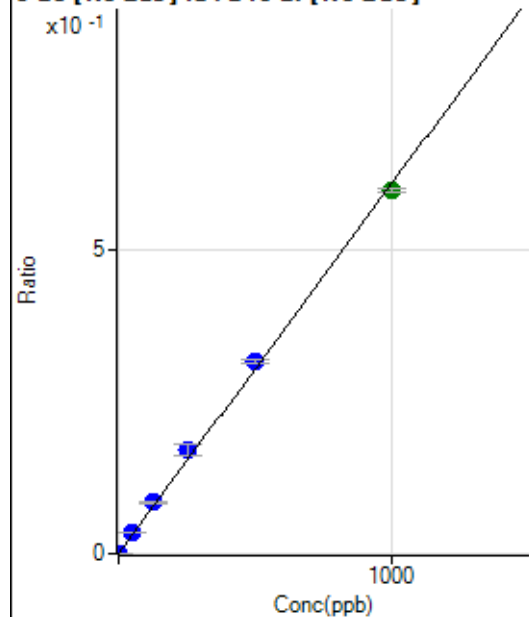


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7091324-MS3.b\
Analysis File: P7091324-MS3.batch.bin
DA Date-Time: 2024-09-13 22:54:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-09-13 17:54:51
2	005CALS.d	S02	2024-09-13 17:58:08
3	006CALS.d	S03	2024-09-13 18:01:26
4	007CALS.d	S04	2024-09-13 18:04:33
5	008CALS.d	S05	2024-09-13 18:07:34
6	010CALS.d	S06	2024-09-13 18:13:15
7	011CALS.d	S07	2024-09-13 18:16:02
8	012CALS.d	S08	2024-09-13 18:18:49

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	19.4
2	☐	1.000	1.022	1031.16	0.0006	P	13.4
3	☐	50.000	56.351	55794.20	0.0344	P	3.4
4	☐	125.000	138.054	143960.06	0.0842	P	1.1
5	☐	250.000	280.684	287145.17	0.1711	P	10.4
6	☐	500.000	518.121	573225.16	0.3159	P	1.9
7	☐	1000.000	981.319	1081350.41	0.5983	A	1.1
8	☐			331.12	0.0002	P	5.0

$$y = 6.0965\text{E-}004 * x + 1.8954\text{E-}005$$

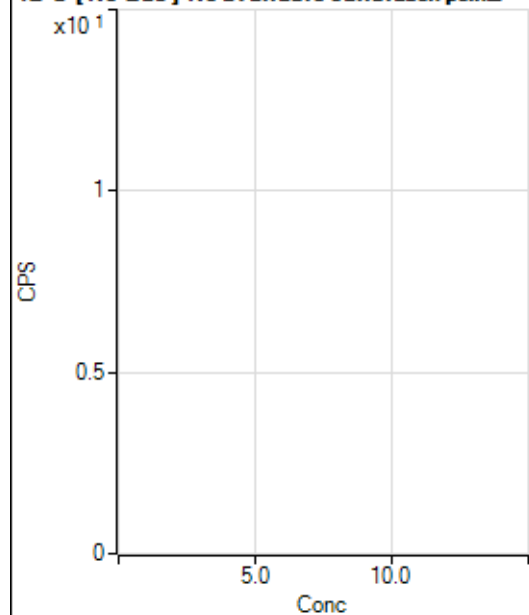
$$R = 0.9992$$

$$DL = 0.01812$$

$$BEC = 0.03109$$

Weight: <None>

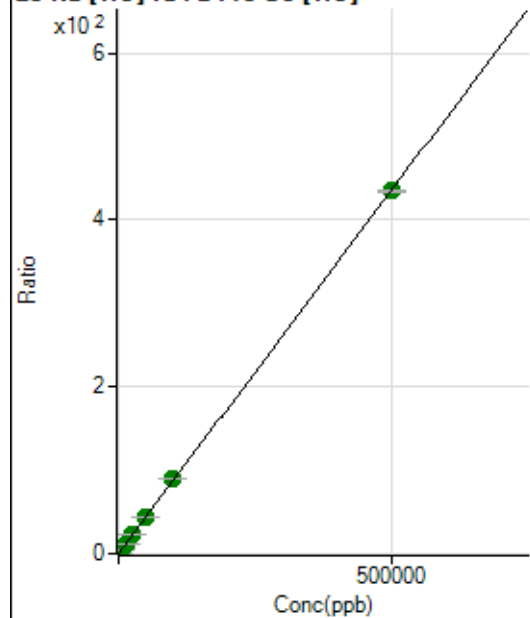
Min Conc: 0

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	12567.43	0.0328	P	1.3
2	☐	500.000	510.261	183280.74	0.4771	P	2.2
3	☐	5000.000	5005.760	1693596.15	4.3913	A	1.3
4	☐	12500.000	12898.826	4207358.37	11.2638	A	0.8
5	☐	25000.000	25965.178	8291009.04	22.6407	A	4.0
6	☐	50000.000	50627.837	16049271.57	44.1144	A	1.9
7	☐	100000.00	103532.78	32590582.29	90.1786	A	0.5
8	☐	500000.00	499172.36	156820703.2	434.6613	A	0.8

$$y = 8.7070\text{E-}004 * x + 0.0328$$

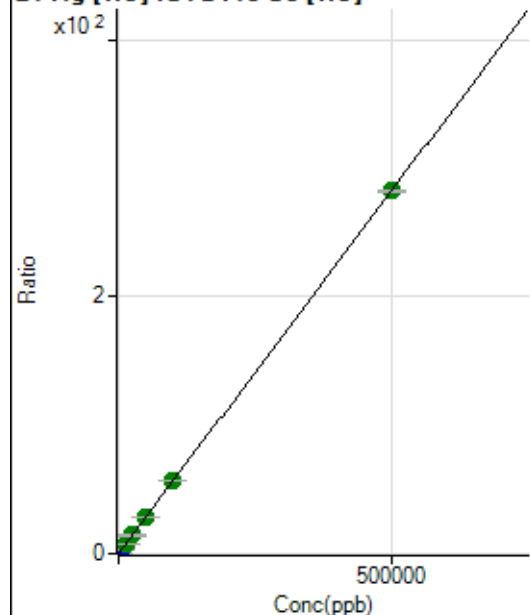
$$R = 1.0000$$

$$DL = 1.49$$

$$BEC = 37.71$$

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	323.34	0.0008	P	18.4
2	☐	500.000	494.730	107633.37	0.2802	P	2.7
3	☐	5000.000	5134.034	1118222.46	2.8999	P	0.8
4	☐	12500.000	12689.489	2676843.45	7.1663	A	1.1
5	☐	25000.000	25496.968	5273925.90	14.3983	A	3.1
6	☐	50000.000	49727.510	10216328.25	28.0807	A	1.6
7	☐	100000.00	100072.71	20422598.03	56.5093	A	0.1
8	☐	500000.00	499981.78	101862065.1	282.3277	A	0.6

$$y = 5.6467\text{E-}004 * x + 8.4467\text{E-}004$$

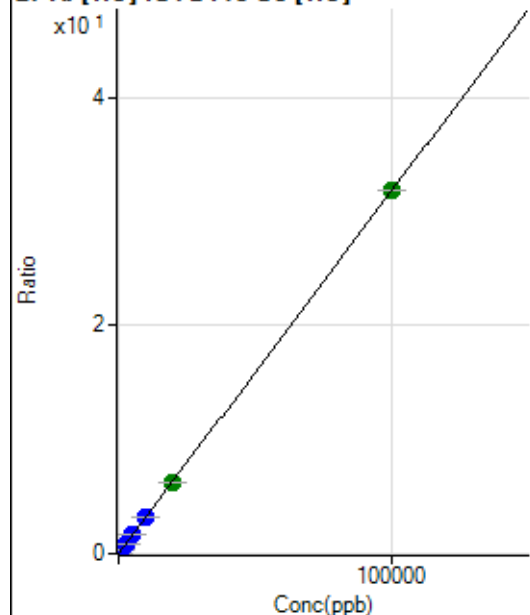
$$R = 1.0000$$

$$DL = 0.8258$$

$$BEC = 1.496$$

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	140.00	0.0004	P	29.5
2	☐	20.000	20.785	2679.15	0.0070	P	5.2
3	☐	1000.000	1010.161	124045.44	0.3217	P	1.1
4	☐	2500.000	2555.595	303784.33	0.8133	P	1.2
5	☐	5000.000	5158.542	601072.16	1.6413	P	3.9
6	☐	10000.000	10096.845	1168646.44	3.2122	P	1.8
7	☐	20000.000	19691.696	2263937.97	6.2643	A	0.3
8	☐	100000.00	100042.55	11482111.91	31.8240	A	0.1

$$y = 3.1810\text{E-}004 * x + 3.6567\text{E-}004$$

$$R = 1.0000$$

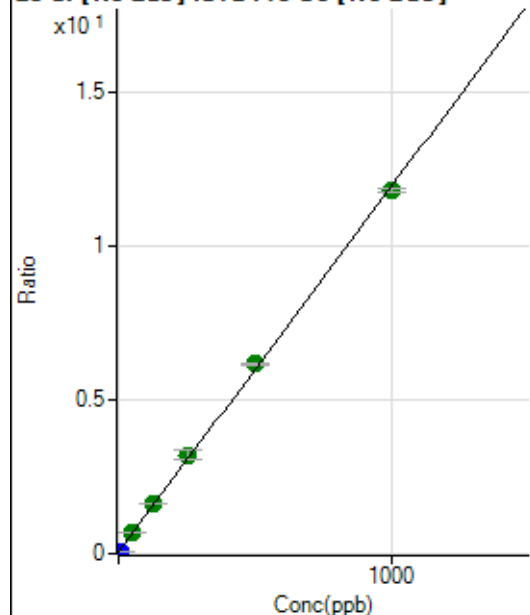
$$DL = 1.019$$

$$BEC = 1.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313767.71	0.0591	P	1.3
2	☐	10.000	0.293	332225.62	0.0625	P	1.1
3	☐	50.000	52.808	3669592.93	0.6852	A	1.5
4	☐	125.000	131.683	8472850.29	1.6205	A	1.0
5	☐	250.000	265.578	16509259.75	3.2081	A	11.0
6	☐	500.000	515.064	32409394.79	6.1663	A	0.9
7	☐	1000.000	987.695	62639772.96	11.7705	A	1.2
8	☐			577088.59	0.1154	P	4.5

$$y = 0.0119 * x + 0.0591$$

$$R = 0.9996$$

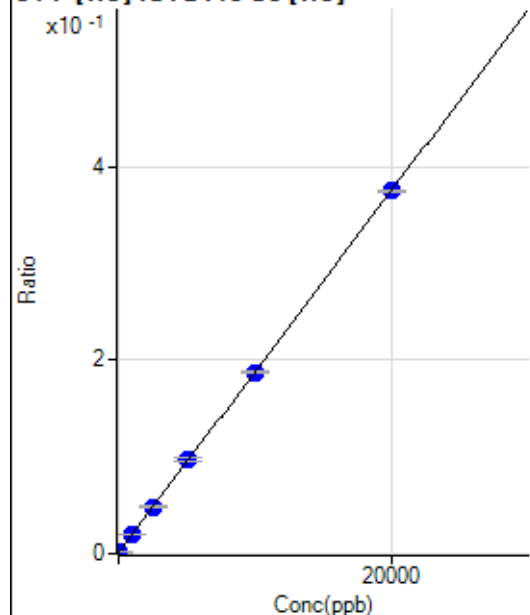
$$DL = 0.1925$$

$$BEC = 4.98$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-13.724	255.56	0.0007	P	10.0
2	☐	0.000	13.724	453.34	0.0012	P	11.0
3	☐	1000.000	990.049	7507.46	0.0195	P	1.6
4	☐	2500.000	2536.572	18088.56	0.0484	P	1.6
5	☐	5000.000	5122.261	35458.84	0.0968	P	4.9
6	☐	10000.000	9978.213	68324.88	0.1878	P	1.5
7	☐	20000.000	19976.254	135529.50	0.3750	P	0.2
8	☐			278.90	0.0008	P	6.9

$$y = 1.8727E-005 * x + 9.2468E-004$$

$$R = 1.0000$$

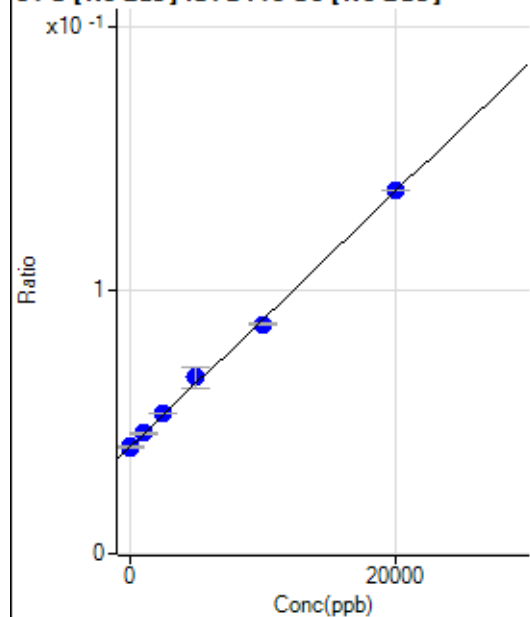
$$DL = 15.76$$

$$BEC = 49.38$$

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	-19.168	214472.41	0.0404	P	1.4
2	☐	0.000	19.168	215449.45	0.0406	P	1.1
3	☐	1000.000	1077.648	244644.66	0.0457	P	2.4
4	☐	2500.000	2667.854	279239.61	0.0534	P	0.6
5	☐	5000.000	5464.359	344495.15	0.0670	P	11.7
6	☐	10000.000	9630.146	458277.17	0.0872	P	0.3
7	☐	20000.000	20043.973	732979.13	0.1377	P	0.1
8	☐			170770.92	0.0341	P	0.8

$$y = 4.8528\text{E-}006 * x + 0.0405$$

R = 0.9994

DL = 311.9

BEC = 8337

Weight: <None>

Min Conc: 0

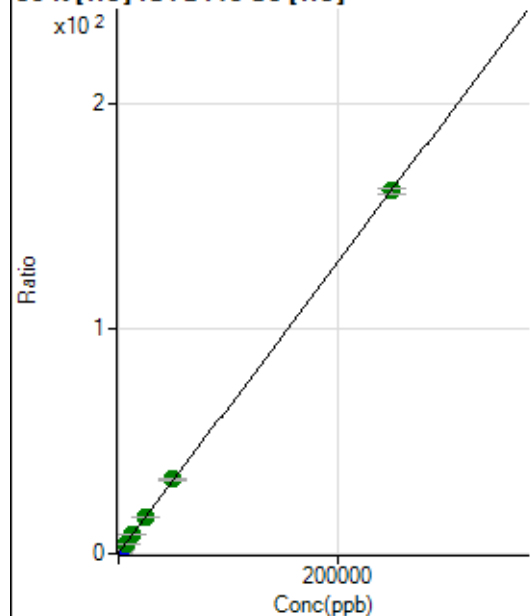
35 Cl [No Gas] No available calibration points



