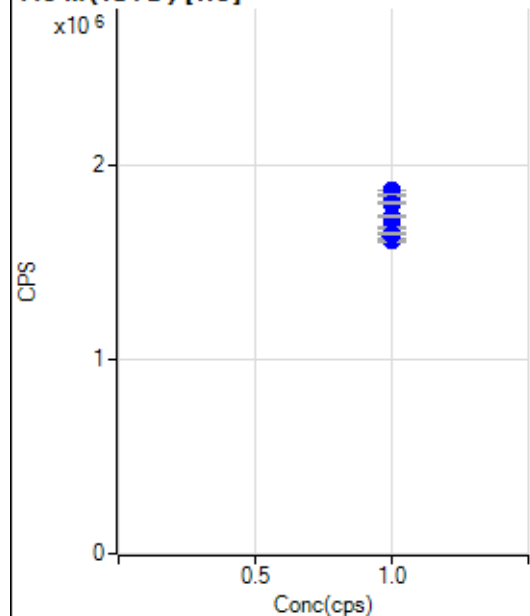
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4630628.92		P	0.7
2	☐	1.000		4670918.78		P	0.3
3	☐	1.000		4566088.51		P	0.3
4	☐	1.000		4463267.78		P	1.0
5	☐	1.000		4226313.20		P	0.6
6	☐	1.000		4036846.92		P	0.7
7	☐	1.000		3996367.82		P	0.1
8	☐	1.000		3802034.73		P	0.2

103 Rh (ISTD) [He]

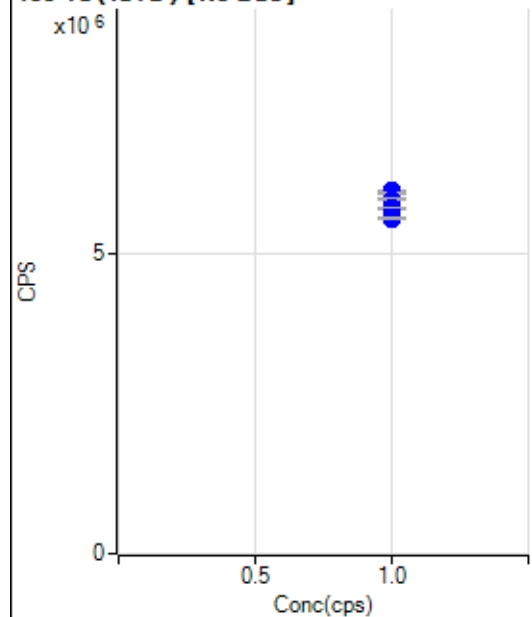
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3478434.74		P	0.3
2	☐	1.000		3467422.07		P	0.9
3	☐	1.000		3373082.00		P	0.5
4	☐	1.000		3236435.12		P	0.5
5	☐	1.000		3130903.11		P	0.4
6	☐	1.000		3037853.01		P	0.8
7	☐	1.000		3019572.70		P	0.1
8	☐	1.000		2879844.37		P	0.3

115 In (ISTD) [No Gas]

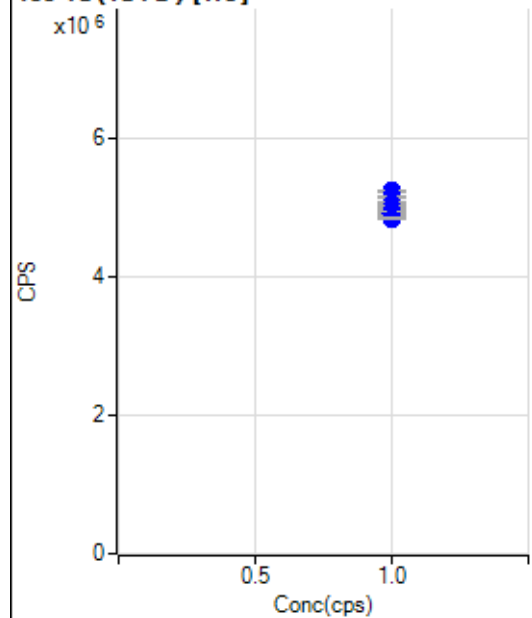
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4807023.38		P	0.5
2	☐	1.000		4810334.01		P	0.1
3	☐	1.000		4740368.35		P	0.2
4	☐	1.000		4676948.03		P	0.8
5	☐	1.000		4483447.77		P	1.2
6	☐	1.000		4320316.80		P	0.6
7	☐	1.000		4239473.58		P	0.1
8	☐	1.000		4154854.00		P	0.5

