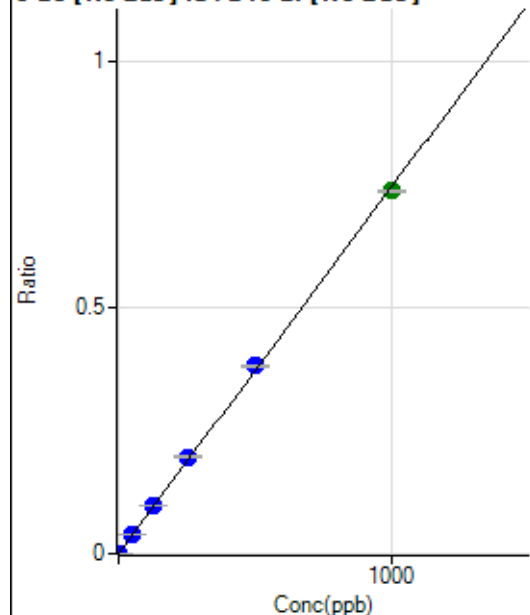


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7041723 MS.b\
 Analysis File: P7041723 MS.batch.bin
 DA Date-Time: 2023-04-18 01:16:49
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-17 12:20:02
2	006CALS.d	S02	2023-04-17 12:26:34
3	007CALS.d	S03	2023-04-17 12:29:50
4	008CALS.d	S04	2023-04-17 12:32:59
5	009CALS.d	S05	2023-04-17 12:35:56
6	010CALS.d	S06	2023-04-17 12:38:49
7	011CALS.d	S07	2023-04-17 12:41:36
8	012CALS.d	S08	2023-04-17 12:44:24

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	47.6
2	☐	1.000	1.113	1441.19	0.0008	P	5.9
3	☐	50.000	53.330	67990.01	0.0397	P	5.9
4	☐	125.000	131.920	160931.63	0.0983	P	1.6
5	☐	250.000	263.508	307570.37	0.1963	P	2.1
6	☐	500.000	511.882	585125.49	0.3814	P	1.3
7	☐	1000.000	989.651	1101741.58	0.7373	A	0.3
8	☐			613.35	0.0005	P	16.3

$$y = 7.4503\text{E-}004 * x + 1.2300\text{E-}005$$

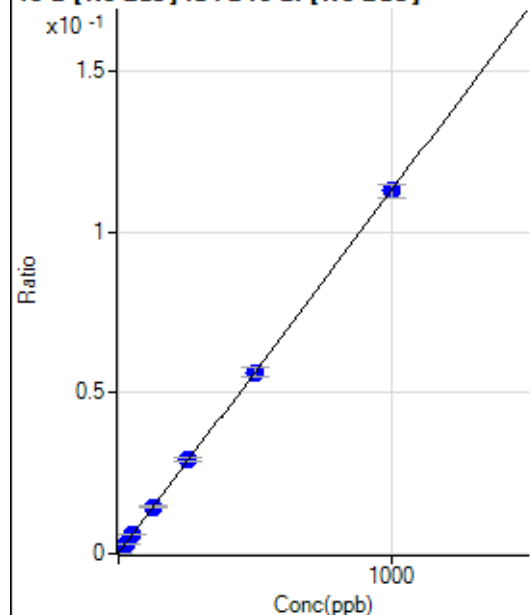
$$R = 0.9998$$

$$DL = 0.02358$$

$$BEC = 0.01651$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0001	P	8.7
2	☐	25.000	24.646	4953.06	0.0029	P	7.3
3	☐	50.000	51.970	10225.67	0.0060	P	6.4
4	☐	125.000	128.409	23917.38	0.0146	P	4.1
5	☐	250.000	258.273	45851.92	0.0293	P	5.0
6	☐	500.000	498.317	86488.05	0.0564	P	4.9
7	☐	1000.000	998.258	168568.41	0.1128	P	3.7
8	☐			4811.91	0.0036	P	14.2

$$y = 1.1291\text{E-}004 * x + 1.1025\text{E-}004$$

$$R = 1.0000$$

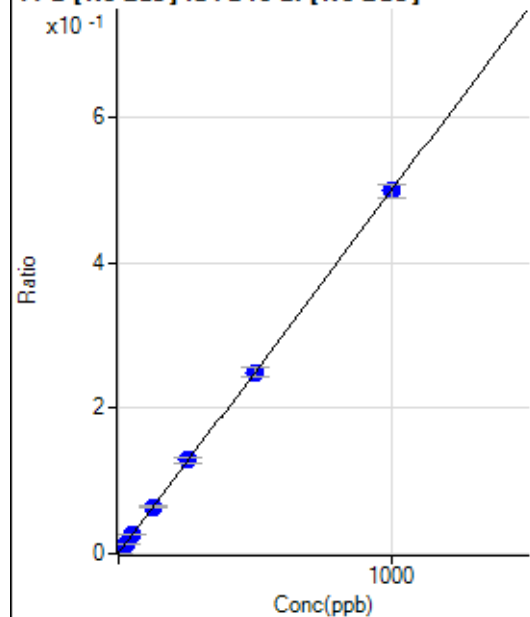
$$DL = 0.2553$$

$$BEC = 0.9765$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	775.58	0.0005	P	1.4
2	☐	25.000	24.920	22080.31	0.0129	P	5.5
3	☐	50.000	51.554	44784.60	0.0262	P	7.9
4	☐	125.000	128.757	105979.28	0.0647	P	5.2
5	☐	250.000	256.228	201101.21	0.1284	P	4.9
6	☐	500.000	498.889	382845.05	0.2495	P	4.7
7	☐	1000.000	998.453	745510.03	0.4990	P	3.8
8	☐			20963.31	0.0155	P	13.3