	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	53850.55	0.1407	P	0.2
2	☐	500.000	524.522	183923.40	0.4788	P	2.2
3	☐	2500.000	2702.058	725828.86	1.8824	P	1.1
4	☐	6250.000	6471.419	1610572.98	4.3120	A	0.9
5	☐	12500.000	12919.002	3101403.60	8.4679	A	3.4
6	☐	25000.000	25178.832	5956203.52	16.3701	A	1.3
7	☐	50000.000	50835.158	11892768.71	32.9073	A	0.8
8	☐	250000.00	249786.53	58136040.25	161.1447	A	1.8

$$y = 6.4457E-004 * x + 0.1407$$

$$R = 1.0000$$

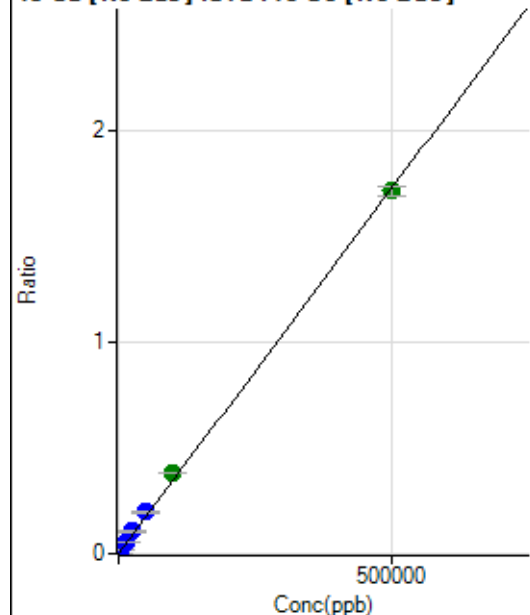
$$DL = 1.266$$

$$BEC = 218.3$$

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	343.34	0.0001	P	14.5
2	☐	500.000	508.786	9680.93	0.0018	P	1.7
3	☐	5000.000	5836.958	108305.73	0.0202	P	3.2
4	☐	12500.000	14957.514	270505.90	0.0517	P	0.4
5	☐	25000.000	30337.983	539274.54	0.1049	P	12.0
6	☐	50000.000	56963.323	1034571.14	0.1968	P	1.5
7	☐	100000.00	110356.99	2029153.70	0.3813	A	0.9
8	☐	500000.00	496895.55	8584712.09	1.7166	A	2.7

$$y = 3.4545\text{E-}006 * x + 6.4642\text{E-}005$$

$$R = 0.9997$$

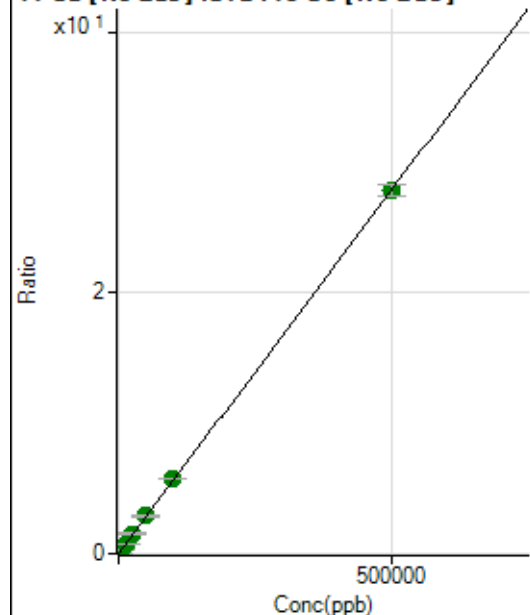
$$DL = 8.115$$

$$BEC = 18.71$$

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	10609.83	0.0020	P	2.8
2	☐	500.000	513.544	162574.30	0.0306	P	1.9
3	☐	5000.000	5243.052	1574596.12	0.2940	A	1.8
4	☐	12500.000	13253.761	3870627.34	0.7403	A	1.0
5	☐	25000.000	27185.120	7795299.95	1.5163	A	12.3
6	☐	50000.000	51826.564	15183212.41	2.8888	A	1.4
7	☐	100000.00	103305.06	30634927.32	5.7563	A	1.0
8	☐	500000.00	499025.78	139019805.7	27.7987	A	3.2

$$y = 5.5702\text{E-}005 * x + 0.0020$$

$$R = 1.0000$$

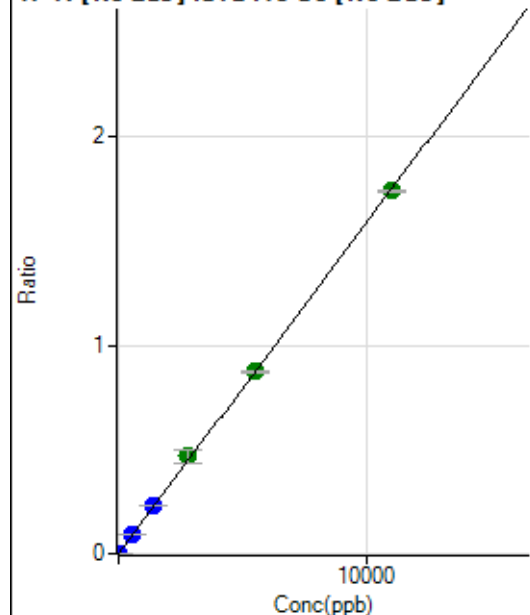
$$DL = 3.047$$

$$BEC = 35.84$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.22	0.0000	P	45.5
2	☐	5.000	4.840	4288.43	0.0008	P	1.8
3	☐	550.000	563.032	479305.14	0.0895	P	2.7
4	☐	1375.000	1443.113	1199319.08	0.2294	P	1.7
5	☐	2750.000	2936.155	2398850.16	0.4667	A	12.5
6	☐	5500.000	5486.504	4582960.70	0.8720	A	1.4
7	☐	11000.000	10951.044	9262400.69	1.7404	A	0.3
8	☐			2743.61	0.0005	P	8.7

$$y = 1.5892E-004 * x + 3.8005E-005$$

$$R = 0.9998$$

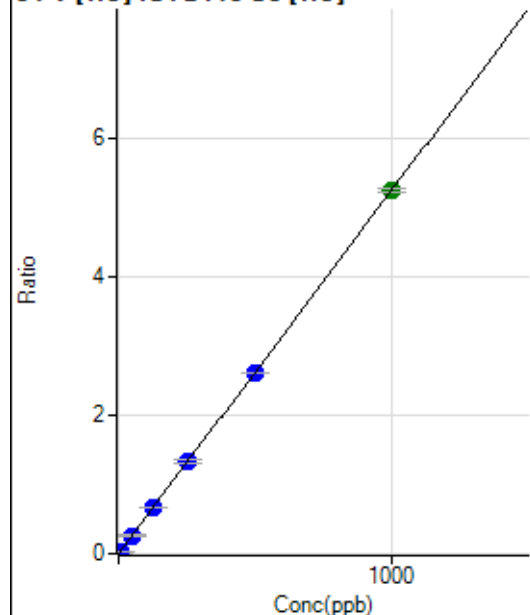
$$DL = 0.3265$$

$$BEC = 0.2391$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	33.4
2	☐	5.000	4.848	9781.03	0.0255	P	4.1
3	☐	50.000	49.914	100981.72	0.2619	P	2.0
4	☐	125.000	127.162	249212.16	0.6672	P	0.8
5	☐	250.000	253.828	487652.93	1.3318	P	4.4
6	☐	500.000	499.569	953670.24	2.6211	P	0.2
7	☐	1000.000	998.993	1894200.77	5.2415	A	1.2
8	☐			760.03	0.0021	P	12.9

$$y = 0.0052 * x + 2.6130E-005$$

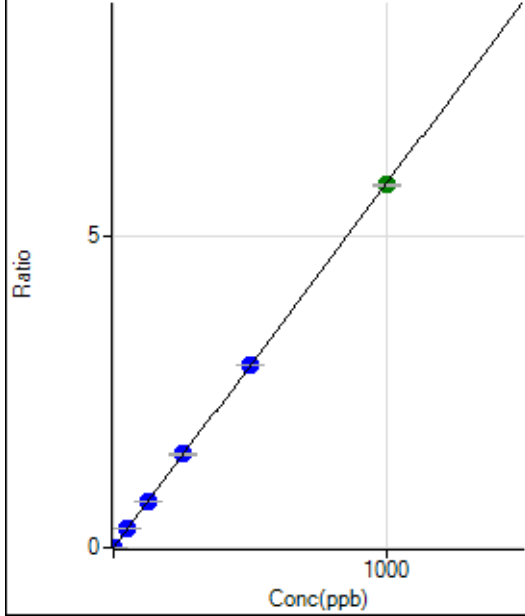
$$R = 1.0000$$

$$DL = 0.004987$$

$$BEC = 0.00498$$

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	566.69	0.0015	P	5.0
2	☐	2.000	2.069	5204.28	0.0135	P	2.3
3	☐	50.000	50.614	114404.45	0.2967	P	0.8
4	☐	125.000	128.506	280510.04	0.7510	P	0.7
5	☐	250.000	256.142	547637.51	1.4954	P	4.0
6	☐	500.000	502.975	1067925.06	2.9351	P	0.4
7	☐	1000.000	996.508	2101058.40	5.8136	A	0.2
8	☐			10243.55	0.0284	P	1.0

$$y = 0.0058 * x + 0.0015$$

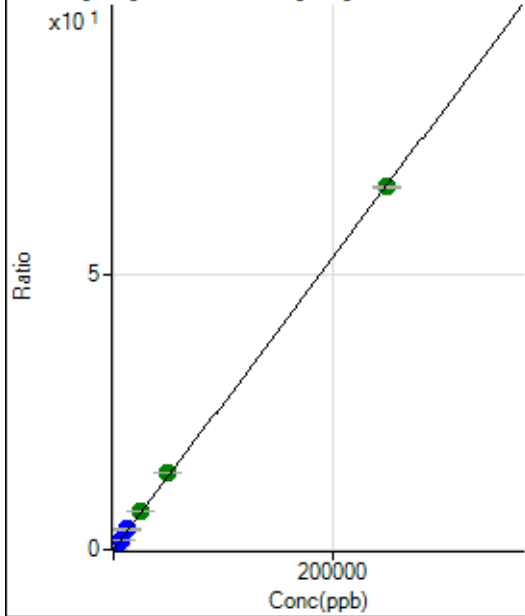
$$R = 1.0000$$

$$DL = 0.03818$$

$$BEC = 0.2539$$

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	1384.52	0.0036	P	4.0
2	☐	50.000	55.001	6972.78	0.0181	P	0.6
3	☐	2500.000	2754.467	281950.85	0.7312	P	0.7
4	☐	6250.000	7010.936	693060.04	1.8555	P	0.1
5	☐	12500.000	13984.491	1354061.39	3.6975	P	3.9
6	☐	25000.000	26442.409	2542513.15	6.9881	A	0.3
7	☐	50000.000	52722.125	5034204.78	13.9295	A	1.1
8	☐	250000.00	249215.54	23752061.03	65.8310	A	0.2

$$y = 2.6414E-004 * x + 0.0036$$

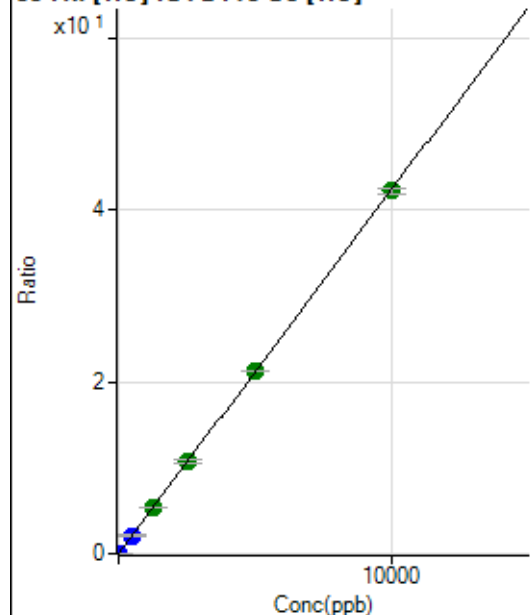
$$R = 0.9999$$

$$DL = 1.654$$

$$BEC = 13.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	411.12	0.0011	P	5.7
2	☐	1.000	1.017	2071.27	0.0054	P	3.3
3	☐	500.000	501.430	820419.76	2.1276	P	0.9
4	☐	1250.000	1280.513	2028755.77	5.4316	A	1.3
5	☐	2500.000	2559.575	3975654.39	10.8559	A	4.2
6	☐	5000.000	5029.021	7759981.97	21.3285	A	0.6
7	☐	10000.000	9966.710	15275525.19	42.2686	A	1.4
8	☐			9617.59	0.0267	P	0.2

