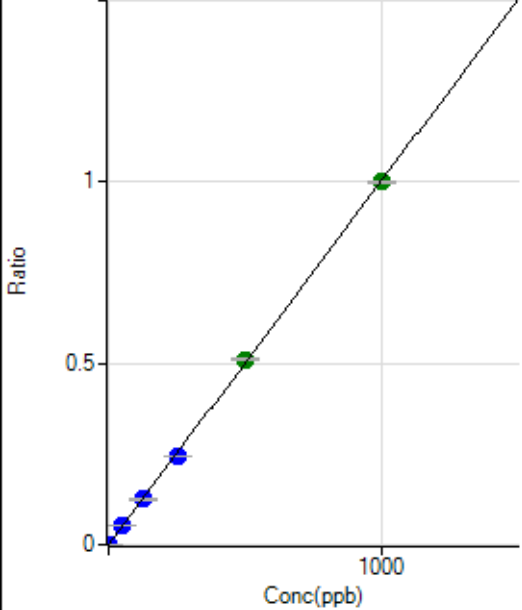


Calibration for 006CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7112724-MS3.b\
 Analysis File: P7112724-MS3.batch.bin
 DA Date-Time: 2024-12-02 14:12:30
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2024-11-27 16:10:16
2	008CALS.d	S02	2024-11-27 16:16:54
3	009CALS.d	S03	2024-11-27 16:20:12
4	010CALS.d	S04	2024-11-27 16:23:11
5	011CALS.d	S05	2024-11-27 16:25:58
6	012CALS.d	S06	2024-11-27 16:28:44
7	013CALS.d	S07	2024-11-27 16:31:28
8	014CALS.d	S08	2024-11-27 16:34:14

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	109.26	0.0000	P	5.1
2	☐	1.000	1.075	2707.69	0.0011	P	2.4
3	☐	50.000	52.337	122127.53	0.0526	P	0.6
4	☐	125.000	124.473	306712.85	0.1250	P	0.8
5	☐	250.000	242.484	583002.85	0.2434	P	0.9
6	☐	500.000	509.637	1223903.74	0.5115	A	0.2
7	☐	1000.000	997.010	2400511.28	1.0007	A	0.3
8	☐			488.90	0.0002	P	5.9

$y = 0.0010 * x + 4.6273E-005$

$R = 0.9999$

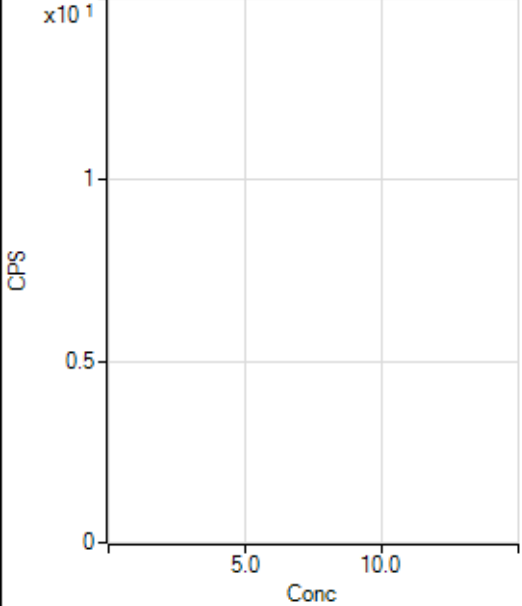
$DL = 0.007029$

$BEC = 0.0461$

Weight: <None>

Min Conc: 0

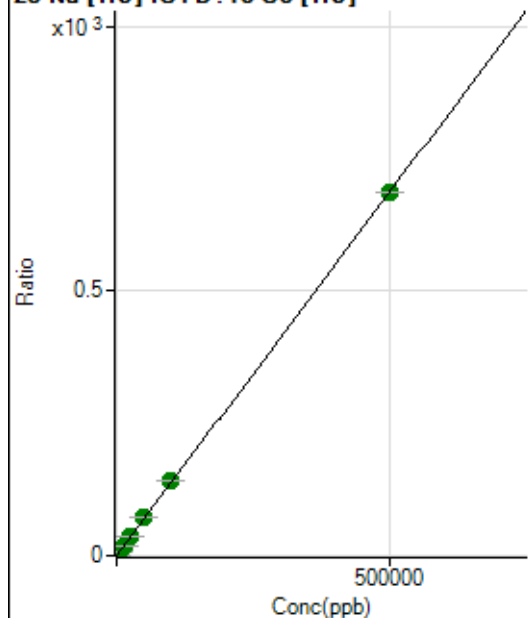
12 C [No Gas] No available calibration points



	Rj 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	38704.07	0.0379	P	0.8
2	☐	500.000	479.011	701564.18	0.6958	P	0.5
3	☐	5000.000	5346.215	6911791.91	7.3812	A	1.2
4	☐	12500.000	12963.505	16340927.67	17.8439	A	1.1
5	☐	25000.000	25763.167	30455878.43	35.4249	A	0.6
6	☐	50000.000	52494.208	62376571.29	72.1414	A	0.3
7	☐	100000.00	102971.65	125650572.57	141.4747	A	0.4
8	☐	500000.00	499103.06	637917141.60	685.5814	A	0.2

$$y = 0.0014 * x + 0.0379$$

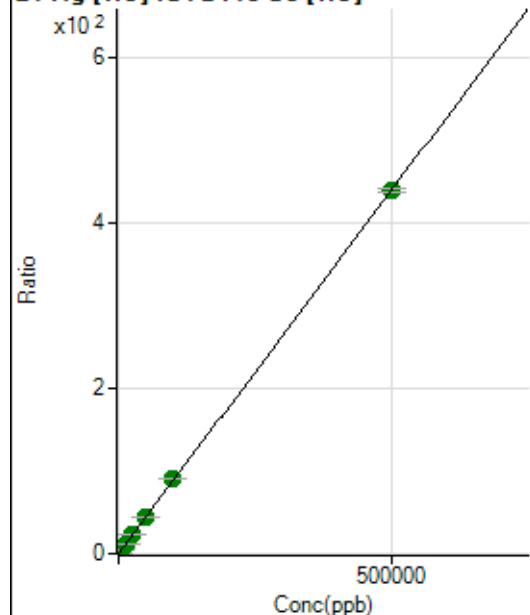
$$R = 1.0000$$

$$DL = 0.7003$$

$$BEC = 27.59$$

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	2149.78	0.0021	P	2.4
2	☐	500.000	487.941	434532.28	0.4310	P	0.6
3	☐	5000.000	5296.450	4361423.21	4.6575	A	1.0
4	☐	12500.000	12758.809	10271737.81	11.2166	A	0.7
5	☐	25000.000	25623.015	19364173.92	22.5236	A	0.4
6	☐	50000.000	51459.950	39110257.83	45.2332	A	0.1
7	☐	100000.00	103542.30	80832729.84	91.0114	A	0.6
8	☐	500000.00	499104.97	408195452.60	438.6941	A	1.0

$$y = 8.7896E-004 * x + 0.0021$$

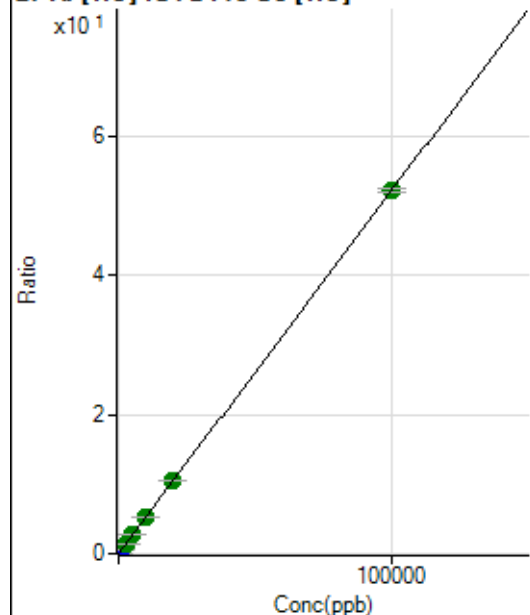
$$R = 1.0000$$

$$DL = 0.175$$

$$BEC = 2.395$$

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	256.67	0.0003	P	3.7
2	☐	20.000	18.686	10066.72	0.0100	P	0.7
3	☐	1000.000	1033.204	504194.61	0.5384	P	0.6
4	☐	2500.000	2542.788	1213109.58	1.3247	A	1.1
5	☐	5000.000	5080.032	2275041.20	2.6463	A	0.5
6	☐	10000.000	10193.627	4590909.20	5.3097	A	0.7
7	☐	20000.000	20127.610	9311461.60	10.4840	A	0.5
8	☐	100000.00	99949.712	48440981.50	52.0603	A	1.2

$$y = 5.2086E-004 * x + 2.5131E-004$$

$$R = 1.0000$$

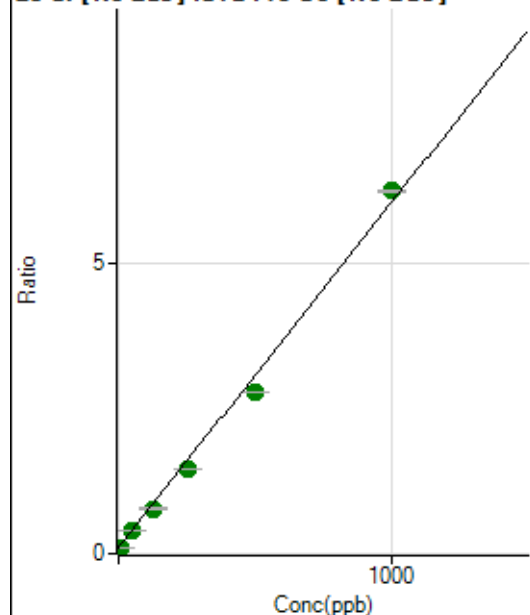
$$DL = 0.0534$$

$$BEC = 0.4825$$

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	1266023.27	0.1070	A	1.2
2	☐	10.000	0.652	1304339.18	0.1109	A	2.6
3	☐	50.000	47.817	4272630.42	0.3912	A	0.9
4	☐	125.000	112.306	8396253.55	0.7745	A	1.4
5	☐	250.000	225.674	14507237.98	1.4483	A	0.4
6	☐	500.000	448.477	27635895.14	2.7725	A	0.4
7	☐	1000.000	1033.632	63824711.27	6.2504	A	0.5
8	☐			1279268.00	0.1234	A	2.0

$$y = 0.0059 * x + 0.1070$$

$$R = 0.9979$$

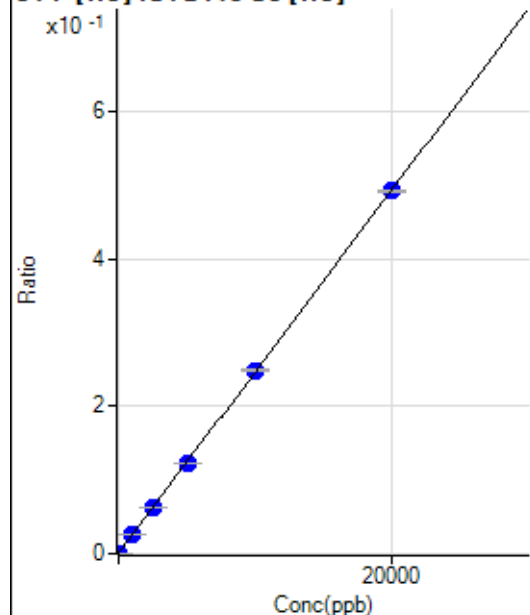
$$DL = 0.6487$$

$$BEC = 18.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.979	301.12	0.0003	P	8.0
2	☐	0.000	16.979	1141.17	0.0011	P	3.8
3	☐	1000.000	1065.030	25245.32	0.0270	P	2.4
4	☐	2500.000	2518.113	57488.50	0.0628	P	1.3
5	☐	5000.000	4933.428	105151.07	0.1223	P	0.3
6	☐	10000.000	10077.897	215377.61	0.2491	P	0.5
7	☐	20000.000	19972.179	437818.11	0.4930	P	0.7
8	☐			508.90	0.0005	P	10.1

$$y = 2.4647E-005 * x + 7.1327E-004$$

$$R = 1.0000$$

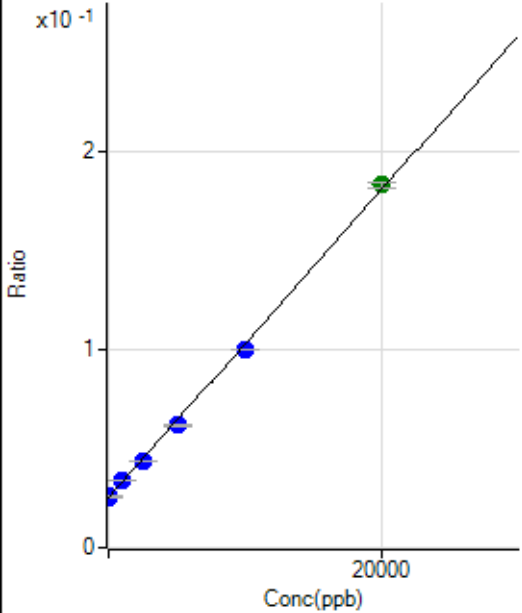
$$DL = 4.08$$

$$BEC = 28.94$$

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	-67.978	294278.35	0.0249	P	0.2
2	☐	0.000	67.978	305104.55	0.0259	P	1.5
3	☐	1000.000	1134.759	374012.55	0.0342	P	1.1
4	☐	2500.000	2331.418	472281.14	0.0436	P	1.3
5	☐	5000.000	4683.455	619825.63	0.0619	P	0.8
6	☐	10000.000	9588.770	997520.86	0.1001	P	0.3
7	☐	20000.000	20299.086	1873515.01	0.1835	A	1.4
8	☐			230165.04	0.0222	P	3.1