115 In (ISTD) [He]

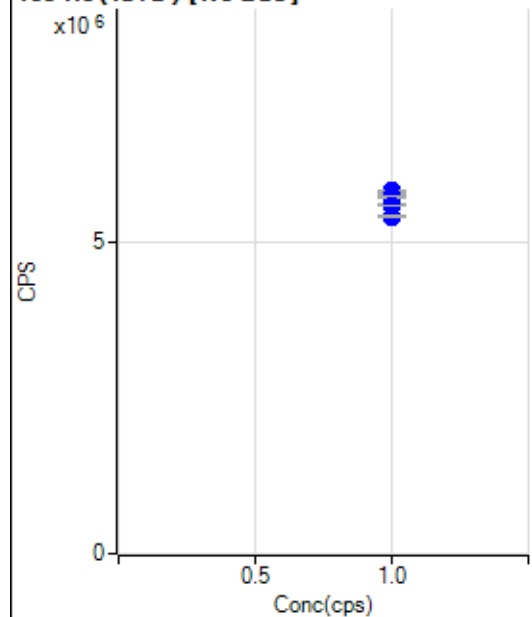
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1868233.16		P	0.1
2	☐	1.000		1848567.49		P	0.2
3	☐	1.000		1804594.26		P	0.3
4	☐	1.000		1736847.31		P	0.3
5	☐	1.000		1679185.59		P	0.5
6	☐	1.000		1636983.22		P	1.1
7	☐	1.000		1612212.04		P	0.5
8	☐	1.000		1646823.70		P	0.6

159 Tb (ISTD) [No Gas]

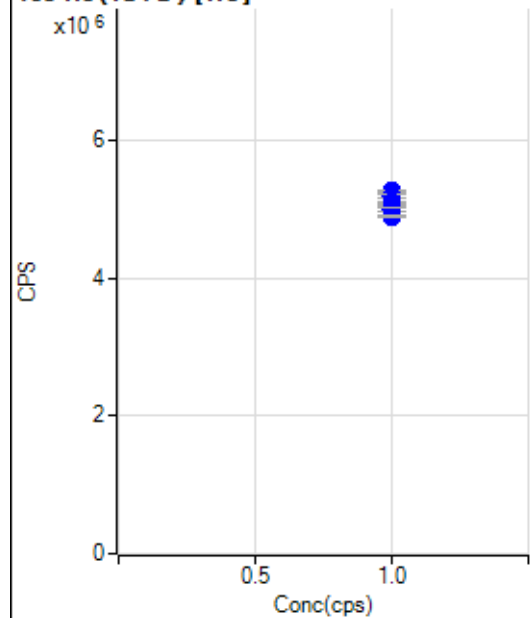
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6022335.95		P	0.5
2	☐	1.000		6028764.28		P	0.8
3	☐	1.000		5998147.62		P	0.3
4	☐	1.000		5986726.99		P	0.2
5	☐	1.000		5881213.18		P	0.6
6	☐	1.000		5729187.13		P	0.3
7	☐	1.000		5756708.94		P	0.4
8	☐	1.000		5569457.83		P	0.6