$$y = 0.0042 * x + 0.0011$$

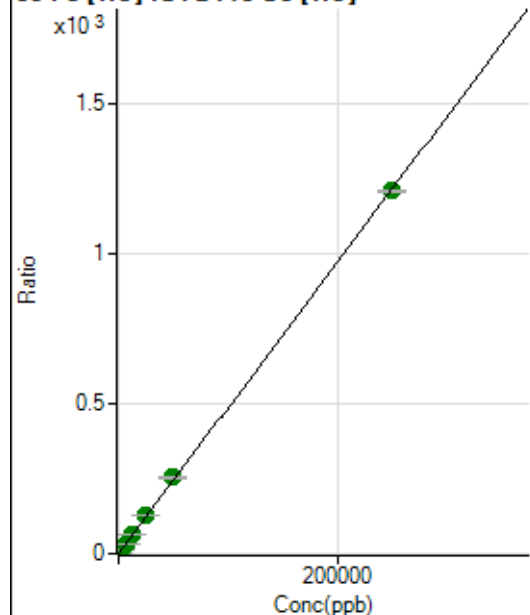
$$R = 1.0000$$

$$DL = 0.04355$$

$$BEC = 0.2533$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9566.43	0.0250	P	1.8
2	☐	50.000	53.683	109450.23	0.2849	P	2.4
3	☐	2500.000	2614.322	4891351.69	12.6835	A	0.2
4	☐	6250.000	6682.706	12095821.76	32.3826	A	0.6
5	☐	12500.000	13337.021	23652505.20	64.6027	A	5.1
6	☐	25000.000	26229.966	46216693.76	127.0302	A	1.0
7	☐	50000.000	52359.063	91629827.52	253.5470	A	0.9
8	☐	250000.00	249351.37	435620713.5	1,207.381	A	0.4

$$y = 0.0048 * x + 0.0250$$

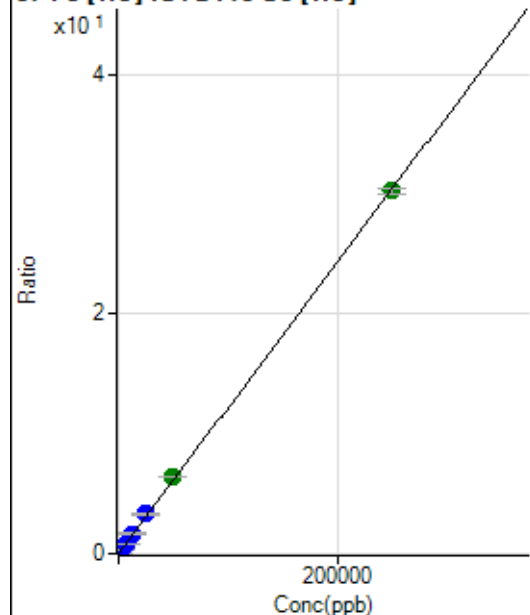
$$R = 0.9999$$

$$DL = 0.2818$$

$$BEC = 5.162$$

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	1682.33	0.0044	P	1.0
2	☐	50.000	54.920	4250.64	0.0111	P	5.6
3	☐	2500.000	2687.357	127633.14	0.3310	P	0.5
4	☐	6250.000	6895.199	314633.17	0.8423	P	0.4
5	☐	12500.000	13782.109	614973.87	1.6793	P	3.8
6	☐	25000.000	27071.705	1198505.66	3.2943	P	1.3
7	☐	50000.000	52519.330	2308186.08	6.3868	A	1.2
8	☐	250000.00	249206.85	10927488.72	30.2890	A	1.6

$$y = 1.2152\text{E-}004 * x + 0.0044$$

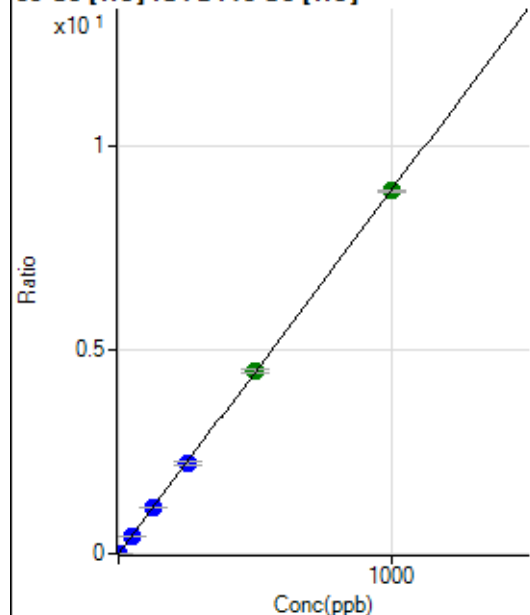
$$R = 0.9999$$

$$DL = 1.137$$

$$BEC = 36.17$$

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	103.33	0.0003	P	11.7
2	☐	1.000	1.040	3662.70	0.0095	P	5.4
3	☐	50.000	49.788	171158.96	0.4439	P	1.1
4	☐	125.000	126.082	419717.34	1.1237	P	0.7
5	☐	250.000	250.381	817036.00	2.2312	P	4.1
6	☐	500.000	503.390	1631878.31	4.4855	A	2.0
7	☐	1000.000	998.085	3213971.93	8.8932	A	0.6
8	☐			8522.50	0.0236	P	2.0

$$y = 0.0089 * x + 2.7001\text{E-}004$$

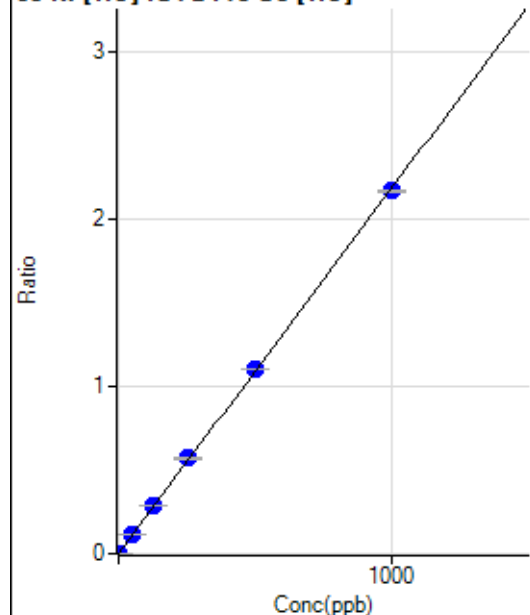
$$R = 1.0000$$

$$DL = 0.01067$$

$$BEC = 0.0303$$

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	121.11	0.0003	P	7.0
2	☐	1.000	1.121	1062.27	0.0028	P	6.0
3	☐	50.000	52.217	44042.34	0.1142	P	1.2
4	☐	125.000	130.809	106697.34	0.2857	P	0.5
5	☐	250.000	260.971	208603.30	0.5696	P	3.7
6	☐	500.000	505.989	401691.58	1.1041	P	0.3
7	☐	1000.000	993.426	783263.49	2.1673	P	0.5
8	☐			4236.19	0.0117	P	1.0

$$y = 0.0022 * x + 3.1645E-004$$

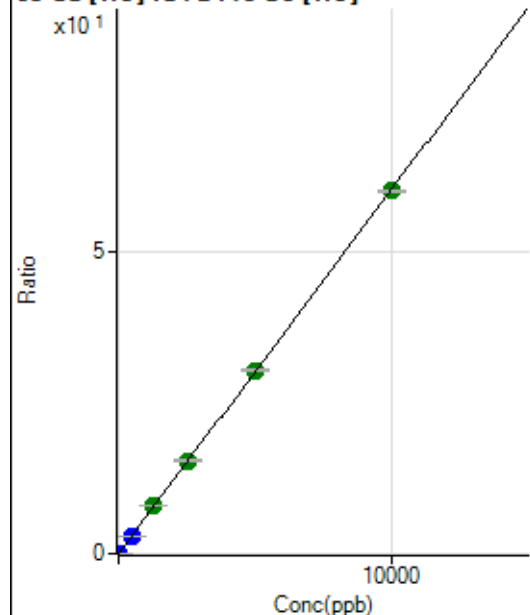
$$R = 0.9999$$

$$DL = 0.03047$$

$$BEC = 0.1451$$

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	731.14	0.0019	P	12.0
2	☐	2.000	1.903	5139.82	0.0134	P	3.5
3	☐	500.000	491.516	1142820.79	2.9638	P	1.1
4	☐	1250.000	1302.483	2932354.54	7.8507	A	0.8
5	☐	2500.000	2556.647	5643854.29	15.4083	A	3.2
6	☐	5000.000	5033.825	11036866.64	30.3359	A	1.1
7	☐	10000.000	9962.790	21697961.34	60.0380	A	0.2
8	☐			6525.92	0.0181	P	3.1

$$y = 0.0060 * x + 0.0019$$

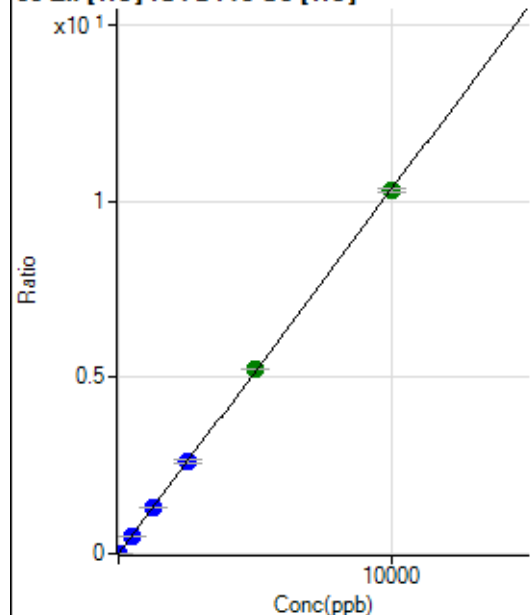
$$R = 1.0000$$

$$DL = 0.1146$$

$$BEC = 0.317$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	524.46	0.0014	P	1.2
2	☐	5.000	5.332	2643.60	0.0069	P	7.2
3	☐	500.000	495.769	198268.66	0.5142	P	1.6
4	☐	1250.000	1261.442	487919.53	1.3063	P	0.2
5	☐	2500.000	2533.219	960237.43	2.6219	P	3.5
6	☐	5000.000	5067.218	1907647.26	5.2431	A	1.0
7	☐	10000.000	9956.867	3722956.99	10.3012	A	0.9
8	☐			2279.08	0.0063	P	4.9

$$y = 0.0010 * x + 0.0014$$

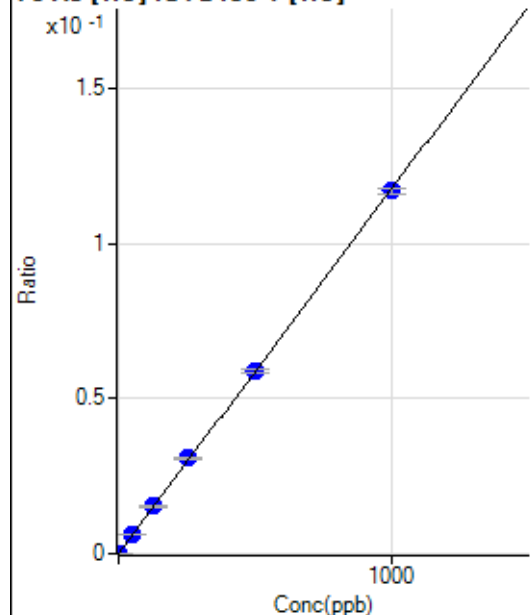
$$R = 1.0000$$

$$DL = 0.04944$$

$$BEC = 1.325$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	1.4
2	☐	1.000	1.082	327.79	0.0001	P	15.1
3	☐	50.000	52.565	15529.33	0.0062	P	0.5
4	☐	125.000	129.996	37941.80	0.0153	P	1.3
5	☐	250.000	261.524	75604.61	0.0308	P	3.3
6	☐	500.000	502.647	145378.23	0.0592	P	1.7
7	☐	1000.000	995.042	288871.63	0.1172	P	1.4
8	☐			213.34	0.0001	P	5.6

$$y = 1.1773E-004 * x + 2.6173E-006$$

$$R = 0.9999$$

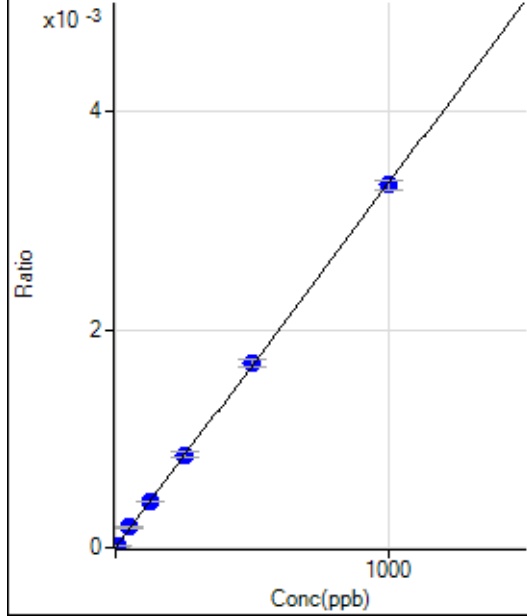
$$DL = 0.0009474$$

$$BEC = 0.02223$$

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	5.653	48.89	0.0000	P	26.1
3	☐	50.000	56.197	472.24	0.0002	P	8.9
4	☐	125.000	126.225	1046.71	0.0004	P	2.5
5	☐	250.000	255.488	2096.84	0.0009	P	5.2
6	☐	500.000	505.542	4149.51	0.0017	P	4.2
7	☐	1000.000	995.391	8201.22	0.0033	P	3.0
8	☐			1.11	0.0000	P	173.