$y = 7.7864E-006 * x + 0.0254$

R = 0.9994

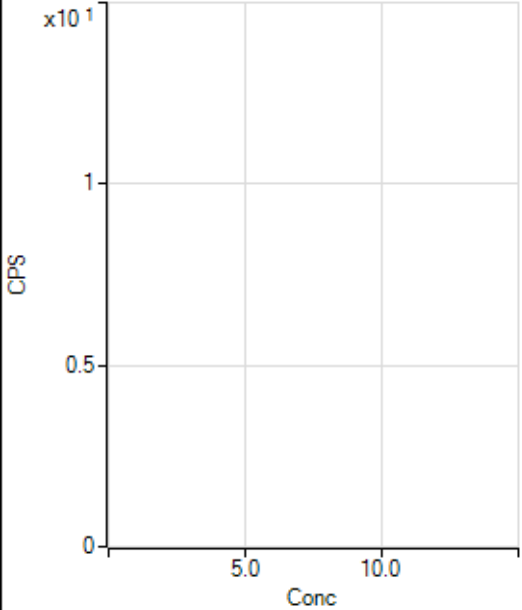
DL = 83.69

BEC = 3264

Weight: <None>

Min Conc: 0

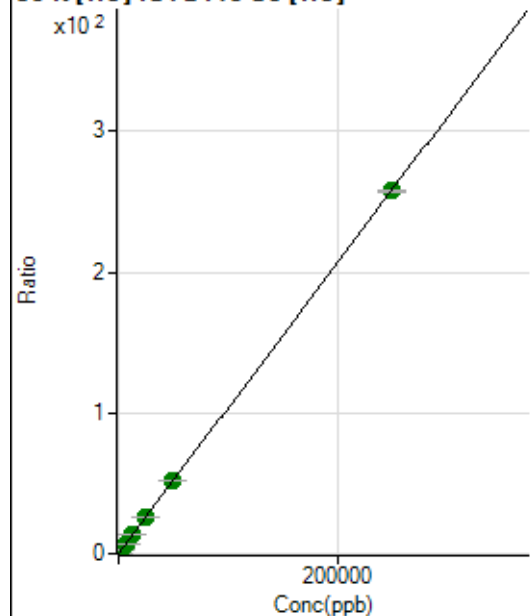
35 Cl [No Gas] No available calibration points



	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	71224.40	0.0697	P	1.0
2	☐	500.000	516.745	607819.70	0.6029	P	0.2
3	☐	2500.000	2652.820	2628351.75	2.8066	A	1.3
4	☐	6250.000	6410.381	6120304.56	6.6832	A	0.8
5	☐	12500.000	12613.028	11247612.33	13.0824	A	0.6
6	☐	25000.000	25481.407	22790143.55	26.3586	A	0.7
7	☐	50000.000	50442.619	46282325.98	52.1107	A	0.3
8	☐	250000.00	249852.11	239912918.65	257.8388	A	0.2

$$y = 0.0010 * x + 0.0697$$

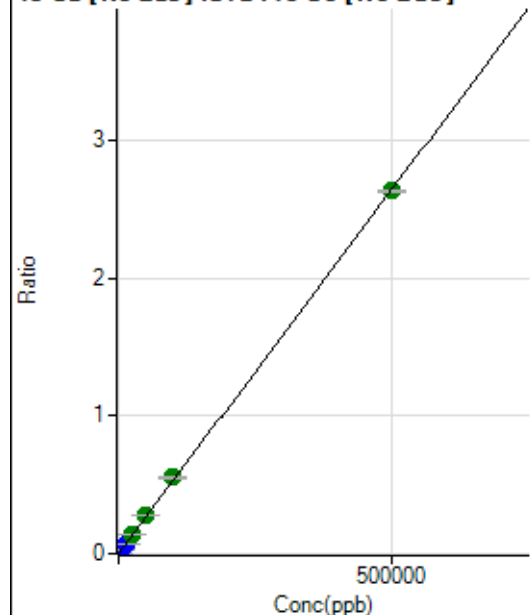
$$R = 1.0000$$

$$DL = 2.065$$

$$BEC = 67.59$$

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	997.82	0.0001	P	2.2
2	☐	500.000	524.302	33540.38	0.0029	P	1.1
3	☐	5000.000	5570.149	321986.46	0.0295	P	0.5
4	☐	12500.000	13379.662	766408.25	0.0707	P	1.8
5	☐	25000.000	26004.689	1375528.64	0.1373	A	1.6
6	☐	50000.000	52713.307	2774065.86	0.2783	A	0.8
7	☐	100000.00	104548.56	5635497.00	0.5519	A	0.3
8	☐	500000.00	498741.00	27288730.98	2.6325	A	0.3

$$y = 5.2780\text{E-}006 * x + 8.4370\text{E-}005$$

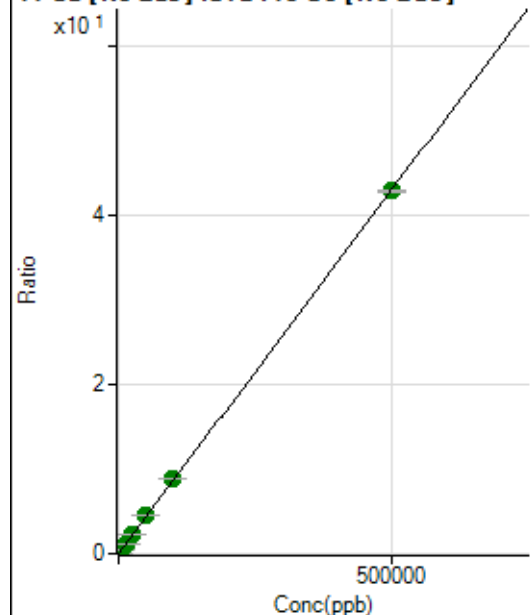
$$R = 1.0000$$

$$DL = 1.047$$

$$BEC = 15.99$$

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	27667.80	0.0023	P	1.1
2	☐	500.000	522.646	555948.90	0.0473	P	1.3
3	☐	5000.000	5318.891	5018906.35	0.4596	A	1.4
4	☐	12500.000	12729.869	11888197.05	1.0967	A	1.3
5	☐	25000.000	25711.274	22162138.00	2.2126	A	0.5
6	☐	50000.000	52632.239	45122633.77	4.5269	A	0.3
7	☐	100000.00	103949.26	91270891.97	8.9383	A	0.2
8	☐	500000.00	498902.40	444611002.26	42.8903	A	0.4

$$y = 8.5965\text{E-}005 * x + 0.0023$$

$$R = 1.0000$$

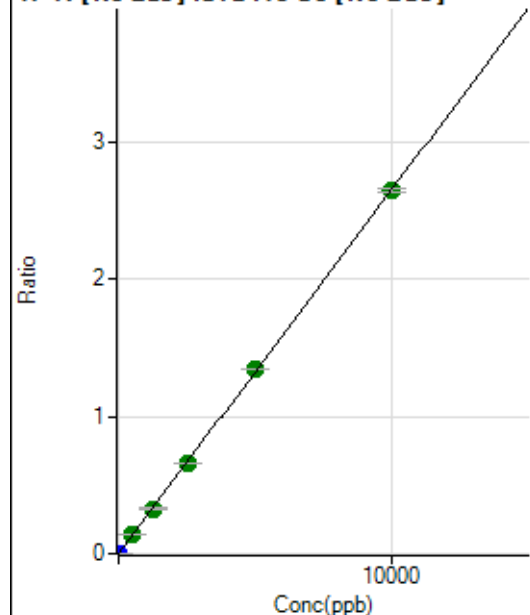
$$DL = 0.8815$$

$$BEC = 27.22$$

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	173.34	0.0000	P	21.2
2	☐	5.000	4.866	15346.75	0.0013	P	2.4
3	☐	500.000	510.404	1478033.94	0.1353	A	0.1
4	☐	1250.000	1232.228	3541598.52	0.3267	A	1.8
5	☐	2500.000	2477.704	6580336.92	0.6569	A	0.3
6	☐	5000.000	5065.304	13386469.24	1.3430	A	0.6
7	☐	10000.000	9974.623	27003967.10	2.6446	A	0.9
8	☐			4293.99	0.0004	P	6.5

$$y = 2.6513\text{E-}004 * x + 1.4676\text{E-}005$$

$$R = 1.0000$$

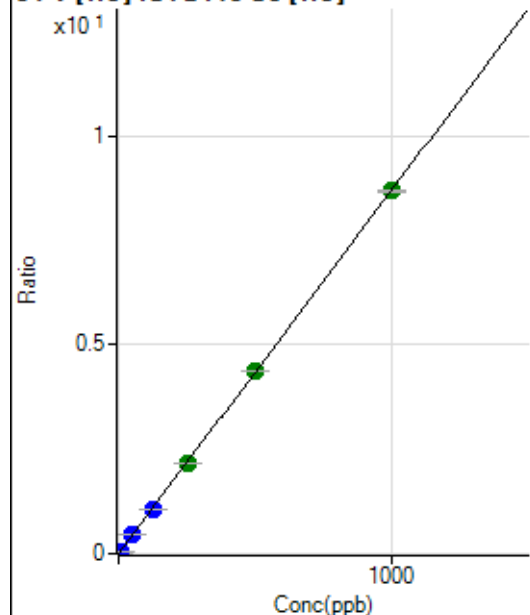
$$DL = 0.03519$$

$$BEC = 0.05535$$

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	24.45	0.0000	P	44.1
2	☐	5.000	4.897	42960.97	0.0426	P	0.8
3	☐	50.000	51.220	417142.10	0.4455	P	1.2
4	☐	125.000	123.356	982464.50	1.0728	P	1.0
5	☐	250.000	249.804	1867794.89	2.1725	A	0.5
6	☐	500.000	502.980	3782247.69	4.3743	A	0.3
7	☐	1000.000	998.704	7713926.20	8.6856	A	0.9
8	☐			2374.65	0.0026	P	3.6

$$y = 0.0087 * x + 2.3950\text{E-}005$$

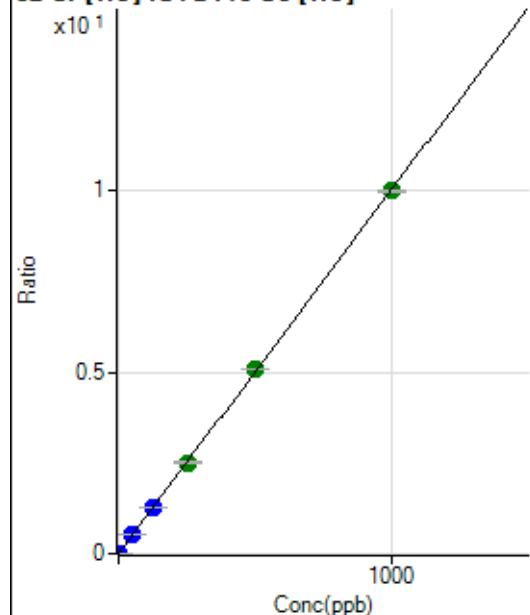
$$R = 1.0000$$

$$DL = 0.003647$$

$$BEC = 0.002754$$

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	2622.48	0.0026	P	3.8
2	☐	2.000	1.981	22598.14	0.0224	P	0.8
3	☐	50.000	51.796	488209.49	0.5214	P	1.5
4	☐	125.000	124.653	1145744.24	1.2511	P	0.3
5	☐	250.000	250.536	2159654.92	2.5120	A	0.8
6	☐	500.000	506.066	4384939.52	5.0715	A	0.4
7	☐	1000.000	996.786	8869877.51	9.9867	A	0.4
8	☐			15927.87	0.0171	P	7.2

$$y = 0.0100 * x + 0.0026$$

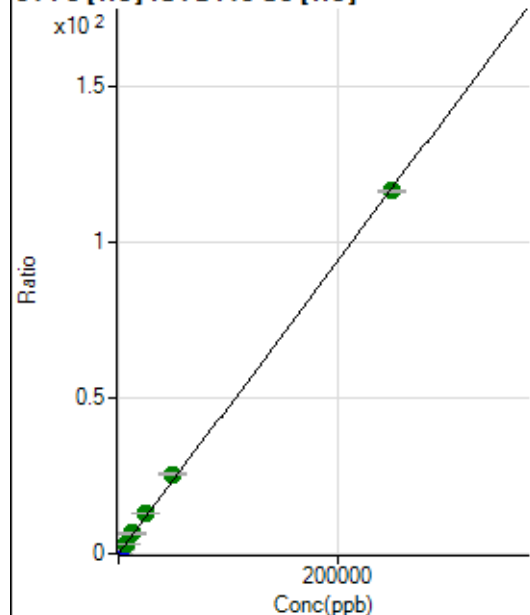
$$R = 1.0000$$

$$DL = 0.02949$$

$$BEC = 0.2563$$

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	3428.20	0.0034	P	2.5
2	☐	50.000	56.810	30182.47	0.0299	P	1.5
3	☐	2500.000	2941.554	1291859.24	1.3795	P	0.8
4	☐	6250.000	6922.177	2968796.66	3.2419	A	0.7
5	☐	12500.000	13861.588	5578130.34	6.4884	A	1.1
6	☐	25000.000	28017.651	11336479.00	13.1113	A	0.1
7	☐	50000.000	54629.182	22701923.27	25.5613	A	0.8
8	☐	250000.00	248683.09	108259333.94	116.3485	A	0.5

$$y = 4.6785E-004 * x + 0.0034$$

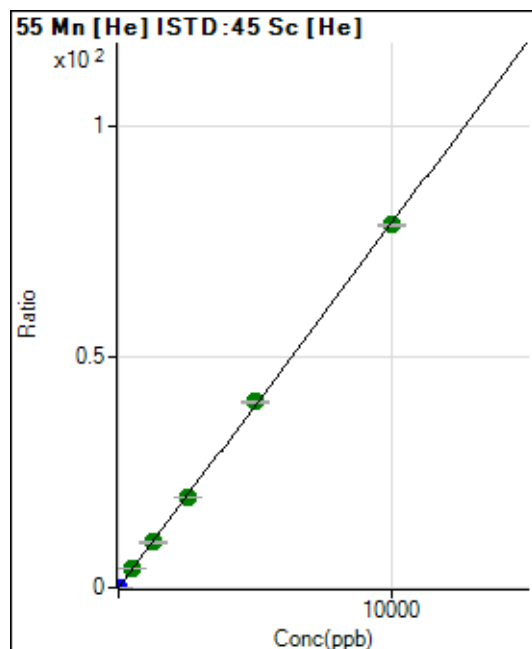
$$R = 0.9998$$

$$DL = 0.5478$$

$$BEC = 7.174$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1805.69	0.0018	P	3.4
2	☐	1.000	0.968	9490.85	0.0094	P	1.4
3	☐	500.000	511.750	3787216.64	4.0443	A	0.9
4	☐	1250.000	1241.549	8983015.84	9.8093	A	0.8
5	☐	2500.000	2499.674	16977799.33	19.7478	A	0.4
6	☐	5000.000	5093.748	34791701.15	40.2396	A	0.8
7	☐	10000.000	9953.677	69836144.52	78.6304	A	0.2
8	☐			39204.24	0.0421	P	0.4

