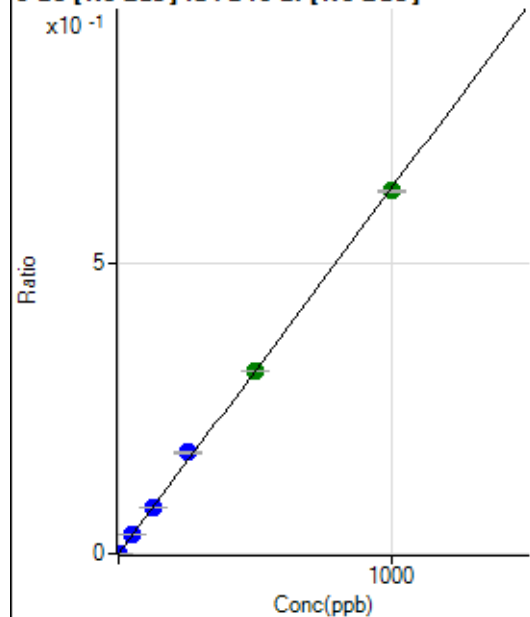


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102522 MS.b\
Analysis File: P7102522 MS.batch.bin
DA Date-Time: 2022-10-25 17:24:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-10-25 13:37:12
2	005CALS.d	S02	2022-10-25 13:40:03
3	006CALS.d	S03	2022-10-25 13:42:56
4	007CALS.d	S04	2022-10-25 13:45:39
5	009CALS.d	S05	2022-10-25 13:52:24
6	010CALS.d	S06	2022-10-25 13:55:10
7	011CALS.d	S07	2022-10-25 13:57:54
8	012CALS.d	S08	2022-10-25 14:00:41

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	157.78	0.0000	P	16.7
2	☐	1.000	0.950	2519.12	0.0006	P	3.7
3	☐	50.000	52.015	121785.27	0.0327	P	3.7
4	☐	125.000	127.097	313705.60	0.0800	P	1.6
5	☐	250.000	276.766	653197.86	0.1741	P	1.1
6	☐	500.000	500.304	1199206.46	0.3146	A	0.2
7	☐	1000.000	992.794	2300694.84	0.6243	A	0.6
8	☐			872.26	0.0002	P	7.5

$$y = 6.2883\text{E-}004 * x + 4.0182\text{E-}005$$

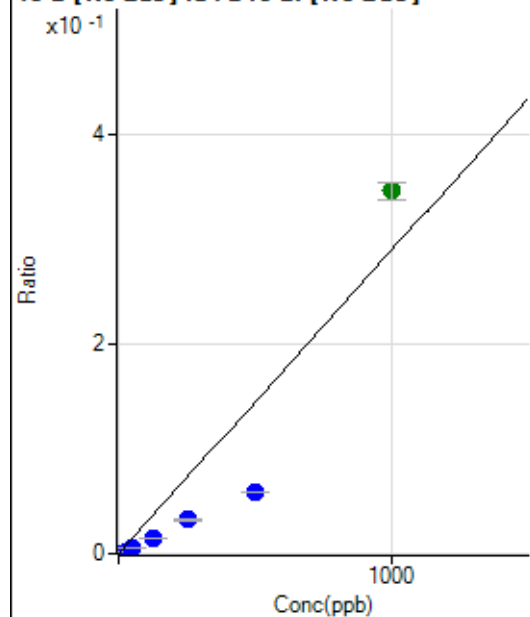
$$R = 0.9996$$

$$DL = 0.03199$$

$$BEC = 0.0639$$

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	486.13	0.0001	P	15.5
2	☐	25.000	6.163	7552.01	0.0019	P	5.4
3	☐	50.000	20.896	23028.73	0.0062	P	0.2
4	☐	125.000	51.184	58739.88	0.0150	P	6.8
5	☐	250.000	110.480	120772.88	0.0322	P	2.8
6	☐	500.000	201.942	223809.54	0.0587	P	2.2
7	☐	1000.000	1195.062	1278670.66	0.3468	A	4.5
8	☐			27870.10	0.0080	P	11.1

$$y = 2.9011\text{E-}004 * x + 1.2375\text{E-}004$$

$$R = 0.9447$$

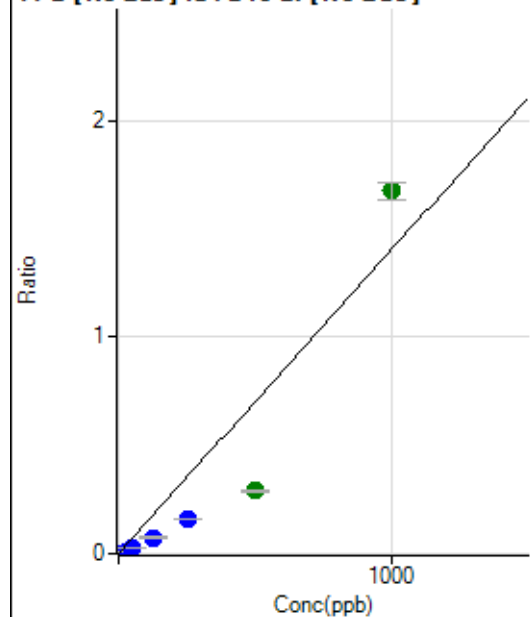
$$DL = 0.1984$$

$$BEC = 0.4266$$

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	2425.24	0.0006	P	11.7
2	☐	25.000	6.371	37768.99	0.0096	P	3.6
3	☐	50.000	21.307	113729.41	0.0305	P	1.5
4	☐	125.000	52.096	289448.72	0.0738	P	6.9
5	☐	250.000	112.246	593970.23	0.1582	P	1.8
6	☐	500.000	206.079	1105522.53	0.2900	A	3.1
7	☐	1000.000	1192.412	6176105.82	1.6751	A	4.8
8	☐			137621.27	0.0394	P	12.1

$$y = 0.0014 * x + 6.1756E-004$$

$$R = 0.9459$$

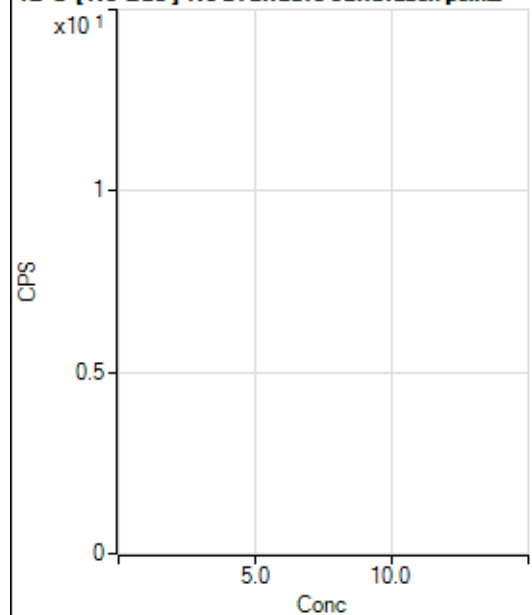
$$DL = 0.155$$

$$BEC = 0.4398$$

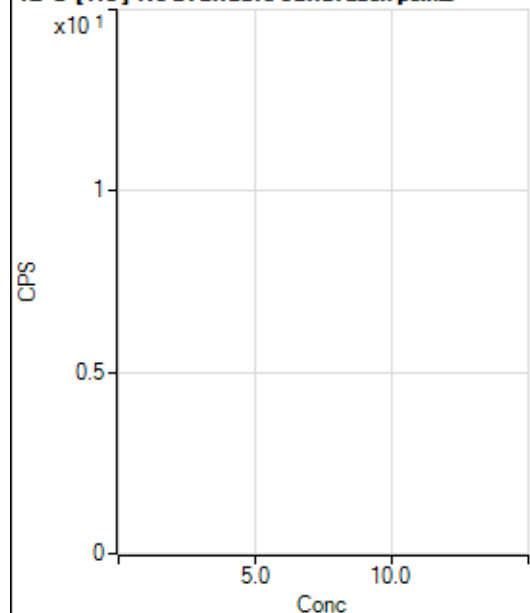
Weight: <None>

Min Conc: 0

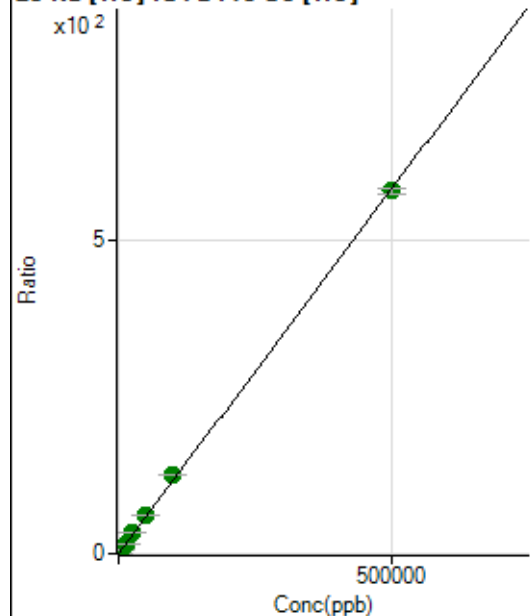
12 C [No Gas] No available calibration points



	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	37250.70	0.0489	P	1.2
2	☐	500.000	493.918	477008.56	0.6217	P	0.8
3	☐	5000.000	5345.954	4812586.05	6.2490	A	0.9
4	☐	12500.000	13792.684	12105384.88	16.0454	A	0.6
5	☐	25000.000	29052.455	24929116.53	33.7434	A	1.6
6	☐	50000.000	53322.898	45788837.14	61.8919	A	0.4
7	☐	100000.00	108999.49	93217410.42	126.4647	A	0.7
8	☐	500000.00	497629.41	417648798.22	577.1912	A	1.3

$$y = 0.0012 * x + 0.0489$$

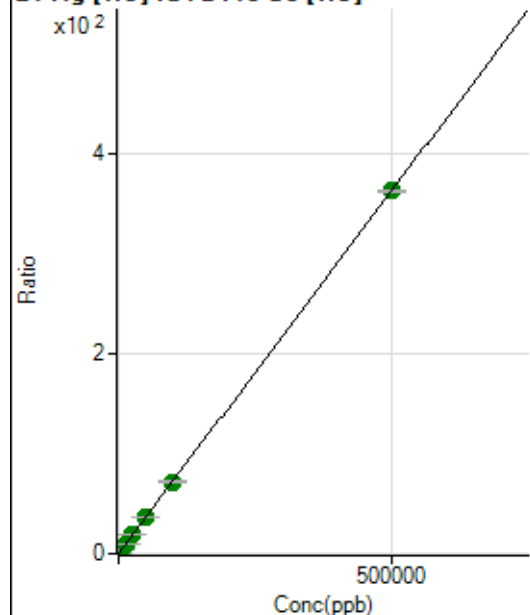
$$R = 0.9998$$

$$DL = 1.483$$

$$BEC = 42.14$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1276.00	0.0017	P	10.7
2	☐	500.000	481.486	269841.52	0.3517	P	0.6
3	☐	5000.000	4980.638	2790048.59	3.6226	A	2.1
4	☐	12500.000	12811.542	7028378.40	9.3158	A	0.6
5	☐	25000.000	27087.981	14550207.96	19.6948	A	1.7
6	☐	50000.000	50214.090	27009502.69	36.5077	A	0.9
7	☐	100000.00	98984.728	53044029.43	71.9643	A	1.2
8	☐	500000.00	500069.67	263068135.51	363.5558	A	0.5

$$y = 7.2701\text{E-}004 * x + 0.0017$$

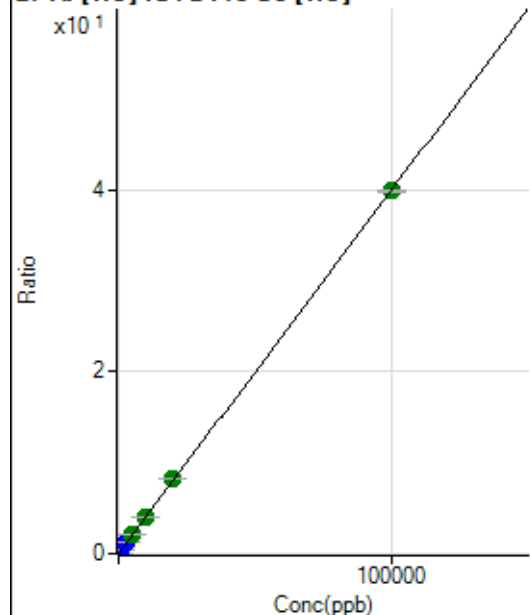
R = 1.0000

DL = 0.7361

BEC = 2.303

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0004	P	18.6
2	☐	20.000	19.050	6175.40	0.0080	P	4.8
3	☐	1000.000	1105.523	340524.19	0.4421	P	0.4
4	☐	2500.000	3163.979	954062.59	1.2646	P	0.9
5	☐	5000.000	5518.156	1629277.28	2.2052	A	0.6
6	☐	10000.000	10121.170	2991998.48	4.0444	A	1.6
7	☐	20000.000	20718.423	6101872.88	8.2785	A	1.5
8	☐	100000.00	99800.636	28853933.51	39.8758	A	0.6

$$y = 3.9955\text{E-}004 * x + 4.3712\text{E-}004$$

R = 1.0000

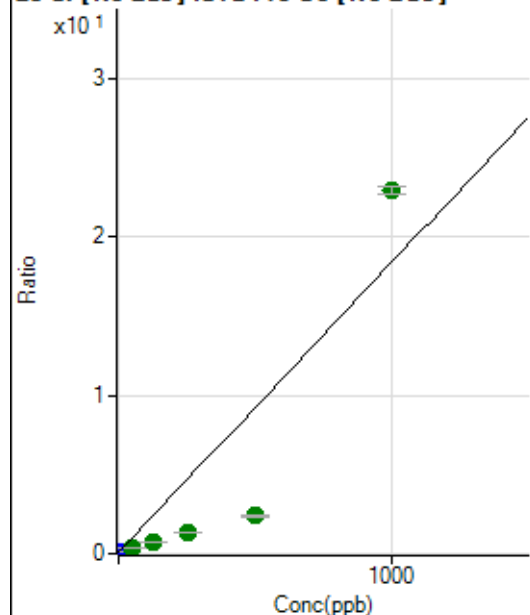
DL = 0.6091

BEC = 1.094

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	782311.10	0.0821	P	0.5
2	☐	10.000	0.463	862446.73	0.0906	P	1.6
3	☐	50.000	15.300	3238974.10	0.3622	A	5.3
4	☐	125.000	34.169	6711596.68	0.7078	A	1.7
5	☐	250.000	68.246	11830585.34	1.3318	A	1.2
6	☐	500.000	125.115	21952104.83	2.3732	A	1.1
7	☐	1000.000	1246.065	205587301.82	22.8997	A	2.0
8	☐			1264377.63	0.1409	A	0.9

$$y = 0.0183 * x + 0.0821$$

$$R = 0.9187$$

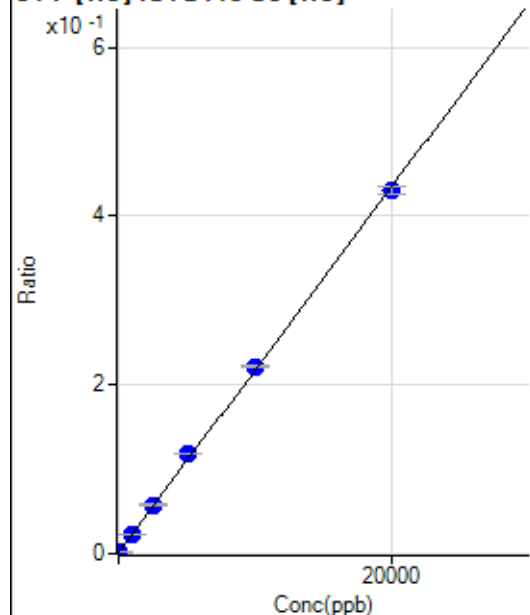
$$DL = 0.07205$$

$$BEC = 4.482$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.461	777.81	0.0010	P	6.2
2	☐	0.000	10.461	1130.63	0.0015	P	7.6
3	☐	1000.000	1020.791	17980.33	0.0233	P	1.0
4	☐	2500.000	2620.765	43746.58	0.0580	P	1.5
5	☐	5000.000	5412.424	87491.65	0.1184	P	0.4
6	☐	10000.000	10183.267	164015.53	0.2217	P	0.9
7	☐	20000.000	19789.126	316678.04	0.4297	P	2.2
8	☐			1072.29	0.0015	P	8.6