$$y = 3.3412\text{E-}006 * x + 4.4103\text{E-}007$$

$$R = 1.0000$$

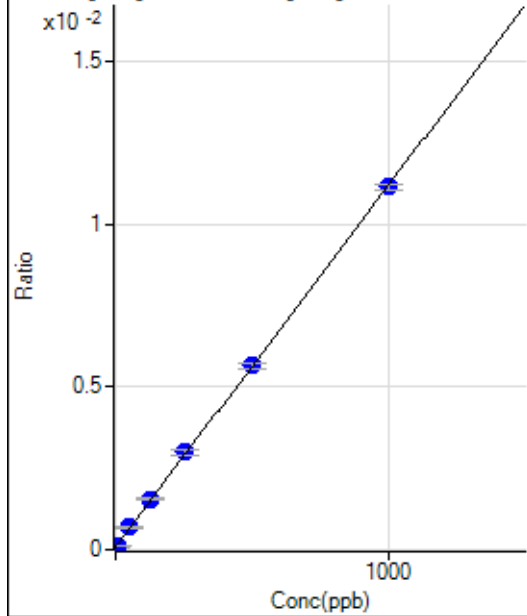
$$DL = 0.6859$$

$$BEC = 0.132$$

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	228.89	0.0001	P	15.3
2	☐	5.000	4.781	360.01	0.0001	P	4.7
3	☐	50.000	53.294	1707.89	0.0007	P	1.5
4	☐	125.000	132.315	3859.42	0.0016	P	2.8
5	☐	250.000	261.846	7349.67	0.0030	P	5.6
6	☐	500.000	500.292	13849.89	0.0056	P	2.4
7	☐	1000.000	995.815	27456.57	0.0111	P	1.8
8	☐			198.89	0.0001	P	10.0

$$y = 1.1091\text{E-}005 * x + 8.9789\text{E-}005$$

$$R = 0.9999$$

$$DL = 3.716$$

$$BEC = 8.096$$

Weight: <None>

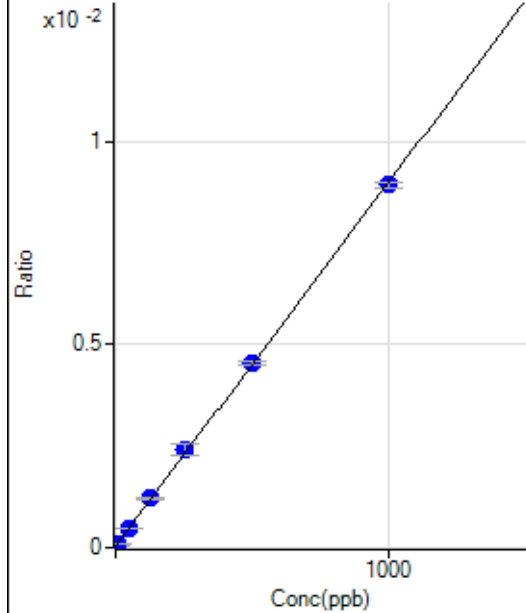
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6978.38		P	0.8
2	☐			6794.95		P	1.4
3	☐			6961.70		P	2.0
4	☐			6692.68		P	1.5
5	☐			6432.57		P	2.6
6	☐			6514.84		P	3.9
7	☐			6422.57		P	1.6
8	☐			7122.88		P	6.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	3.3
2	☐			30.00		P	57.7
3	☐			64.44		P	28.5
4	☐			43.34		P	48.0
5	☐			43.33		P	20.3
6	☐			70.00		P	25.2
7	☐			47.78		P	16.1
8	☐			83.33		P	14.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	382.65	0.0000	P	12.6
2	☐	5.000	4.495	822.71	0.0001	P	7.5
3	☐	50.000	51.087	5430.30	0.0005	P	1.8
4	☐	125.000	131.990	13363.66	0.0012	P	3.2
5	☐	250.000	266.386	25641.75	0.0024	P	13.1
6	☐	500.000	503.757	50814.63	0.0046	P	2.1
7	☐	1000.000	993.099	100015.40	0.0089	P	1.4
8	☐			452.53	0.0000	P	4.8

$$y = 8.9660E-006 * x + 3.4368E-005$$

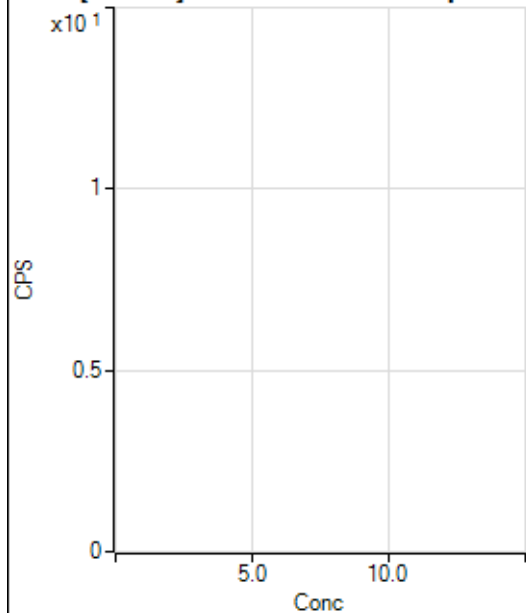
$$R = 0.9998$$

$$DL = 1.451$$

$$BEC = 3.833$$

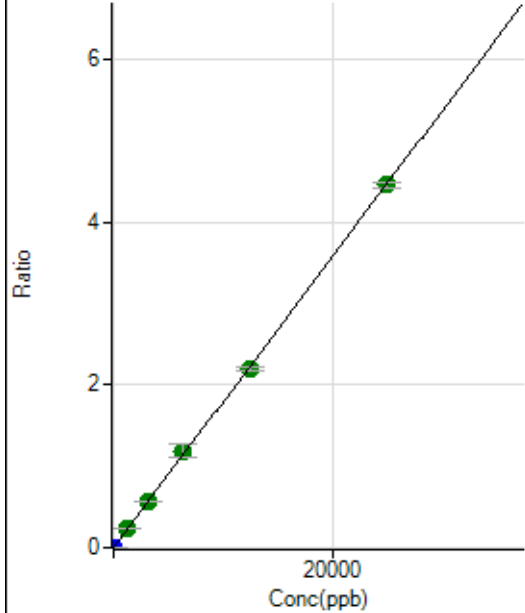
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.11		P	17.1
2	☐			174.45		P	6.7
3	☐			188.89		P	27.4
4	☐			154.45		P	22.7
5	☐			166.67		P	5.3
6	☐			168.89		P	8.9
7	☐			174.45		P	9.8
8	☐			191.11		P	8.1

86 Sr [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	4.4
2	☐	1.000	0.901	2095.72	0.0002	P	3.0
3	☐	1250.000	1283.262	2524201.30	0.2289	A	2.4
4	☐	3125.000	3131.890	6131262.41	0.5586	A	1.4
5	☐	6250.000	6656.245	12561131.06	1.1872	A	13.4
6	☐	12500.000	12345.976	24586843.80	2.2020	A	1.7
7	☐	25000.000	24972.927	49837759.81	4.4540	A	1.5
8	☐			13315.04	0.0013	P	12.2

$$y = 1.7835E-004 * x + 2.9448E-005$$

$$R = 0.9998$$

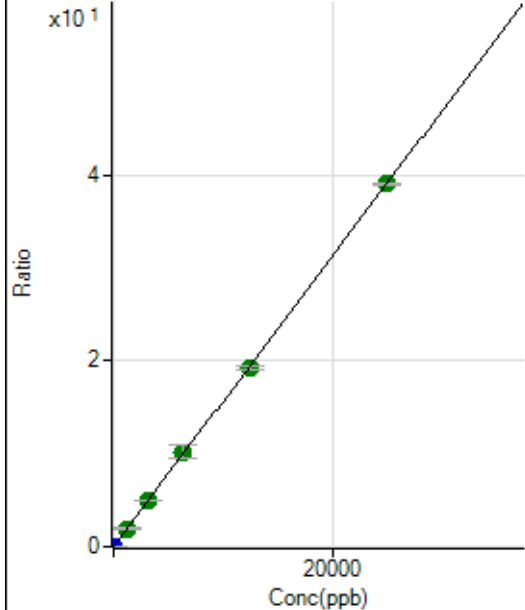
$$DL = 0.02179$$

$$BEC = 0.1651$$

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	252.23	0.0000	P	21.3
2	☐	1.000	0.964	16823.08	0.0015	P	4.4
3	☐	1250.000	1251.254	21542504.68	1.9536	A	2.6
4	☐	3125.000	3163.711	54208993.08	4.9395	A	2.5
5	☐	6250.000	6523.532	107736519.5	10.1852	A	13.7
6	☐	12500.000	12324.214	214852370.1	19.2417	A	1.8
7	☐	25000.000	25014.609	436996731.2	39.0552	A	0.8
8	☐			112866.54	0.0106	P	12.0

$$y = 0.0016 * x + 2.2664E-005$$

$$R = 0.9999$$

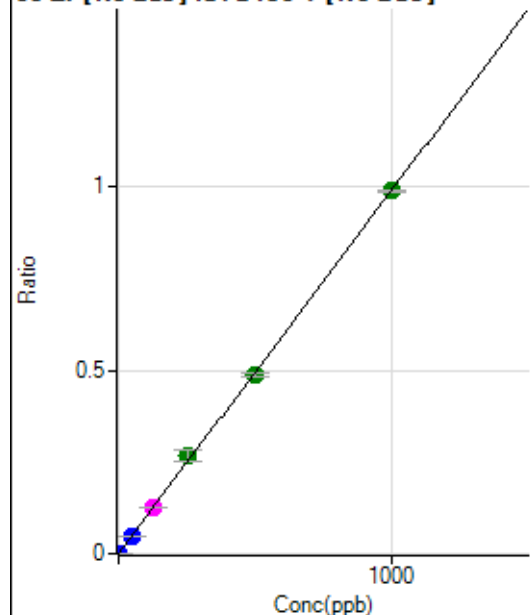
$$DL = 0.009268$$

$$BEC = 0.01452$$

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	444.46	0.0000	P	5.5
2	☐	1.000	0.900	10268.10	0.0009	P	0.8
3	☐	50.000	49.719	543565.49	0.0493	P	1.7
4	☐	125.000	126.420	1374706.14	0.1253	M	2.7
5	☐	250.000	269.793	2829958.43	0.2673	A	12.6
6	☐	500.000	491.565	5437135.34	0.4870	A	2.4
7	☐	1000.000	999.106	11075115.11	0.9897	A	0.7
8	☐			7176.26	0.0007	P	3.9

$$y = 9.9057\text{E-}004 * x + 3.9930\text{E-}005$$

$$R = 0.9997$$

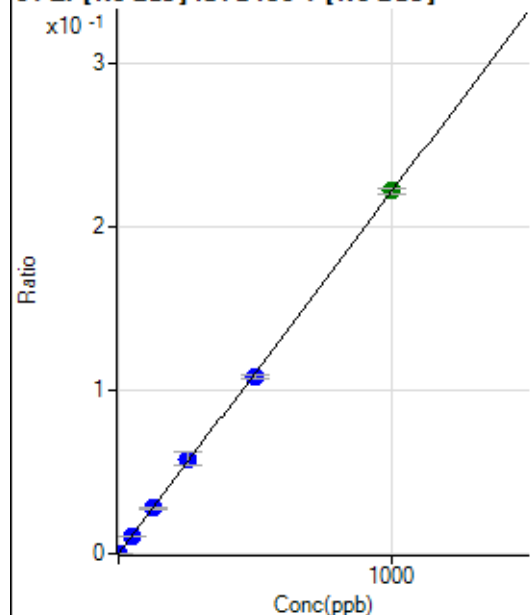
$$DL = 0.006644$$

$$BEC = 0.04031$$

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	88.89	0.0000	P	5.8
2	☐	1.000	0.915	2316.87	0.0002	P	4.6
3	☐	50.000	49.175	119904.39	0.0109	P	1.4
4	☐	125.000	125.784	305108.83	0.0278	P	1.4
5	☐	250.000	260.956	609778.14	0.0577	P	14.0
6	☐	500.000	488.139	1204232.10	0.1079	P	2.3
7	☐	1000.000	1003.135	2479910.60	0.2216	A	1.7
8	☐			1590.11	0.0001	P	10.1

$$y = 2.2093\text{E-}004 * x + 7.9849\text{E-}006$$

$$R = 0.9998$$

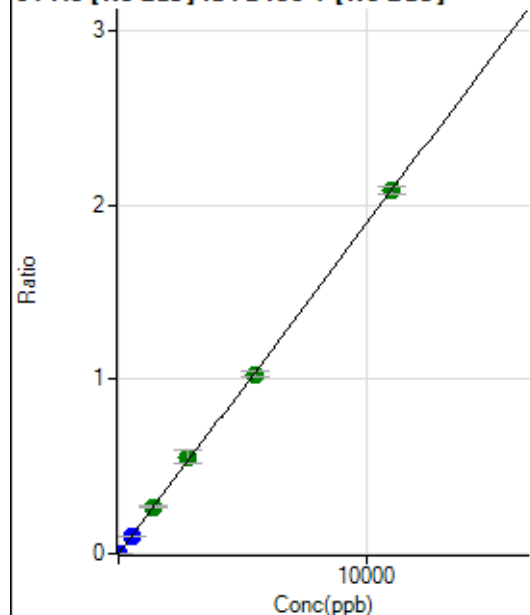
$$DL = 0.006242$$

$$BEC = 0.03614$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0000	P	16.5
2	☐	5.000	5.708	12139.55	0.0011	P	2.3
3	☐	550.000	539.617	1128291.40	0.1023	P	2.4
4	☐	1375.000	1408.314	2930201.52	0.2670	A	2.6
5	☐	2750.000	2921.039	5857682.27	0.5538	A	13.7
6	☐	5500.000	5442.499	11519884.83	1.0318	A	2.9
7	☐	11000.000	10982.345	23296551.32	2.0820	A	2.2
8	☐			9061.77	0.0009	P	8.1

$$y = 1.8958\text{E-}004 * x + 1.9467\text{E-}005$$

$$R = 0.9998$$

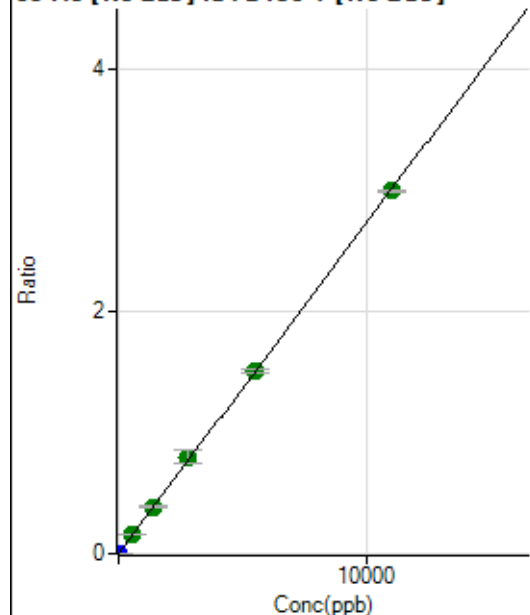
$$DL = 0.05072$$

$$BEC = 0.1027$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0000	P	4.3
2	☐	5.000	4.789	14538.42	0.0013	P	1.3
3	☐	550.000	561.442	1695641.00	0.1537	A	0.5
4	☐	1375.000	1415.855	4254237.54	0.3877	A	3.4
5	☐	2750.000	2924.598	8460337.65	0.8008	A	15.1
6	☐	5500.000	5492.056	16790795.31	1.5038	A	2.2
7	☐	11000.000	10954.643	33564884.50	2.9996	A	0.7
8	☐			11336.72	0.0011	P	10.3