159 Tb (ISTD) [He]

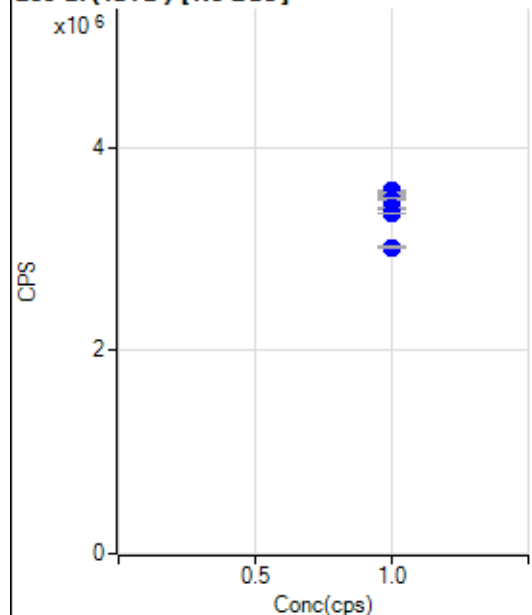
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5230764.05		P	0.6
2	☐	1.000		5247876.24		P	0.3
3	☐	1.000		5162804.85		P	0.5
4	☐	1.000		5072724.75		P	0.2
5	☐	1.000		5013150.41		P	0.4
6	☐	1.000		4947988.99		P	0.7
7	☐	1.000		4930243.29		P	1.1
8	☐	1.000		4844931.31		P	0.4

165 Ho (ISTD) [No Gas]

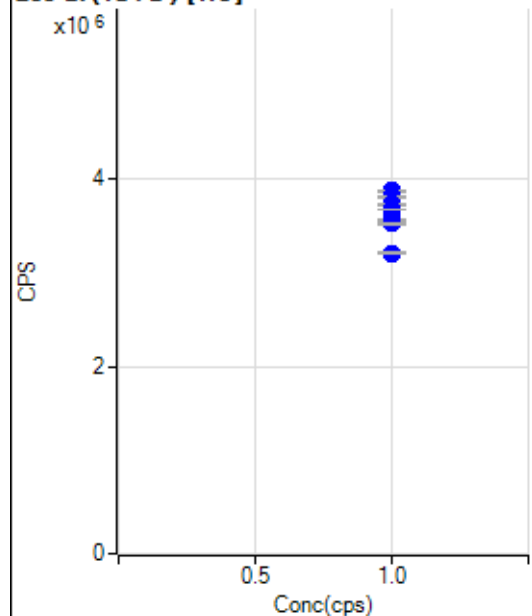
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5822662.00		P	0.3
2	☐	1.000		5825426.30		P	0.2
3	☐	1.000		5795383.11		P	0.3
4	☐	1.000		5835375.75		P	0.6
5	☐	1.000		5741353.73		P	0.9
6	☐	1.000		5612938.25		P	0.9
7	☐	1.000		5603895.54		P	0.3
8	☐	1.000		5426303.39		P	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5262778.32		P	0.4
2	☐	1.000		5252695.10		P	0.4
3	☐	1.000		5188491.80		P	0.5
4	☐	1.000		5101392.15		P	0.2
5	☐	1.000		5064406.77		P	0.7
6	☐	1.000		4988865.55		P	1.0
7	☐	1.000		5019234.02		P	0.3
8	☐	1.000		4892846.94		P	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3572745.16		P	0.5
2	☐	1.000		3567195.43		P	0.4
3	☐	1.000		3540438.77		P	0.6
4	☐	1.000		3550253.73		P	0.3
5	☐	1.000		3491079.57		P	0.2
6	☐	1.000		3401810.12		P	0.6
7	☐	1.000		3352332.90		P	0.5
8	☐	1.000		3013334.54		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3864565.91		P	0.7
2	☐	1.000		3871294.28		P	0.4
3	☐	1.000		3808840.29		P	0.7
4	☐	1.000		3731685.08		P	0.5
5	☐	1.000		3672281.16		P	0.3
6	☐	1.000		3560393.39		P	0.9
7	☐	1.000		3521955.09		P	0.9
8	☐	1.000		3209845.54		P	0.5