$$y = 2.1649E-005 * x + 0.0012$$

$$R = 0.9997$$

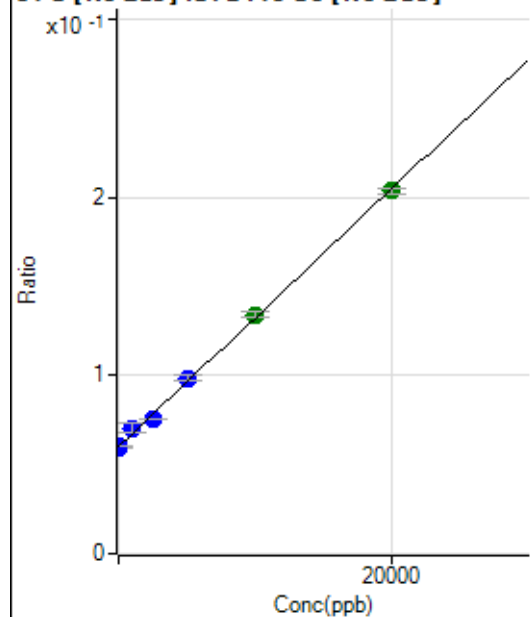
$$DL = 12.1$$

$$BEC = 57.61$$

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	-40.426	570110.45	0.0598	P	0.7
2	☐	0.000	40.426	575229.55	0.0604	P	1.4
3	☐	1000.000	1430.801	629723.48	0.0705	P	7.2
4	☐	2500.000	2171.481	719319.49	0.0759	P	0.3
5	☐	5000.000	5286.492	874151.59	0.0984	P	3.4
6	☐	10000.000	10257.493	1243685.87	0.1345	A	2.8
7	☐	20000.000	19819.155	1829491.17	0.2038	A	1.5
8	☐			485049.82	0.0541	P	1.8

$$y = 7.2502\text{E-}006 * x + 0.0601$$

R = 0.9993

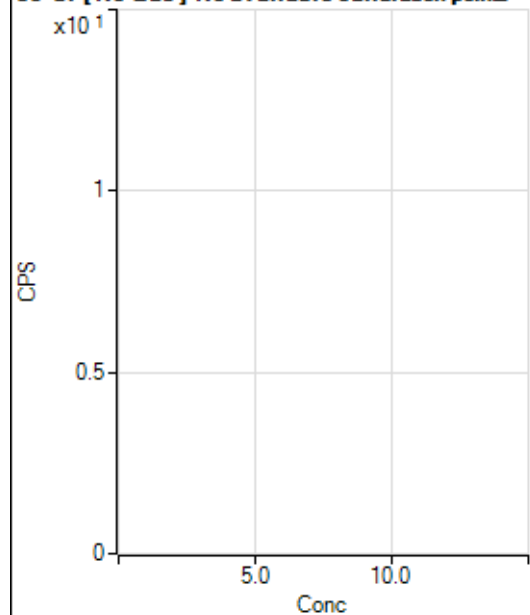
DL = 272.4

BEC = 8290

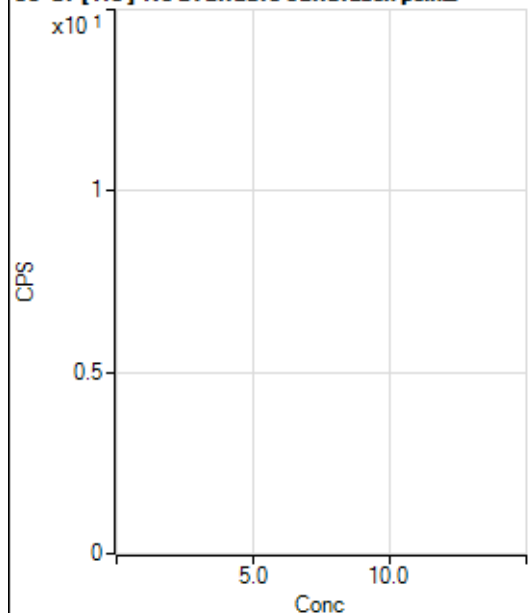
Weight: <None>

Min Conc: 0

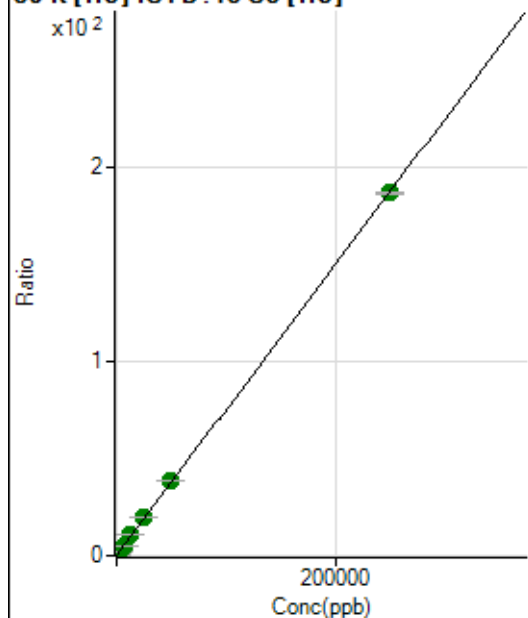
35 Cl [No Gas] No available calibration points



	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	117862.87	0.1546	P	1.4
2	☐	500.000	504.661	408373.37	0.5323	P	0.9
3	☐	2500.000	2584.723	1608872.78	2.0889	A	1.8
4	☐	6250.000	6602.458	3844146.79	5.0956	A	1.1
5	☐	12500.000	13979.914	7843563.20	10.6166	A	1.0
6	☐	25000.000	25881.672	14443262.82	19.5233	A	0.5
7	☐	50000.000	51249.301	28383148.55	38.5074	A	1.1
8	☐	250000.00	249578.30	135262587.75	186.9281	A	0.6

$$y = 7.4836E-004 * x + 0.1546$$

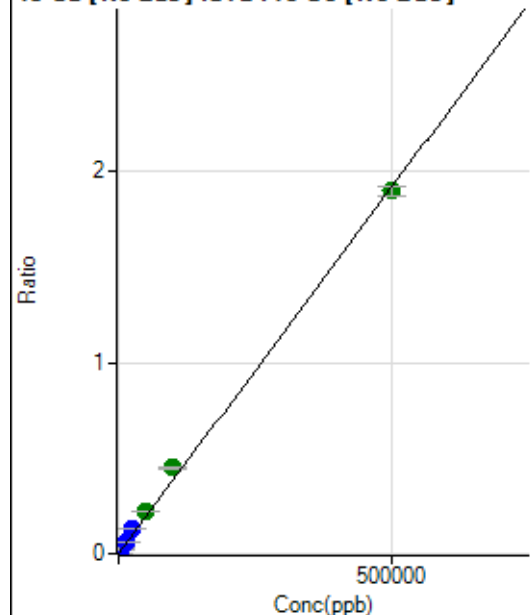
$$R = 1.0000$$

$$DL = 8.392$$

$$BEC = 206.6$$

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	261.12	0.0000	P	10.7
2	☐	500.000	502.697	18611.90	0.0020	P	0.4
3	☐	5000.000	6477.313	222237.25	0.0249	P	5.2
4	☐	12500.000	15272.553	555331.77	0.0586	P	2.0
5	☐	25000.000	33572.956	1143287.44	0.1287	P	1.5
6	☐	50000.000	57970.462	2055435.98	0.2222	A	1.8
7	☐	100000.00	117259.69	4034599.52	0.4495	A	1.5
8	☐	500000.00	495238.27	17029131.80	1.8981	A	2.6

$$y = 3.8327E-006 * x + 2.7404E-005$$

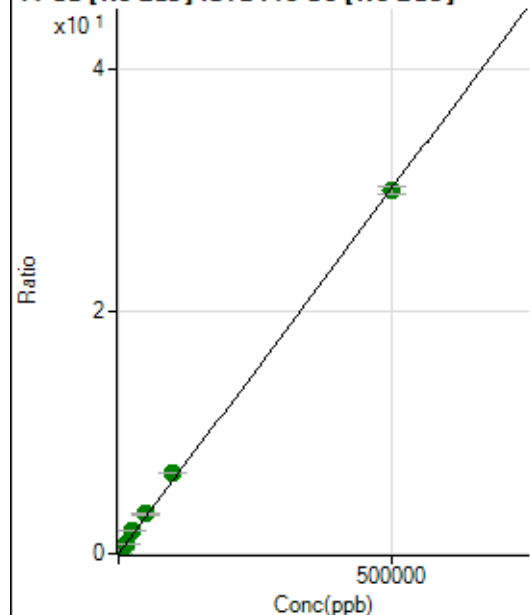
$$R = 0.9993$$

$$DL = 2.3$$

$$BEC = 7.15$$

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	12608.39	0.0013	P	2.6
2	☐	500.000	493.736	295728.98	0.0311	P	0.9
3	☐	5000.000	5889.865	3183066.43	0.3559	A	5.1
4	☐	12500.000	13773.546	7876486.98	0.8306	A	1.9
5	☐	25000.000	30779.572	16474205.23	1.8545	A	1.8
6	☐	50000.000	54006.387	30089954.49	3.2530	A	1.0
7	☐	100000.00	110737.43	59872095.78	6.6687	A	1.7
8	☐	500000.00	497122.16	268555142.11	29.9326	A	2.0

$$y = 6.0209E-005 * x + 0.0013$$

$$R = 0.9997$$

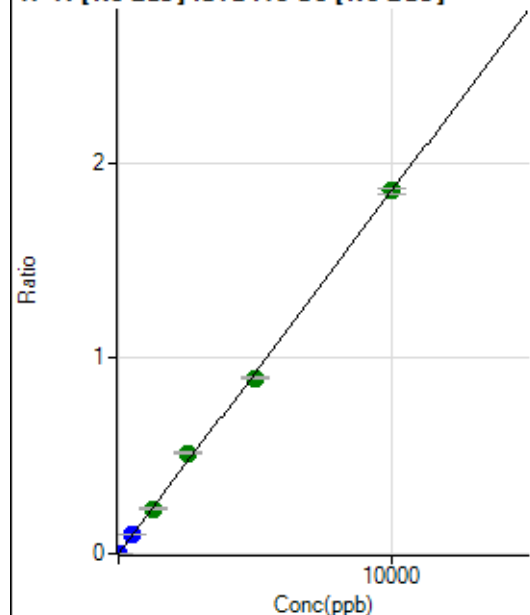
$$DL = 1.714$$

$$BEC = 21.97$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.12	0.0000	P	12.8
2	☐	5.000	4.459	8149.61	0.0009	P	2.4
3	☐	500.000	526.941	875067.25	0.0979	P	5.8
4	☐	1250.000	1246.062	2194608.23	0.2314	A	1.8
5	☐	2500.000	2778.834	4584172.46	0.5161	A	2.4
6	☐	5000.000	4846.715	8325679.79	0.9001	A	0.9
7	☐	10000.000	10006.080	16684959.23	1.8582	A	1.5
8	☐			4189.58	0.0005	P	4.3

$$y = 1.8570E-004 * x + 2.7395E-005$$

$$R = 0.9994$$

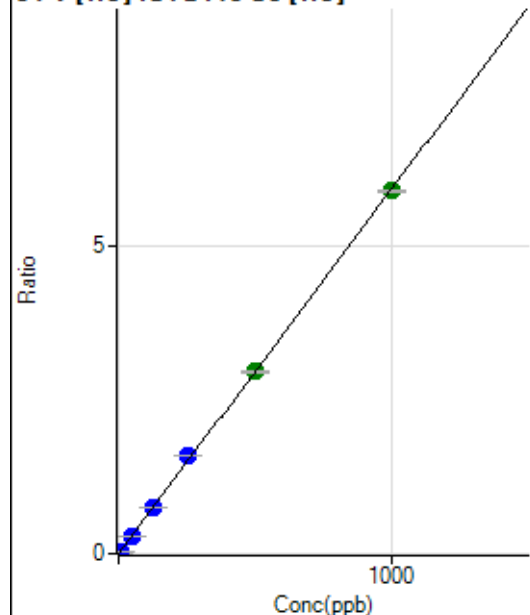
$$DL = 0.05681$$

$$BEC = 0.1475$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.44	0.0000	P	55.6
2	☐	5.000	4.666	21214.97	0.0277	P	1.4
3	☐	50.000	49.352	224910.88	0.2920	P	0.9
4	☐	125.000	126.482	564578.50	0.7484	P	0.7
5	☐	250.000	269.083	1176229.26	1.5921	P	1.5
6	☐	500.000	499.184	2185003.89	2.9535	A	0.4
7	☐	1000.000	995.486	4341558.48	5.8899	A	0.4
8	☐			1620.10	0.0022	P	8.4

$$y = 0.0059 * x + 4.5139E-005$$

$$R = 0.9998$$

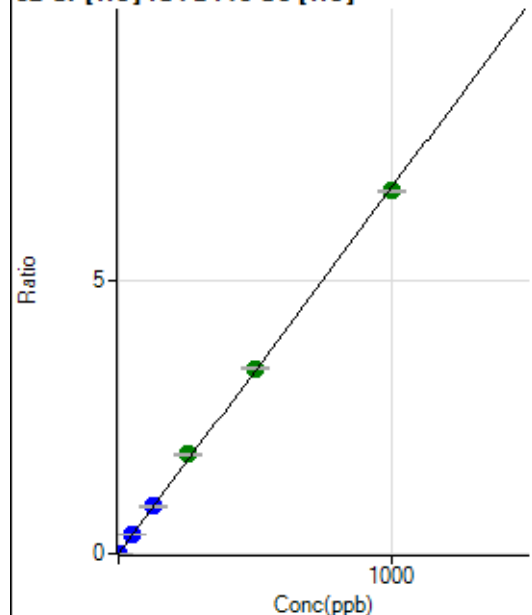
$$DL = 0.01272$$

$$BEC = 0.007629$$

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	1396.74	0.0018	P	7.7
2	☐	2.000	1.906	11216.50	0.0146	P	1.9
3	☐	50.000	50.411	261875.73	0.3400	P	0.9
4	☐	125.000	129.373	656141.25	0.8698	P	1.4
5	☐	250.000	270.472	1341971.79	1.8164	A	1.2
6	☐	500.000	505.977	2512803.03	3.3964	A	1.0
7	☐	1000.000	991.326	4903640.13	6.6527	A	0.8
8	☐			39159.59	0.0541	P	0.3

$$y = 0.0067 * x + 0.0018$$

$$R = 0.9997$$

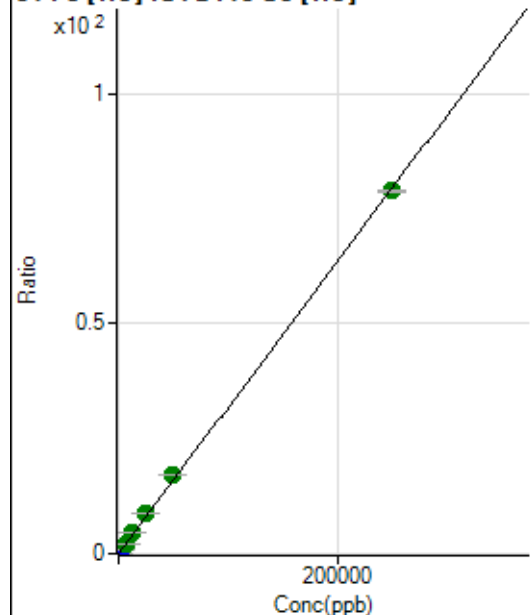
$$DL = 0.06317$$

$$BEC = 0.2732$$

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	2449.39	0.0032	P	5.2
2	☐	50.000	53.897	15584.03	0.0203	P	4.1
3	☐	2500.000	2848.669	698652.24	0.9071	P	0.3
4	☐	6250.000	6999.820	1678070.39	2.2244	A	0.8
5	☐	12500.000	14880.000	3490670.18	4.7249	A	1.7
6	☐	25000.000	27762.605	6519666.21	8.8128	A	0.6
7	☐	50000.000	54173.473	12672997.24	17.1934	A	1.1
8	☐	250000.00	248747.81	57117296.12	78.9354	A	0.5