$$y = 2.7381\text{E-}004 * x + 8.2848\text{E-}006$$

$$R = 0.9999$$

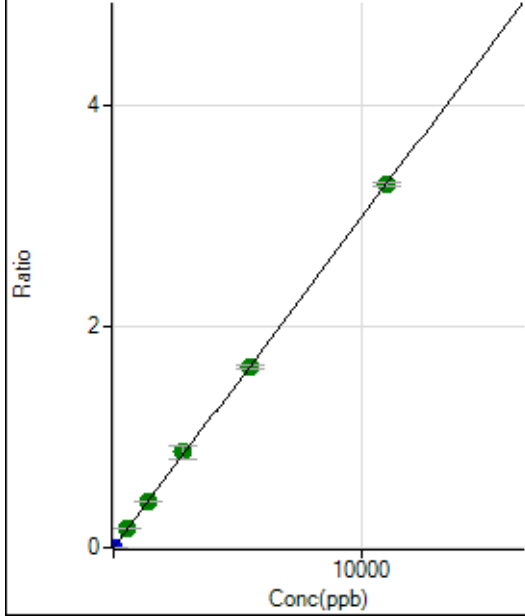
$$DL = 0.003877$$

$$BEC = 0.03026$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	7.1
2	☐	5.000	4.850	16155.69	0.0015	P	2.2
3	☐	550.000	560.997	1853601.27	0.1681	A	1.9
4	☐	1375.000	1392.028	4577246.53	0.4171	A	1.9
5	☐	2750.000	2899.169	9179581.74	0.8686	A	14.6
6	☐	5500.000	5473.571	18310091.53	1.6398	A	1.5
7	☐	11000.000	10973.244	36784674.73	3.2875	A	1.1
8	☐			17201.38	0.0016	P	8.1

$$y = 2.9959E-004 * x + 1.3277E-005$$

$$R = 0.9999$$

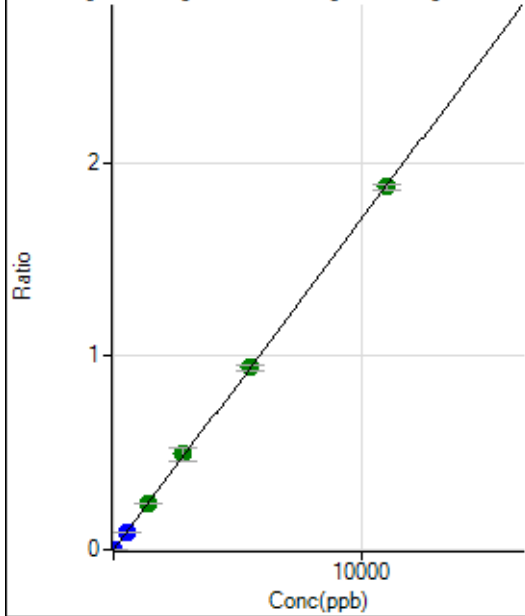
$$DL = 0.00948$$

$$BEC = 0.04432$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.5
2	☐	5.000	4.714	8928.36	0.0008	P	0.6
3	☐	550.000	542.156	1022010.19	0.0927	P	1.2
4	☐	1375.000	1406.509	2638584.53	0.2404	A	2.1
5	☐	2750.000	2877.766	5203523.01	0.4919	A	13.9
6	☐	5500.000	5496.987	10490435.26	0.9396	A	2.7
7	☐	11000.000	10966.019	20972107.05	1.8744	A	1.6
8	☐			7076.22	0.0007	P	9.8

$$y = 1.7092E-004 * x + 4.4881E-006$$

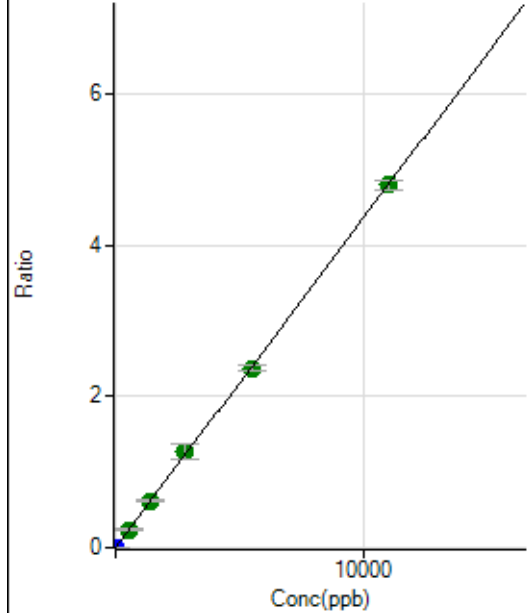
$$R = 0.9999$$

$$DL = 0.03425$$

$$BEC = 0.02626$$

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	130.00	0.0000	P	10.3
2	☐	5.000	4.772	23118.38	0.0021	P	1.8
3	☐	550.000	545.619	2631110.78	0.2386	A	3.2
4	☐	1375.000	1409.296	6763505.80	0.6163	A	2.6
5	☐	2750.000	2917.233	13484080.22	1.2757	A	14.7
6	☐	5500.000	5432.377	26523242.94	2.3756	A	3.0
7	☐	11000.000	10987.936	53768216.98	4.8050	A	2.3
8	☐			17561.85	0.0017	P	11.1

$$y = 4.3730E-004 * x + 1.1679E-005$$

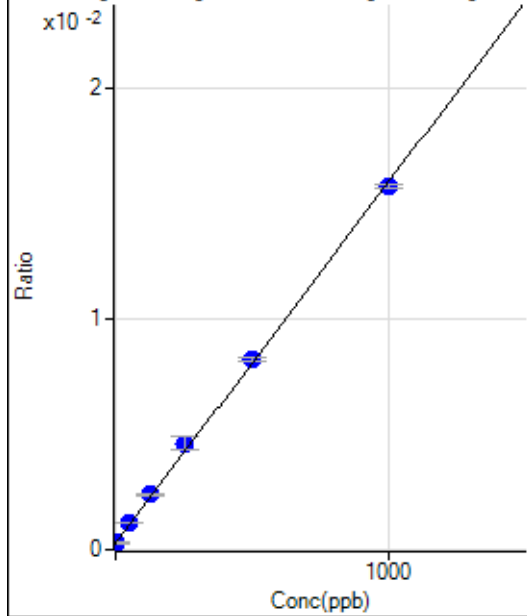
$$R = 0.9998$$

$$DL = 0.008289$$

$$BEC = 0.02671$$

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	2519.14	0.0003	P	2.9
2	☐	1.000	0.991	2603.59	0.0003	P	5.1
3	☐	50.000	55.359	10525.01	0.0011	P	3.7
4	☐	125.000	136.005	22089.10	0.0024	P	3.8
5	☐	250.000	276.271	41830.24	0.0046	P	12.1
6	☐	500.000	509.634	80010.10	0.0082	P	1.4
7	☐	1000.000	986.972	156057.39	0.0157	P	1.1
8	☐			2540.25	0.0003	P	8.0

$$y = 1.5626E-005 * x + 2.8349E-004$$

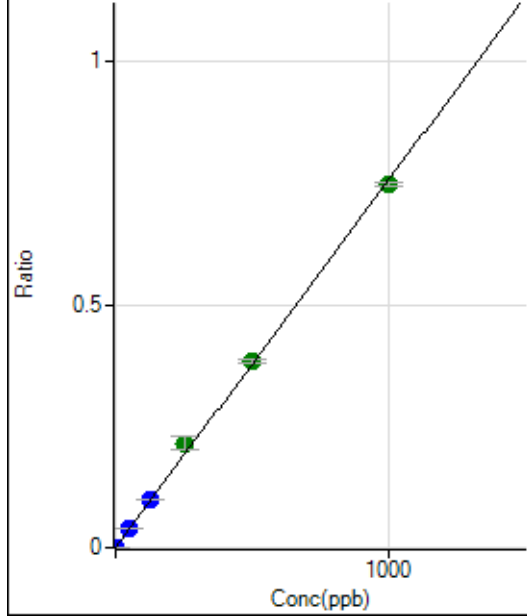
$$R = 0.9995$$

$$DL = 1.553$$

$$BEC = 18.14$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	16.1
2	☐	1.000	0.996	6604.89	0.0008	P	4.3
3	☐	50.000	52.014	360516.64	0.0393	P	1.9
4	☐	125.000	130.067	902115.89	0.0984	P	2.0
5	☐	250.000	284.340	1955410.39	0.2150	A	11.8
6	☐	500.000	506.571	3716156.65	0.3830	A	1.6
7	☐	1000.000	987.395	7419047.18	0.7466	A	1.2
8	☐			1400.08	0.0002	P	15.4

$$y = 7.5613\text{E-}004 * x + 5.9995\text{E-}006$$

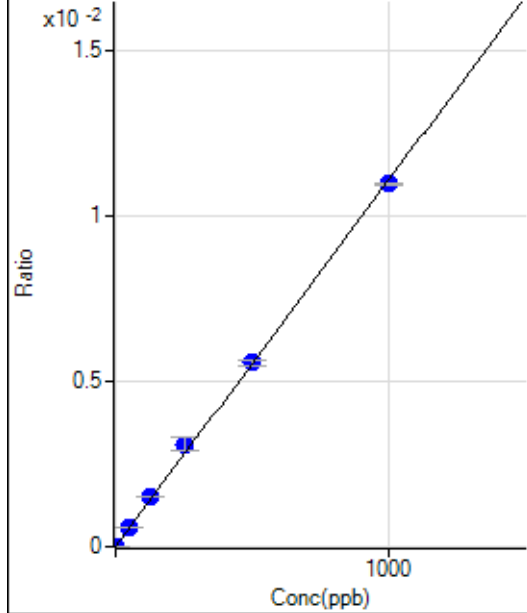
$$R = 0.9993$$

$$DL = 0.003841$$

$$BEC = 0.007934$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	1.000	1.036	104.44	0.0000	P	22.7
3	☐	50.000	53.338	5421.06	0.0006	P	1.5
4	☐	125.000	135.883	13816.67	0.0015	P	1.6
5	☐	250.000	278.757	28065.03	0.0031	P	12.9
6	☐	500.000	502.059	53963.29	0.0056	P	2.8
7	☐	1000.000	990.254	109019.88	0.0110	P	0.7
8	☐			67.78	0.0000	P	33.3

$$y = 1.1079\text{E-}005 * x + 5.0005\text{E-}007$$

$$R = 0.9995$$

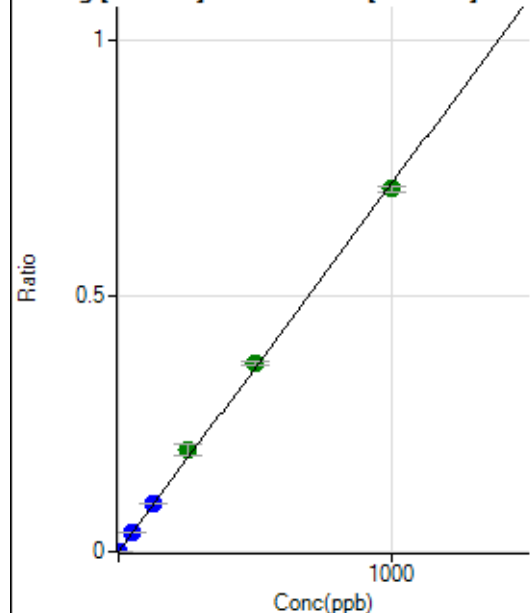
$$DL = 0.1555$$

$$BEC = 0.04514$$

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	18.89	0.0000	P	20.5
2	☐	1.000	0.949	5965.73	0.0007	P	0.6
3	☐	50.000	51.743	341285.98	0.0372	P	2.0
4	☐	125.000	129.349	853782.28	0.0931	P	1.4
5	☐	250.000	275.969	1807242.06	0.1986	A	11.0
6	☐	500.000	513.510	3584867.38	0.3695	A	2.3
7	☐	1000.000	986.122	7050661.98	0.7096	A	1.8
8	☐			1355.64	0.0001	P	12.8

$$y = 7.1958\text{E-}004 * x + 2.1262\text{E-}006$$

$$R = 0.9995$$

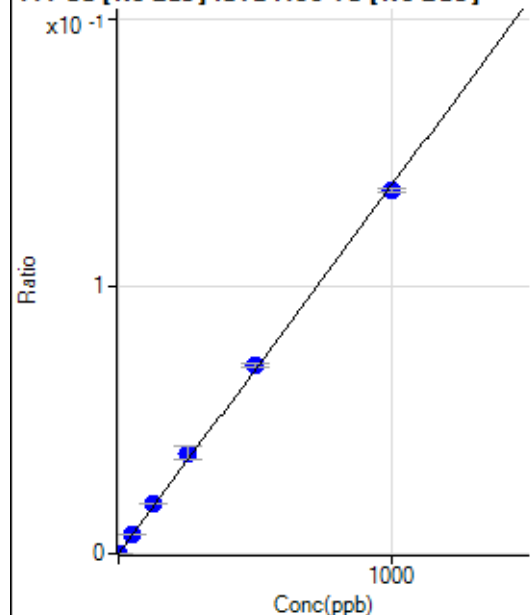
$$DL = 0.001817$$

$$BEC = 0.002955$$

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	3.85	0.0000	P	41.6
2	☐	1.000	1.063	1279.57	0.0001	P	2.4
3	☐	50.000	54.218	68478.37	0.0075	P	0.6
4	☐	125.000	136.215	172158.32	0.0188	P	1.0
5	☐	250.000	273.895	342941.97	0.0377	P	12.7
6	☐	500.000	513.658	686592.37	0.0708	P	2.3
7	☐	1000.000	985.584	1349340.31	0.1358	P	1.0
8	☐			275.10	0.0000	P	31.3