$$y = 0.0079 * x + 0.0018$$

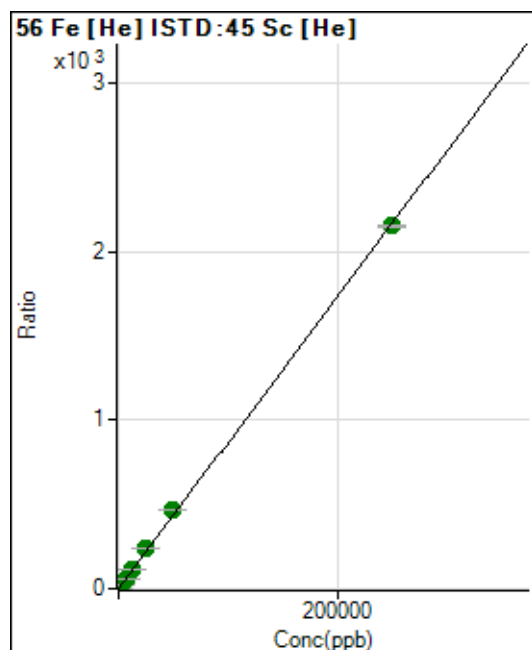
$$R = 0.9999$$

$$DL = 0.02284$$

$$BEC = 0.2238$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28221.01	0.0276	P	0.3
2	☐	50.000	54.514	503788.23	0.4997	P	0.5
3	☐	2500.000	2783.539	22596402.16	24.1310	A	1.2
4	☐	6250.000	6730.347	53396014.21	58.3074	A	1.0
5	☐	12500.000	13526.944	100727780.72	117.1608	A	0.1
6	☐	25000.000	27574.599	206474670.26	238.8030	A	0.7
7	☐	50000.000	53728.356	413240478.29	465.2750	A	0.2
8	☐	250000.00	248930.67	2005717410.1	2,155.581	A	0.4

$$y = 0.0087 * x + 0.0276$$

$$R = 0.9999$$

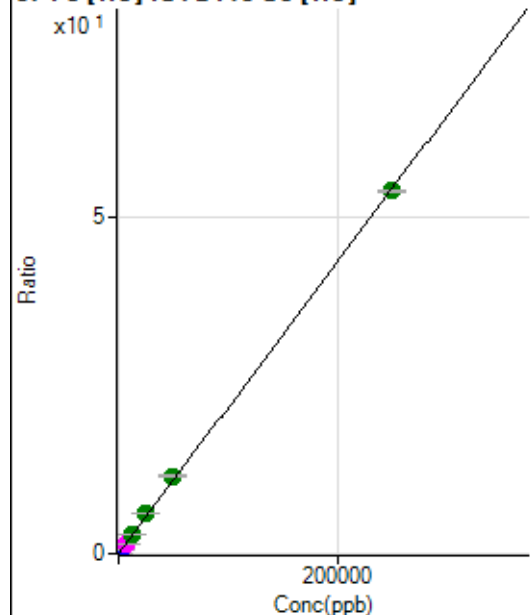
$$DL = 0.02992$$

$$BEC = 3.191$$

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	1407.86	0.0014	P	4.2
2	☐	50.000	58.430	14167.88	0.0141	P	2.9
3	☐	2500.000	2874.828	585270.18	0.6250	P	1.4
4	☐	6250.000	6878.164	1367630.86	1.4934	M	1.1
5	☐	12500.000	13543.073	2527012.48	2.9392	A	0.6
6	☐	25000.000	27560.754	5170522.49	5.9800	A	0.3
7	☐	50000.000	53341.007	10278037.63	11.5724	A	0.5
8	☐	250000.00	249004.11	50261323.70	54.0168	A	0.7

$$y = 2.1693E-004 * x + 0.0014$$

$$R = 0.9999$$

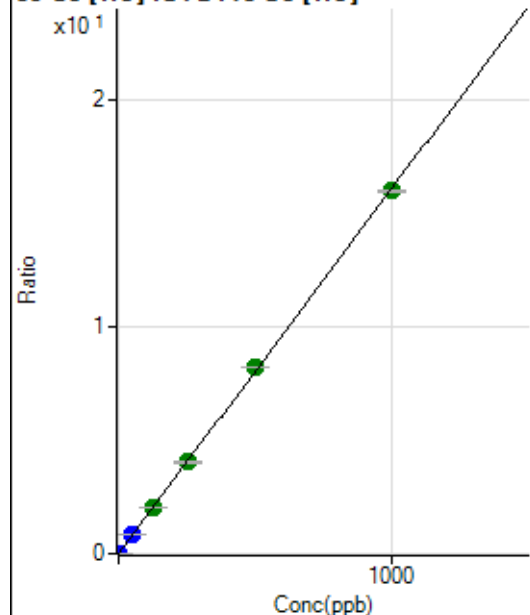
$$DL = 0.805$$

$$BEC = 6.354$$

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	183.34	0.0002	P	10.7
2	☐	1.000	1.052	17218.86	0.0171	P	0.6
3	☐	50.000	52.173	784605.54	0.8379	P	1.4
4	☐	125.000	126.072	1853928.60	2.0245	A	1.2
5	☐	250.000	251.231	3468129.36	4.0341	A	1.0
6	☐	500.000	509.673	7076036.01	8.1838	A	0.2
7	☐	1000.000	994.613	14183881.60	15.9702	A	0.5
8	☐			36979.93	0.0397	P	1.0

$$y = 0.0161 * x + 1.7957E-004$$

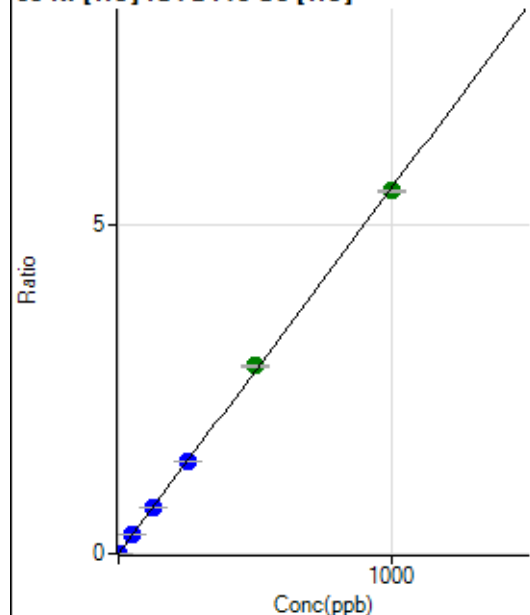
$$R = 0.9999$$

$$DL = 0.00358$$

$$BEC = 0.01118$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1761.30	0.0017	P	9.2
2	☐	1.000	0.925	6905.05	0.0068	P	0.5
3	☐	50.000	52.458	273805.00	0.2924	P	0.7
4	☐	125.000	126.904	645510.37	0.7049	P	0.7
5	☐	250.000	251.054	1197394.30	1.3928	P	0.9
6	☐	500.000	513.121	2459803.51	2.8449	A	0.5
7	☐	1000.000	992.815	4887344.61	5.5028	A	0.5
8	☐			15134.97	0.0163	P	1.2

$$y = 0.0055 * x + 0.0017$$

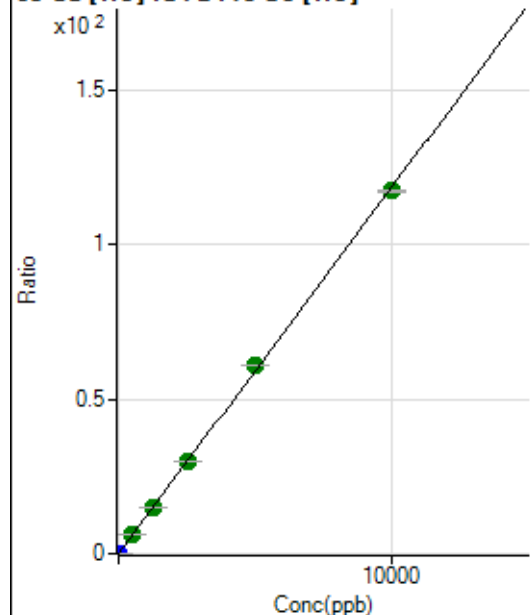
$$R = 0.9999$$

$$DL = 0.08582$$

$$BEC = 0.3112$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1433.41	0.0014	P	2.2
2	☐	2.000	1.935	24488.95	0.0243	P	1.3
3	☐	500.000	529.240	5864256.23	6.2623	A	0.9
4	☐	1250.000	1279.116	13858596.60	15.1333	A	0.5
5	☐	2500.000	2538.196	25816129.89	30.0282	A	0.7
6	☐	5000.000	5147.985	52657526.99	60.9019	A	0.6
7	☐	10000.000	9911.357	104139906.23	117.2525	A	0.3
8	☐			22182.13	0.0238	P	3.3

$$y = 0.0118 * x + 0.0014$$

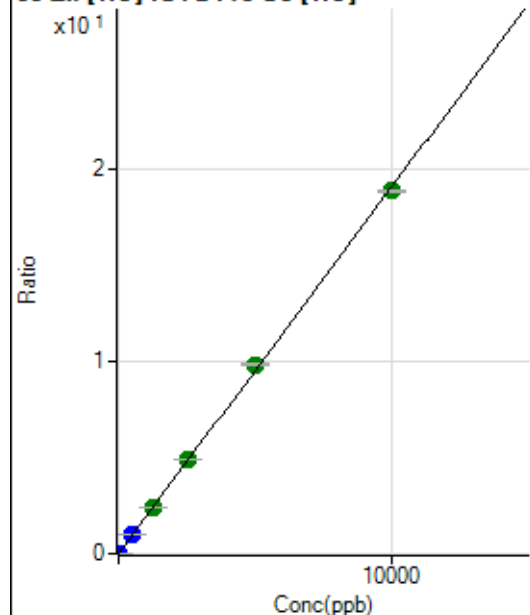
$$R = 0.9998$$

$$DL = 0.007732$$

$$BEC = 0.1186$$

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	1295.63	0.0013	P	1.4
2	☐	2.000	5.185	11225.40	0.0111	P	1.6
3	☐	500.000	523.984	934743.74	0.9982	P	1.3
4	☐	1250.000	1271.011	2215738.75	2.4196	A	1.0
5	☐	2500.000	2562.803	4193165.25	4.8774	A	1.0
6	☐	5000.000	5159.200	8488355.98	9.8175	A	0.7
7	☐	10000.000	9900.873	16732352.25	18.8392	A	0.2
8	☐			5664.45	0.0061	P	2.3

$$y = 0.0019 * x + 0.0013$$

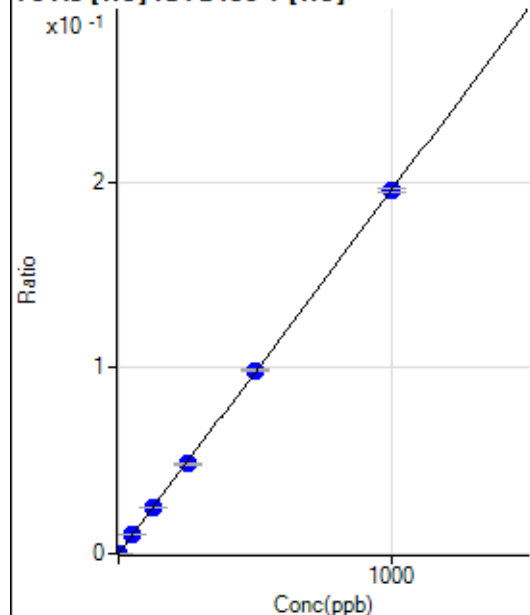
$$R = 0.9998$$

$$DL = 0.02891$$

$$BEC = 0.6667$$

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	16.67	0.0000	P	0.6
2	☐	1.000	1.086	1388.97	0.0002	P	3.5
3	☐	50.000	52.023	61684.25	0.0102	P	2.2
4	☐	125.000	125.973	147914.73	0.0246	P	0.5
5	☐	250.000	247.062	278467.48	0.0483	P	1.2
6	☐	500.000	504.662	572161.82	0.0987	P	0.9
7	☐	1000.000	998.181	1154239.69	0.1951	P	1.1
8	☐			656.69	0.0001	P	2.3

$$y = 1.9548E-004 * x + 2.5227E-006$$

$$R = 1.0000$$

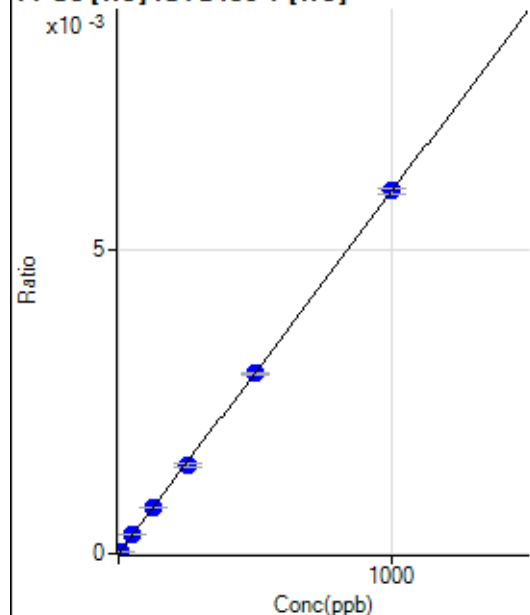
$$DL = 0.0002425$$

$$BEC = 0.01291$$

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	0.00	0.0000	P	
2	☐	5.000	5.378	206.67	0.0000	P	5.8
3	☐	50.000	51.657	1863.47	0.0003	P	4.2
4	☐	125.000	127.773	4565.19	0.0008	P	0.5
5	☐	250.000	246.187	8442.47	0.0015	P	3.9
6	☐	500.000	497.631	17170.03	0.0030	P	0.6
7	☐	1000.000	1001.706	35247.33	0.0060	P	1.9
8	☐			10.00	0.0000	P	88.1