$$y = 4.9928\text{E-}004 * x + 4.5267\text{E-}004$$

$$R = 1.0000$$

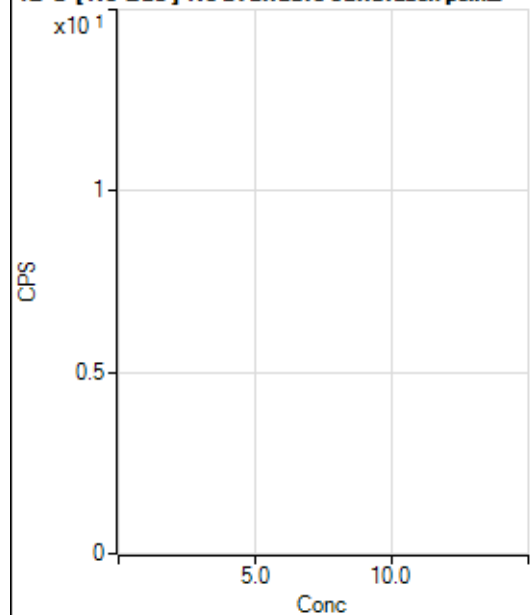
$$DL = 0.0372$$

$$BEC = 0.9067$$

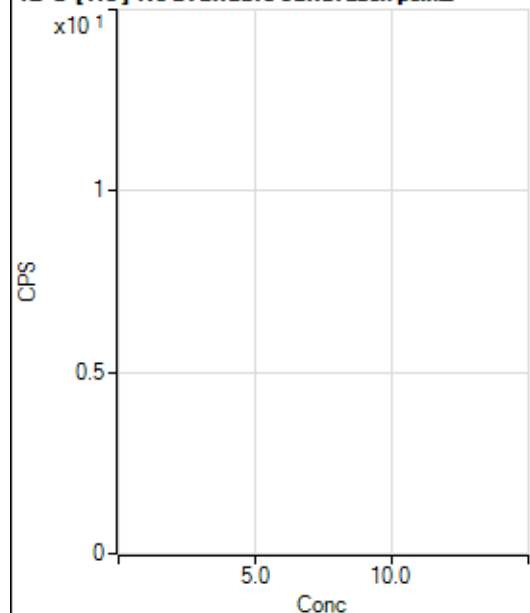
Weight: <None>

Min Conc: 0

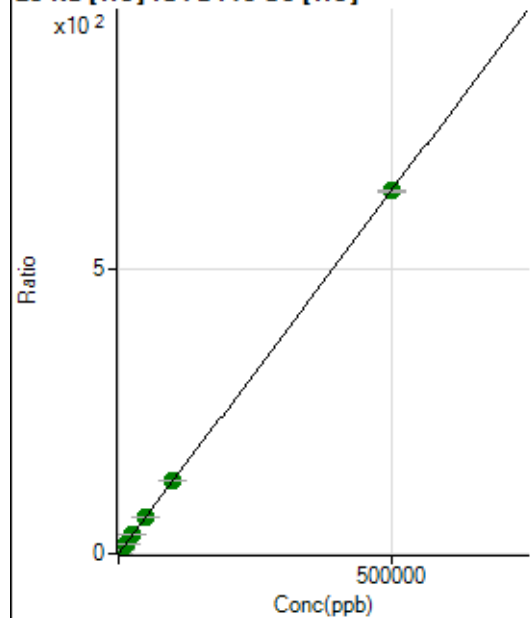
12 C [No Gas] No available calibration points



	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	7548.56	0.0284	P	1.7
2	☐	500.000	531.876	189029.22	0.7056	P	0.9
3	☐	5000.000	5299.258	1734463.03	6.7757	A	0.6
4	☐	12500.000	12937.361	4075502.61	16.5010	A	3.2
5	☐	25000.000	25781.893	8008193.01	32.8554	A	0.5
6	☐	50000.000	51255.747	15563154.77	65.2903	A	1.2
7	☐	100000.00	100327.10	30173705.39	127.7709	A	0.8
8	☐	500000.00	499755.95	138526605.7	636.3479	A	0.3

$$y = 0.0013 * x + 0.0284$$

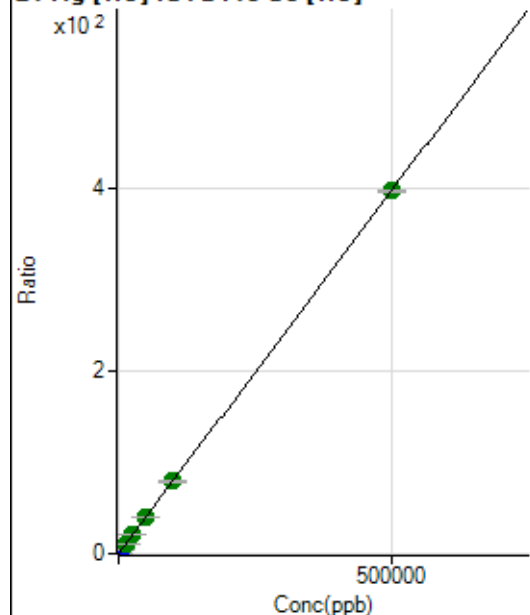
$$R = 1.0000$$

$$DL = 1.151$$

$$BEC = 22.27$$

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	196.67	0.0007	P	14.7
2	☐	500.000	530.363	113004.29	0.4218	P	0.7
3	☐	5000.000	5429.345	1103567.97	4.3111	P	0.8
4	☐	12500.000	13145.868	2577684.39	10.4374	A	3.5
5	☐	25000.000	25534.656	4941404.68	20.2729	A	0.6
6	☐	50000.000	51247.649	9698658.19	40.6867	A	1.3
7	☐	100000.00	99490.247	18653497.64	78.9869	A	1.0
8	☐	500000.00	499929.98	86402527.60	396.8996	A	0.3