$$y = 3.1732E-004 * x + 0.0032$$

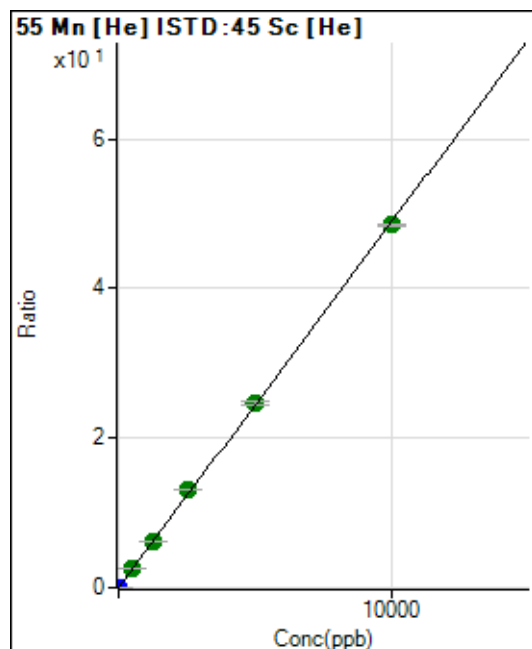
$$R = 0.9998$$

$$DL = 1.576$$

$$BEC = 10.12$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.90	0.0005	P	13.6
2	☐	1.000	0.988	4096.16	0.0053	P	3.5
3	☐	500.000	502.995	1894460.46	2.4599	A	0.9
4	☐	1250.000	1274.904	4702877.29	6.2341	A	1.1
5	☐	2500.000	2687.953	9710496.52	13.1432	A	0.5
6	☐	5000.000	5052.373	18275174.17	24.7040	A	1.2
7	☐	10000.000	9923.563	35765453.63	48.5216	A	0.7
8	☐			47868.08	0.0662	P	0.7

$$y = 0.0049 * x + 5.1037E-004$$

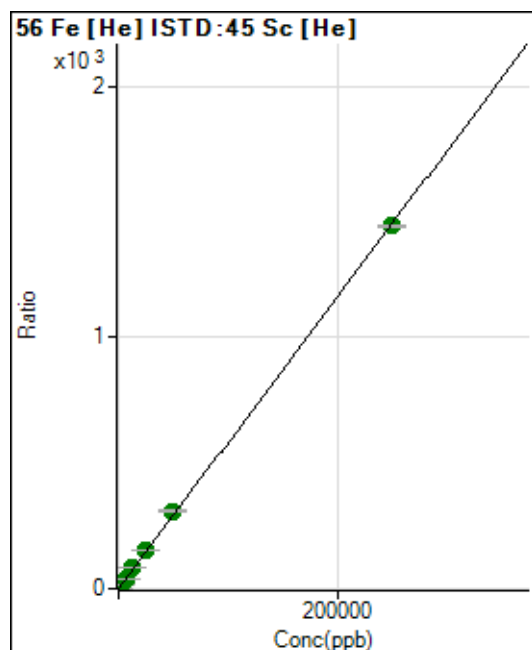
$$R = 0.9998$$

$$DL = 0.04259$$

$$BEC = 0.1044$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21174.43	0.0278	P	5.7
2	☐	50.000	51.759	251515.87	0.3278	P	0.9
3	☐	2500.000	2669.475	11940405.36	15.5035	A	0.9
4	☐	6250.000	6845.979	29961718.03	39.7158	A	0.7
5	☐	12500.000	14458.763	61948716.20	83.8491	A	1.2
6	☐	25000.000	26847.891	115160118.32	155.6723	A	1.4
7	☐	50000.000	53221.277	227436292.12	308.5659	A	1.1
8	☐	250000.00	249056.42	1044786245.5	1,443.875	A	0.3

$$y = 0.0058 * x + 0.0278$$

$$R = 0.9999$$

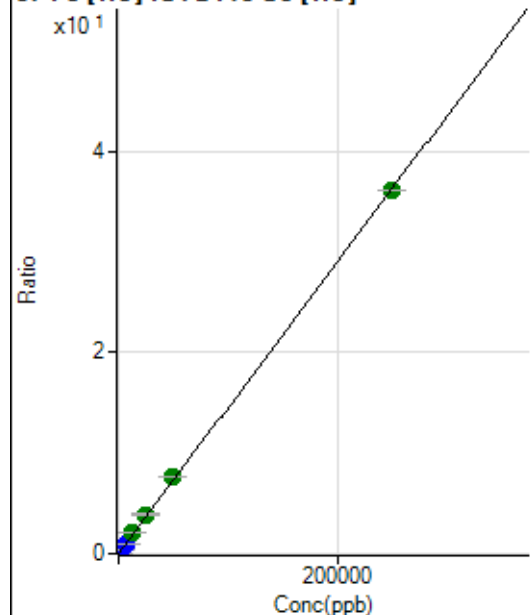
$$DL = 0.8242$$

$$BEC = 4.792$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1222.29	0.0016	P	2.7
2	☐	50.000	53.725	7201.84	0.0094	P	1.2
3	☐	2500.000	2731.661	306035.52	0.3974	P	0.3
4	☐	6250.000	6948.031	760575.93	1.0082	P	1.3
5	☐	12500.000	14637.756	1567954.19	2.1223	A	1.5
6	☐	25000.000	27010.083	2896091.88	3.9148	A	1.4
7	☐	50000.000	52958.715	5656857.30	7.6743	A	0.5
8	☐	250000.00	249080.59	26113591.09	36.0884	A	0.1

$$y = 1.4488\text{E-}004 * x + 0.0016$$

R = 0.9999

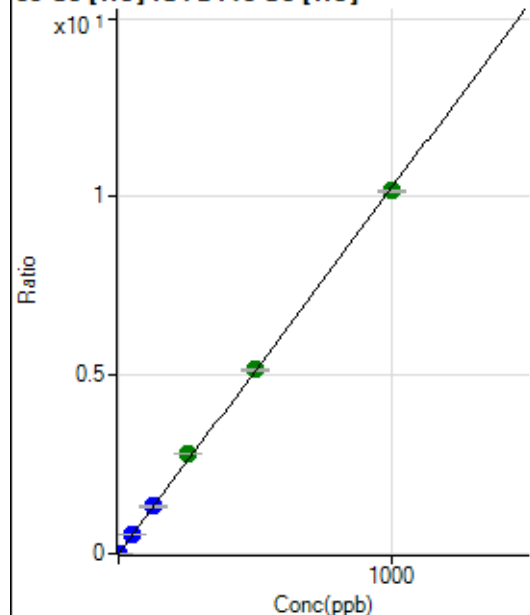
DL = 0.9028

BEC = 11.07

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	176.67	0.0002	P	17.2
2	☐	1.000	0.987	7935.51	0.0103	P	1.5
3	☐	50.000	50.507	398556.02	0.5175	P	0.5
4	☐	125.000	129.047	997205.49	1.3219	P	1.0
5	☐	250.000	274.300	2075730.71	2.8095	A	0.8
6	☐	500.000	502.398	3806585.40	5.1456	A	1.1
7	☐	1000.000	992.195	7490562.81	10.1620	A	0.3
8	☐			9087.27	0.0126	P	0.7

$$y = 0.0102 * x + 2.3197\text{E-}004$$

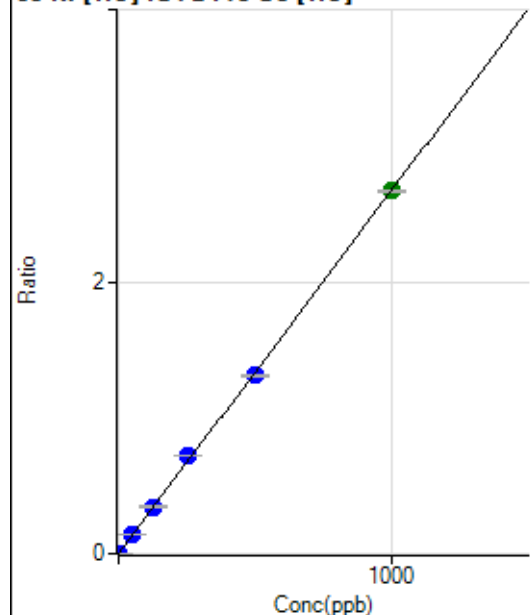
R = 0.9997

DL = 0.01172

BEC = 0.02265

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	410.01	0.0005	P	6.4
2	☐	1.000	1.005	2470.23	0.0032	P	4.1
3	☐	50.000	50.251	103703.07	0.1347	P	0.2
4	☐	125.000	129.192	260512.59	0.3453	P	1.2
5	☐	250.000	268.605	530038.97	0.7174	P	0.8
6	☐	500.000	491.508	970832.67	1.3123	P	0.8
7	☐	1000.000	999.058	1965821.19	2.6669	A	0.5
8	☐			9988.95	0.0138	P	1.3

$$y = 0.0027 * x + 5.3806E-004$$

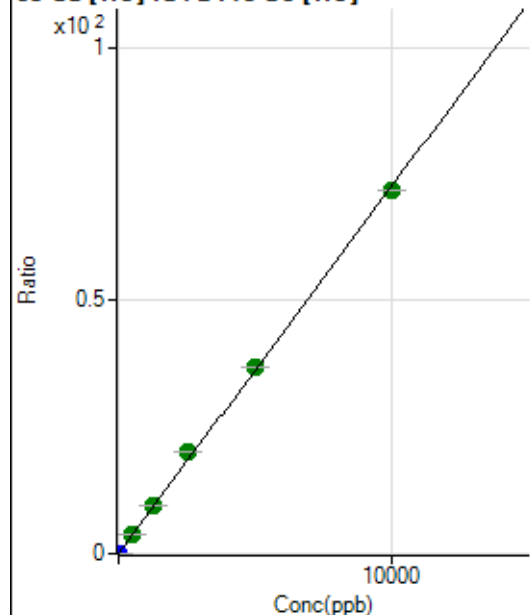
$$R = 0.9998$$

$$DL = 0.03892$$

$$BEC = 0.2016$$

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	1735.68	0.0023	P	8.0
2	☐	2.000	1.949	12593.16	0.0164	P	2.0
3	☐	500.000	520.991	2912438.95	3.7817	A	0.6
4	☐	1250.000	1322.135	7236930.52	9.5934	A	1.2
5	☐	2500.000	2755.423	14769668.25	19.9908	A	0.3
6	☐	5000.000	5087.241	27302884.59	36.9063	A	0.5
7	☐	10000.000	9882.457	52846300.32	71.6920	A	0.1
8	☐			18625.00	0.0257	P	3.2

$$y = 0.0073 * x + 0.0023$$

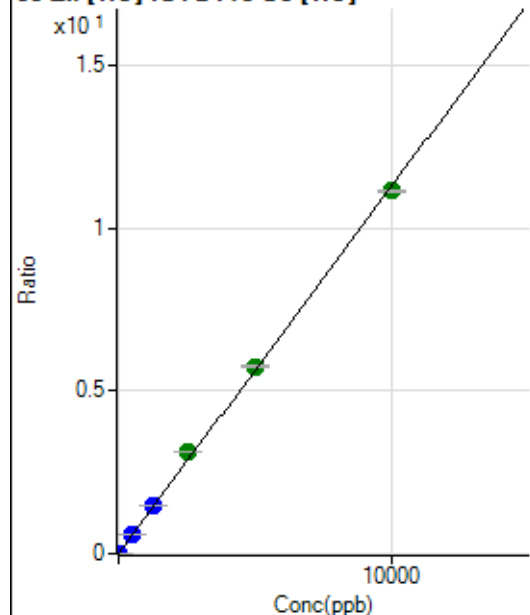
$$R = 0.9996$$

$$DL = 0.07567$$

$$BEC = 0.3138$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1541.21	0.0020	P	0.7
2	☐	2.000	2.101	3370.41	0.0044	P	4.9
3	☐	500.000	521.172	454591.68	0.5903	P	0.6
4	☐	1250.000	1317.281	1123152.64	1.4888	P	0.9
5	☐	2500.000	2754.870	2298816.86	3.1114	A	0.3
6	☐	5000.000	5095.179	4255959.80	5.7529	A	1.4
7	☐	10000.000	9879.224	8220977.10	11.1526	A	0.3
8	☐			12340.73	0.0171	P	0.2

$$y = 0.0011 * x + 0.0020$$

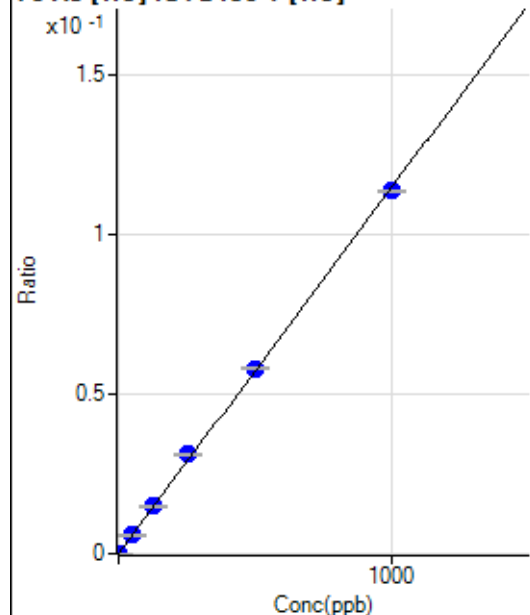
$$R = 0.9996$$

$$DL = 0.03783$$

$$BEC = 1.791$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.73	0.0000	P	35.7
2	☐	1.000	0.966	565.45	0.0001	P	5.5
3	☐	50.000	50.239	28528.58	0.0058	P	1.6
4	☐	125.000	129.172	72135.06	0.0148	P	0.9
5	☐	250.000	270.952	149511.74	0.0311	P	0.4
6	☐	500.000	506.048	278727.00	0.0581	P	0.5
7	☐	1000.000	991.205	546631.27	0.1138	P	0.5
8	☐			340.13	0.0001	P	13.0

$$y = 1.1476E-004 * x + 2.3449E-006$$

$$R = 0.9997$$

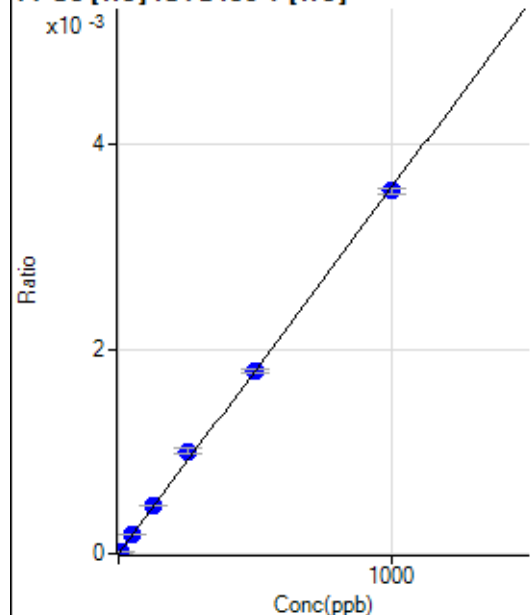
$$DL = 0.02191$$

$$BEC = 0.02043$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.407	97.78	0.0000	P	19.1
3	☐	50.000	52.775	935.59	0.0002	P	7.6
4	☐	125.000	132.077	2302.42	0.0005	P	1.3
5	☐	250.000	280.277	4826.38	0.0010	P	4.5
6	☐	500.000	501.169	8614.82	0.0018	P	2.0
7	☐	1000.000	990.821	17053.27	0.0035	P	1.9
8	☐			8.89	0.0000	P	21.5