$$y = 5.9487\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

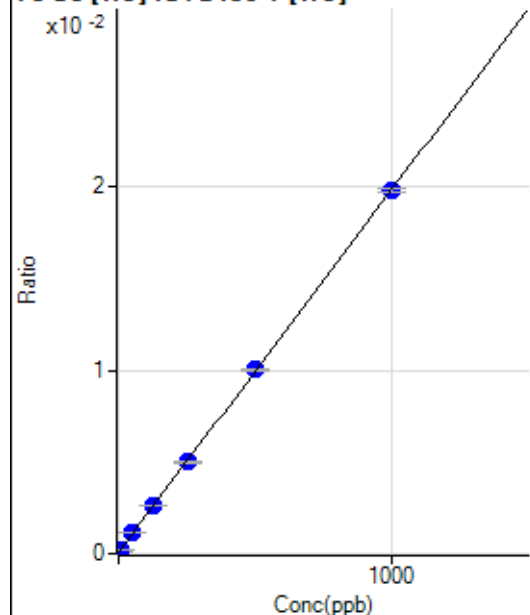
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	543.35	0.0001	P	7.8
2	☐	5.000	4.867	1151.17	0.0002	P	7.8
3	☐	50.000	52.413	6770.50	0.0011	P	2.2
4	☐	125.000	127.921	15649.49	0.0026	P	1.3
5	☐	250.000	249.431	28841.40	0.0050	P	2.4
6	☐	500.000	503.944	58132.33	0.0100	P	1.0
7	☐	1000.000	997.685	116907.94	0.0198	P	0.9
8	☐			498.90	0.0001	P	6.9

$$y = 1.9727\text{E-}005 * x + 8.2203\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.9745$$

$$BEC = 4.167$$

Weight: <None>

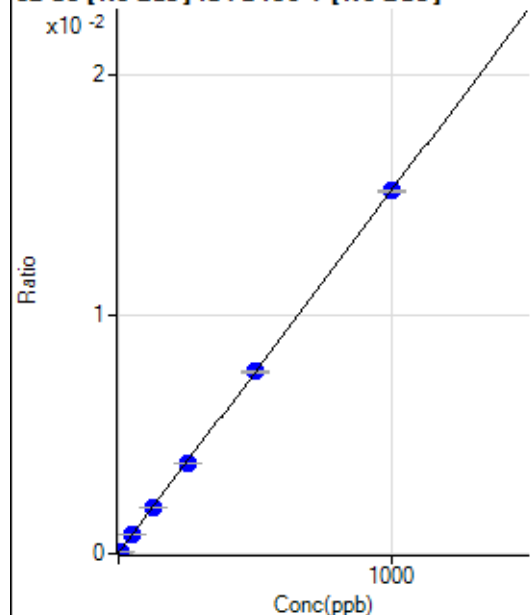
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18807.69		P	0.5
2	☐			18677.45		P	0.9
3	☐			17520.51		P	1.6
4	☐			16158.94		P	1.3
5	☐			14948.80		P	2.5
6	☐			15098.93		P	2.7
7	☐			15859.74		P	1.5
8	☐			17517.15		P	2.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			162.23		P	15.1
2	☐			101.11		P	34.9
3	☐			107.78		P	14.6
4	☐			67.78		P	5.7
5	☐			97.78		P	7.9
6	☐			100.00		P	6.7
7	☐			108.89		P	22.6
8	☐			146.67		P	19.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	891.58	0.0000	P	1.3
2	☐	5.000	5.314	2920.91	0.0001	P	0.6
3	☐	50.000	52.373	19568.24	0.0008	P	0.7
4	☐	125.000	125.214	46172.85	0.0019	P	0.7
5	☐	250.000	247.791	85969.18	0.0038	P	0.6
6	☐	500.000	501.793	173040.73	0.0076	P	0.9
7	☐	1000.000	999.509	350821.99	0.0152	P	0.9
8	☐			934.72	0.0000	P	9.1

$$y = 1.5147\text{E-}005 * x + 3.4802\text{E-}005$$

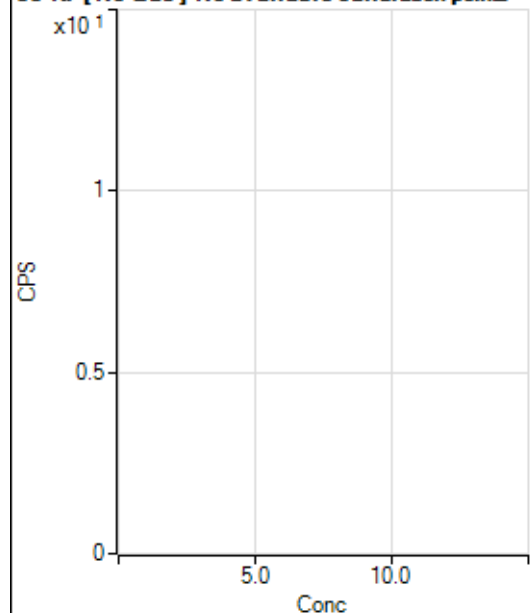
$$R = 1.0000$$

$$DL = 0.08954$$

$$BEC = 2.298$$

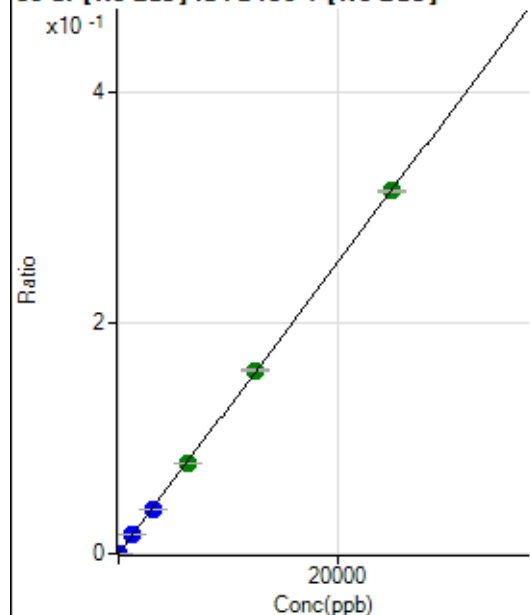
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			297.78		P	5.0
2	☐			314.45		P	5.3
3	☐			294.45		P	8.6
4	☐			256.67		P	10.6
5	☐			282.23		P	8.3
6	☐			278.90		P	6.6
7	☐			307.79		P	9.5
8	☐			371.12		P	1.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	584.46	0.0000	P	6.4
2	☐	1.000	24.048	8239.04	0.0003	P	0.5
3	☐	1250.000	1278.044	380283.31	0.0161	P	0.6
4	☐	3125.000	3073.328	924421.33	0.0387	P	0.6
5	☐	6250.000	6163.482	1759448.39	0.0775	A	0.0
6	☐	12500.000	12596.375	3590191.02	0.1584	A	1.2
7	☐	25000.000	24978.498	7262389.34	0.3141	A	0.7
8	☐			24335.72	0.0011	P	2.1

$$y = 1.2575\text{E-}005 * x + 2.2813\text{E-}005$$

$$R = 1.0000$$

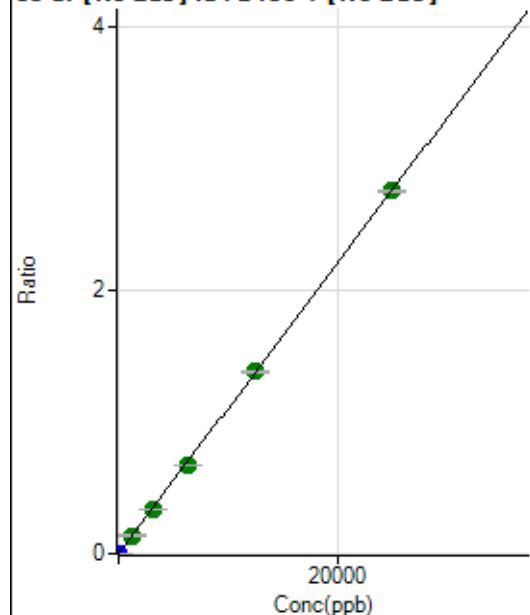
$$DL = 0.3487$$

$$BEC = 1.814$$

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	657.80	0.0000	P	8.5
2	☐	1.000	24.466	68846.65	0.0027	P	0.5
3	☐	1250.000	1259.223	3274692.41	0.1386	A	1.4
4	☐	3125.000	3046.880	8014871.13	0.3353	A	0.9
5	☐	6250.000	6150.729	15359340.88	0.6768	A	0.3
6	☐	12500.000	12532.518	31251897.59	1.3789	A	0.2
7	☐	25000.000	25017.862	63641586.83	2.7527	A	0.7
8	☐			207952.42	0.0092	P	0.7

$$y = 1.1003\text{E-}004 * x + 2.5677\text{E-}005$$

$$R = 1.0000$$

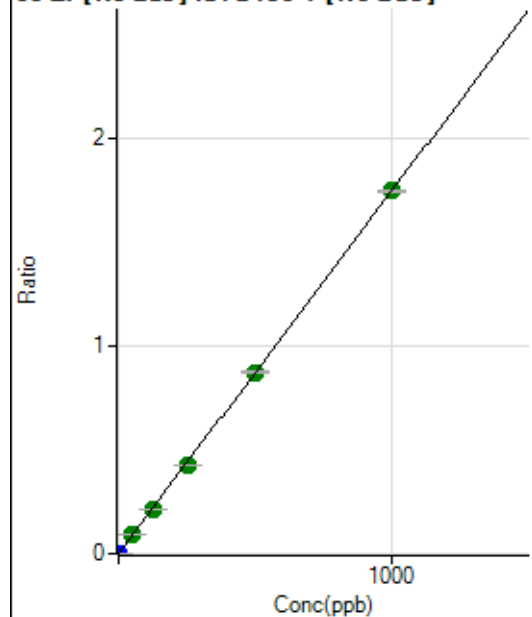
$$DL = 0.05945$$

$$BEC = 0.2334$$

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	1166.72	0.0000	P	8.4
2	☐	1.000	0.942	42780.94	0.0017	P	0.9
3	☐	50.000	51.173	2109578.61	0.0893	A	1.1
4	☐	125.000	121.948	5084548.26	0.2127	A	1.4
5	☐	250.000	245.321	9709331.94	0.4278	A	0.3
6	☐	500.000	500.906	19796246.79	0.8735	A	0.7
7	☐	1000.000	1001.040	40358029.68	1.7456	A	0.7
8	☐			23357.55	0.0010	P	2.0

$$y = 0.0017 * x + 4.5550E-005$$

$$R = 1.0000$$

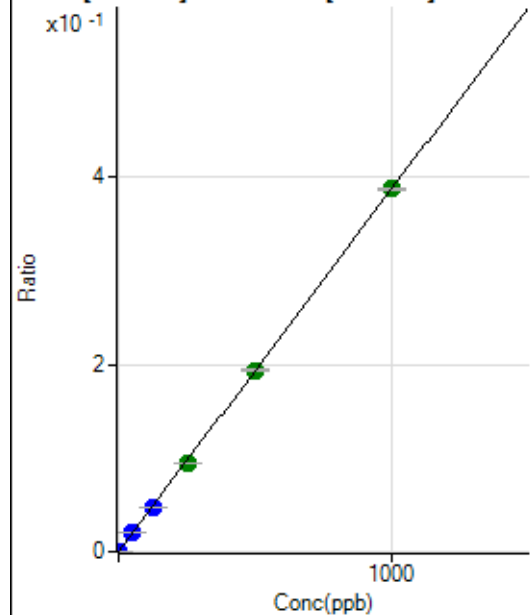
$$DL = 0.00658$$

$$BEC = 0.02612$$

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	225.56	0.0000	P	7.9
2	☐	1.000	0.948	9517.61	0.0004	P	2.2
3	☐	50.000	50.879	465524.07	0.0197	P	0.4
4	☐	125.000	122.969	1137971.89	0.0476	P	0.8
5	☐	250.000	245.722	2158559.29	0.0951	A	0.3
6	☐	500.000	501.033	4394963.10	0.1939	A	0.8
7	☐	1000.000	1000.763	8955195.07	0.3873	A	0.7
8	☐			5297.68	0.0002	P	6.5

$$y = 3.8703E-004 * x + 8.8037E-006$$

$$R = 1.0000$$

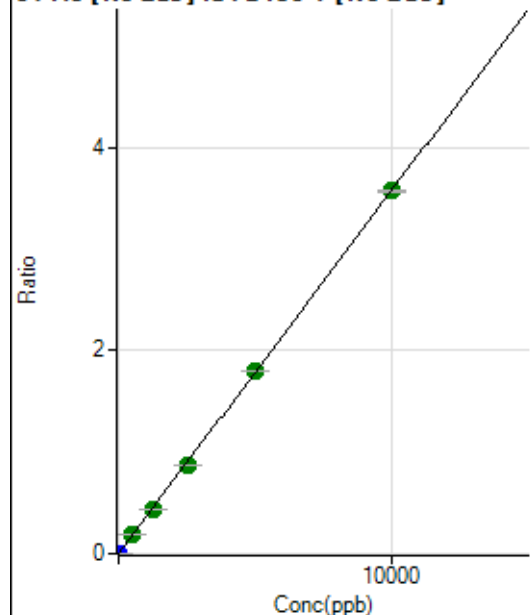
$$DL = 0.005383$$

$$BEC = 0.02275$$

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	516.68	0.0000	P	4.9
2	☐	5.000	5.584	51065.35	0.0020	P	1.3
3	☐	500.000	509.326	4301014.79	0.1820	A	0.9
4	☐	1250.000	1228.923	10498464.91	0.4392	A	0.5
5	☐	2500.000	2454.098	19902008.31	0.8769	A	0.2
6	☐	5000.000	5037.571	40796598.56	1.8001	A	0.3
7	☐	10000.000	9994.858	82573163.21	3.5715	A	0.6
8	☐			23136.13	0.0010	P	2.0