$$y = 7.9391\text{E-}004 * x + 7.3873\text{E-}004$$

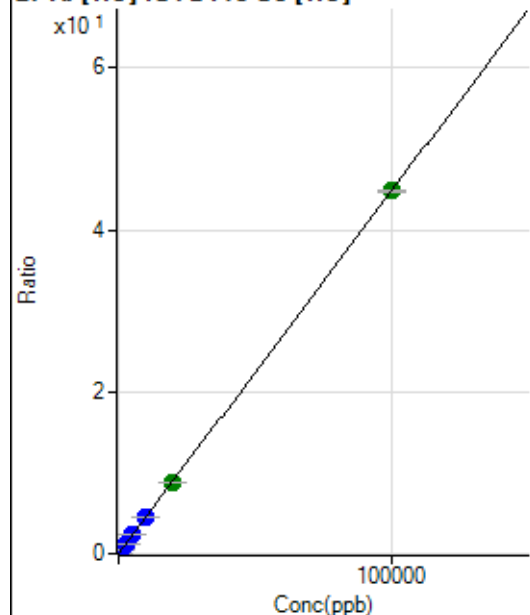
$$R = 1.0000$$

$$DL = 0.4106$$

$$BEC = 0.9305$$

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	76.67	0.0003	P	21.2
2	☐	20.000	22.067	2725.83	0.0102	P	4.6
3	☐	1000.000	1078.012	123705.52	0.4833	P	2.0
4	☐	2500.000	2617.209	289720.70	1.1729	P	2.2
5	☐	5000.000	5174.890	565205.15	2.3189	P	0.8
6	☐	10000.000	10228.362	1092488.92	4.5832	P	0.8
7	☐	20000.000	19810.684	2096173.32	8.8766	A	0.5
8	☐	100000.00	100002.57	9754028.53	44.8069	A	0.3

$$y = 4.4805\text{E-}004 * x + 2.8769\text{E-}004$$

$$R = 1.0000$$

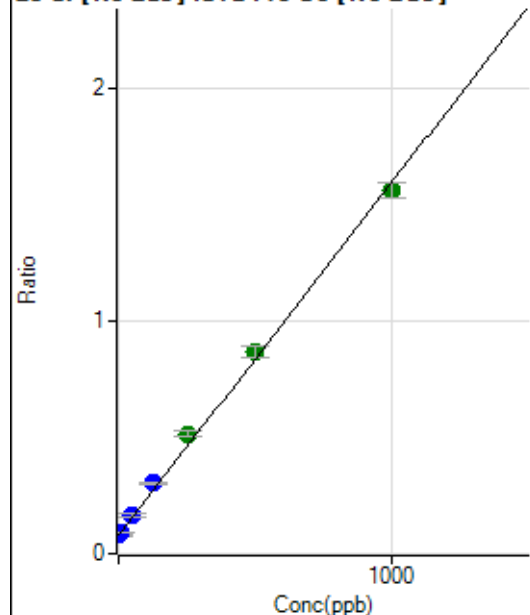
$$DL = 0.409$$

$$BEC = 0.6421$$

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	298233.65	0.0788	P	1.8
2	☐	10.000	6.532	329579.50	0.0887	P	0.4
3	☐	50.000	57.472	613919.18	0.1660	P	8.5
4	☐	125.000	147.706	1063873.53	0.3029	P	2.9
5	☐	250.000	288.755	1742896.52	0.5169	A	3.7
6	☐	500.000	520.610	2943274.44	0.8687	A	4.9
7	☐	1000.000	976.829	5175388.95	1.5609	A	4.1
8	☐			561539.06	0.1834	P	8.5

$$y = 0.0015 * x + 0.0788$$

$$R = 0.9986$$

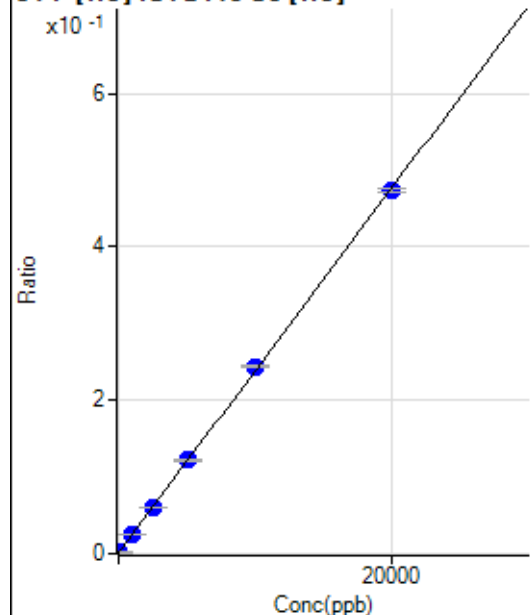
$$DL = 2.872$$

$$BEC = 51.94$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.965	184.45	0.0007	P	25.4
2	☐	0.000	12.965	351.12	0.0013	P	9.2
3	☐	1000.000	1044.733	6612.60	0.0258	P	2.3
4	☐	2500.000	2522.250	15056.40	0.0609	P	1.4
5	☐	5000.000	5074.634	29640.92	0.1216	P	1.4
6	☐	10000.000	10234.485	58221.35	0.2442	P	0.7
7	☐	20000.000	19859.081	111691.23	0.4730	P	1.1
8	☐			236.67	0.0011	P	1.0