$$y = 3.5813\text{E-}006 * x + 2.2059\text{E-}007$$

$$R = 0.9995$$

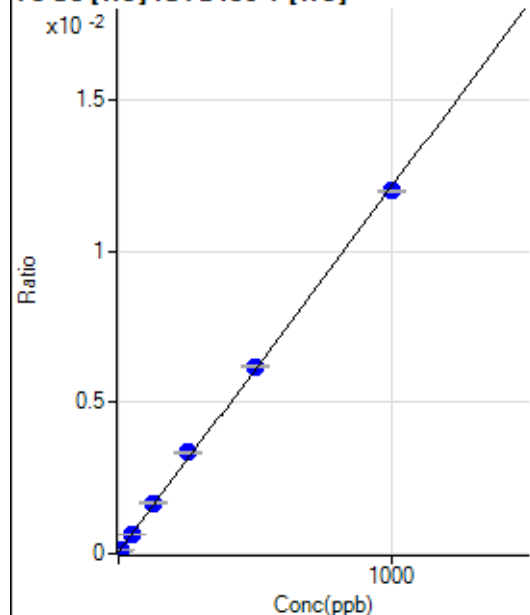
$$DL = 0.3201$$

$$BEC = 0.06159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262.35	0.0001	P	16.7
2	☐	5.000	4.496	533.35	0.0001	P	4.7
3	☐	50.000	50.404	3267.66	0.0007	P	1.9
4	☐	125.000	132.778	8049.75	0.0017	P	3.5
5	☐	250.000	273.057	16091.46	0.0033	P	0.9
6	☐	500.000	508.801	29714.31	0.0062	P	1.1
7	☐	1000.000	988.845	57583.33	0.0120	P	0.4
8	☐			272.84	0.0001	P	4.7

$$y = 1.2065\text{E-}005 * x + 5.2503\text{E-}005$$

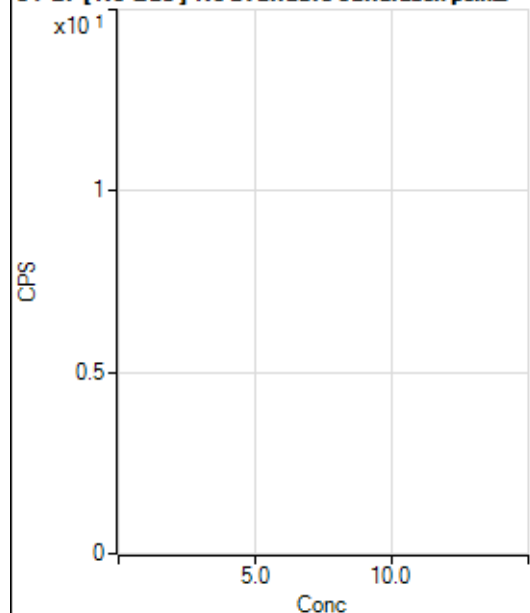
$$R = 0.9996$$

$$DL = 2.186$$

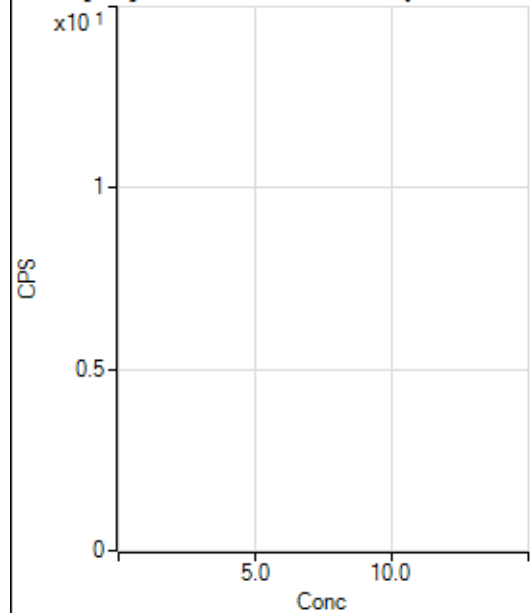
$$BEC = 4.352$$

Weight: <None>

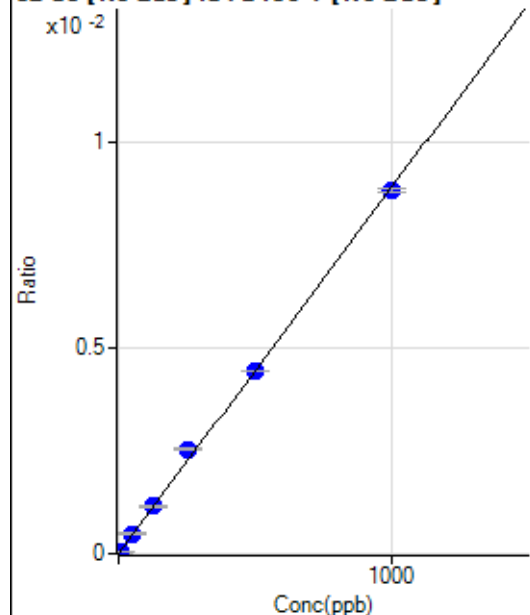
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26235.05		P	2.4
2	☐			26196.17		P	3.1
3	☐			25244.55		P	2.0
4	☐			24621.09		P	0.6
5	☐			24732.49		P	1.2
6	☐			24573.74		P	1.2
7	☐			25506.06		P	0.5
8	☐			26065.39		P	1.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.10		P	20.0
2	☐			110.11		P	39.6
3	☐			43.38		P	53.3
4	☐			80.08		P	NaN
5	☐			86.75		P	33.3
6	☐			90.09		P	19.2
7	☐			113.45		P	35.7
8	☐			86.75		P	17.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.24	0.0000	P	110.
2	☐	5.000	5.351	1063.64	0.0000	P	1.5
3	☐	50.000	54.272	9820.59	0.0005	P	4.6
4	☐	125.000	129.359	25028.22	0.0012	P	2.1
5	☐	250.000	286.050	51683.52	0.0025	P	1.1
6	☐	500.000	498.913	94766.23	0.0044	P	0.6
7	☐	1000.000	990.771	183835.31	0.0088	P	1.1
8	☐			199.84	0.0000	P	30.2

$$y = 8.9060E-006 * x + 1.2572E-006$$

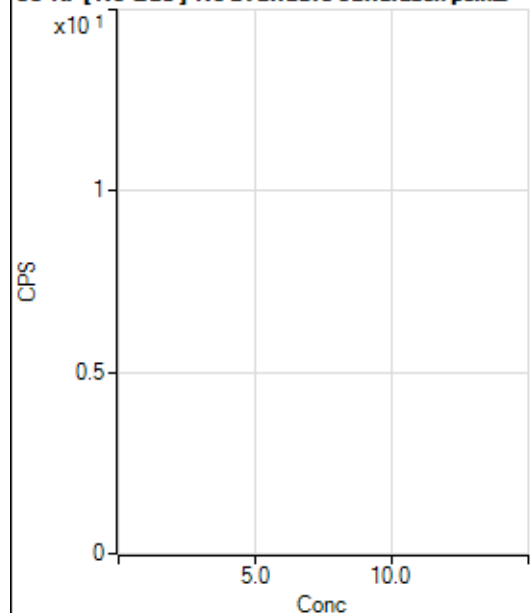
$$R = 0.9993$$

$$DL = 0.4696$$

$$BEC = 0.1412$$

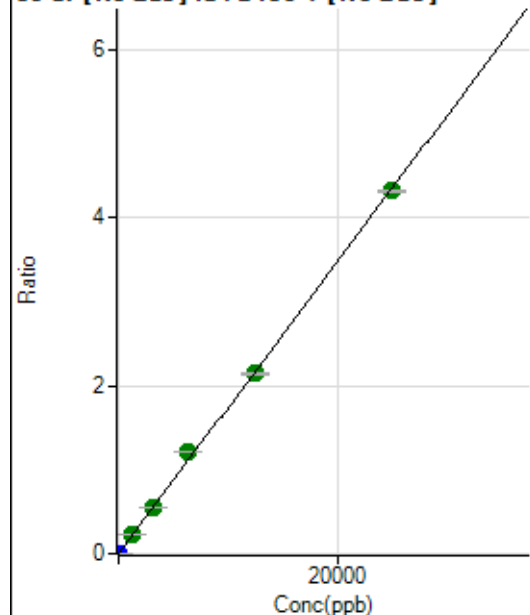
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			315.56		P	4.0
2	☐			272.23		P	13.5
3	☐			361.12		P	13.5
4	☐			325.56		P	9.5
5	☐			390.01		P	9.9
6	☐			347.79		P	7.8
7	☐			356.67		P	5.2
8	☐			368.90		P	12.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	741.70	0.0000	P	9.5
2	☐	1.000	0.905	4156.25	0.0002	P	5.5
3	☐	1250.000	1334.238	4687043.11	0.2314	A	5.8
4	☐	3125.000	3168.735	11924633.08	0.5495	A	0.7
5	☐	6250.000	6995.732	24601746.04	1.2131	A	0.5
6	☐	12500.000	12334.845	45607364.21	2.1389	A	1.3
7	☐	25000.000	24886.466	89912854.09	4.3154	A	0.8
8	☐			29911.66	0.0015	P	8.2

$$y = 1.7340E-004 * x + 3.4336E-005$$

$$R = 0.9995$$

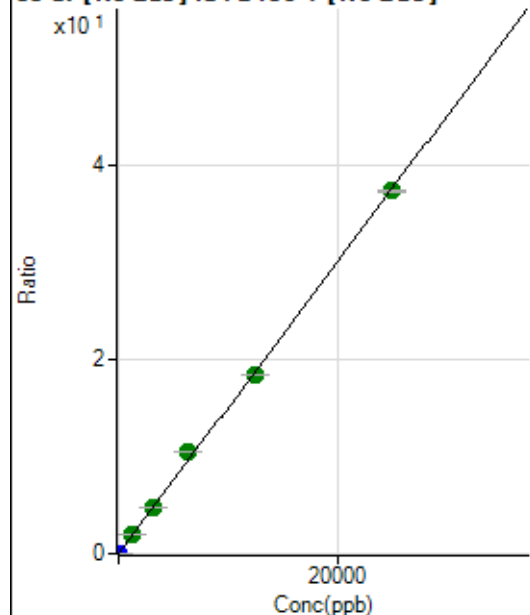
$$DL = 0.05623$$

$$BEC = 0.198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2036.31	0.0001	P	7.3
2	☐	1.000	0.894	31242.14	0.0014	P	3.4
3	☐	1250.000	1335.693	40634714.10	2.0060	A	5.6
4	☐	3125.000	3150.127	102661795.35	4.7309	A	2.0
5	☐	6250.000	7016.444	213675225.61	10.5372	A	1.0
6	☐	12500.000	12295.077	393692222.69	18.4644	A	0.1
7	☐	25000.000	24903.425	779225350.75	37.3992	A	0.8
8	☐			257439.49	0.0126	P	6.8

$$y = 0.0015 * x + 9.4294E-005$$

$$R = 0.9994$$

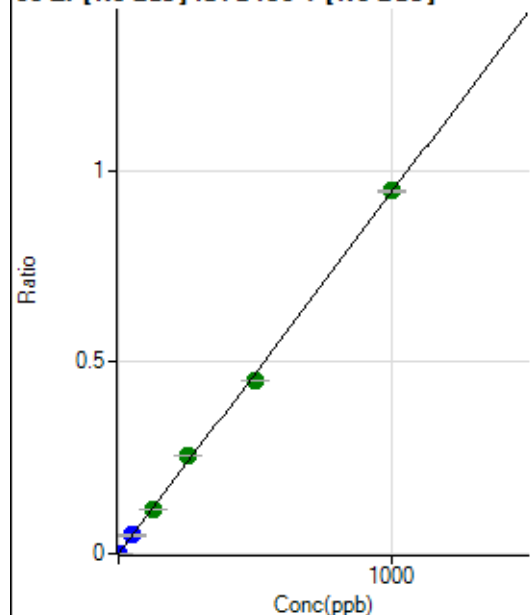
$$DL = 0.01382$$

$$BEC = 0.06279$$

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	991.73	0.0000	P	11.3
2	☐	1.000	0.871	18846.35	0.0009	P	4.6
3	☐	50.000	51.435	982830.22	0.0485	P	5.6
4	☐	125.000	123.241	2521389.38	0.1162	A	2.2
5	☐	250.000	273.201	5222099.03	0.2575	A	0.5
6	☐	500.000	480.003	9646059.59	0.4524	A	0.5
7	☐	1000.000	1004.347	19719145.23	0.9465	A	0.8
8	☐			9564.46	0.0005	P	6.6

$$y = 9.4240\text{E-}004 * x + 4.5917\text{E-}005$$

$$R = 0.9994$$

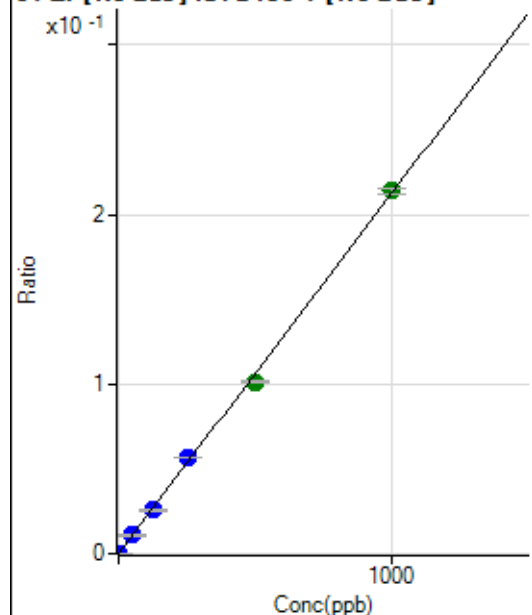
$$DL = 0.01648$$

$$BEC = 0.04872$$

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	147.23	0.0000	P	51.1
2	☐	1.000	0.886	4239.63	0.0002	P	5.4
3	☐	50.000	50.824	218849.13	0.0108	P	5.6
4	☐	125.000	120.211	554291.07	0.0255	P	2.0
5	☐	250.000	268.230	1155543.22	0.0570	P	0.8
6	☐	500.000	477.647	2163509.32	0.1015	A	1.1
7	☐	1000.000	1007.176	4457134.87	0.2140	A	1.3
8	☐			2144.65	0.0001	P	3.2

$$y = 2.1242\text{E-}004 * x + 6.8063\text{E-}006$$

$$R = 0.9994$$

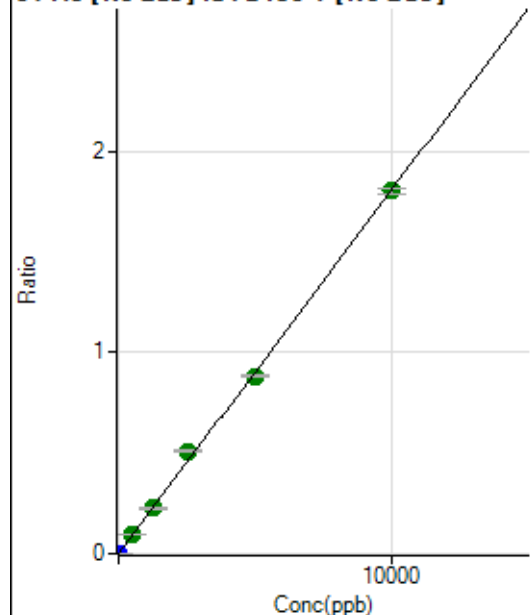
$$DL = 0.04914$$

$$BEC = 0.03204$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377.79	0.0000	P	4.9
2	☐	5.000	5.350	21402.21	0.0010	P	1.8
3	☐	500.000	532.247	1948580.27	0.0962	A	5.4
4	☐	1250.000	1250.330	4902852.89	0.2259	A	1.7
5	☐	2500.000	2814.277	10309634.26	0.5085	A	2.2
6	☐	5000.000	4877.986	18793409.10	0.8814	A	1.1
7	☐	10000.000	9980.784	37568598.41	1.8034	A	1.7
8	☐			13820.75	0.0007	P	4.8