$$y = 3.5733\text{E-}004 * x + 2.0167\text{E-}005$$

$$R = 1.0000$$

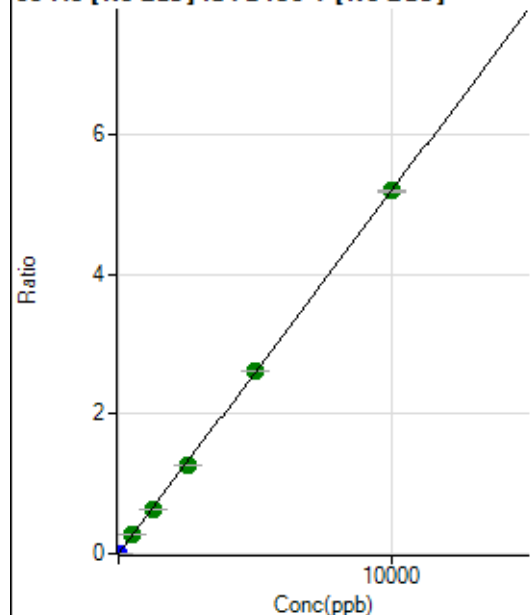
$$DL = 0.008329$$

$$BEC = 0.05644$$

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	275.56	0.0000	P	7.7
2	☐	5.000	4.744	62788.28	0.0025	P	1.4
3	☐	500.000	509.542	6263859.07	0.2651	A	1.3
4	☐	1250.000	1222.352	15201752.27	0.6359	A	0.9
5	☐	2500.000	2456.622	29003229.84	1.2780	A	0.3
6	☐	5000.000	5029.587	59297276.34	2.6165	A	0.8
7	☐	10000.000	9999.030	120262463.76	5.2016	A	0.5
8	☐			23906.30	0.0011	P	1.8

$$y = 5.2021\text{E-}004 * x + 1.0757\text{E-}005$$

$$R = 1.0000$$

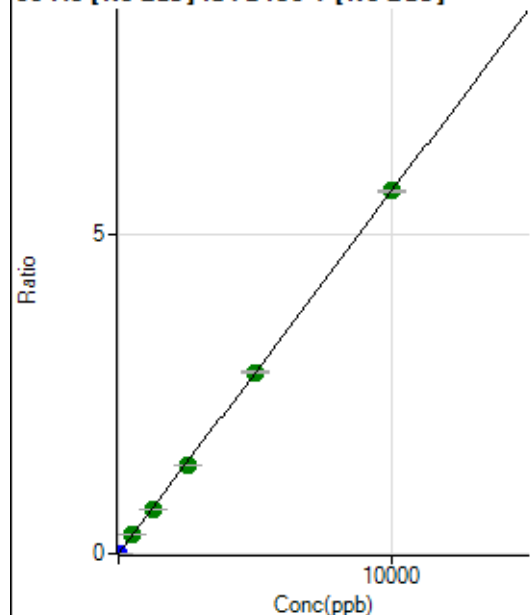
$$DL = 0.004779$$

$$BEC = 0.02068$$

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	466.68	0.0000	P	9.3
2	☐	5.000	4.809	69459.33	0.0027	P	1.6
3	☐	500.000	508.967	6812992.95	0.2883	A	1.1
4	☐	1250.000	1226.196	16605048.64	0.6946	A	1.2
5	☐	2500.000	2452.128	31524076.47	1.3890	A	0.4
6	☐	5000.000	5005.701	64260324.60	2.8355	A	1.2
7	☐	10000.000	10011.645	131116253.60	5.6711	A	0.6
8	☐			42182.92	0.0019	P	4.5

$$y = 5.6645\text{E-}004 * x + 1.8217\text{E-}005$$

$$R = 1.0000$$

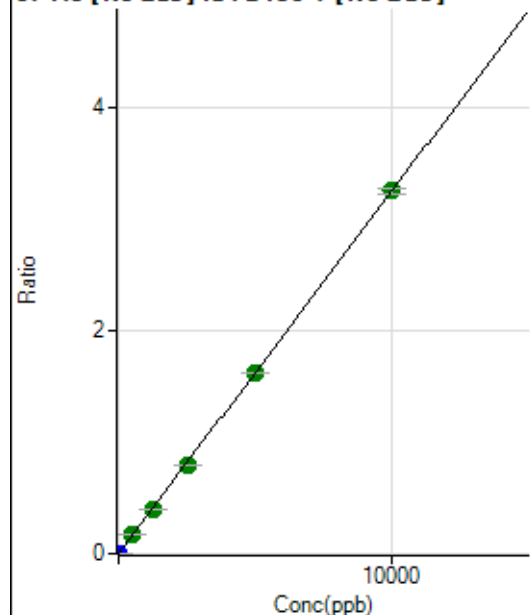
$$DL = 0.008975$$

$$BEC = 0.03216$$

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	196.67	0.0000	P	4.9
2	☐	5.000	4.683	38736.76	0.0015	P	1.7
3	☐	500.000	507.150	3893632.03	0.1648	A	0.7
4	☐	1250.000	1221.042	9484204.65	0.3967	A	0.4
5	☐	2500.000	2447.481	18046590.98	0.7952	A	0.3
6	☐	5000.000	4997.133	36795372.78	1.6236	A	0.7
7	☐	10000.000	10017.826	75247229.43	3.2548	A	1.4
8	☐			14983.32	0.0007	P	1.6

$$y = 3.2490\text{E-}004 * x + 7.6782\text{E-}006$$

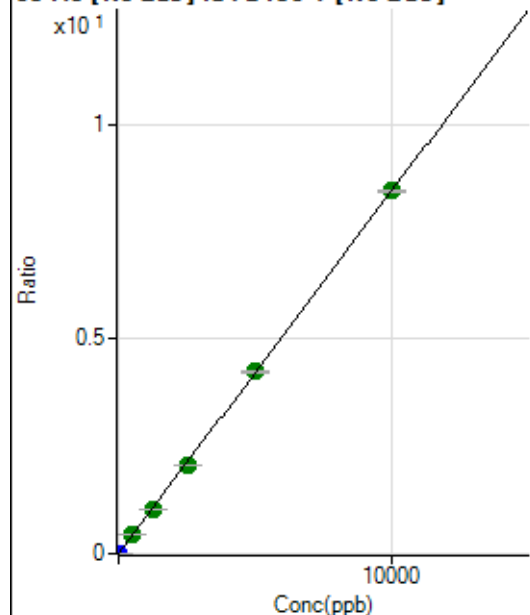
$$R = 1.0000$$

$$DL = 0.003482$$

$$BEC = 0.02363$$

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	456.68	0.0000	P	7.7
2	☐	5.000	4.699	100886.27	0.0040	P	1.6
3	☐	500.000	508.864	10146921.10	0.4294	A	0.1
4	☐	1250.000	1221.461	24640399.35	1.0307	A	0.9
5	☐	2500.000	2452.929	46974718.19	2.0699	A	0.7
6	☐	5000.000	5016.496	95934204.13	4.2331	A	0.9
7	☐	10000.000	10006.644	195223314.87	8.4439	A	0.6
8	☐			37402.32	0.0016	P	3.5

$$y = 8.4383\text{E-}004 * x + 1.7830\text{E-}005$$

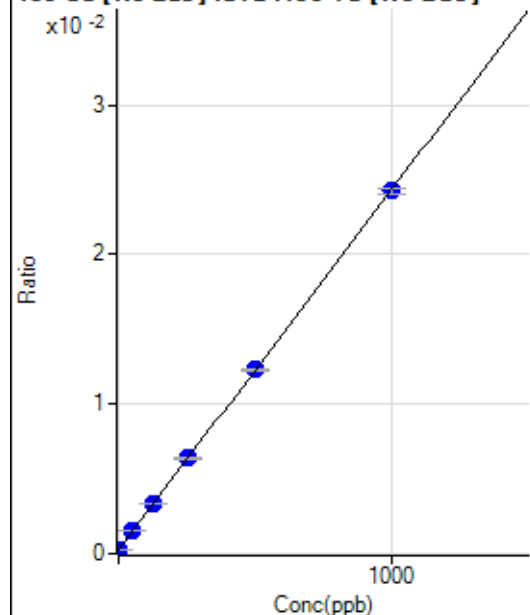
$$R = 1.0000$$

$$DL = 0.004906$$

$$BEC = 0.02113$$

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	6999.52	0.0003	P	0.4
2	☐	1.000	1.393	7823.27	0.0003	P	3.4
3	☐	50.000	54.783	40767.09	0.0016	P	0.8
4	☐	125.000	128.814	89347.82	0.0034	P	2.5
5	☐	250.000	254.647	165008.35	0.0064	P	1.3
6	☐	500.000	501.491	325571.23	0.0123	P	0.8
7	☐	1000.000	997.376	648740.17	0.0242	P	1.5
8	☐			6756.08	0.0003	P	2.2

$$y = 2.4049\text{E-}005 * x + 2.5556\text{E-}004$$

$$R = 1.0000$$

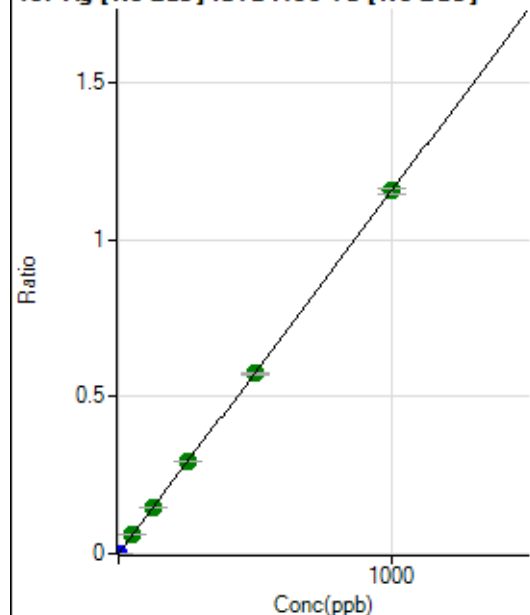
$$DL = 0.1393$$

$$BEC = 10.63$$

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	134.45	0.0000	P	10.6
2	☐	1.000	1.051	33036.49	0.0012	P	1.3
3	☐	50.000	54.812	1643476.64	0.0634	A	0.4
4	☐	125.000	128.939	3975089.28	0.1492	A	1.1
5	☐	250.000	252.500	7555686.97	0.2921	A	0.2
6	☐	500.000	496.633	15188230.75	0.5745	A	0.5
7	☐	1000.000	1000.326	30970102.59	1.1572	A	1.3
8	☐			5767.88	0.0002	P	12.9

$$y = 0.0012 * x + 4.9097E-006$$

$$R = 1.0000$$

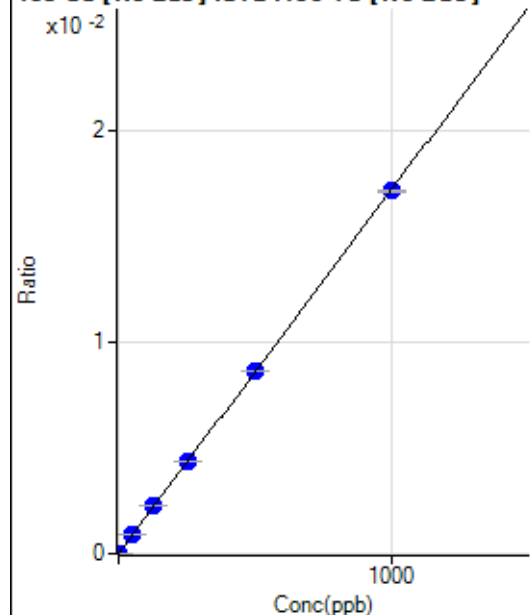
$$DL = 0.001348$$

$$BEC = 0.004244$$

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	16.67	0.0000	P	34.8
2	☐	1.000	1.050	505.57	0.0000	P	10.4
3	☐	50.000	54.872	24484.02	0.0009	P	0.3
4	☐	125.000	130.811	59992.18	0.0023	P	1.3
5	☐	250.000	255.572	113758.23	0.0044	P	0.1
6	☐	500.000	502.053	228370.39	0.0086	P	0.8
7	☐	1000.000	996.610	458940.44	0.0171	P	0.8
8	☐			225.56	0.0000	P	12.0

$$y = 1.7206E-005 * x + 6.0883E-007$$

$$R = 1.0000$$

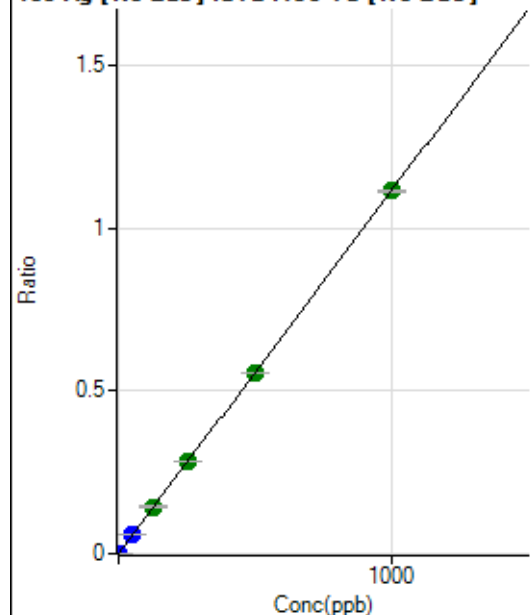
$$DL = 0.03694$$

$$BEC = 0.03538$$

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	52.22	0.0000	P	20.5
2	☐	1.000	1.035	31271.49	0.0012	P	1.8
3	☐	50.000	54.857	1584287.86	0.0611	P	0.3
4	☐	125.000	129.265	3838203.59	0.1440	A	1.7
5	☐	250.000	252.651	7282185.45	0.2815	A	0.6
6	☐	500.000	497.606	14658428.12	0.5545	A	0.7
7	☐	1000.000	999.758	29816130.95	1.1141	A	0.7
8	☐			5544.45	0.0002	P	10.7

$$y = 0.0011 * x + 1.9067E-006$$

$$R = 1.0000$$

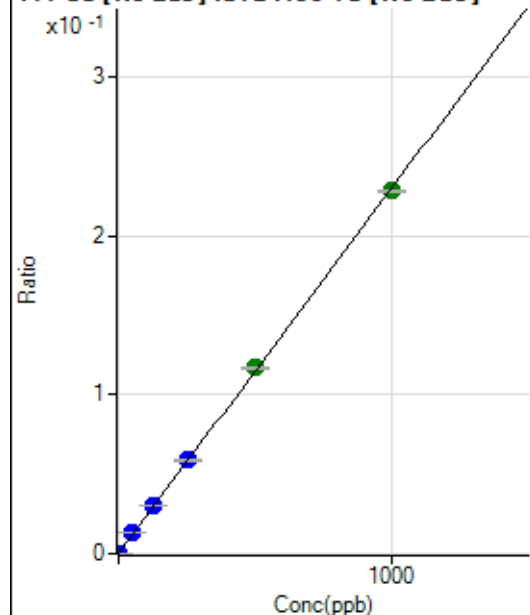
$$DL = 0.001052$$

$$BEC = 0.001711$$

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	4936.89	0.0002	P	0.6
2	☐	1.000	1.133	11914.04	0.0004	P	1.7
3	☐	50.000	54.670	329824.71	0.0127	P	0.3
4	☐	125.000	130.210	800992.23	0.0301	P	2.3
5	☐	250.000	255.026	1518483.97	0.0587	P	0.6
6	☐	500.000	508.861	3091859.26	0.1170	A	0.6
7	☐	1000.000	993.428	6106321.39	0.2282	A	0.8
8	☐			6047.01	0.0002	P	0.5