$$y = 2.3767E-005 * x + 0.0010$$

$$R = 0.9999$$

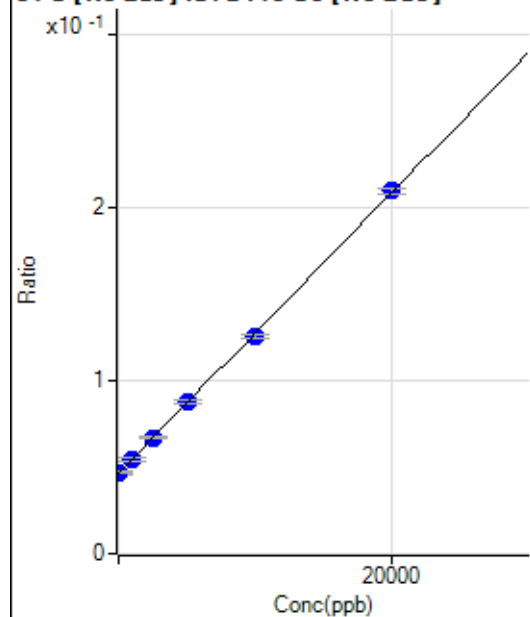
$$DL = 18.71$$

$$BEC = 42.18$$

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	-50.154	174911.71	0.0462	P	1.9
2	☐	0.000	50.154	174704.77	0.0470	P	1.4
3	☐	1000.000	970.884	201797.48	0.0545	P	3.4
4	☐	2500.000	2526.125	235509.64	0.0671	P	1.7
5	☐	5000.000	5087.469	295986.14	0.0878	P	2.0
6	☐	10000.000	9695.592	424042.09	0.1251	P	1.6
7	☐	20000.000	20128.527	695034.89	0.2096	P	1.6
8	☐			141219.81	0.0461	P	0.7

$$y = 8.0959\text{E-}006 * x + 0.0466$$

R = 0.9998

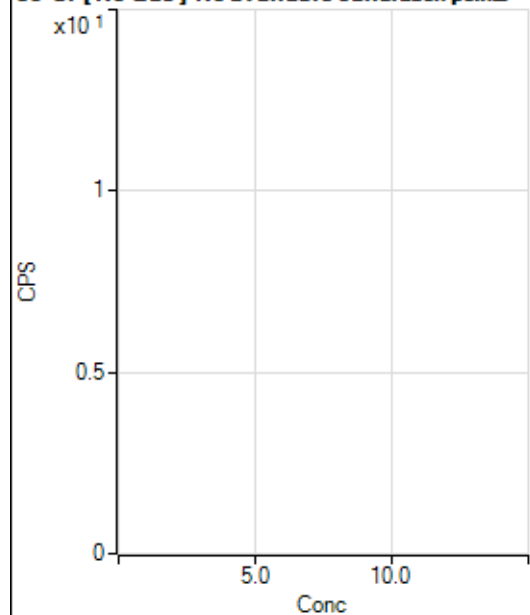
DL = 277.7

BEC = 5759

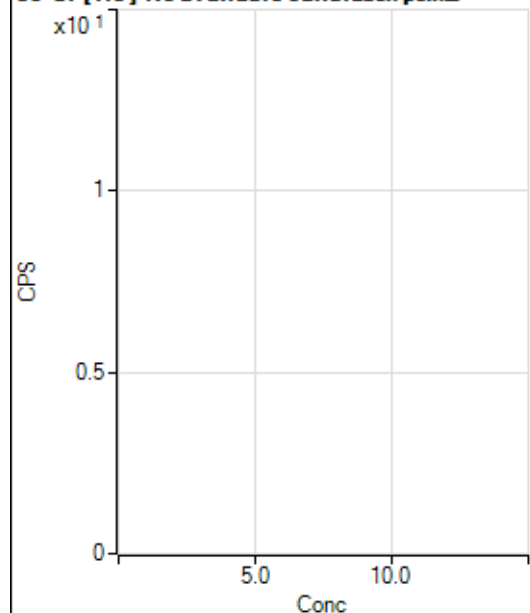
Weight: <None>

Min Conc: 0

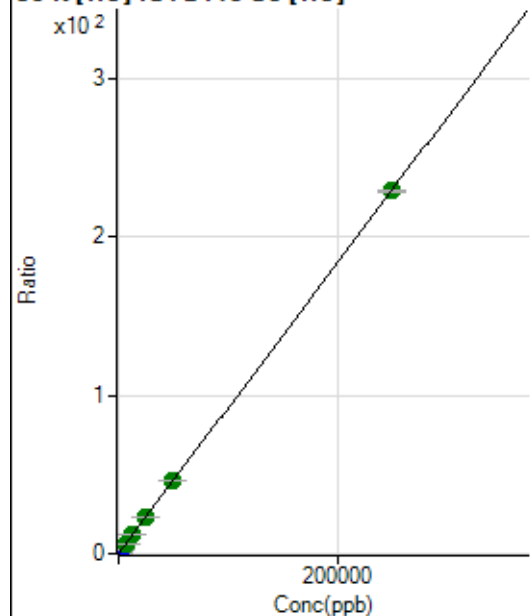
35 Cl [No Gas] No available calibration points



	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	37018.29	0.1391	P	1.6
2	☐	500.000	534.264	168206.54	0.6279	P	1.1
3	☐	2500.000	2767.110	683610.12	2.6707	P	1.6
4	☐	6250.000	6413.505	1483701.87	6.0068	A	2.2
5	☐	12500.000	12711.591	2868463.39	11.7689	A	1.6
6	☐	25000.000	25137.555	5515494.99	23.1373	A	0.1
7	☐	50000.000	50075.518	10852240.26	45.9530	A	0.5
8	☐	250000.00	249953.73	49812862.04	228.8210	A	0.4