$$y = 1.8069E-004 * x + 1.7492E-005$$

$$R = 0.9993$$

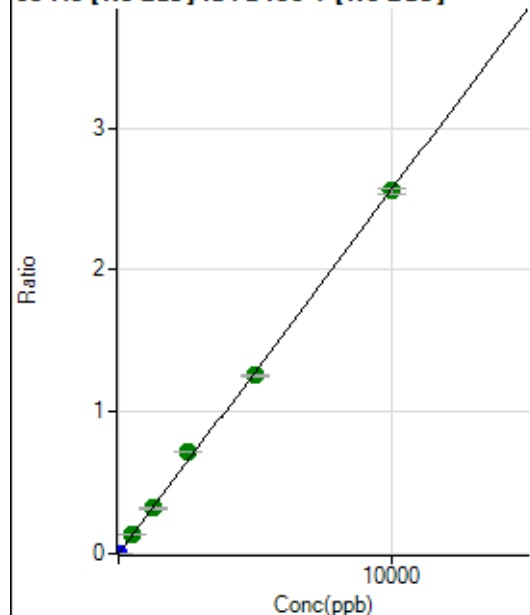
$$DL = 0.01434$$

$$BEC = 0.09681$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.45	0.0000	P	28.7
2	☐	5.000	4.595	25859.59	0.0012	P	1.7
3	☐	500.000	531.837	2761580.94	0.1364	A	6.6
4	☐	1250.000	1248.378	6946566.34	0.3201	A	2.5
5	☐	2500.000	2805.527	14586589.30	0.7194	A	1.6
6	☐	5000.000	4896.969	26773321.95	1.2557	A	0.6
7	☐	10000.000	9973.745	53281673.76	2.5575	A	1.6
8	☐			18790.33	0.0009	P	6.3

$$y = 2.5642E-004 * x + 1.1310E-005$$

$$R = 0.9994$$

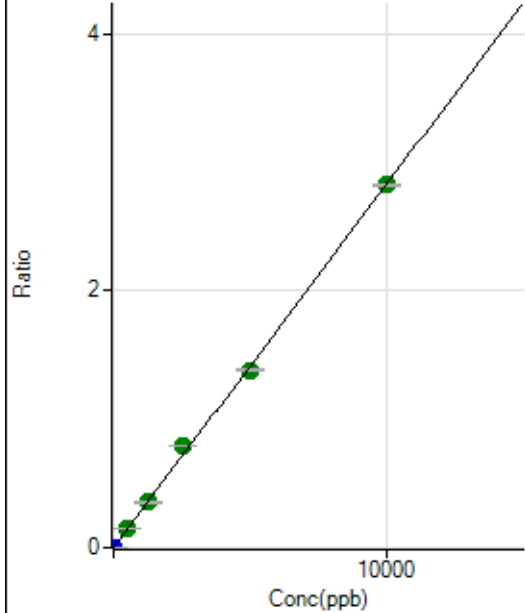
$$DL = 0.03794$$

$$BEC = 0.04411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	327.79	0.0000	P	16.0
2	☐	5.000	4.658	28957.10	0.0013	P	1.8
3	☐	500.000	532.734	3049035.09	0.1506	A	7.4
4	☐	1250.000	1248.015	7656678.90	0.3528	A	1.9
5	☐	2500.000	2800.275	16051618.07	0.7917	A	1.5
6	☐	5000.000	4877.029	29398140.94	1.3788	A	0.8
7	☐	10000.000	9985.028	58811603.40	2.8228	A	0.9
8	☐			29315.99	0.0014	P	2.9

$$y = 2.8270E-004 * x + 1.5169E-005$$

$$R = 0.9994$$

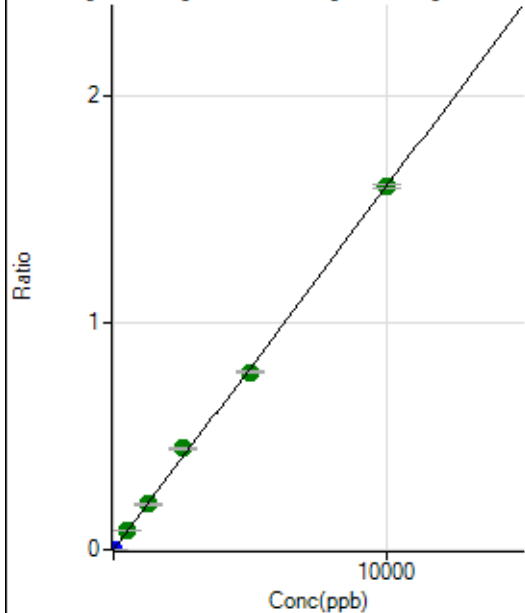
$$DL = 0.02583$$

$$BEC = 0.05366$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	45.3
2	☐	5.000	4.713	16509.72	0.0008	P	2.3
3	☐	500.000	532.653	1726094.45	0.0852	A	5.9
4	☐	1250.000	1247.518	4331067.67	0.1996	A	2.1
5	☐	2500.000	2801.342	9086643.52	0.4482	A	1.7
6	☐	5000.000	4878.007	16639791.00	0.7804	A	1.2
7	☐	10000.000	9984.339	33277480.95	1.5973	A	0.9
8	☐			11360.27	0.0006	P	7.7

$$y = 1.5998E-004 * x + 5.5323E-006$$

$$R = 0.9994$$

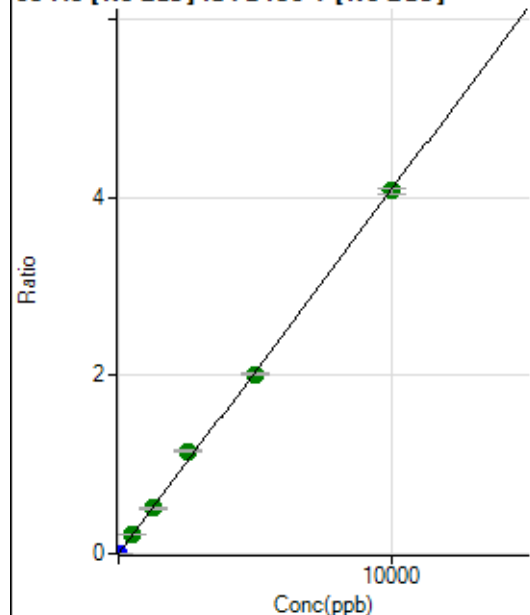
$$DL = 0.04703$$

$$BEC = 0.03458$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	413.91	0.0000	P	10.2
2	☐	5.000	4.681	42044.50	0.0019	P	4.2
3	☐	500.000	533.854	4424374.84	0.2184	A	5.6
4	☐	1250.000	1246.601	11066796.08	0.5100	A	2.3
5	☐	2500.000	2811.073	23316435.24	1.1500	A	1.7
6	☐	5000.000	4913.089	42854935.33	2.0099	A	1.0
7	☐	10000.000	9964.419	84929237.31	4.0763	A	1.6
8	☐			28495.13	0.0014	P	3.9

$$y = 4.0908\text{E-}004 * x + 1.9168\text{E-}005$$

$$R = 0.9994$$

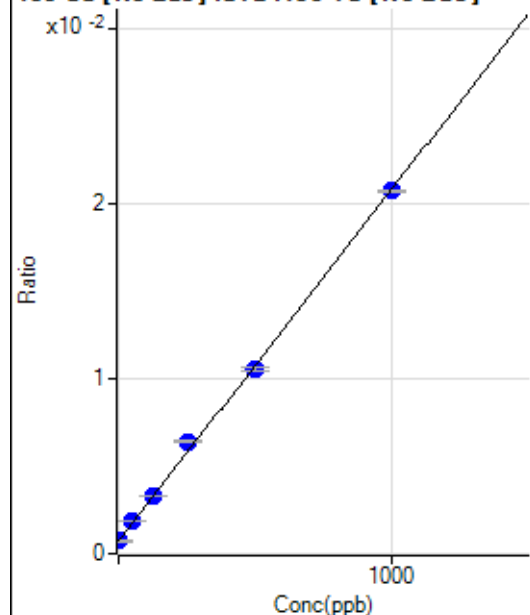
$$DL = 0.0143$$

$$BEC = 0.04686$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10545.76	0.0007	P	1.1
2	☐	1.000	0.023	10615.24	0.0007	P	3.2
3	☐	50.000	56.728	25397.83	0.0019	P	2.6
4	☐	125.000	128.895	49086.51	0.0033	P	0.8
5	☐	250.000	283.528	91164.22	0.0064	P	2.2
6	☐	500.000	489.209	157427.63	0.0105	P	1.3
7	☐	1000.000	996.191	302462.06	0.0207	P	0.6
8	☐			10203.80	0.0007	P	1.3

$$y = 2.0063\text{E-}005 * x + 7.2177\text{E-}004$$

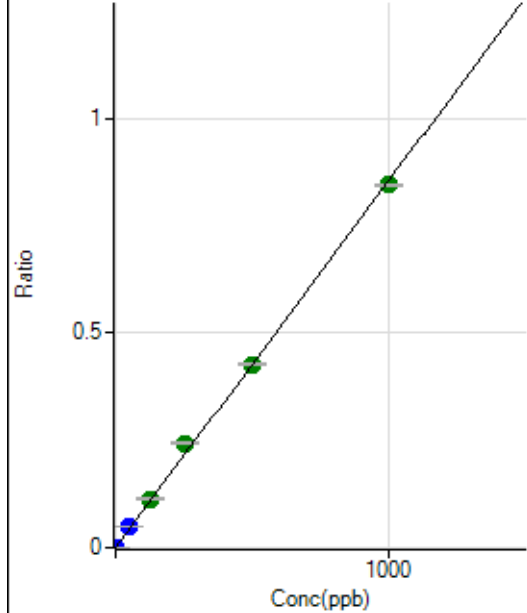
$$R = 0.9993$$

$$DL = 1.185$$

$$BEC = 35.98$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0000	P	17.8
2	☐	1.000	0.792	10070.43	0.0007	P	11.9
3	☐	50.000	56.157	655579.50	0.0480	P	2.9
4	☐	125.000	132.162	1676821.59	0.1130	A	2.8
5	☐	250.000	285.341	3469749.53	0.2440	A	1.7
6	☐	500.000	500.745	6396194.63	0.4281	A	0.5
7	☐	1000.000	989.589	12355843.07	0.8460	A	0.5
8	☐			6195.90	0.0004	P	8.9

$$y = 8.5493\text{E-}004 * x + 8.5576\text{E-}006$$

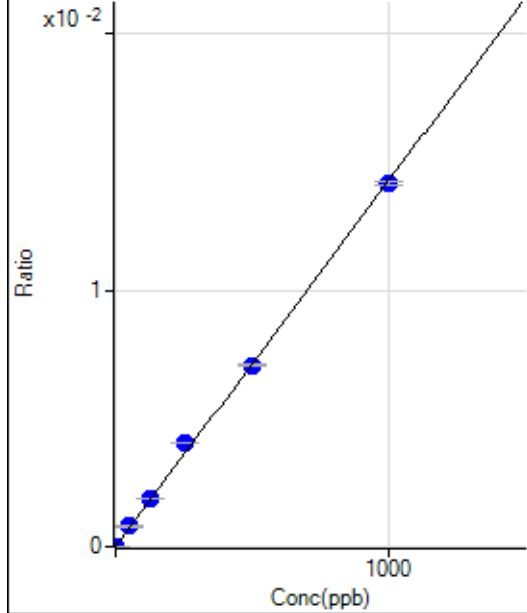
$$R = 0.9993$$

$$DL = 0.00536$$

$$BEC = 0.01001$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.39	0.0000	P	18.3
2	☐	1.000	1.059	248.61	0.0000	P	9.3
3	☐	50.000	55.683	10848.62	0.0008	P	5.4
4	☐	125.000	131.295	27793.47	0.0019	P	2.2
5	☐	250.000	283.885	57572.22	0.0040	P	1.3
6	☐	500.000	496.776	105803.42	0.0071	P	1.9
7	☐	1000.000	992.070	206489.74	0.0141	P	1.1
8	☐			136.12	0.0000	P	15.8

$$y = 1.4251\text{E-}005 * x + 1.8062\text{E-}006$$

$$R = 0.9994$$

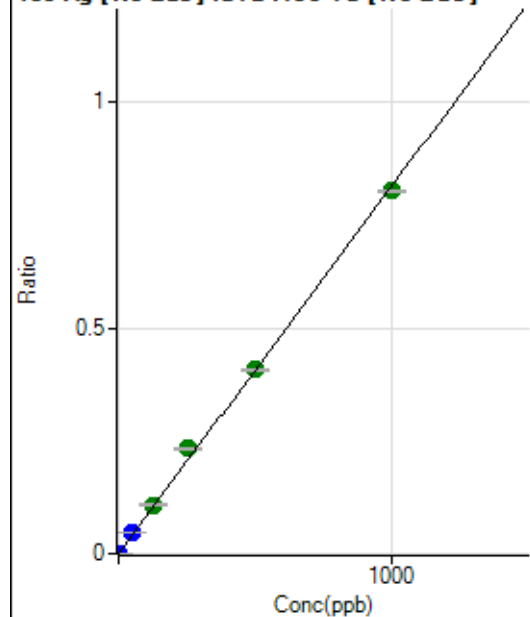
$$DL = 0.06942$$

$$BEC = 0.1267$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	27.1
2	☐	1.000	0.768	9264.32	0.0006	P	9.9
3	☐	50.000	56.037	622712.75	0.0456	P	3.7
4	☐	125.000	133.549	1613426.77	0.1087	A	2.0
5	☐	250.000	287.727	3331237.03	0.2342	A	2.0
6	☐	500.000	501.960	6105147.66	0.4086	A	0.9
7	☐	1000.000	988.218	11748797.92	0.8045	A	0.9
8	☐			5676.26	0.0004	P	4.5

$$y = 8.1408\text{E-}004 * x + 5.3246\text{E-}006$$

$$R = 0.9992$$

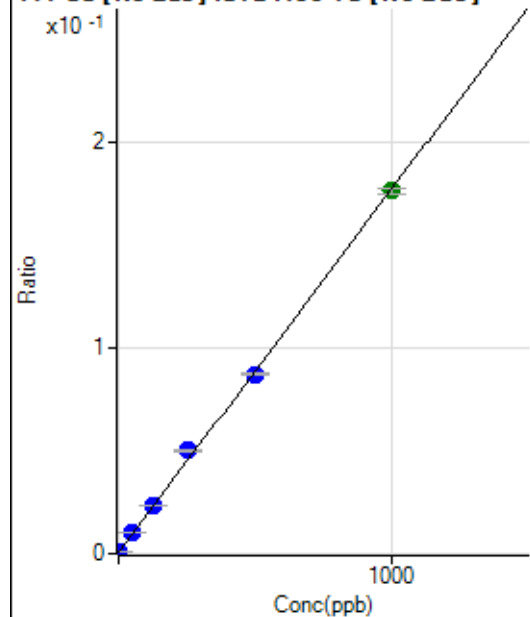
$$DL = 0.005321$$

$$BEC = 0.006541$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7392.72	0.0005	P	1.1
2	☐	1.000	0.946	9897.19	0.0007	P	3.7
3	☐	50.000	55.880	141763.11	0.0104	P	3.4
4	☐	125.000	129.273	346693.75	0.0234	P	1.4
5	☐	250.000	281.890	716029.36	0.0503	P	2.0
6	☐	500.000	491.472	1305802.36	0.0874	P	0.5
7	☐	1000.000	995.464	2577823.80	0.1765	A	1.4
8	☐			8146.05	0.0006	P	0.7

$$y = 1.7681\text{E-}004 * x + 5.0597\text{E-}004$$

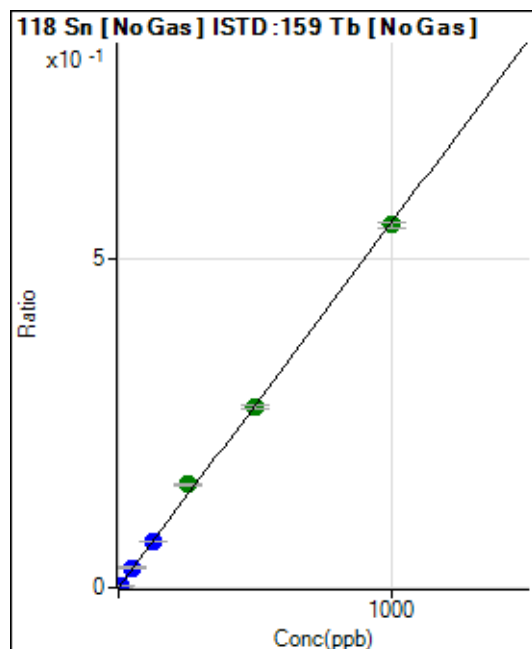
$$R = 0.9994$$

$$DL = 0.09419$$

$$BEC = 2.862$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1719.59	0.0001	P	6.2
2	☐	5.000	4.702	40045.38	0.0027	P	0.7
3	☐	50.000	54.624	414739.38	0.0304	P	5.2
4	☐	125.000	125.807	1036823.78	0.0699	P	2.0
5	☐	250.000	283.297	2235401.23	0.1572	A	2.3
6	☐	500.000	495.627	4107309.51	0.2749	A	1.5
7	☐	1000.000	993.532	8047781.69	0.5510	A	1.3
8	☐			14688.49	0.0010	P	2.0