$$y = 1.3778\text{E-}004 * x + 4.3364\text{E-}007$$

$$R = 0.9995$$

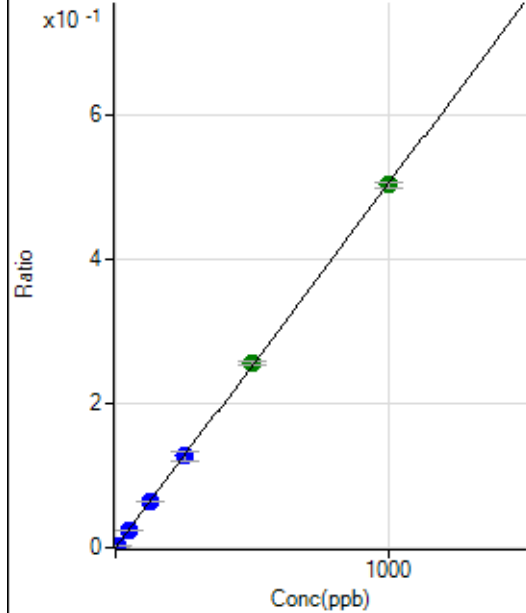
$$DL = 0.003927$$

$$BEC = 0.003147$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.57	0.0001	P	12.6
2	☐	5.000	4.848	21828.86	0.0025	P	1.6
3	☐	50.000	49.270	228506.14	0.0249	P	2.2
4	☐	125.000	124.834	578572.73	0.0631	P	0.3
5	☐	250.000	250.864	1152111.55	0.1267	P	11.8
6	☐	500.000	506.824	2482386.09	0.2559	A	2.5
7	☐	1000.000	996.430	4997859.34	0.5030	A	1.5
8	☐			6300.33	0.0007	P	2.2

$$y = 5.0474\text{E-}004 * x + 6.0289\text{E-}005$$

$$R = 1.0000$$

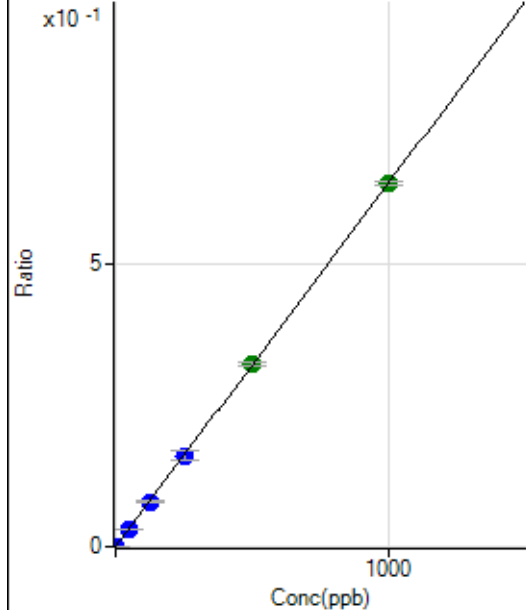
$$DL = 0.04523$$

$$BEC = 0.1194$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	10.3
2	☐	2.000	1.896	10630.69	0.0012	P	4.2
3	☐	50.000	48.904	287536.37	0.0314	P	1.0
4	☐	125.000	123.435	726169.58	0.0792	P	1.7
5	☐	250.000	250.041	1459610.24	0.1604	P	10.9
6	☐	500.000	504.341	3138155.27	0.3235	A	2.1
7	☐	1000.000	998.070	6360401.71	0.6401	A	0.9
8	☐			5157.64	0.0006	P	2.4

$$y = 6.4134\text{E-}004 * x + 5.5010\text{E-}006$$

$$R = 1.0000$$

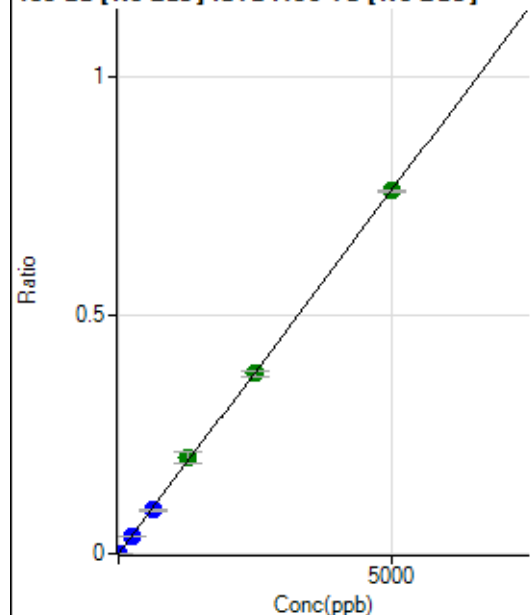
$$DL = 0.002653$$

$$BEC = 0.008577$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0000	P	19.1
2	☐	10.000	9.239	12275.38	0.0014	P	3.2
3	☐	250.000	231.669	323250.63	0.0353	P	1.2
4	☐	625.000	599.515	837060.32	0.0913	P	2.0
5	☐	1250.000	1323.882	1831363.83	0.2015	A	12.7
6	☐	2500.000	2483.047	3666660.95	0.3780	A	3.3
7	☐	5000.000	4994.109	7553420.79	0.7602	A	0.8
8	☐			3442.67	0.0004	P	5.5

$$y = 1.5221\text{E-}004 * x + 3.9991\text{E-}006$$

$$R = 0.9998$$

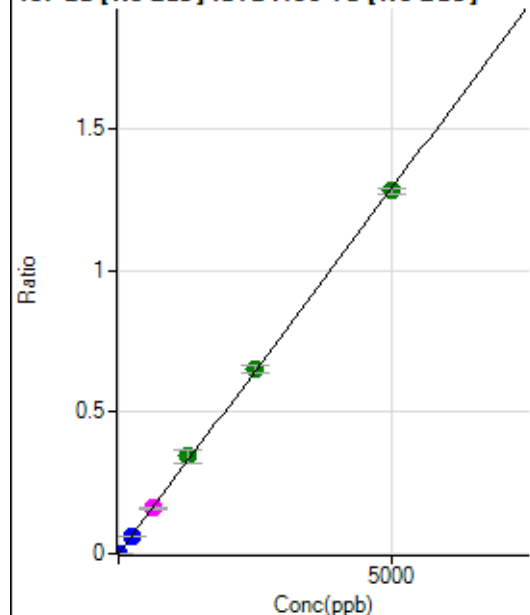
$$DL = 0.01507$$

$$BEC = 0.02627$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	17.9
2	☐	10.000	9.537	21468.55	0.0025	P	3.6
3	☐	250.000	239.372	565809.65	0.0617	P	1.7
4	☐	625.000	627.333	1483888.60	0.1618	M	4.2
5	☐	1250.000	1333.403	3122662.80	0.3438	A	13.5
6	☐	2500.000	2524.190	6313768.31	0.6509	A	4.3
7	☐	5000.000	4967.295	12725539.39	1.2808	A	1.6
8	☐			5994.64	0.0006	P	6.2

$$y = 2.5784\text{E-}004 * x + 7.5010\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01564$$

$$BEC = 0.02909$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐			10.00		P	57.7
3	☐			31.11		P	59.0
4	☐			61.11		P	35.5
5	☐			108.89		P	15.4
6	☐			210.00		P	23.5
7	☐			417.79		P	13.6
8	☐			125.56		P	8.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			3.33		P	0.0
3	☐			5.56		P	34.7
4	☐			26.67		P	25.0
5	☐			31.11		P	40.6
6	☐			65.56		P	7.8
7	☐			114.45		P	14.9
8	☐			72.22		P	9.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	27.7
2	☐			26.67		P	25.0
3	☐			27.78		P	18.3
4	☐			42.22		P	60.3
5	☐			70.00		P	0.0
6	☐			93.34		P	29.2
7	☐			200.00		P	18.9
8	☐			223.34		P	10.4

156 Dy [He] No available calibration points

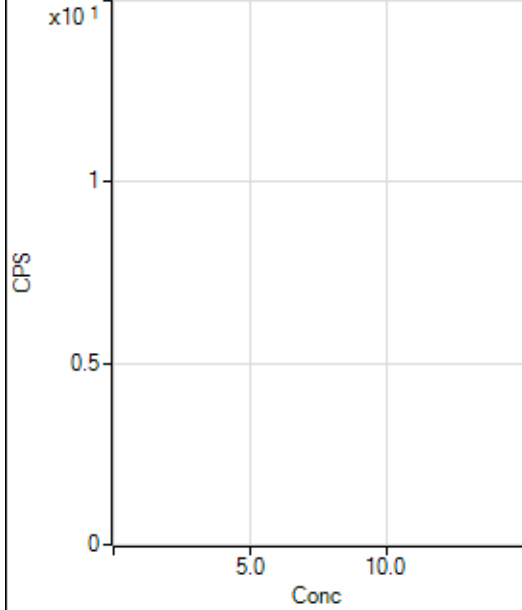
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			11.11		P	17.3
3	☐			27.78		P	61.6
4	☐			67.78		P	32.0
5	☐			121.11		P	24.8
6	☐			191.11		P	7.9
7	☐			428.90		P	11.5
8	☐			177.78		P	13.2

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

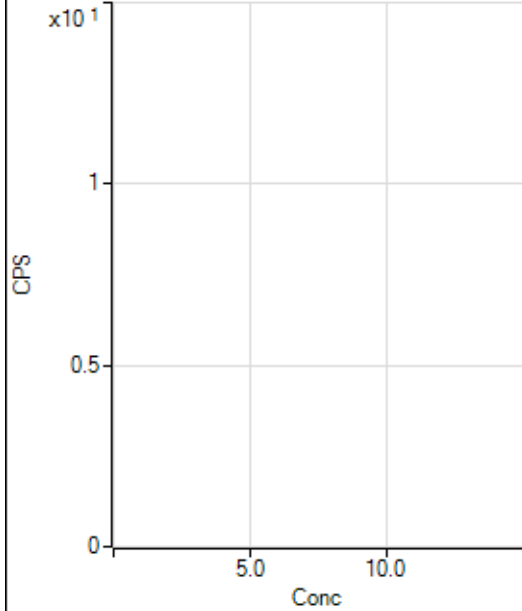
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	38.5
2	☐			34.44		P	5.6
3	☐			42.22		P	35.6
4	☐			75.56		P	29.4
5	☐			83.33		P	24.0
6	☐			96.66		P	6.0
7	☐			174.45		P	19.5
8	☐			190.00		P	12.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			347.79		P	2.0
2	☐			302.23		P	12.7
3	☐			300.01		P	7.3
4	☐			342.23		P	4.6
5	☐			344.45		P	1.1
6	☐			345.57		P	10.6
7	☐			458.90		P	4.4
8	☐			415.57		P	7.2

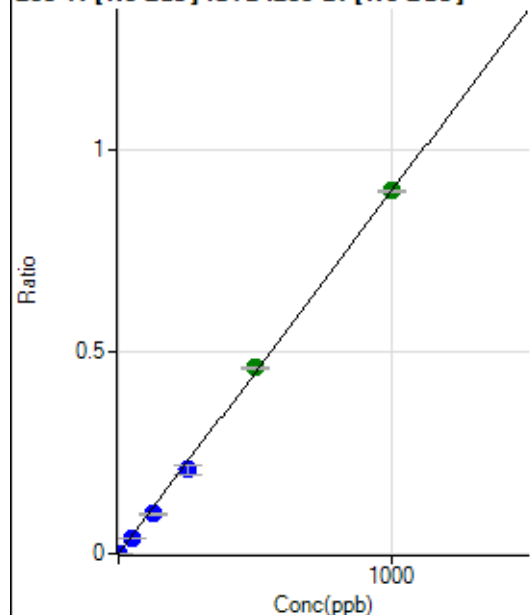
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.45		P	9.3
2	☐			77.78		P	20.3
3	☐			84.44		P	42.6
4	☐			104.45		P	6.6
5	☐			130.00		P	26.6
6	☐			158.89		P	6.4
7	☐			211.11		P	13.4
8	☐			245.56		P	10.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	38.4
2	☐			48.89		P	55.1
3	☐			41.11		P	33.8
4	☐			56.67		P	11.8
5	☐			63.33		P	19.0
6	☐			97.78		P	11.0
7	☐			153.34		P	10.9
8	☐			162.23		P	5.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	48.9
2	☐	1.000	0.819	3607.18	0.0007	P	3.5
3	☐	50.000	43.333	193560.11	0.0389	P	3.7
4	☐	125.000	109.311	504311.72	0.0981	P	2.7
5	☐	250.000	230.852	1045882.71	0.2071	P	10.8
6	☐	500.000	512.798	2523892.07	0.4599	A	1.3
7	☐	1000.000	1000.683	4985407.88	0.8975	A	0.8
8	☐			1061.17	0.0002	P	16.5

$$y = 8.9692\text{E-}004 * x + 7.0601\text{E-}006$$

$$R = 0.9996$$

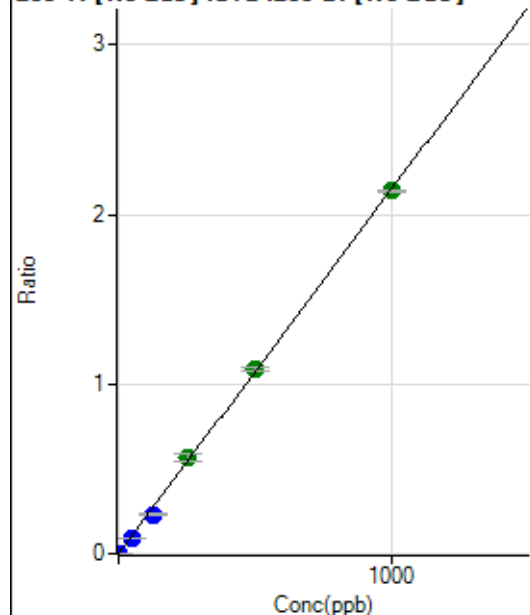
$$DL = 0.01156$$

$$BEC = 0.007872$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	26.6
2	☐	1.000	0.816	8595.03	0.0018	P	1.1
3	☐	50.000	43.217	462537.91	0.0929	P	2.7
4	☐	125.000	107.522	1188944.60	0.2311	P	1.6
5	☐	250.000	263.560	2863518.92	0.5664	A	9.7
6	☐	500.000	507.033	5979334.50	1.0896	A	1.4
7	☐	1000.000	995.617	11884621.21	2.1396	A	0.7
8	☐			2435.81	0.0005	P	12.7