$$y = 9.1490\text{E-}004 * x + 0.1391$$

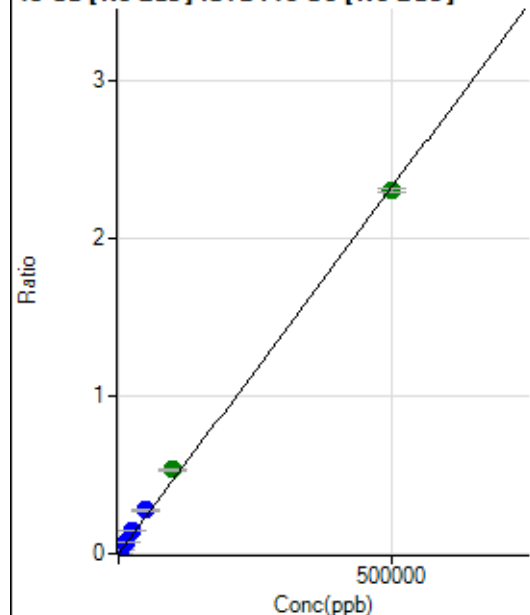
$$R = 1.0000$$

$$DL = 7.152$$

$$BEC = 152$$

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	95.56	0.0000	P	17.7
2	☐	500.000	555.798	9662.04	0.0026	P	3.8
3	☐	5000.000	6005.058	103080.20	0.0278	P	5.4
4	☐	12500.000	15234.596	247945.20	0.0706	P	1.0
5	☐	25000.000	30733.168	480093.56	0.1424	P	0.9
6	☐	50000.000	59602.257	935900.17	0.2762	P	2.5
7	☐	100000.00	114694.78	1762159.11	0.5314	A	3.2
8	☐	500000.00	495735.68	7030648.16	2.2968	A	1.1

$$y = 4.6331\text{E-}006 * x + 2.5201\text{E-}005$$

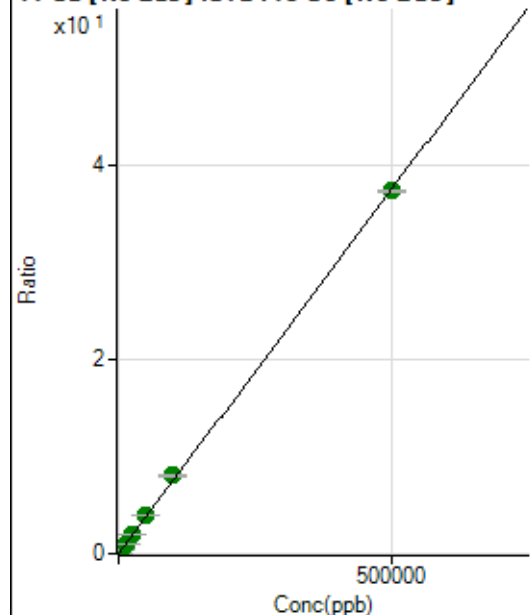
$$R = 0.9994$$

$$DL = 2.892$$

$$BEC = 5.439$$

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	10629.69	0.0028	P	3.8
2	☐	500.000	548.666	163459.17	0.0440	P	1.1
3	☐	5000.000	5352.050	1497286.99	0.4046	A	6.6
4	☐	12500.000	13652.791	3608675.64	1.0277	A	1.5
5	☐	25000.000	27264.421	6908860.03	2.0496	A	2.1
6	☐	50000.000	53296.299	13568952.44	4.0038	A	2.0
7	☐	100000.00	107157.49	26687498.77	8.0471	A	1.3
8	☐	500000.00	498093.26	114468294.9	37.3948	A	0.2

$$y = 7.5070\text{E-}005 * x + 0.0028$$

$$R = 0.9999$$

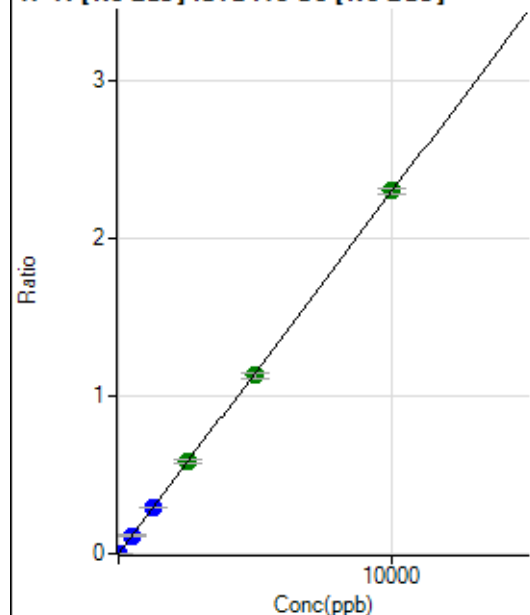
$$DL = 4.266$$

$$BEC = 37.42$$

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	52.22	0.0000	P	22.2
2	☐	5.000	5.060	4362.89	0.0012	P	1.9
3	☐	500.000	496.599	421569.14	0.1139	P	5.7
4	☐	1250.000	1257.463	1012638.24	0.2884	P	1.1
5	☐	2500.000	2549.460	1970721.98	0.5847	A	2.8
6	☐	5000.000	4918.884	3822734.11	1.1280	A	2.7
7	☐	10000.000	10027.430	7625821.97	2.2996	A	1.9
8	☐			2330.22	0.0008	P	34.3