$$y = 5.5445\text{E-}004 * x + 1.1768\text{E-}004$$

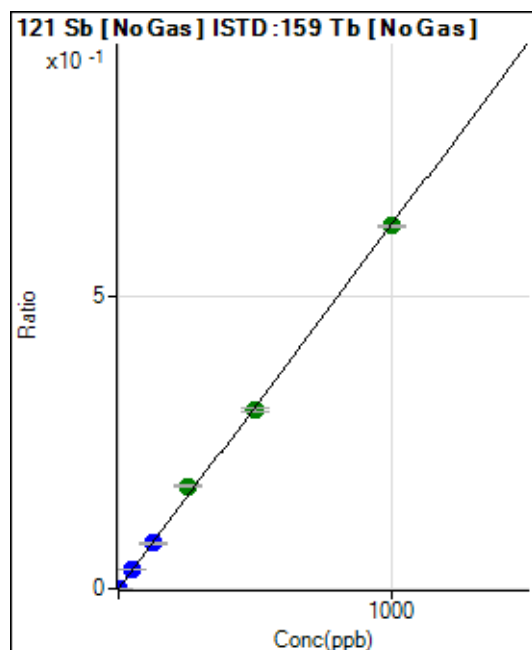
$$R = 0.9994$$

$$DL = 0.03946$$

$$BEC = 0.2122$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0000	P	28.8
2	☐	2.000	1.853	17119.01	0.0012	P	3.5
3	☐	50.000	53.689	457185.19	0.0335	P	4.9
4	☐	125.000	125.562	1162871.03	0.0784	P	2.7
5	☐	250.000	280.472	2489464.85	0.1750	A	1.7
6	☐	500.000	491.239	4580106.00	0.3066	A	1.2
7	☐	1000.000	996.508	9081640.74	0.6219	A	0.8
8	☐			11638.33	0.0008	P	3.0

$$y = 6.2402\text{E-}004 * x + 9.1293\text{E-}006$$

$$R = 0.9994$$

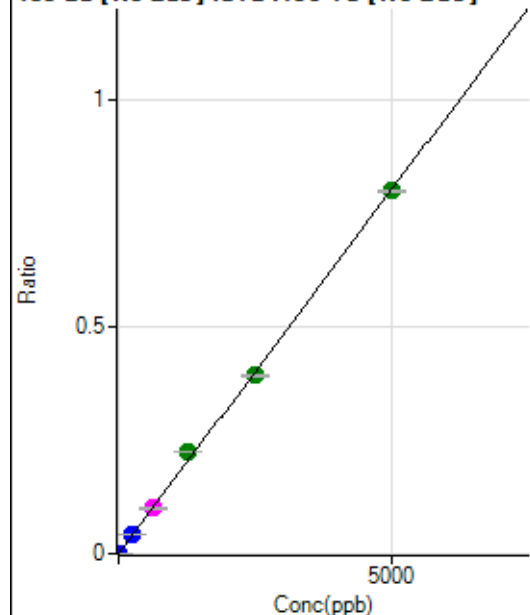
$$DL = 0.01265$$

$$BEC = 0.01463$$

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	86.11	0.0000	P	11.0
2	☐	10.000	8.926	21107.78	0.0014	P	2.0
3	☐	250.000	266.472	582760.25	0.0427	P	5.2
4	☐	625.000	631.436	1502220.69	0.1012	M	3.3
5	☐	1250.000	1399.417	3190739.22	0.2243	A	1.3
6	☐	2500.000	2449.809	5867412.98	0.3927	A	1.6
7	☐	5000.000	4986.116	11674999.13	0.7993	A	0.5
8	☐			5453.97	0.0004	P	8.0

$$y = 1.6030E-004 * x + 5.8929E-006$$

$$R = 0.9994$$

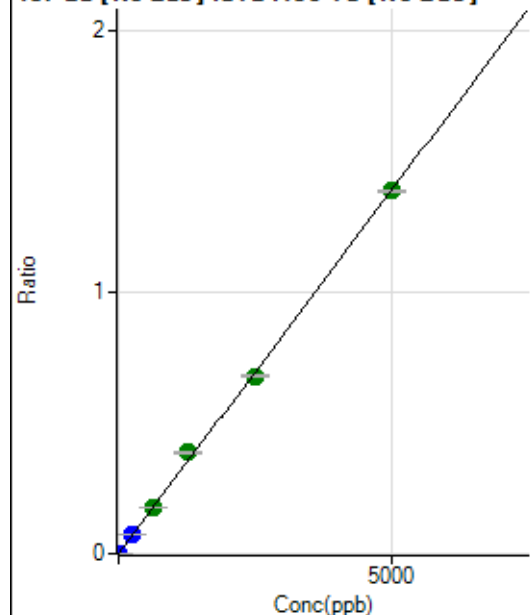
$$DL = 0.01214$$

$$BEC = 0.03676$$

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	136.12	0.0000	P	21.7
2	☐	10.000	8.994	36820.63	0.0025	P	3.2
3	☐	250.000	265.510	1005842.15	0.0737	P	4.9
4	☐	625.000	634.257	2613502.08	0.1761	A	1.6
5	☐	1250.000	1397.266	5518244.74	0.3880	A	1.4
6	☐	2500.000	2438.027	10114167.07	0.6769	A	1.2
7	☐	5000.000	4992.240	20245808.61	1.3861	A	0.7
8	☐			9742.50	0.0007	P	2.6

$$y = 2.7766E-004 * x + 9.3188E-006$$

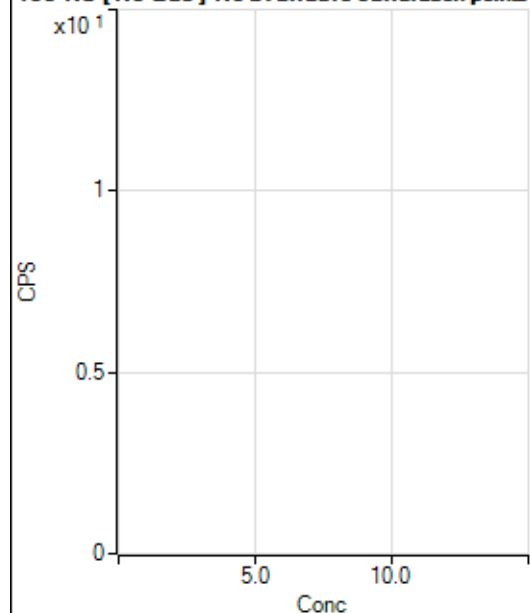
$$R = 0.9994$$

$$DL = 0.02186$$

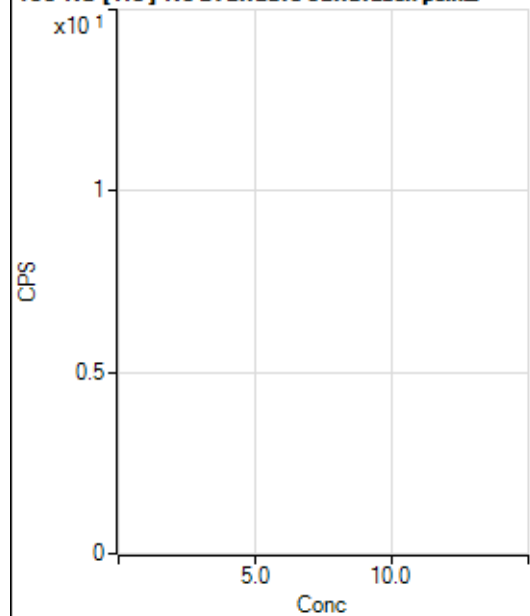
$$BEC = 0.03356$$

Weight: <None>

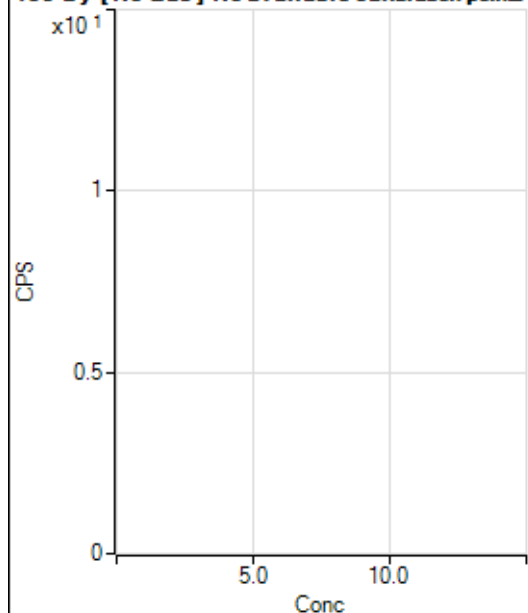
Min Conc: 0

150 Nd [No Gas] No available calibration points

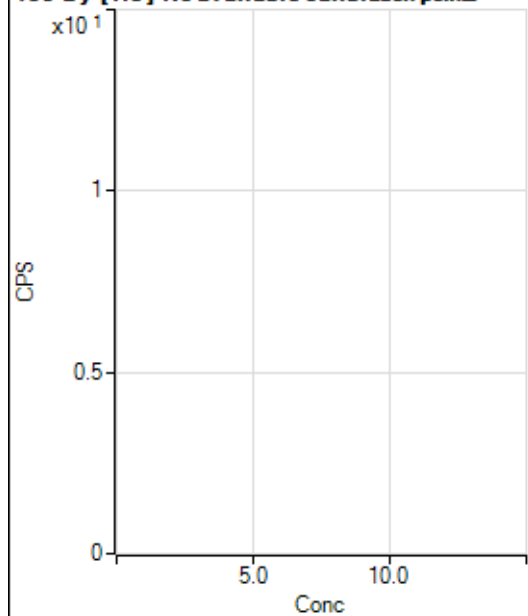
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			8.89		P	86.6
3	☐			124.45		P	8.2
4	☐			204.45		P	13.6
5	☐			404.46		P	15.8
6	☐			731.15		P	16.4
7	☐			1560.12		P	7.5
8	☐			113.34		P	10.2

150 Nd [He] No available calibration points

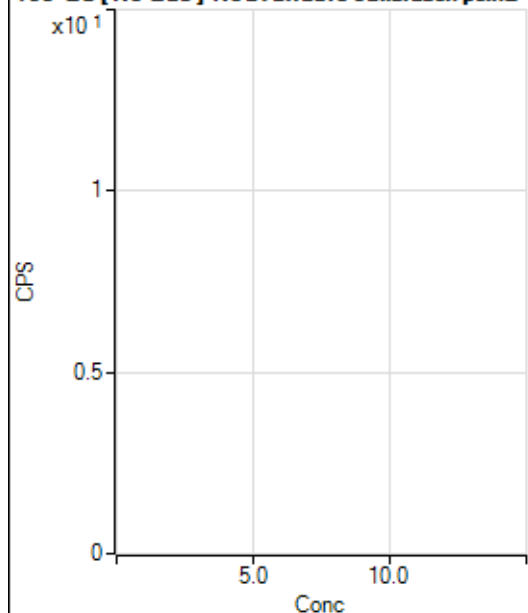
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	173.
3	☐			17.78		P	28.6
4	☐			42.22		P	12.1
5	☐			95.56		P	5.3
6	☐			122.22		P	8.8
7	☐			375.57		P	17.9
8	☐			56.67		P	17.6

156 Dy [No Gas] No available calibration points

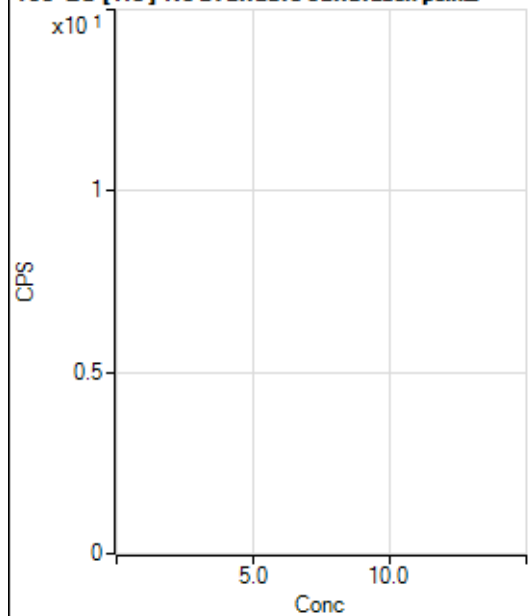
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			13.89		P	91.6
3	☐			30.56		P	41.7
4	☐			77.78		P	12.4
5	☐			180.56		P	21.3
6	☐			344.46		P	14.2
7	☐			663.93		P	17.6
8	☐			1539.02		P	3.3

156 Dy [He] No available calibration points

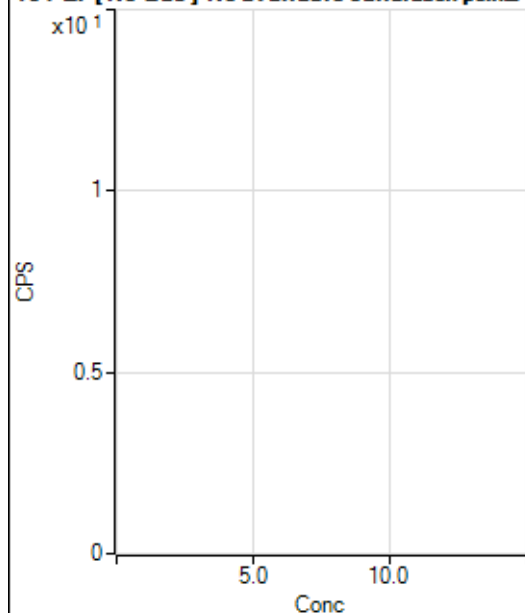
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			10.00		P	33.3
3	☐			46.67		P	12.4
4	☐			84.44		P	25.7
5	☐			174.45		P	2.2
6	☐			351.12		P	16.2
7	☐			731.14		P	12.0
8	☐			966.71		P	4.4

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

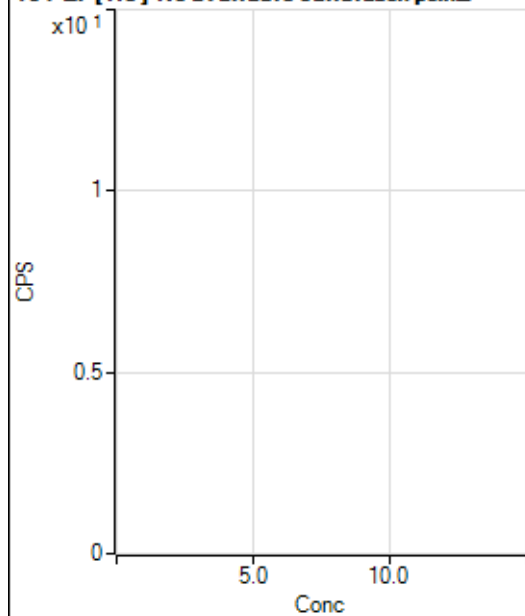
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			169.45		P	32.7
2	☐			72.22		P	17.6
3	☐			102.78		P	9.4
4	☐			141.67		P	21.2
5	☐			166.67		P	21.8
6	☐			213.90		P	25.9
7	☐			400.02		P	2.1
8	☐			1208.42		P	4.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			500.01		P	4.1
2	☐			472.23		P	4.1
3	☐			511.13		P	4.7
4	☐			510.01		P	11.4
5	☐			498.90		P	5.2
6	☐			543.35		P	11.7
7	☐			701.14		P	1.5
8	☐			1170.06		P	2.5