$$y = 2.2949E-004 * x + 1.8025E-004$$

$$R = 0.9999$$

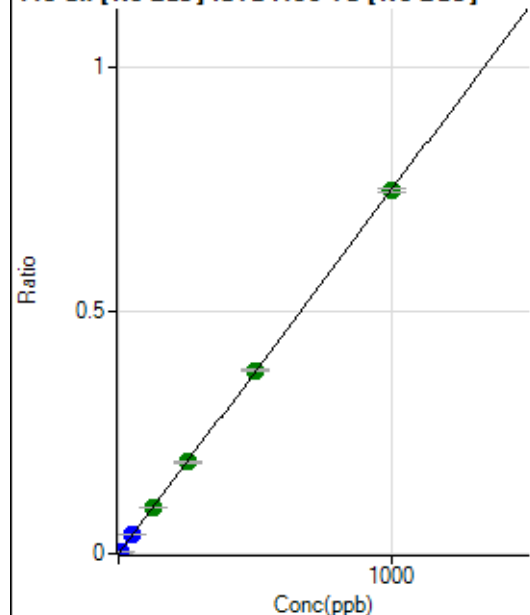
$$DL = 0.0135$$

$$BEC = 0.7854$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5241.03	0.0002	P	0.6
2	☐	5.000	5.153	109514.32	0.0040	P	0.2
3	☐	50.000	53.300	1038407.67	0.0401	P	1.0
4	☐	125.000	127.781	2552383.69	0.0958	A	2.0
5	☐	250.000	251.567	4873180.03	0.1884	A	1.0
6	☐	500.000	504.269	9978231.66	0.3775	A	1.1
7	☐	1000.000	996.960	19967388.87	0.7461	A	0.9
8	☐			8923.96	0.0003	P	3.8

$$y = 7.4817E-004 * x + 1.9136E-004$$

$$R = 1.0000$$

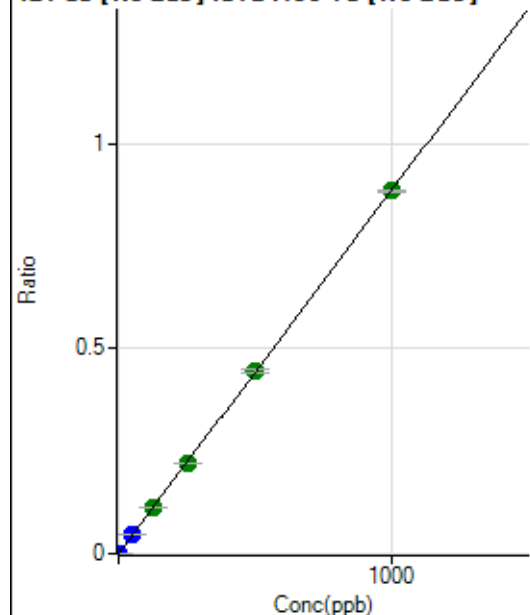
$$DL = 0.004723$$

$$BEC = 0.2558$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0000	P	10.6
2	☐	2.000	2.057	49414.45	0.0018	P	0.2
3	☐	50.000	52.075	1196582.01	0.0462	P	0.8
4	☐	125.000	126.812	2995639.33	0.1124	A	2.8
5	☐	250.000	248.541	5699737.62	0.2204	A	1.2
6	☐	500.000	502.484	11776741.21	0.4455	A	1.5
7	☐	1000.000	998.792	23699664.93	0.8855	A	0.9
8	☐			12156.41	0.0005	P	14.7

$$y = 8.8662E-004 * x + 1.9470E-006$$

$$R = 1.0000$$

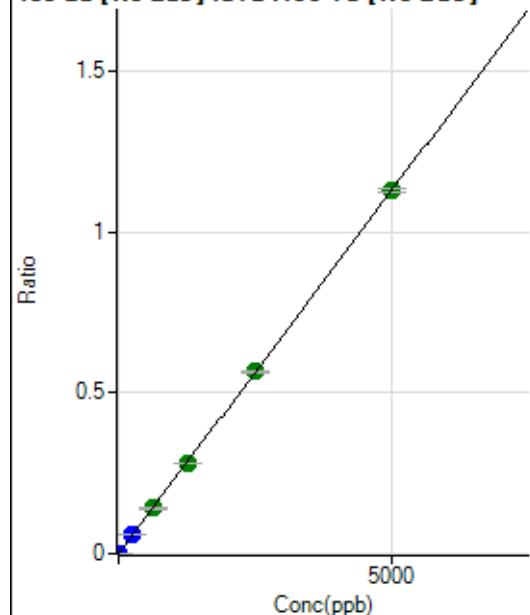
$$DL = 0.0006983$$

$$BEC = 0.002196$$

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	120.01	0.0000	P	9.4
2	☐	10.000	10.012	61258.71	0.0023	P	1.4
3	☐	250.000	258.915	1514428.05	0.0584	P	0.9
4	☐	625.000	623.241	3748203.83	0.1407	A	1.1
5	☐	1250.000	1243.823	7260776.49	0.2807	A	1.3
6	☐	2500.000	2508.859	14968094.92	0.5662	A	0.6
7	☐	5000.000	4996.889	30180965.66	1.1277	A	0.9
8	☐			13009.36	0.0005	P	3.9

$$y = 2.2569E-004 * x + 4.3810E-006$$

$$R = 1.0000$$

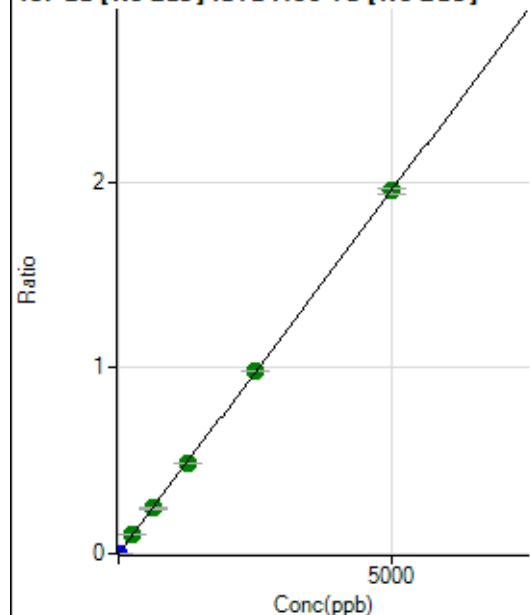
$$DL = 0.005472$$

$$BEC = 0.01941$$

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	180.00	0.0000	P	14.9
2	☐	10.000	9.925	105176.38	0.0039	P	1.2
3	☐	250.000	258.815	2622479.37	0.1012	A	1.2
4	☐	625.000	626.214	6523678.17	0.2448	A	2.2
5	☐	1250.000	1244.663	12587370.09	0.4866	A	0.8
6	☐	2500.000	2506.499	25906814.89	0.9800	A	0.1
7	☐	5000.000	4997.493	52289802.00	1.9539	A	1.4
8	☐			22529.01	0.0009	P	0.6

$$y = 3.9097E-004 * x + 6.5737E-006$$

$$R = 1.0000$$

$$DL = 0.007527$$

$$BEC = 0.01681$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	61.9
2	☐			20.00		P	28.9
3	☐			92.22		P	12.7
4	☐			225.56		P	6.0
5	☐			392.23		P	5.2
6	☐			784.47		P	9.1
7	☐			1552.32		P	3.7
8	☐			487.79		P	5.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			6.67		P	50.0
3	☐			32.22		P	36.3
4	☐			41.11		P	47.5
5	☐			65.56		P	7.8
6	☐			153.34		P	12.1
7	☐			376.68		P	6.1
8	☐			287.78		P	9.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			33.33		P	10.0
3	☐			62.22		P	21.7
4	☐			116.67		P	27.6
5	☐			141.11		P	17.9
6	☐			295.56		P	19.7
7	☐			583.35		P	11.5
8	☐			945.60		P	5.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			21.11		P	81.0
3	☐			104.45		P	15.7
4	☐			221.12		P	19.7
5	☐			362.23		P	2.7
6	☐			623.36		P	12.5
7	☐			1342.30		P	4.3
8	☐			746.70		P	5.3

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

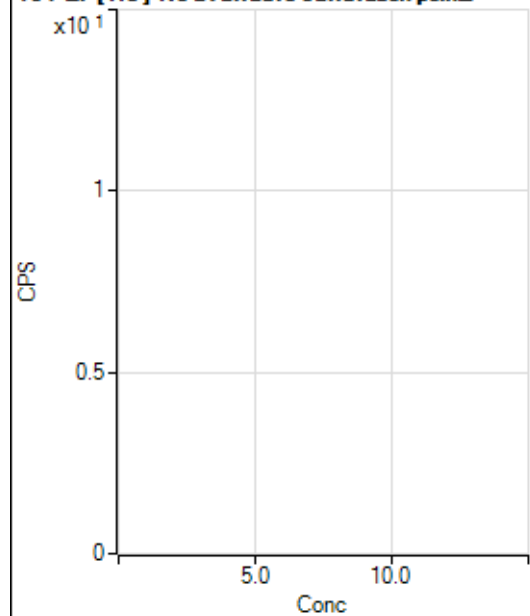
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.22		P	5.7
2	☐			135.56		P	5.1
3	☐			142.23		P	3.6
4	☐			181.11		P	6.5
5	☐			176.67		P	11.3
6	☐			282.23		P	10.7
7	☐			411.12		P	10.3
8	☐			940.04		P	5.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1086.72		P	4.4
2	☐			1045.61		P	3.7
3	☐			1013.38		P	13.3
4	☐			1086.72		P	6.3
5	☐			987.82		P	4.1
6	☐			1063.38		P	4.6
7	☐			1076.72		P	4.6
8	☐			1490.10		P	4.3

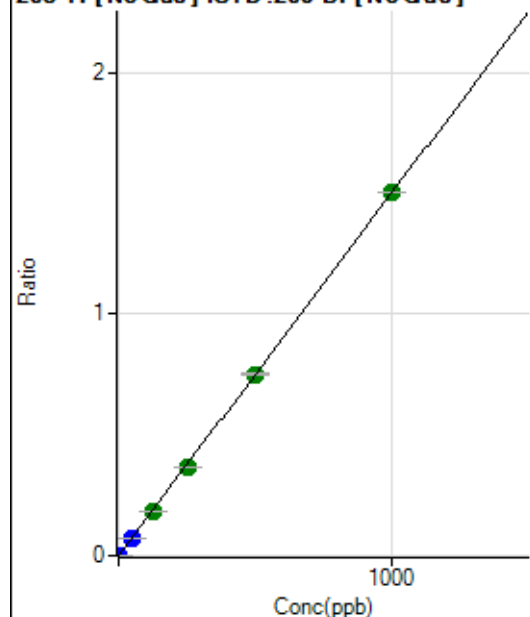
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.11		P	18.8
2	☐			101.11		P	5.0
3	☐			115.56		P	15.9
4	☐			134.45		P	8.0
5	☐			187.78		P	17.8
6	☐			313.34		P	13.8
7	☐			473.34		P	4.9
8	☐			1110.06		P	2.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.56		P	11.1
2	☐			60.00		P	44.5
3	☐			80.00		P	23.2
4	☐			104.45		P	10.3
5	☐			125.56		P	17.3
6	☐			196.67		P	10.2
7	☐			325.56		P	8.3
8	☐			710.02		P	4.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	401.12	0.0000	P	3.0
2	☐	1.000	0.931	23202.02	0.0014	P	1.9
3	☐	50.000	50.005	1164955.78	0.0750	P	0.6
4	☐	125.000	122.058	2966687.49	0.1830	A	0.8
5	☐	250.000	244.778	5799753.80	0.3670	A	0.4
6	☐	500.000	501.120	12073626.07	0.7512	A	1.7
7	☐	1000.000	1001.113	24317744.64	1.5008	A	0.1
8	☐			3278.22	0.0002	P	16.8

$$y = 0.0015 * x + 2.4273E-005$$

$$R = 1.0000$$

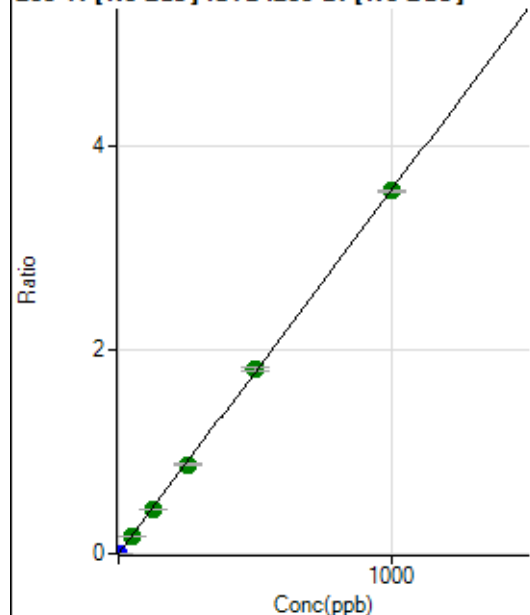
$$DL = 0.001438$$

$$BEC = 0.01619$$

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	912.26	0.0001	P	3.1
2	☐	1.000	0.940	55744.65	0.0034	P	2.3
3	☐	50.000	49.754	2760280.17	0.1777	A	0.3
4	☐	125.000	121.409	7027308.02	0.4335	A	1.8
5	☐	250.000	245.948	13877678.82	0.8781	A	0.3
6	☐	500.000	506.892	29083576.79	1.8096	A	1.8
7	☐	1000.000	998.028	57732582.47	3.5630	A	0.4
8	☐			8068.06	0.0006	P	13.1