$$y = 0.0021 * x + 1.3622\text{E-}005$$

$$R = 0.9996$$

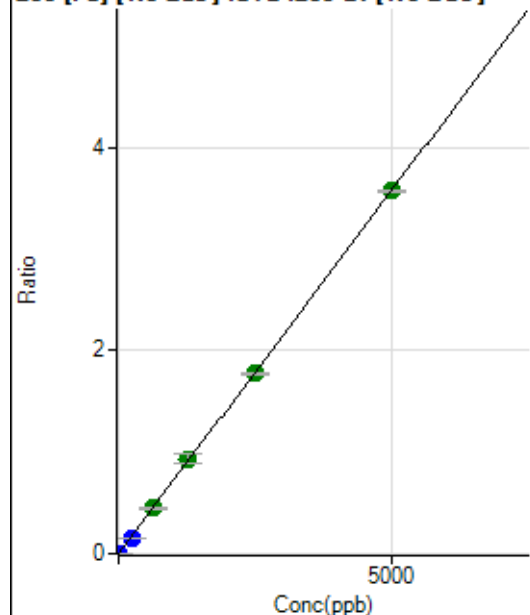
$$DL = 0.005065$$

$$BEC = 0.006339$$

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	134.45	0.0000	P	11.0
2	☐	1.000	0.804	2928.13	0.0006	P	2.8
3	☐	250.000	214.809	764263.46	0.1535	P	3.0
4	☐	625.000	622.976	2289416.23	0.4451	A	2.0
5	☐	1250.000	1305.910	4712523.51	0.9329	A	10.8
6	☐	2500.000	2482.121	9730263.19	1.7732	A	0.7
7	☐	5000.000	4996.975	19828012.76	3.5698	A	0.7
8	☐			6635.03	0.0014	P	7.6

$$y = 7.1438\text{E-}004 * x + 2.7452\text{E-}005$$

$$R = 0.9999$$

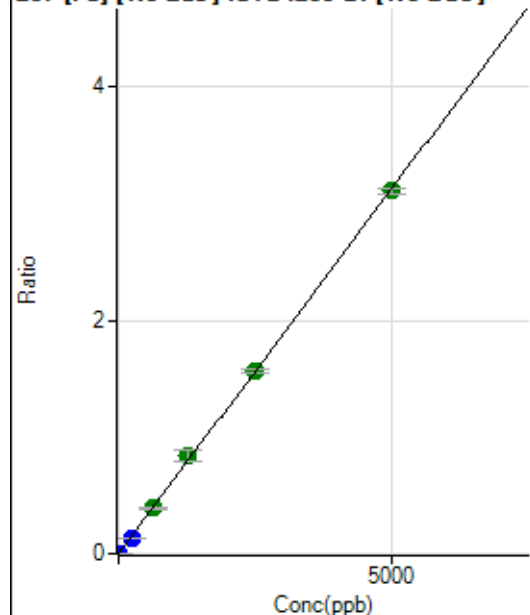
$$DL = 0.01268$$

$$BEC = 0.03843$$

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	113.34	0.0000	P	21.7
2	☐	1.000	0.861	2732.52	0.0006	P	2.8
3	☐	250.000	214.545	668351.89	0.1342	P	3.9
4	☐	625.000	626.237	2014987.24	0.3918	A	2.8
5	☐	1250.000	1346.802	4251007.40	0.8425	A	12.2
6	☐	2500.000	2506.981	8605807.51	1.5683	A	1.4
7	☐	5000.000	4973.927	17283421.96	3.1115	A	1.3
8	☐			5772.40	0.0012	P	7.5

$$y = 6.2555\text{E-}004 * x + 2.3198\text{E-}005$$

$$R = 0.9997$$

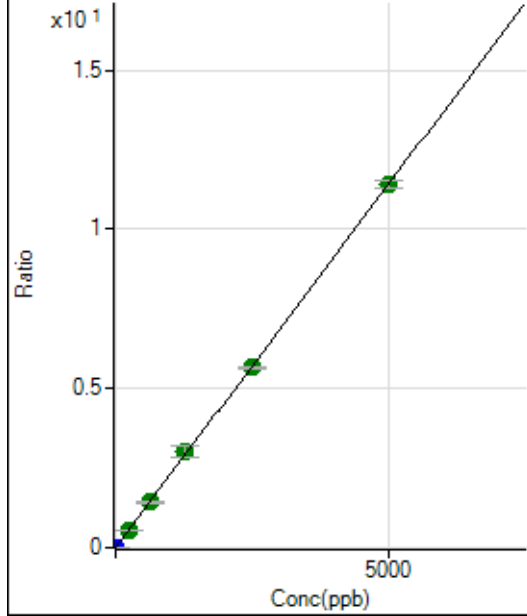
$$DL = 0.0241$$

$$BEC = 0.03708$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	451.34	0.0001	P	12.1
2	☐	1.000	0.822	9578.49	0.0020	P	0.9
3	☐	250.000	236.425	2688219.76	0.5398	A	2.2
4	☐	625.000	628.572	7381600.71	1.4351	A	3.2
5	☐	1250.000	1322.120	15235450.27	3.0184	A	11.7
6	☐	2500.000	2480.443	31073225.44	5.6627	A	0.8
7	☐	5000.000	4991.981	63302777.95	11.3963	A	2.0
8	☐			21113.99	0.0044	P	8.6

$$y = 0.0023 * x + 9.2316E-005$$

$$R = 0.9999$$

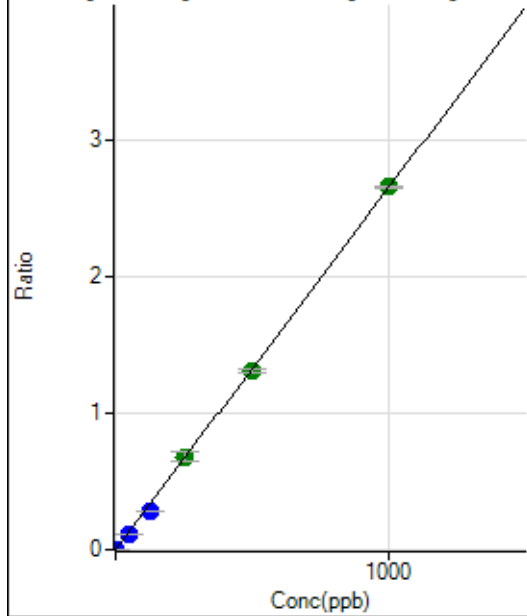
$$DL = 0.01473$$

$$BEC = 0.04044$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	24.7
2	☐	1.000	0.761	9809.27	0.0020	P	3.4
3	☐	50.000	40.982	539562.30	0.1084	P	3.3
4	☐	125.000	105.367	1433117.46	0.2786	P	1.1
5	☐	250.000	257.095	3432695.05	0.6797	A	11.2
6	☐	500.000	496.240	7199419.06	1.3120	A	2.0
7	☐	1000.000	1003.012	14730036.86	2.6519	A	0.4
8	☐			2155.76	0.0005	P	22.3

$$y = 0.0026 * x + 4.3189E-006$$

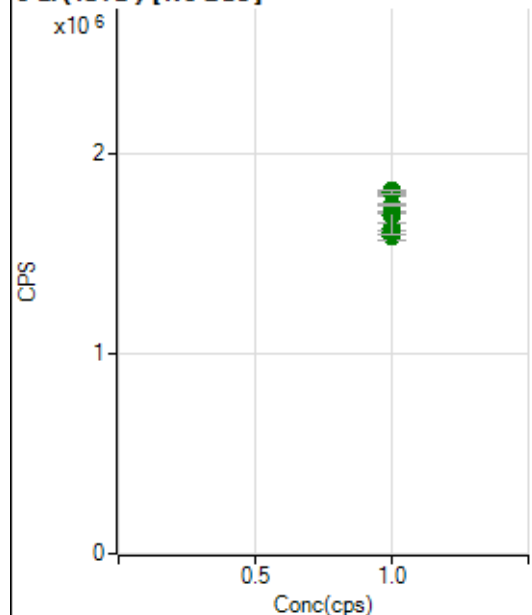
$$R = 0.9997$$

$$DL = 0.001212$$

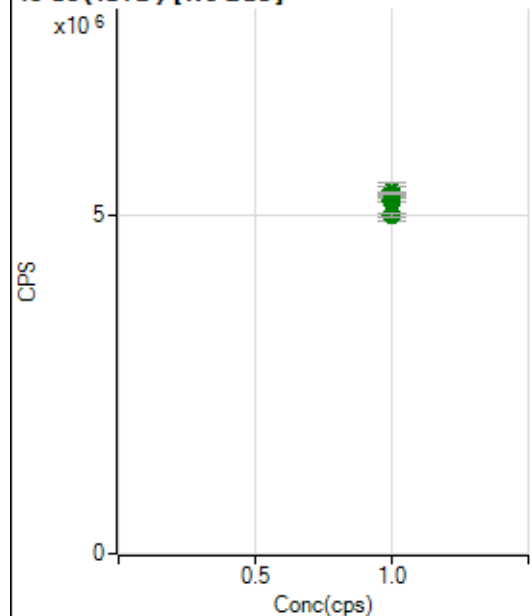
$$BEC = 0.001634$$

Weight: <None>

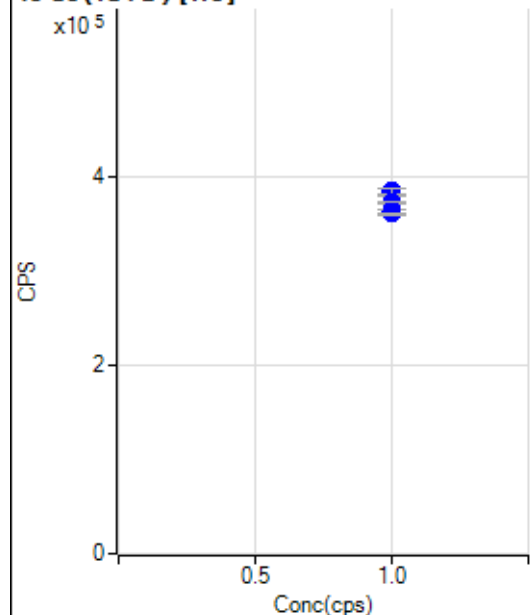
Min Conc: 0

6 Li (ISTD) [No Gas]

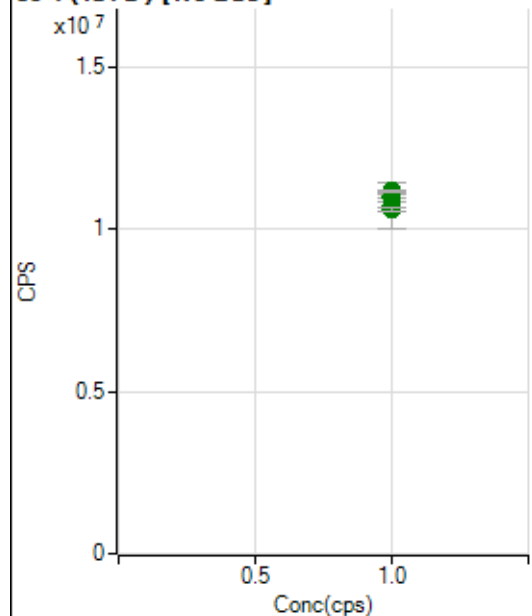
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1583186.31		A	2.1
2	☐	1.000		1608103.52		A	1.4
3	☐	1.000		1624470.93		A	3.5
4	☐	1.000		1710047.22		A	0.6
5	☐	1.000		1690940.60		A	11.1
6	☐	1.000		1814708.70		A	0.4
7	☐	1.000		1807569.62		A	1.5
8	☐	1.000		1745024.87		A	0.5

45 Sc (ISTD) [No Gas]

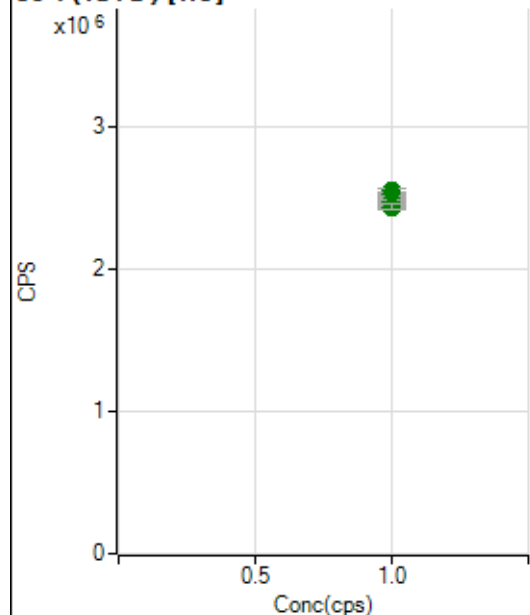
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5313697.60		A	1.1
2	☐	1.000		5313365.96		A	1.3
3	☐	1.000		5356248.81		A	2.0
4	☐	1.000		5228772.84		A	0.7
5	☐	1.000		5188814.26		A	11.2
6	☐	1.000		5255950.65		A	0.3
7	☐	1.000		5321909.85		A	0.4
8	☐	1.000		5001806.70		A	0.8

45 Sc (ISTD) [He]

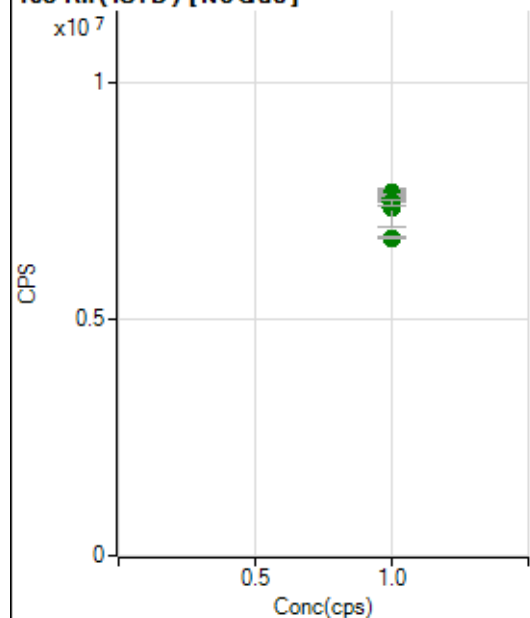
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		382732.17		P	0.2
2	☐	1.000		384267.95		P	2.2
3	☐	1.000		385637.91		P	1.6
4	☐	1.000		373523.55		P	0.5
5	☐	1.000		366563.19		P	3.7
6	☐	1.000		363839.07		P	0.7
7	☐	1.000		361402.00		P	0.5
8	☐	1.000		360802.37		P	0.8