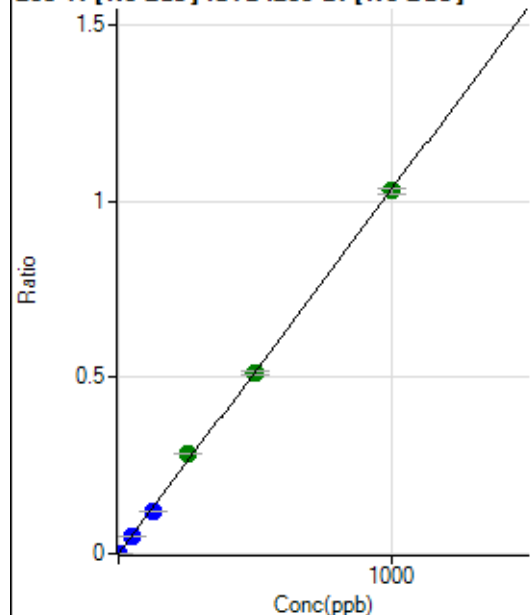
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	11.1
2	☐			44.45		P	10.8
3	☐			69.45		P	6.9
4	☐			72.22		P	24.0
5	☐			102.78		P	24.8
6	☐			113.89		P	18.4
7	☐			277.79		P	16.5
8	☐			175.01		P	12.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	14.3
2	☐			45.56		P	11.2
3	☐			33.33		P	30.0
4	☐			36.67		P	18.2
5	☐			64.45		P	16.6
6	☐			55.55		P	28.4
7	☐			186.67		P	4.7
8	☐			122.23		P	22.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0000	P	9.9
2	☐	1.000	0.879	8538.99	0.0009	P	2.5
3	☐	50.000	48.564	434745.79	0.0503	P	5.1
4	☐	125.000	116.987	1115097.20	0.1210	P	2.0
5	☐	250.000	276.152	2477852.94	0.2857	A	0.6
6	☐	500.000	496.558	4598998.37	0.5137	A	1.4
7	☐	1000.000	996.256	8956773.72	1.0306	A	1.6
8	☐			2325.27	0.0003	P	1.6

$$y = 0.0010 * x + 2.2039E-005$$

$$R = 0.9995$$

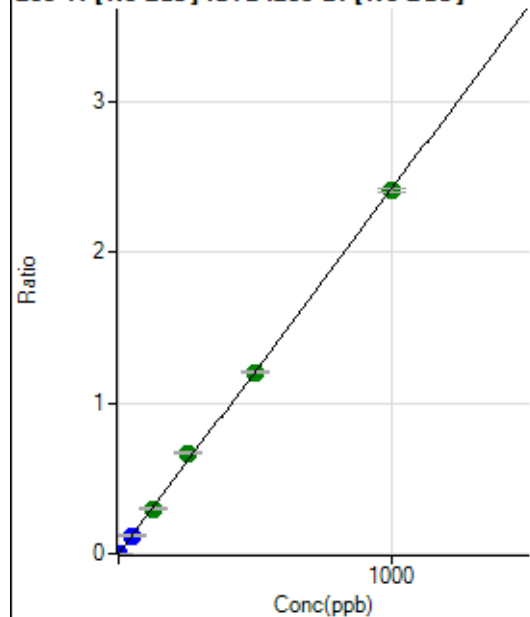
$$DL = 0.006305$$

$$BEC = 0.02131$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	522.25	0.0001	P	23.5
2	☐	1.000	0.850	19386.41	0.0021	P	2.6
3	☐	50.000	49.177	1030547.97	0.1191	P	5.4
4	☐	125.000	123.645	2759316.36	0.2995	A	1.6
5	☐	250.000	276.325	5803265.06	0.6692	A	1.7
6	☐	500.000	497.066	10780397.38	1.2038	A	1.1
7	☐	1000.000	995.096	20946519.39	2.4099	A	1.1
8	☐			5351.20	0.0007	P	7.9

$$y = 0.0024 * x + 5.6814E-005$$

$$R = 0.9996$$

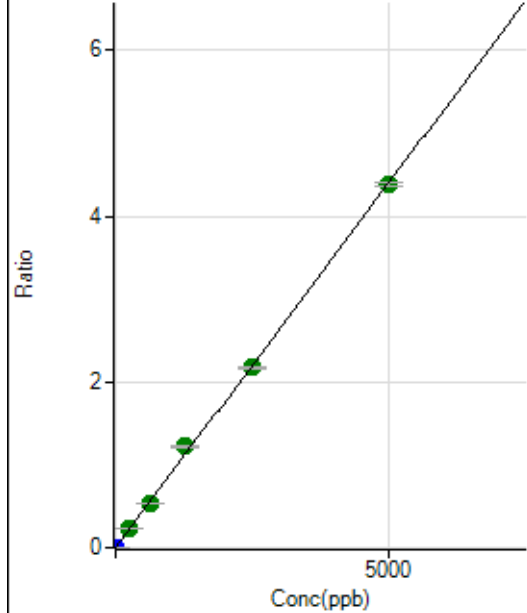
$$DL = 0.01651$$

$$BEC = 0.02346$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	846.34	0.0001	P	13.0
2	☐	1.000	0.817	7424.36	0.0008	P	2.3
3	☐	250.000	257.034	1955195.65	0.2260	A	4.9
4	☐	625.000	614.418	4976371.81	0.5401	A	0.9
5	☐	1250.000	1390.839	10601118.53	1.2225	A	1.8
6	☐	2500.000	2475.457	19481538.86	2.1759	A	0.7
7	☐	5000.000	4978.033	38033545.76	4.3754	A	1.1
8	☐			8966.05	0.0012	P	6.8

$$y = 8.7893\text{E-}004 * x + 9.1970\text{E-}005$$

$$R = 0.9995$$

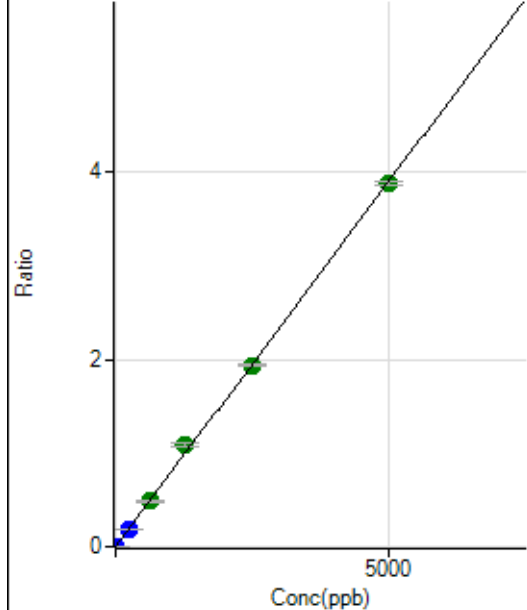
$$DL = 0.04082$$

$$BEC = 0.1046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	759.29	0.0001	P	10.4
2	☐	1.000	0.766	6236.72	0.0007	P	5.2
3	☐	250.000	235.535	1588716.35	0.1836	P	4.5
4	☐	625.000	620.260	4453830.37	0.4834	A	1.8
5	☐	1250.000	1396.072	9433562.02	1.0880	A	2.0
6	☐	2500.000	2486.803	17349536.15	1.9379	A	1.5
7	☐	5000.000	4971.396	33677599.60	3.8740	A	1.1
8	☐			7643.03	0.0010	P	3.0

$$y = 7.7925\text{E-}004 * x + 8.2570\text{E-}005$$

$$R = 0.9995$$

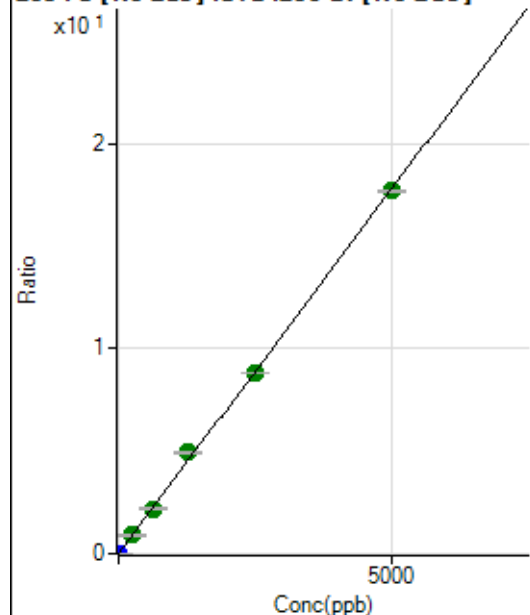
$$DL = 0.03291$$

$$BEC = 0.106$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3472.47	0.0004	P	2.6
2	☐	1.000	0.799	29490.87	0.0032	P	1.8
3	☐	250.000	254.881	7839330.59	0.9061	A	4.5
4	☐	625.000	617.675	20224765.50	2.1952	A	1.7
5	☐	1250.000	1389.455	42813628.97	4.9376	A	1.9
6	☐	2500.000	2478.632	78861579.65	8.8078	A	0.7
7	☐	5000.000	4976.492	153731220.33	17.6835	A	0.9
8	☐			35934.21	0.0046	P	4.9

$$y = 0.0036 * x + 3.7747E-004$$

$$R = 0.9995$$

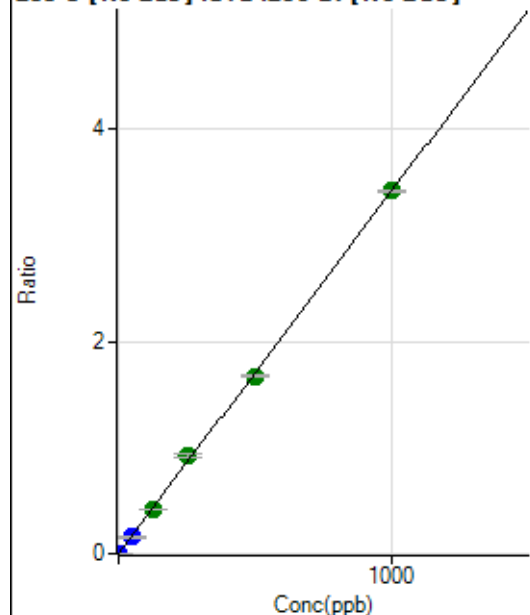
$$DL = 0.008379$$

$$BEC = 0.1062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.80	0.0001	P	11.7
2	☐	1.000	0.793	25305.61	0.0028	P	2.3
3	☐	50.000	45.412	1342080.97	0.1551	P	4.0
4	☐	125.000	122.331	3848010.37	0.4177	A	3.1
5	☐	250.000	270.948	8020831.43	0.9250	A	2.4
6	☐	500.000	489.071	14950146.77	1.6697	A	1.0
7	☐	1000.000	1000.791	29705870.45	3.4167	A	0.7
8	☐			3161.60	0.0004	P	16.3

$$y = 0.0034 * x + 5.1961E-005$$

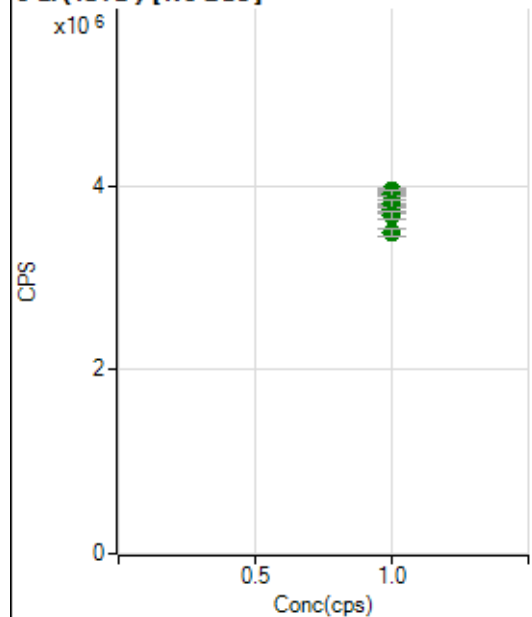
$$R = 0.9996$$

$$DL = 0.00532$$

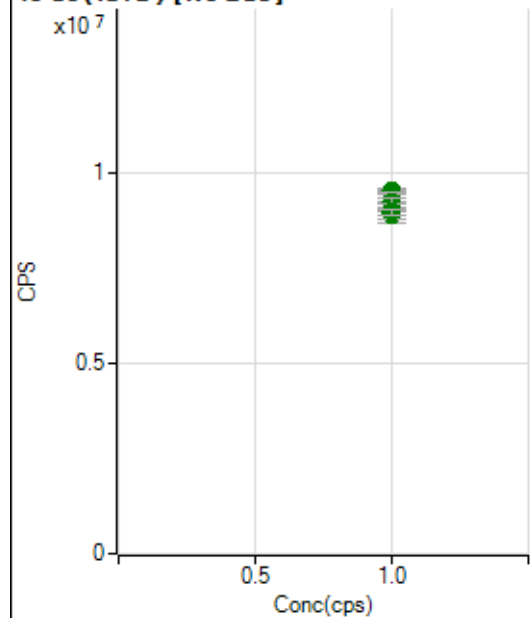
$$BEC = 0.01522$$

Weight: <None>

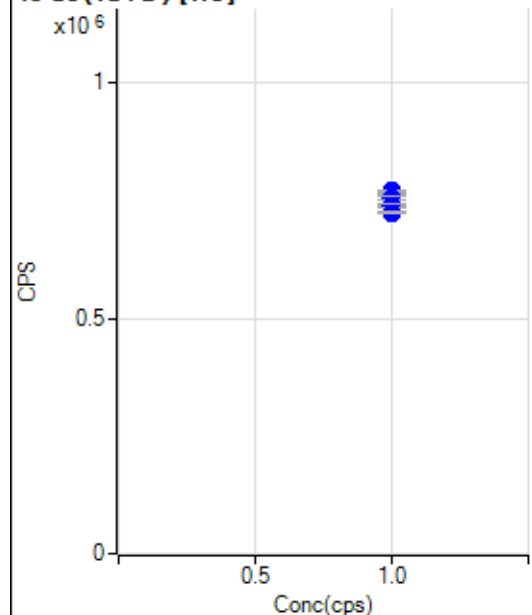
Min Conc: 0

6 Li (ISTD) [No Gas]

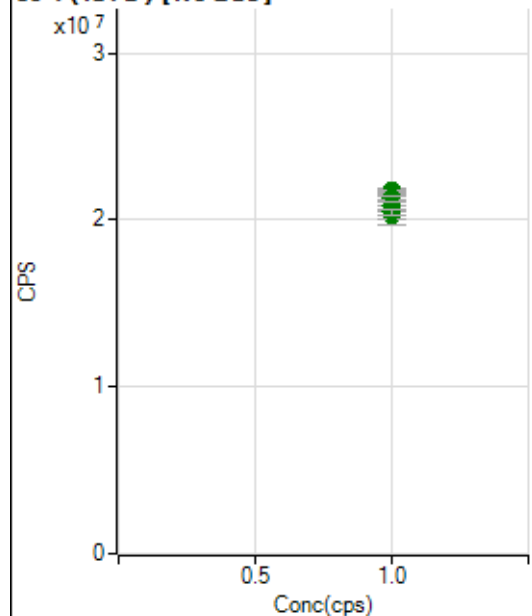
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3927988.03		A	0.6
2	☐	1.000		3949069.60		A	1.4
3	☐	1.000		3722807.79		A	4.4
4	☐	1.000		3923652.47		A	1.3
5	☐	1.000		3752896.26		A	2.2
6	☐	1.000		3811162.62		A	1.9
7	☐	1.000		3684744.53		A	2.0
8	☐	1.000		3499395.88		A	2.1

45 Sc (ISTD) [No Gas]

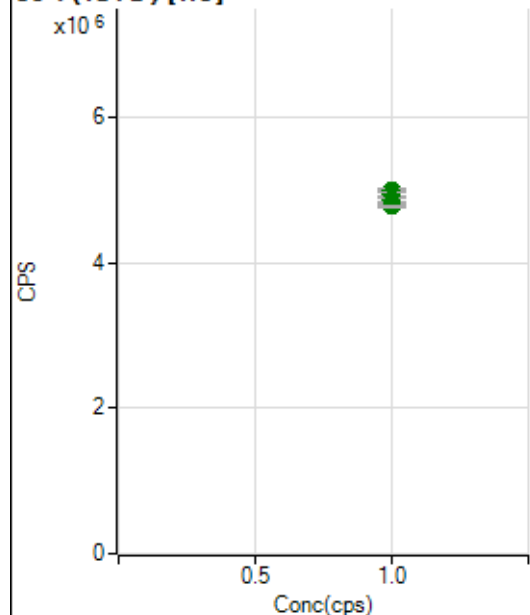
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9531519.16		A	0.5
2	☐	1.000		9524783.19		A	1.3
3	☐	1.000		8961499.73		A	6.3
4	☐	1.000		9483451.11		A	0.7
5	☐	1.000		8884913.27		A	2.2
6	☐	1.000		9250538.54		A	1.6
7	☐	1.000		8978792.92		A	2.3
8	☐	1.000		8973551.81		A	1.8