$$y = 0.0036 * x + 5.5226E-005$$

$$R = 1.0000$$

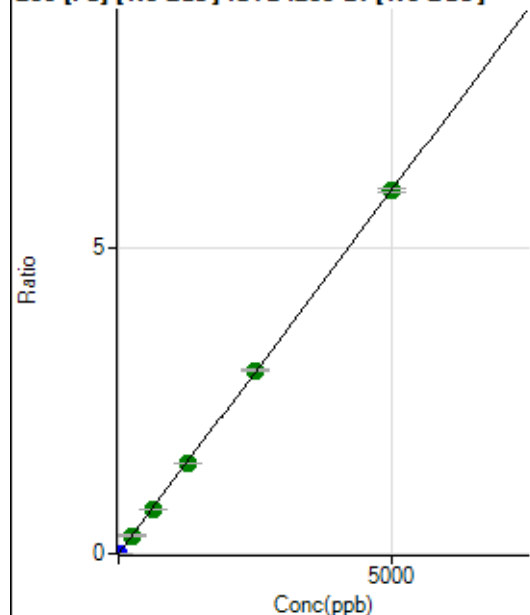
$$DL = 0.001453$$

$$BEC = 0.01547$$

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	927.82	0.0001	P	5.2
2	☐	1.000	0.944	19219.23	0.0012	P	0.8
3	☐	250.000	251.108	4630088.61	0.2980	A	0.8
4	☐	625.000	609.315	11722572.46	0.7231	A	1.3
5	☐	1250.000	1234.523	23154620.49	1.4650	A	0.1
6	☐	2500.000	2523.716	48134263.17	2.9949	A	1.5
7	☐	5000.000	4993.917	96024246.35	5.9263	A	1.0
8	☐			16898.39	0.0012	P	5.6

$$y = 0.0012 * x + 5.6151E-005$$

$$R = 1.0000$$

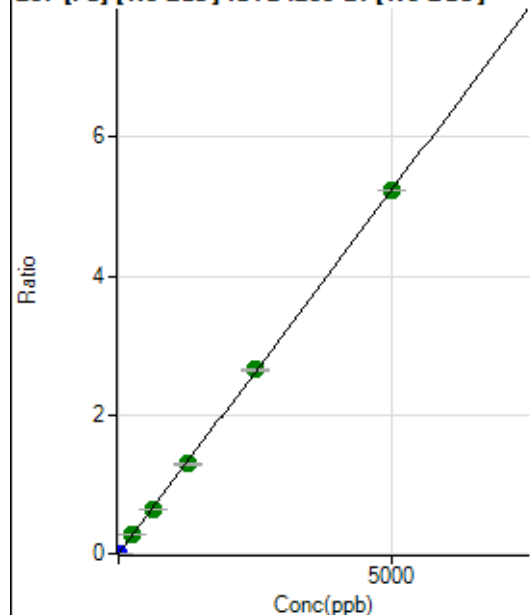
$$DL = 0.007332$$

$$BEC = 0.04732$$

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	831.15	0.0001	P	7.2
2	☐	1.000	0.941	16911.73	0.0010	P	1.8
3	☐	250.000	252.261	4101817.65	0.2640	A	0.6
4	☐	625.000	613.081	10400652.14	0.6416	A	0.8
5	☐	1250.000	1232.904	20390303.45	1.2901	A	0.8
6	☐	2500.000	2528.972	42532187.14	2.6463	A	1.5
7	☐	5000.000	4991.165	84625385.40	5.2227	A	0.1
8	☐			14945.00	0.0011	P	5.0

$$y = 0.0010 * x + 5.0329E-005$$

$$R = 1.0000$$

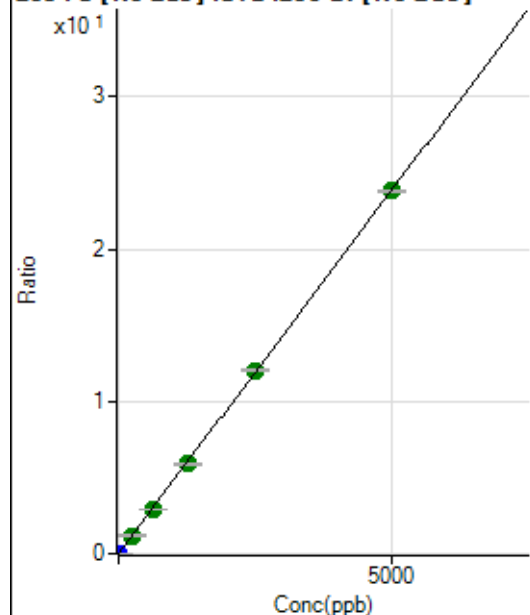
$$DL = 0.01046$$

$$BEC = 0.0481$$

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	3742.47	0.0002	P	1.9
2	☐	1.000	0.945	77331.10	0.0047	P	0.7
3	☐	250.000	251.203	18605843.89	1.1976	A	0.4
4	☐	625.000	609.507	47102360.06	2.9055	A	1.2
5	☐	1250.000	1231.543	92782865.98	5.8706	A	0.1
6	☐	2500.000	2521.189	193154613.23	12.0179	A	1.3
7	☐	5000.000	4995.896	385866470.91	23.8140	A	0.2
8	☐			67652.79	0.0048	P	4.5

$$y = 0.0048 * x + 2.2656E-004$$

$$R = 1.0000$$

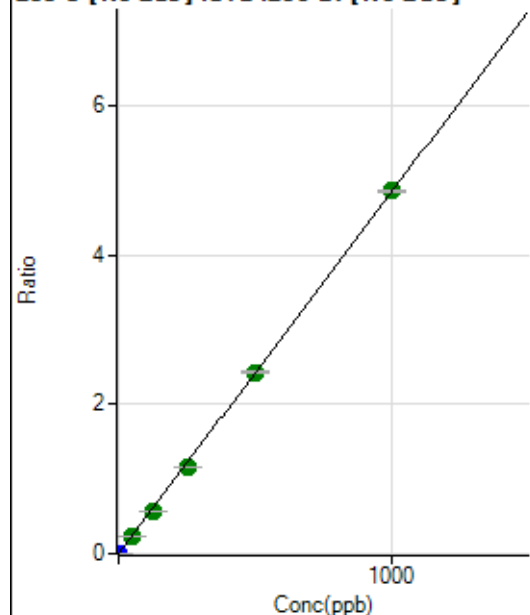
$$DL = 0.00272$$

$$BEC = 0.04753$$

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	42.22	0.0000	P	26.9
2	☐	1.000	0.853	67610.33	0.0041	P	0.9
3	☐	50.000	47.505	3577526.37	0.2303	A	1.1
4	☐	125.000	116.386	9146493.41	0.5642	A	2.2
5	☐	250.000	238.335	18261168.34	1.1554	A	0.7
6	☐	500.000	501.398	39066186.64	2.4307	A	1.3
7	☐	1000.000	1003.419	78819154.94	4.8644	A	0.4
8	☐			8298.23	0.0006	P	11.1

$$y = 0.0048 * x + 2.5522E-006$$

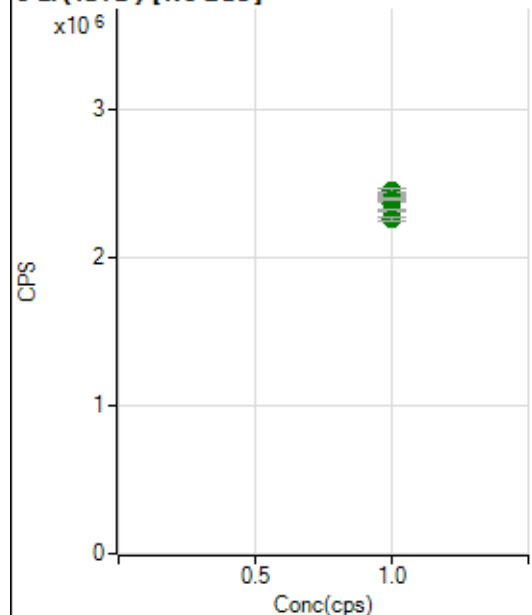
$$R = 0.9999$$

$$DL = 0.0004248$$

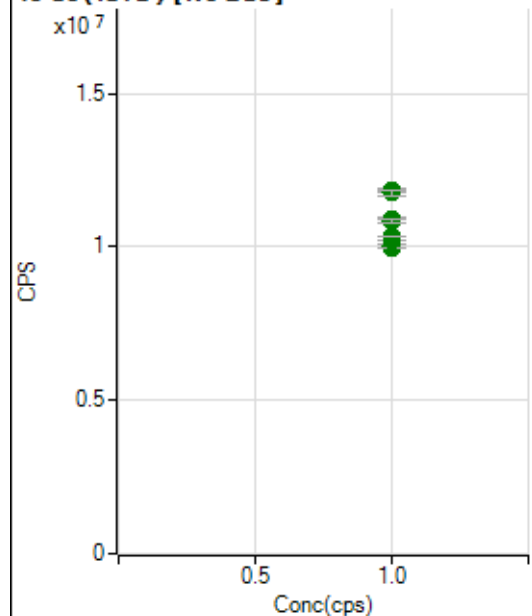
$$BEC = 0.0005265$$

Weight: <None>

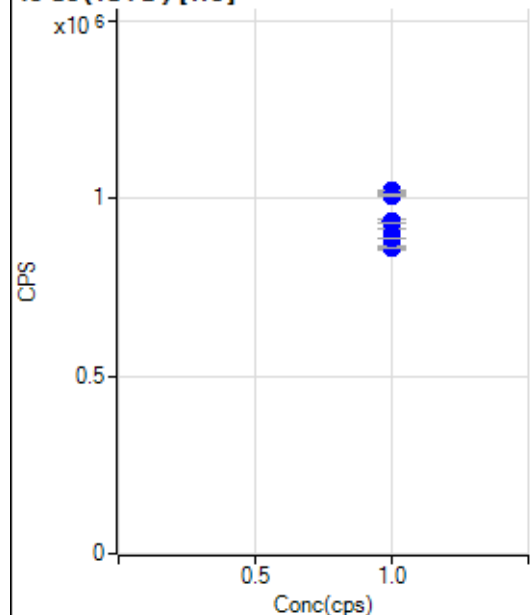
Min Conc: 0

6 Li (ISTD) [No Gas]

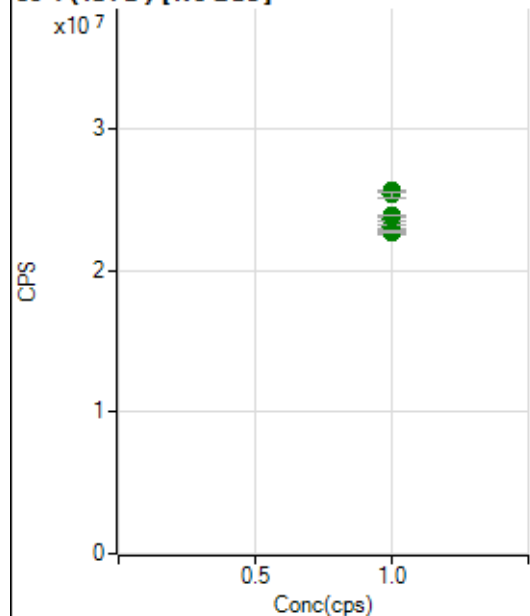
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2361268.25		A	2.8
2	☐	1.000		2406162.44		A	1.7
3	☐	1.000		2322968.43		A	0.7
4	☐	1.000		2454324.97		A	1.1
5	☐	1.000		2395311.37		A	1.7
6	☐	1.000		2392558.91		A	0.8
7	☐	1.000		2398799.76		A	0.7
8	☐	1.000		2264798.95		A	0.7

45 Sc (ISTD) [No Gas]

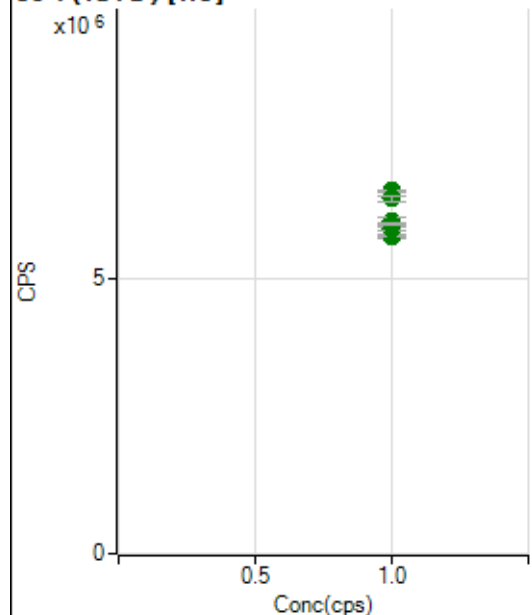
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11826825.38		A	1.0
2	☐	1.000		11762982.46		A	1.6
3	☐	1.000		10921035.25		A	0.7
4	☐	1.000		10841870.26		A	1.5
5	☐	1.000		10016651.24		A	1.1
6	☐	1.000		9967901.17		A	0.6
7	☐	1.000		10211244.78		A	0.4
8	☐	1.000		10366253.80		A	0.1

45 Sc (ISTD) [He]

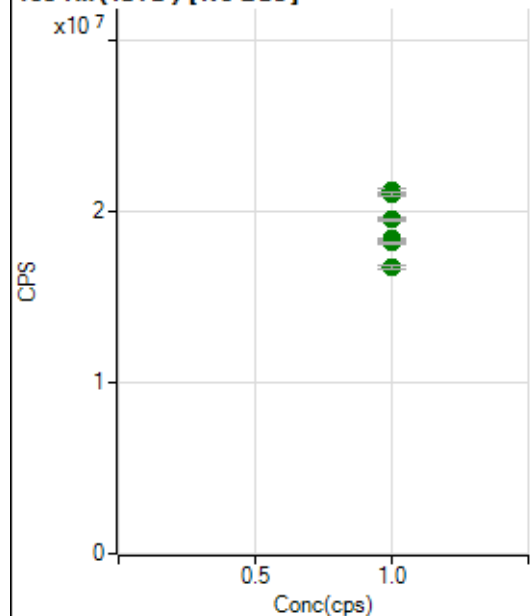
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1021417.29		P	0.6
2	☐	1.000		1008241.81		P	0.5
3	☐	1.000		936499.18		P	1.3
4	☐	1.000		915763.98		P	0.1
5	☐	1.000		859737.12		P	0.6
6	☐	1.000		864637.73		P	0.5
7	☐	1.000		888160.18		P	0.5
8	☐	1.000		930475.75		P	0.0