$$y = 2.2932E-004 * x + 1.3759E-005$$

$$R = 0.9999$$

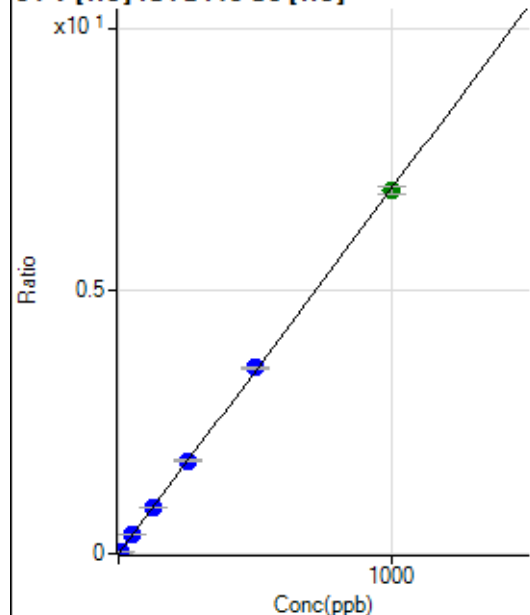
$$DL = 0.04001$$

$$BEC = 0.06$$

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	2.22	0.0000	P	86.6
2	☐	5.000	5.112	9516.40	0.0355	P	0.9
3	☐	50.000	51.008	90708.17	0.3544	P	1.7
4	☐	125.000	126.783	217569.45	0.8808	P	1.9
5	☐	250.000	254.773	431409.83	1.7700	P	0.8
6	☐	500.000	508.968	842876.85	3.5360	P	0.7
7	☐	1000.000	994.049	1630671.09	6.9060	A	2.0
8	☐			593.35	0.0027	P	4.6

$$y = 0.0069 * x + 8.2816E-006$$

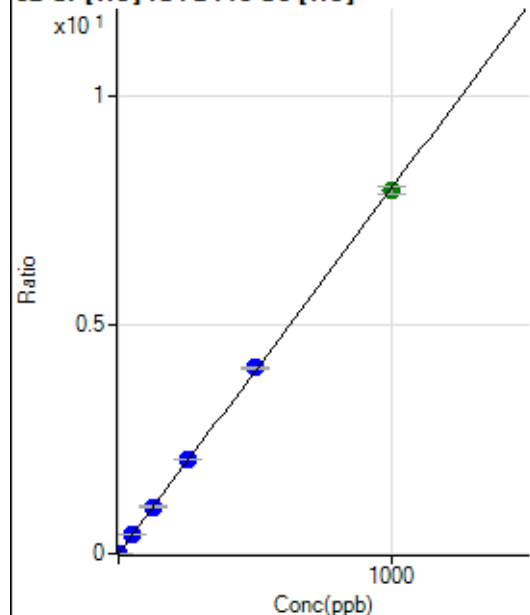
$$R = 0.9999$$

$$DL = 0.003097$$

$$BEC = 0.001192$$

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	660.02	0.0025	P	12.0
2	☐	2.000	2.057	5064.23	0.0189	P	0.9
3	☐	50.000	52.159	107221.95	0.4189	P	1.4
4	☐	125.000	128.294	253580.84	1.0267	P	2.8
5	☐	250.000	256.098	498921.74	2.0470	P	0.8
6	☐	500.000	509.599	970350.72	4.0707	P	0.7
7	☐	1000.000	993.157	1872777.99	7.9311	A	2.1
8	☐			13905.38	0.0639	P	1.8

$$y = 0.0080 * x + 0.0025$$

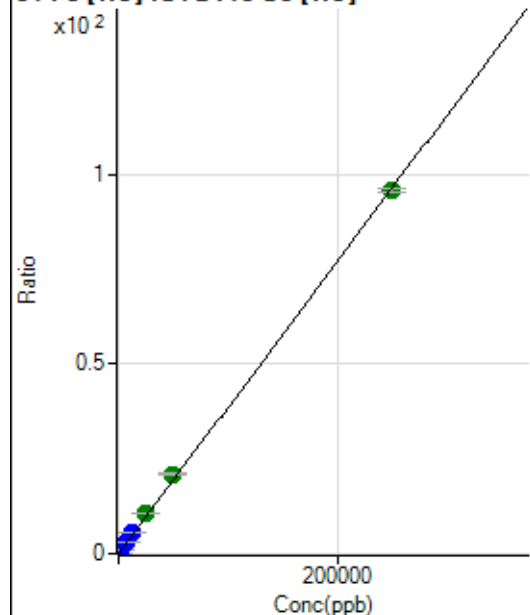
$$R = 0.9999$$

$$DL = 0.112$$

$$BEC = 0.3109$$

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	1172.28	0.0044	P	3.9
2	☐	50.000	58.713	7222.90	0.0270	P	1.6
3	☐	2500.000	2987.164	294917.26	1.1522	P	1.5
4	☐	6250.000	7403.749	703741.60	2.8491	P	2.3
5	☐	12500.000	14710.630	1378758.76	5.6566	P	0.5
6	☐	25000.000	27923.905	2558643.99	10.7336	A	1.1
7	☐	50000.000	54469.013	4943043.40	20.9330	A	1.8
8	☐	250000.00	248669.55	20801449.55	95.5503	A	0.9

$$y = 3.8423E-004 * x + 0.0044$$

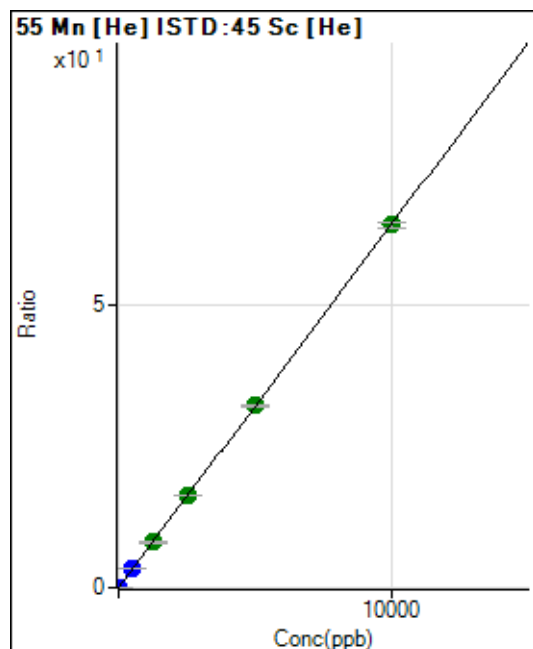
$$R = 0.9998$$

$$DL = 1.325$$

$$BEC = 11.46$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0002	P	33.4
2	☐	1.000	1.106	1956.81	0.0073	P	4.3
3	☐	500.000	524.786	863172.23	3.3721	P	1.0
4	☐	1250.000	1257.852	1996197.47	8.0822	A	2.9
5	☐	2500.000	2537.590	3974318.21	16.3048	A	1.7
6	☐	5000.000	5012.600	7677907.38	32.2074	A	0.9
7	☐	10000.000	9982.082	15144801.44	64.1375	A	1.7
8	☐			7803.20	0.0358	P	3.9