45 Sc (ISTD) [He]

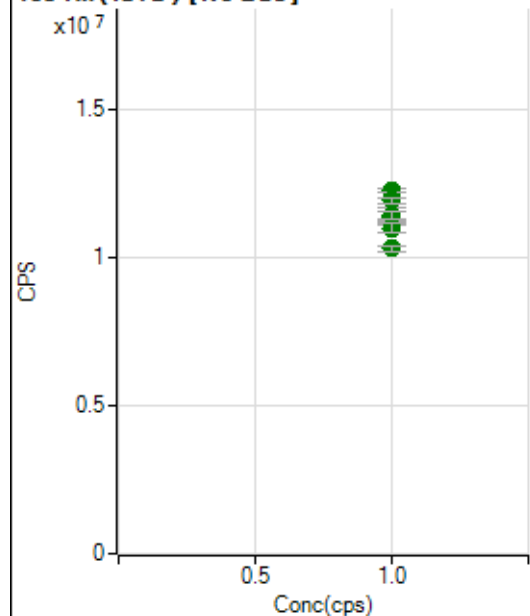
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		762254.22		P	0.7
2	☐	1.000		767226.10		P	0.8
3	☐	1.000		770156.69		P	0.5
4	☐	1.000		754437.16		P	1.2
5	☐	1.000		738830.26		P	0.6
6	☐	1.000		739806.01		P	0.7
7	☐	1.000		737132.86		P	1.0
8	☐	1.000		723602.78		P	0.3

89 Y (ISTD) [No Gas]

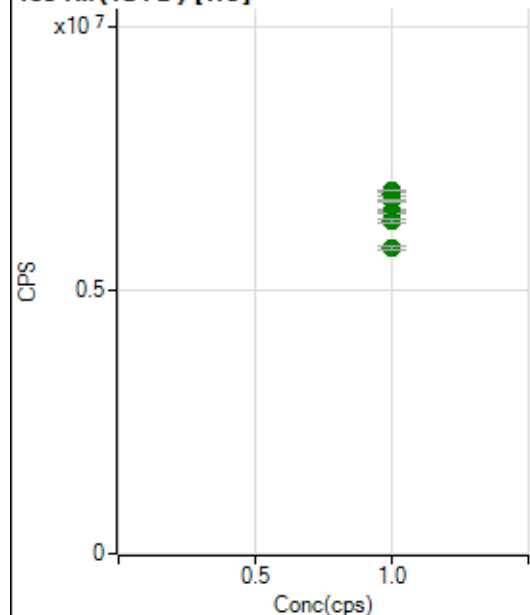
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21597318.71		A	0.6
2	☐	1.000		21743096.34		A	1.5
3	☐	1.000		20301331.23		A	5.9
4	☐	1.000		21700972.18		A	0.3
5	☐	1.000		20280725.39		A	2.5
6	☐	1.000		21321532.18		A	0.7
7	☐	1.000		20833477.88		A	2.4
8	☐	1.000		20472888.17		A	1.7

89 Y(ISTD) [He]

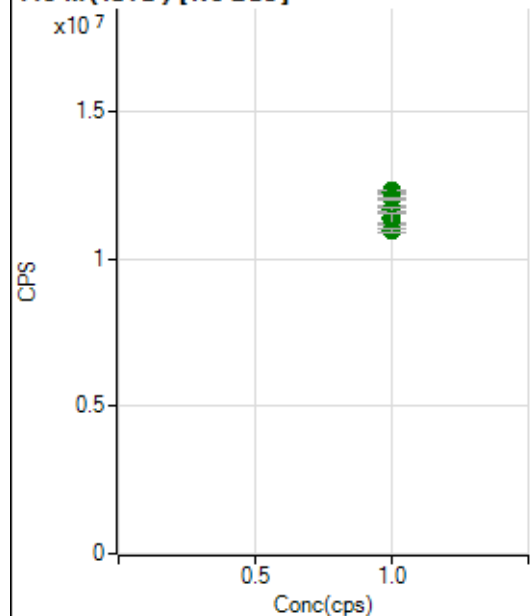
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4994563.19		A	0.7
2	☐	1.000		4994954.51		A	1.0
3	☐	1.000		4946385.34		A	0.8
4	☐	1.000		4865560.03		A	1.2
5	☐	1.000		4807807.50		A	0.5
6	☐	1.000		4799221.84		A	0.3
7	☐	1.000		4805400.21		A	0.7
8	☐	1.000		4787174.61		A	0.6

103 Rh(ISTD) [No Gas]

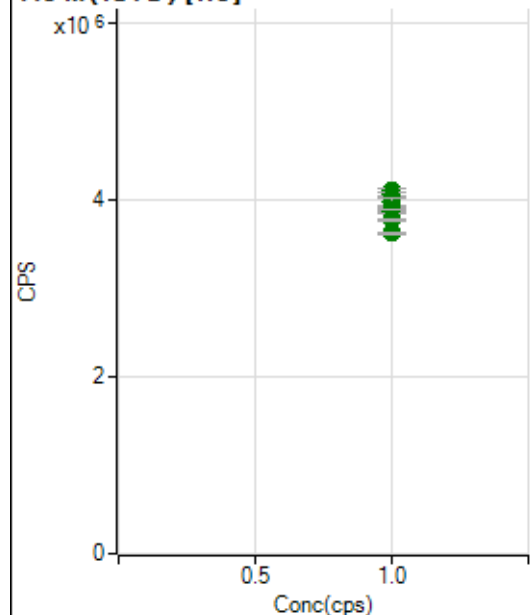
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12250433.57		A	1.0
2	☐	1.000		12208477.45		A	0.4
3	☐	1.000		11383932.75		A	5.2
4	☐	1.000		11923014.68		A	1.6
5	☐	1.000		11155081.50		A	0.9
6	☐	1.000		11409764.83		A	2.2
7	☐	1.000		10984520.81		A	2.8
8	☐	1.000		10293224.29		A	1.5

103 Rh (ISTD) [He]

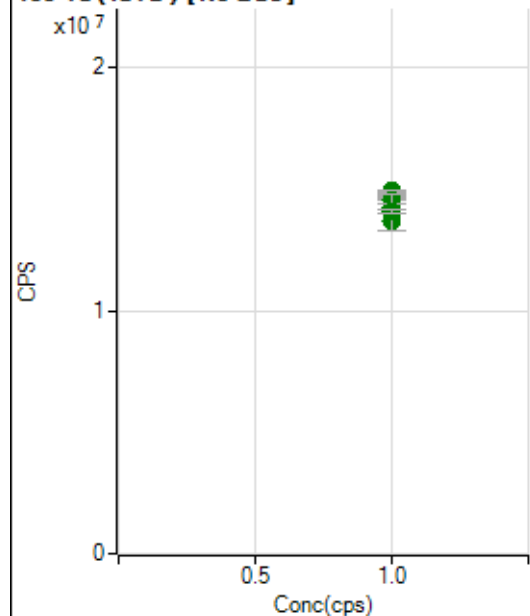
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6865299.90		A	0.4
2	☐	1.000		6882195.73		A	0.8
3	☐	1.000		6837625.73		A	1.2
4	☐	1.000		6702839.00		A	0.5
5	☐	1.000		6507726.99		A	0.5
6	☐	1.000		6459916.92		A	0.2
7	☐	1.000		6305093.94		A	1.0
8	☐	1.000		5800049.50		A	0.8

115 In (ISTD) [No Gas]

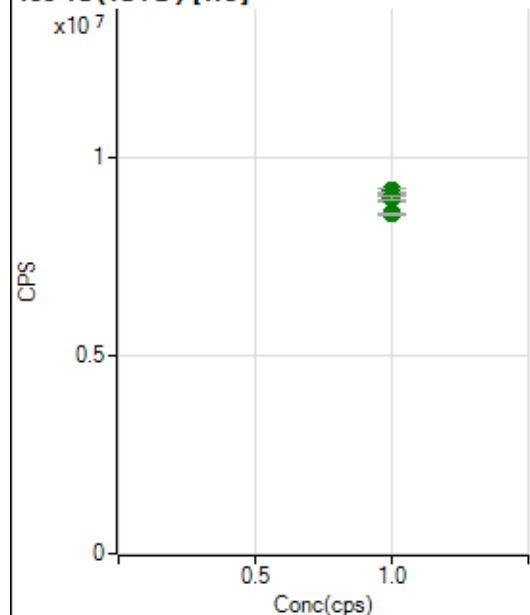
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12325685.40		A	0.5
2	☐	1.000		12283932.07		A	1.3
3	☐	1.000		11427284.37		A	6.5
4	☐	1.000		12065021.70		A	0.6
5	☐	1.000		11394160.86		A	2.7
6	☐	1.000		11723107.37		A	1.1
7	☐	1.000		11390062.22		A	3.4
8	☐	1.000		10965758.98		A	1.1

115 In (ISTD) [He]

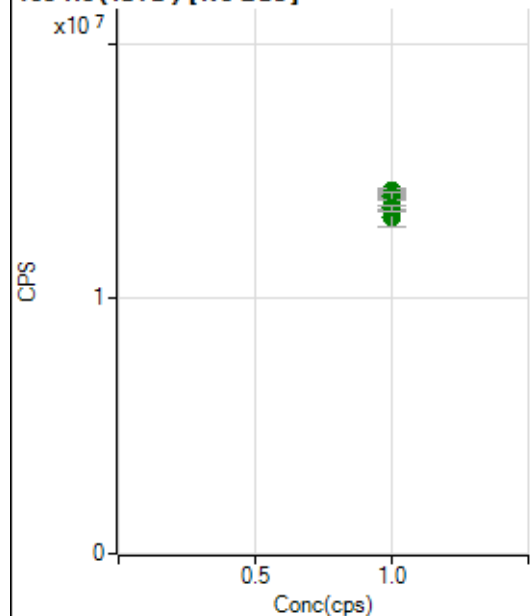
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4102311.50		A	1.0
2	☐	1.000		4071778.71		A	1.0
3	☐	1.000		4022598.62		A	0.3
4	☐	1.000		3978549.92		A	1.8
5	☐	1.000		3882264.91		A	1.2
6	☐	1.000		3865959.85		A	0.9
7	☐	1.000		3776869.88		A	0.7
8	☐	1.000		3621915.06		A	0.3

159 Tb (ISTD) [No Gas]

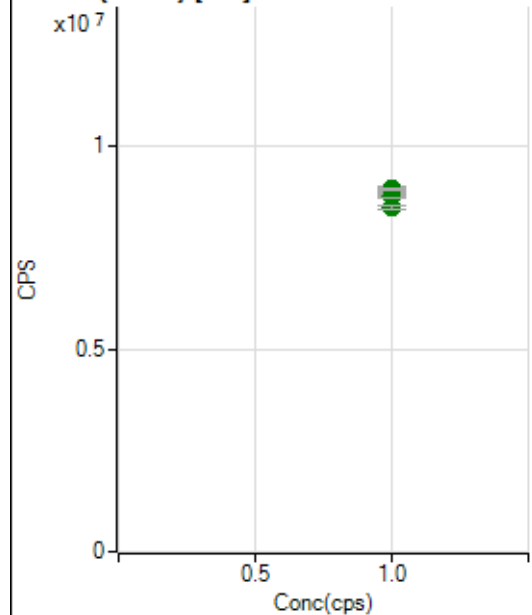
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14611090.90		A	0.2
2	☐	1.000		14695437.14		A	1.8
3	☐	1.000		13665937.99		A	5.3
4	☐	1.000		14839894.78		A	1.1
5	☐	1.000		14226005.76		A	2.5
6	☐	1.000		14940207.69		A	0.7
7	☐	1.000		14605676.59		A	2.6
8	☐	1.000		14121493.12		A	1.3

159 Tb (ISTD) [He]

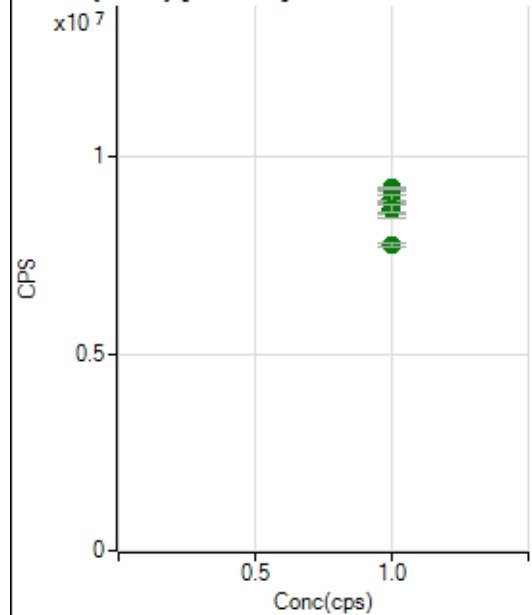
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8990865.56		A	1.7
2	☐	1.000		9107233.06		A	0.1
3	☐	1.000		9177371.32		A	0.9
4	☐	1.000		9074398.20		A	0.8
5	☐	1.000		8995296.95		A	1.0
6	☐	1.000		9118561.74		A	0.6
7	☐	1.000		9009035.56		A	1.3
8	☐	1.000		8604566.40		A	0.5

165 Ho (ISTD) [No Gas]

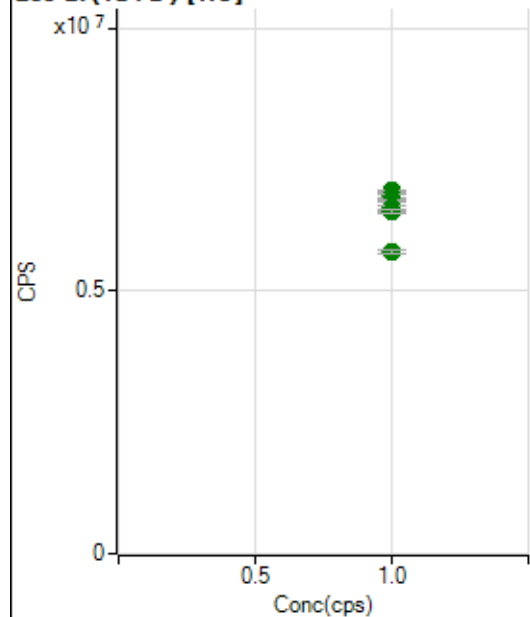
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14098575.07		A	1.5
2	☐	1.000		14092621.32		A	0.7
3	☐	1.000		13171103.00		A	4.8
4	☐	1.000		14237163.12		A	0.4
5	☐	1.000		13660164.38		A	2.9
6	☐	1.000		14222637.29		A	1.6
7	☐	1.000		14033405.21		A	1.8
8	☐	1.000		13567022.44		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8812812.09		A	0.4
2	☐	1.000		8868304.38		A	0.5
3	☐	1.000		8934446.74		A	1.2
4	☐	1.000		8877009.80		A	0.5
5	☐	1.000		8796443.34		A	1.4
6	☐	1.000		8957468.41		A	1.6
7	☐	1.000		8953299.94		A	0.7
8	☐	1.000		8494116.82		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9198633.34		A	0.5
2	☐	1.000		9171293.27		A	0.9
3	☐	1.000		8666303.97		A	5.5
4	☐	1.000		9213805.21		A	0.9
5	☐	1.000		8674635.63		A	3.3
6	☐	1.000		8954231.12		A	1.9
7	☐	1.000		8693560.84		A	2.6
8	☐	1.000		7775515.65		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6802998.78		A	0.8
2	☐	1.000		6834418.02		A	0.1
3	☐	1.000		6904956.70		A	0.3
4	☐	1.000		6796519.27		A	1.0
5	☐	1.000		6718932.05		A	0.2
6	☐	1.000		6579165.60		A	1.7
7	☐	1.000		6507017.40		A	0.8
8	☐	1.000		5736869.43		A	1.1