89 Y (ISTD) [No Gas]

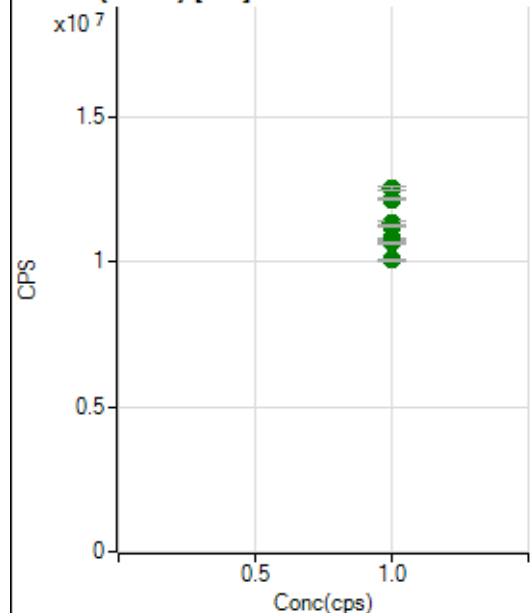
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		25617631.01		A	0.5
2	☐	1.000		25335084.62		A	1.5
3	☐	1.000		23629971.59		A	0.7
4	☐	1.000		23906388.26		A	0.3
5	☐	1.000		22694910.77		A	0.6
6	☐	1.000		22663735.22		A	0.5
7	☐	1.000		23120914.10		A	0.9
8	☐	1.000		22725476.88		A	0.8

89 Y (ISTD) [He]

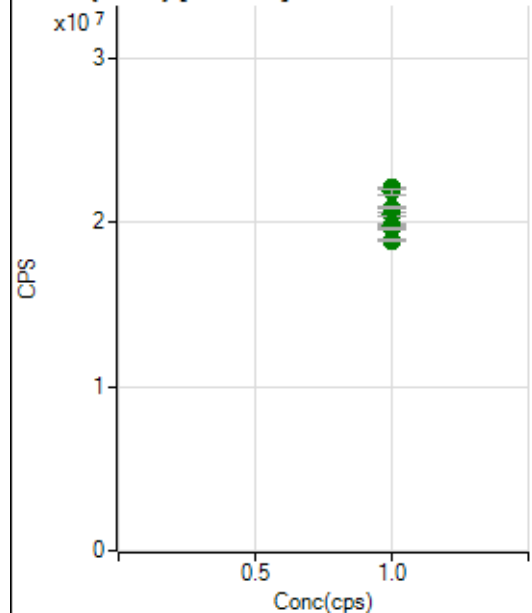
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6608059.14		A	0.6
2	☐	1.000		6463031.01		A	1.5
3	☐	1.000		6065593.73		A	1.7
4	☐	1.000		6005928.31		A	1.0
5	☐	1.000		5766191.23		A	1.3
6	☐	1.000		5799963.52		A	0.8
7	☐	1.000		5915859.77		A	1.2
8	☐	1.000		5994631.16		A	0.6

103 Rh (ISTD) [No Gas]

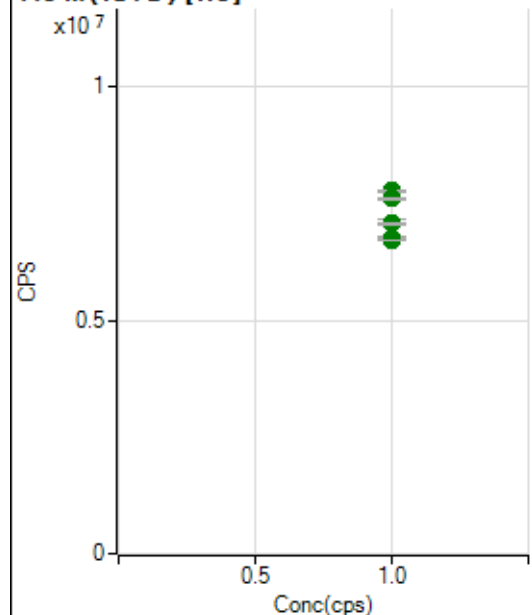
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21165831.35		A	1.2
2	☐	1.000		20955783.02		A	1.4
3	☐	1.000		19533415.13		A	1.0
4	☐	1.000		19496717.35		A	0.4
5	☐	1.000		18354058.20		A	1.1
6	☐	1.000		18138342.37		A	1.0
7	☐	1.000		18135558.62		A	0.7
8	☐	1.000		16677621.83		A	1.2

103 Rh (ISTD) [He]

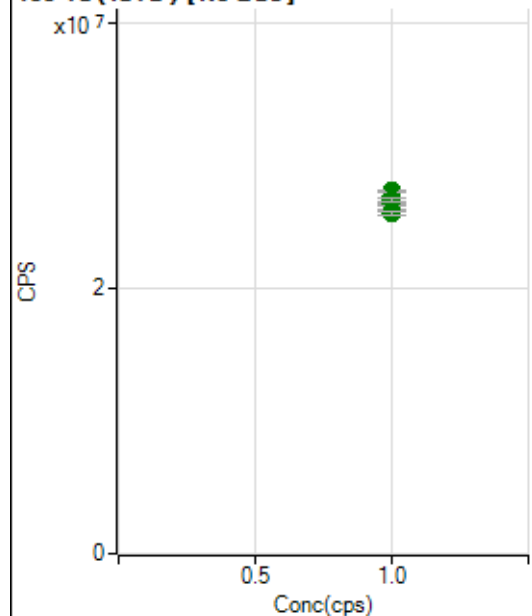
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12517877.73		A	1.0
2	☐	1.000		12164574.13		A	0.7
3	☐	1.000		11359287.89		A	1.3
4	☐	1.000		11228384.56		A	0.6
5	☐	1.000		10796801.09		A	0.8
6	☐	1.000		10704081.30		A	0.4
7	☐	1.000		10668985.67		A	0.5
8	☐	1.000		10057004.36		A	0.7

115 In (ISTD) [No Gas]

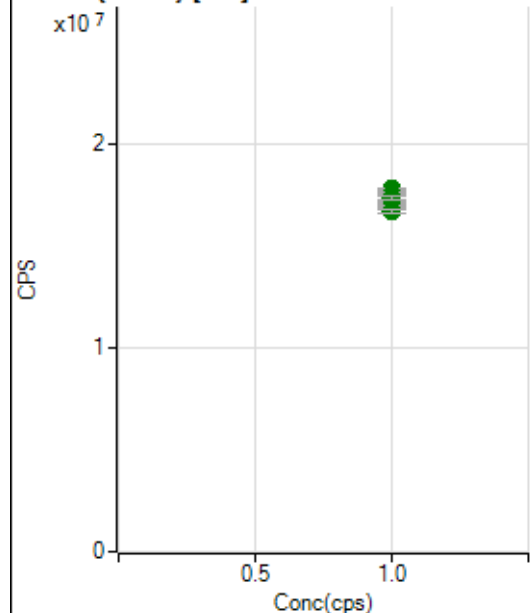
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		22087660.89		A	0.7
2	☐	1.000		21887137.41		A	1.6
3	☐	1.000		20491588.83		A	1.3
4	☐	1.000		20872994.52		A	0.2
5	☐	1.000		19779706.66		A	0.5
6	☐	1.000		19757835.94		A	1.0
7	☐	1.000		19620315.21		A	0.8
8	☐	1.000		18896669.27		A	0.2

115 In (ISTD) [He]

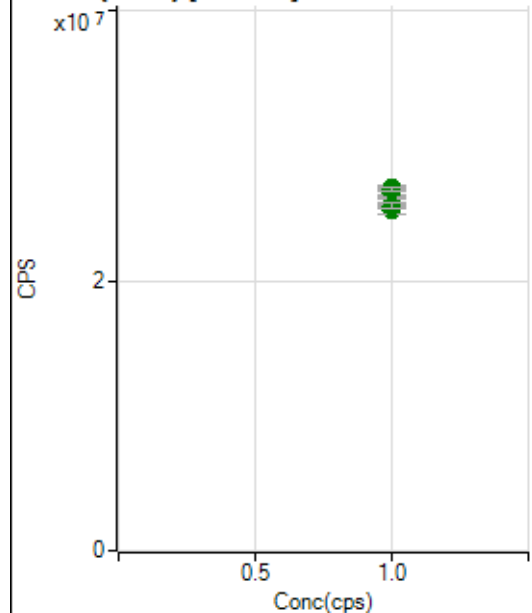
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7767507.27		A	0.9
2	☐	1.000		7597260.05		A	1.0
3	☐	1.000		7098382.45		A	1.7
4	☐	1.000		7061633.71		A	0.4
5	☐	1.000		6758384.90		A	0.4
6	☐	1.000		6753399.38		A	0.6
7	☐	1.000		6758949.60		A	0.5
8	☐	1.000		6701183.02		A	0.1

159 Tb (ISTD) [No Gas]

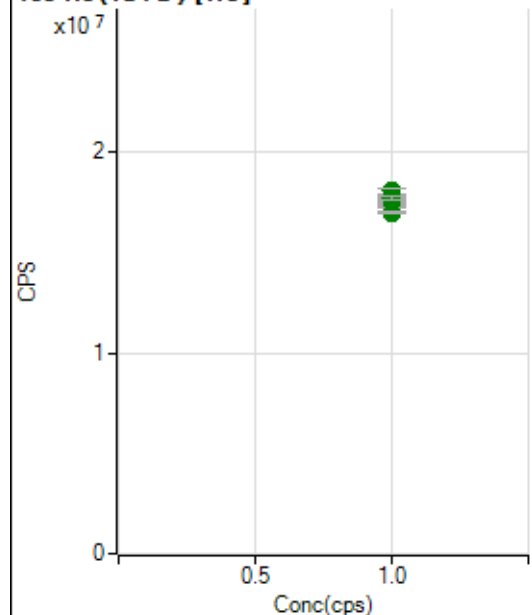
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27388582.37		A	0.3
2	☐	1.000		27060398.21		A	1.3
3	☐	1.000		25916565.73		A	0.9
4	☐	1.000		26649019.33		A	1.2
5	☐	1.000		25865924.34		A	0.4
6	☐	1.000		26436012.66		A	0.8
7	☐	1.000		26764290.71		A	1.0
8	☐	1.000		25696512.12		A	1.5

159 Tb (ISTD) [He]

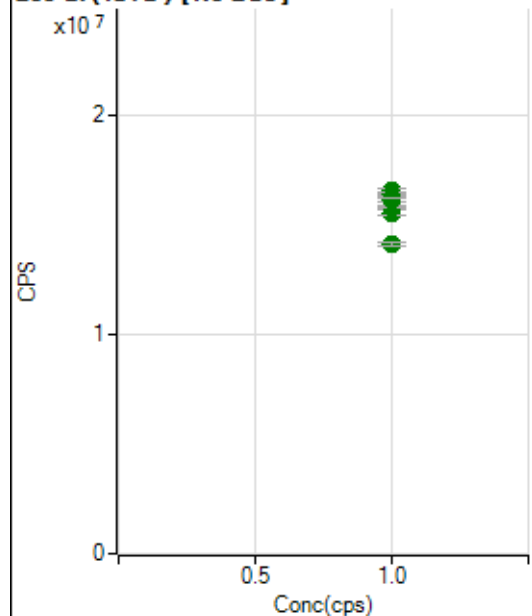
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17800965.15		A	0.7
2	☐	1.000		17564005.71		A	0.6
3	☐	1.000		16773762.95		A	1.6
4	☐	1.000		17230669.74		A	0.3
5	☐	1.000		17015898.63		A	0.5
6	☐	1.000		17249872.52		A	0.6
7	☐	1.000		17322921.41		A	1.1
8	☐	1.000		16715378.92		A	1.2

165 Ho (ISTD) [No Gas]

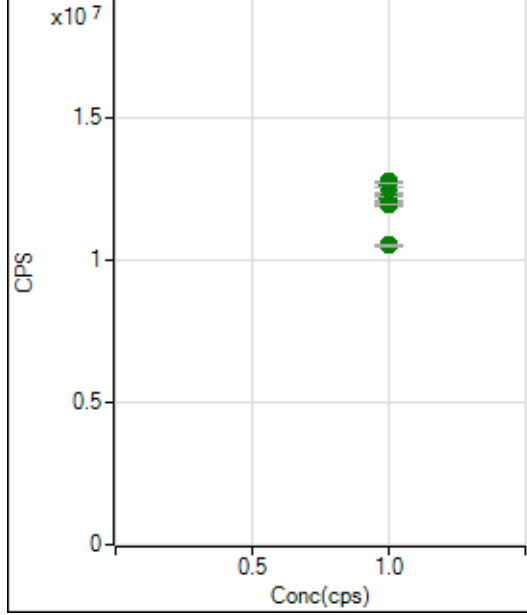
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26873625.43		A	1.4
2	☐	1.000		26524130.72		A	1.7
3	☐	1.000		25153583.51		A	1.5
4	☐	1.000		26266297.39		A	1.1
5	☐	1.000		25550049.62		A	0.4
6	☐	1.000		26187160.16		A	0.5
7	☐	1.000		26766796.55		A	0.7
8	☐	1.000		25528171.84		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18090615.15		A	1.5
2	☐	1.000		17679369.04		A	0.6
3	☐	1.000		17227804.74		A	1.5
4	☐	1.000		17493879.60		A	0.3
5	☐	1.000		17294226.41		A	0.3
6	☐	1.000		17580425.71		A	0.6
7	☐	1.000		17752977.79		A	0.9
8	☐	1.000		17014178.50		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16521314.48		A	1.3
2	☐	1.000		16346764.34		A	1.3
3	☐	1.000		15535727.55		A	1.3
4	☐	1.000		16211729.06		A	0.5
5	☐	1.000		15804660.32		A	0.4
6	☐	1.000		16073426.43		A	1.1
7	☐	1.000		16203376.42		A	0.2
8	☐	1.000		14090736.46		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12725462.31		A	0.8
2	☐	1.000		12634860.92		A	0.9
3	☐	1.000		11998790.93		A	1.7
4	☐	1.000		12329749.95		A	0.5
5	☐	1.000		12030293.29		A	0.5
6	☐	1.000		12124966.90		A	0.9
7	☐	1.000		11942695.24		A	0.4
8	☐	1.000		10492619.43		A	0.4