$$y = 0.0064 * x + 1.9674E-004$$

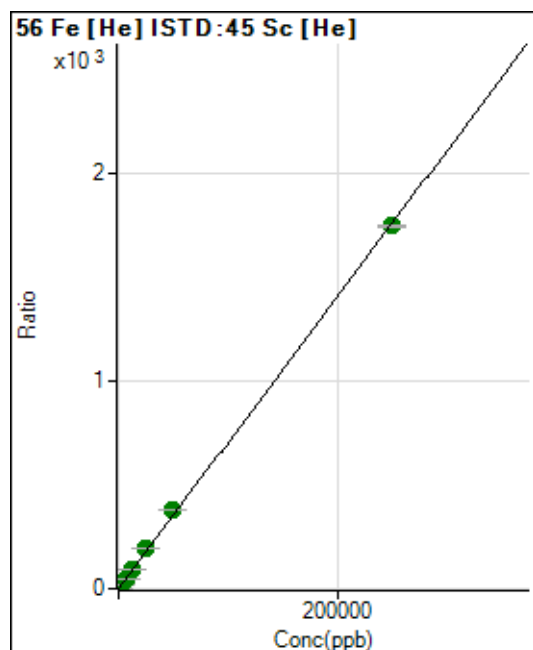
$$R = 1.0000$$

$$DL = 0.03072$$

$$BEC = 0.03062$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7103.98	0.0267	P	0.8
2	☐	50.000	57.163	114802.96	0.4285	P	1.4
3	☐	2500.000	2797.766	5040970.58	19.6935	A	1.3
4	☐	6250.000	6876.728	11947194.54	48.3664	A	1.9
5	☐	12500.000	13716.772	23508227.71	96.4482	A	0.2
6	☐	25000.000	27138.163	45482084.32	190.7933	A	0.3
7	☐	50000.000	54303.323	90144940.88	381.7498	A	1.2
8	☐	250000.00	248846.03	380807367.6	1,749.280	A	0.4

$$y = 0.0070 * x + 0.0267$$

$$R = 0.9998$$

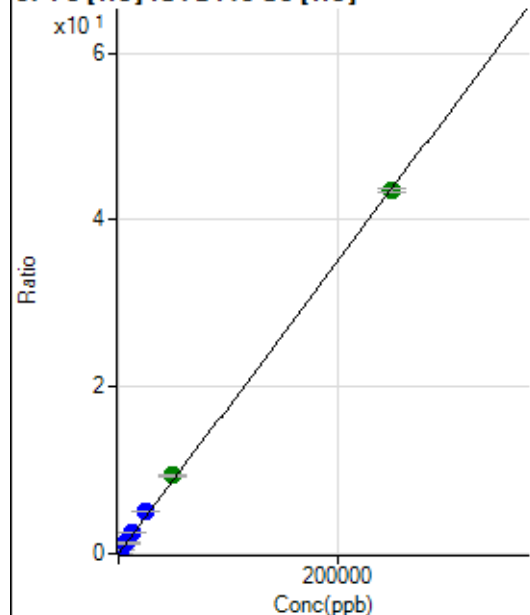
$$DL = 0.09581$$

$$BEC = 3.796$$

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	267.78	0.0010	P	2.9
2	☐	50.000	58.099	2990.33	0.0112	P	4.3
3	☐	2500.000	2936.295	131633.52	0.5142	P	1.3
4	☐	6250.000	7306.553	315705.19	1.2781	P	2.2
5	☐	12500.000	14555.641	620368.43	2.5452	P	0.4
6	☐	25000.000	28743.400	1197891.41	5.0252	P	0.3
7	☐	50000.000	53583.032	2211888.60	9.3670	A	1.2
8	☐	250000.00	248775.49	9466199.44	43.4852	A	0.9

$$y = 1.7479\text{E-}004 * x + 0.0010$$

$$R = 0.9998$$

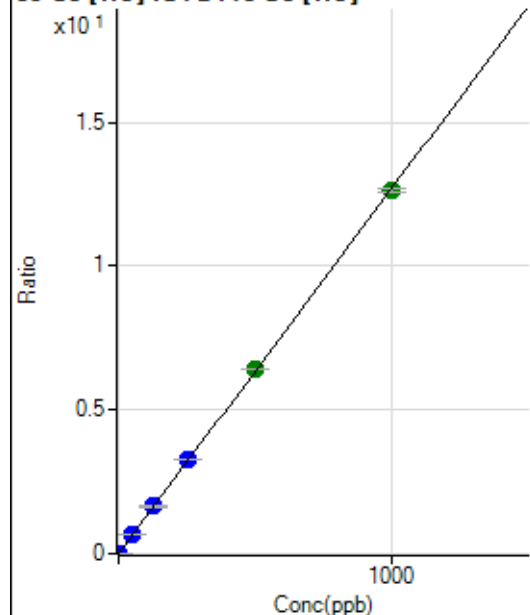
$$DL = 0.4944$$

$$BEC = 5.754$$

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	15.56	0.0001	P	32.2
2	☐	1.000	1.080	3686.05	0.0138	P	2.5
3	☐	50.000	52.868	171625.58	0.6705	P	1.2
4	☐	125.000	129.898	406895.54	1.6473	P	2.1
5	☐	250.000	258.435	798796.16	3.2773	P	0.2
6	☐	500.000	505.921	1529287.32	6.4156	A	0.9
7	☐	1000.000	994.175	2977021.97	12.6071	A	1.1
8	☐			3041.45	0.0140	P	4.5