89 Y (ISTD) [No Gas]

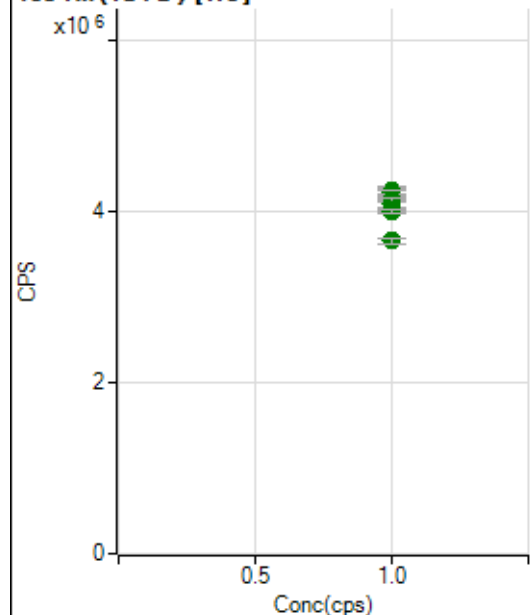
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11131945.53		A	0.3
2	☐	1.000		11019532.47		A	1.3
3	☐	1.000		11029090.53		A	1.0
4	☐	1.000		10977766.78		A	1.8
5	☐	1.000		10707234.98		A	13.3
6	☐	1.000		11166570.94		A	0.7
7	☐	1.000		11189692.47		A	0.9
8	☐	1.000		10613150.68		A	0.9

89 Y(ISTD) [He]

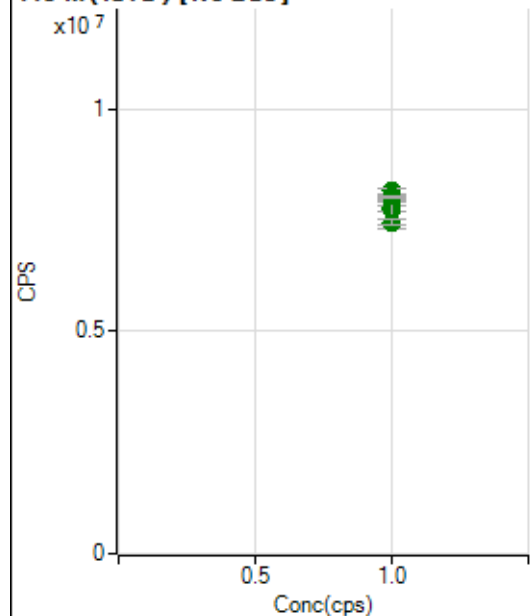
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2548801.35		A	1.4
2	☐	1.000		2521625.95		A	1.9
3	☐	1.000		2508269.15		A	0.6
4	☐	1.000		2478838.61		A	1.3
5	☐	1.000		2456727.66		A	2.7
6	☐	1.000		2456960.00		A	1.7
7	☐	1.000		2466036.09		A	1.2
8	☐	1.000		2437295.69		A	2.0

103 Rh(ISTD) [No Gas]

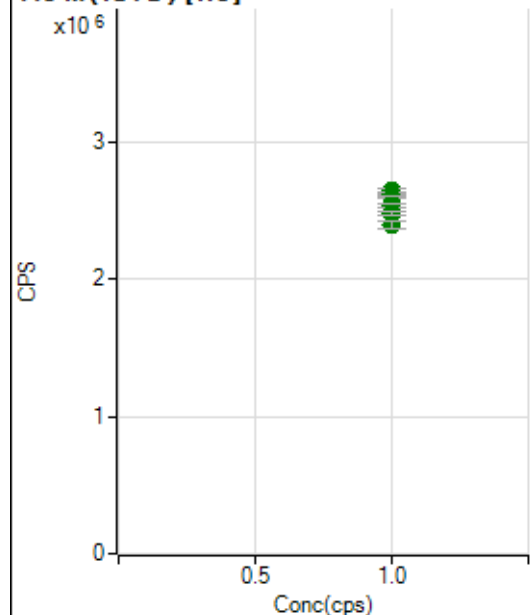
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7680475.65		A	1.6
2	☐	1.000		7638946.76		A	1.7
3	☐	1.000		7619699.82		A	3.1
4	☐	1.000		7583282.32		A	1.1
5	☐	1.000		7371280.10		A	10.7
6	☐	1.000		7643169.13		A	0.8
7	☐	1.000		7484848.91		A	1.8
8	☐	1.000		6735385.04		A	0.9

103 Rh (ISTD) [He]

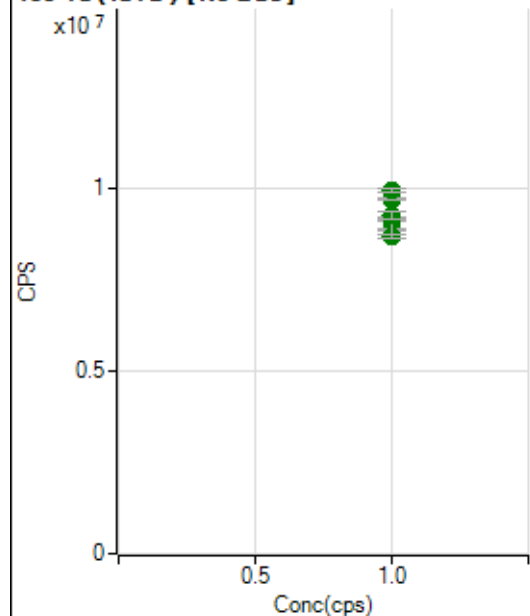
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4229836.22		A	1.8
2	☐	1.000		4242497.82		A	2.2
3	☐	1.000		4229263.13		A	1.4
4	☐	1.000		4129572.37		A	0.8
5	☐	1.000		4088505.42		A	3.4
6	☐	1.000		4029063.00		A	1.4
7	☐	1.000		4004283.62		A	0.8
8	☐	1.000		3658413.14		A	1.8

115 In (ISTD) [No Gas]

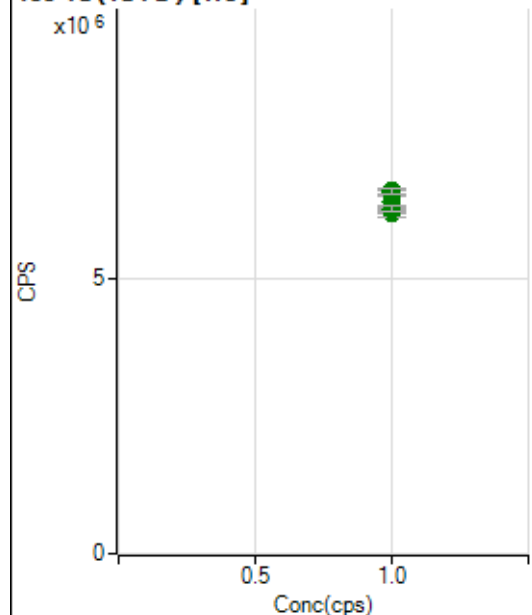
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8004596.19		A	1.7
2	☐	1.000		7772651.26		A	2.0
3	☐	1.000		7959964.05		A	1.4
4	☐	1.000		8012412.16		A	0.9
5	☐	1.000		7751567.77		A	11.9
6	☐	1.000		8161934.36		A	1.6
7	☐	1.000		8039983.04		A	0.7
8	☐	1.000		7462250.04		A	1.7

115 In (ISTD) [He]

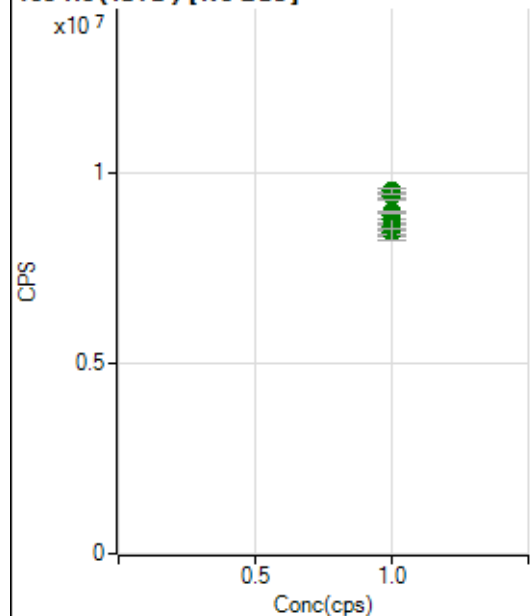
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2643882.82		A	1.3
2	☐	1.000		2627166.17		A	2.3
3	☐	1.000		2616685.51		A	1.0
4	☐	1.000		2596436.18		A	0.4
5	☐	1.000		2551880.12		A	4.3
6	☐	1.000		2537322.44		A	0.9
7	☐	1.000		2482254.43		A	1.2
8	☐	1.000		2394419.11		A	2.1

159 Tb (ISTD) [No Gas]

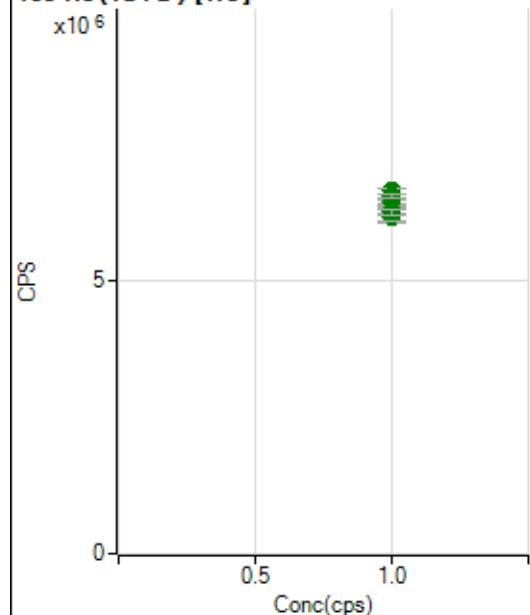
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8886152.57		A	0.4
2	☐	1.000		8706456.54		A	1.3
3	☐	1.000		9166249.10		A	1.1
4	☐	1.000		9173784.79		A	1.4
5	☐	1.000		9181752.57		A	12.1
6	☐	1.000		9702457.56		A	0.7
7	☐	1.000		9936838.32		A	1.2
8	☐	1.000		9254331.87		A	2.4

159 Tb (ISTD) [He]

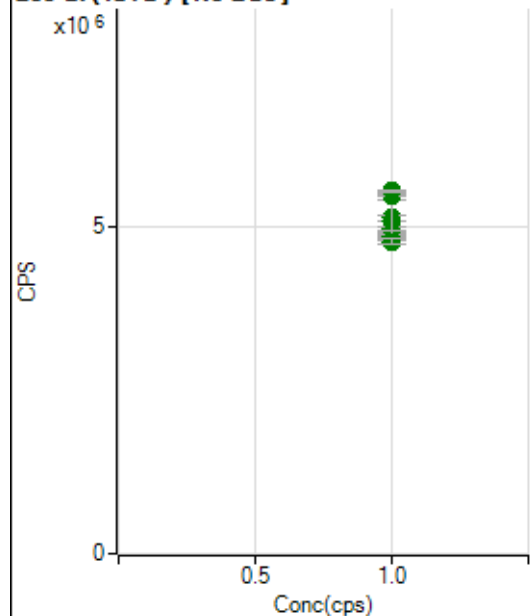
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6197317.41		A	2.1
2	☐	1.000		6188698.80		A	1.9
3	☐	1.000		6272262.75		A	2.2
4	☐	1.000		6263412.55		A	0.1
5	☐	1.000		6391540.60		A	3.1
6	☐	1.000		6576700.46		A	1.0
7	☐	1.000		6593762.47		A	1.7
8	☐	1.000		6272500.53		A	1.2

165 Ho (ISTD) [No Gas]

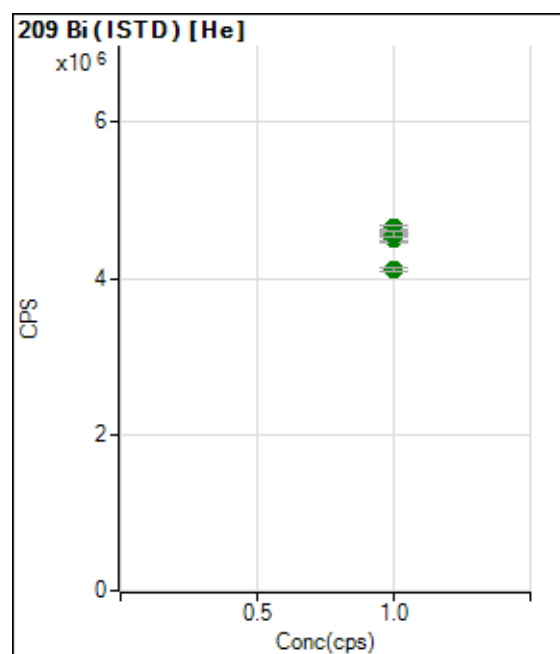
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8466914.04		A	3.2
2	☐	1.000		8408009.25		A	1.1
3	☐	1.000		8594515.15		A	2.3
4	☐	1.000		8852901.46		A	2.0
5	☐	1.000		8768109.31		A	12.6
6	☐	1.000		9355802.43		A	2.2
7	☐	1.000		9511731.38		A	1.7
8	☐	1.000		8960391.53		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6145758.52		A	2.7
2	☐	1.000		6194826.78		A	3.1
3	☐	1.000		6394301.99		A	0.8
4	☐	1.000		6429676.57		A	1.3
5	☐	1.000		6523746.08		A	5.5
6	☐	1.000		6642642.05		A	1.9
7	☐	1.000		6538208.58		A	0.9
8	☐	1.000		6250884.84		A	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4894760.27		A	1.4
2	☐	1.000		4866469.86		A	1.3
3	☐	1.000		4980595.93		A	1.2
4	☐	1.000		5144761.00		A	1.7
5	☐	1.000		5095672.42		A	12.1
6	☐	1.000		5487180.82		A	0.8
7	☐	1.000		5554542.42		A	0.6
8	☐	1.000		4772066.63		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4493012.43		A	1.6
2	☐	1.000		4503466.98		A	1.6
3	☐	1.000		4596704.83		A	1.6
4	☐	1.000		4597800.83		A	1.3
5	☐	1.000		4558126.29		A	3.5
6	☐	1.000		4644218.58		A	1.1
7	☐	1.000		4556405.80		A	1.6
8	☐	1.000		4100387.16		A	1.1