$$y = 0.0127 * x + 5.8382\text{E-}005$$

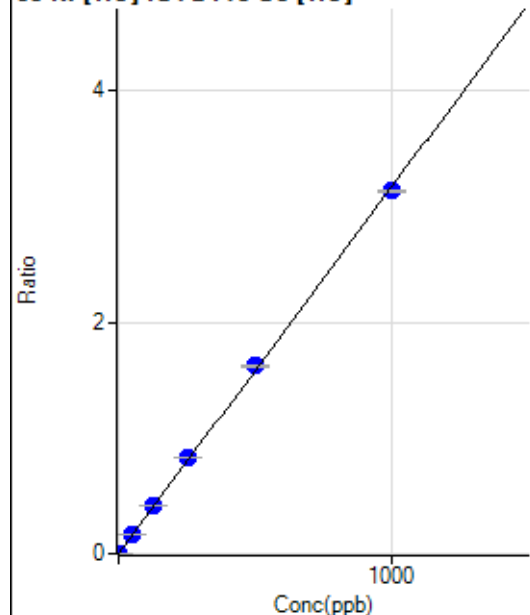
$$R = 0.9999$$

$$DL = 0.004449$$

$$BEC = 0.004604$$

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	53.33	0.0002	P	16.9
2	☐	1.000	1.146	1026.71	0.0038	P	7.3
3	☐	50.000	54.420	44184.84	0.1726	P	1.1
4	☐	125.000	131.349	102844.86	0.4163	P	1.5
5	☐	250.000	261.081	201658.27	0.8273	P	0.3
6	☐	500.000	512.683	387228.64	1.6245	P	0.6
7	☐	1000.000	989.873	740628.18	3.1363	P	0.6
8	☐			1974.60	0.0091	P	0.7

$$y = 0.0032 * x + 2.0040E-004$$

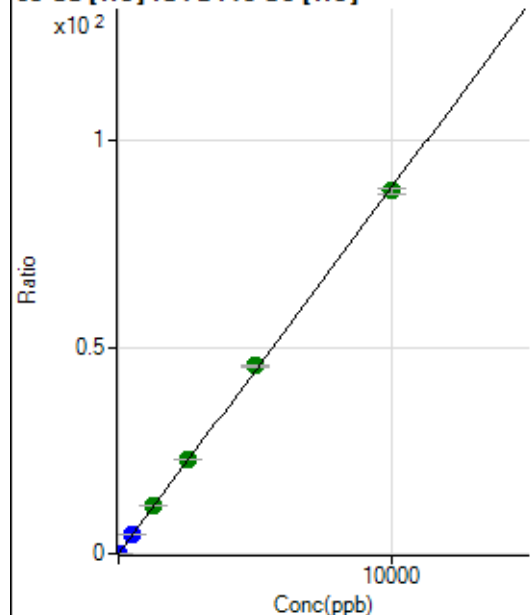
$$R = 0.9998$$

$$DL = 0.03211$$

$$BEC = 0.06325$$

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	498.90	0.0019	P	7.6
2	☐	2.000	2.269	5892.33	0.0220	P	2.0
3	☐	500.000	540.446	1227393.70	4.7950	P	1.4
4	☐	1250.000	1320.739	2893911.45	11.7153	A	1.7
5	☐	2500.000	2568.531	5552808.11	22.7818	A	0.9
6	☐	5000.000	5123.034	10831083.38	45.4373	A	1.4
7	☐	10000.000	9910.486	20755683.30	87.8965	A	1.4
8	☐			4128.39	0.0190	P	5.0

$$y = 0.0089 * x + 0.0019$$

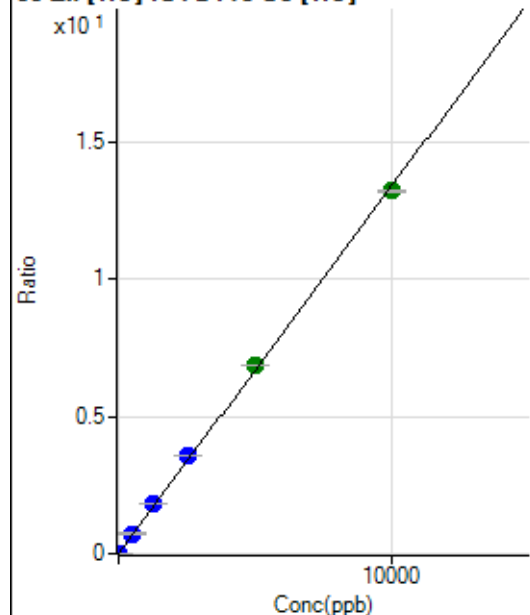
$$R = 0.9999$$

$$DL = 0.04815$$

$$BEC = 0.2114$$

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	93.21	0.0003	P	8.2
2	☐	2.000	2.383	947.22	0.0035	P	5.3
3	☐	500.000	549.018	187962.55	0.7343	P	1.5
4	☐	1250.000	1355.806	447822.55	1.8129	P	1.5
5	☐	2500.000	2678.000	872692.92	3.5805	P	0.5
6	☐	5000.000	5130.429	1635049.55	6.8590	A	0.3
7	☐	10000.000	9874.609	3117611.24	13.2013	A	0.5
8	☐			9244.17	0.0425	P	2.4

$$y = 0.0013 * x + 3.4984E-004$$

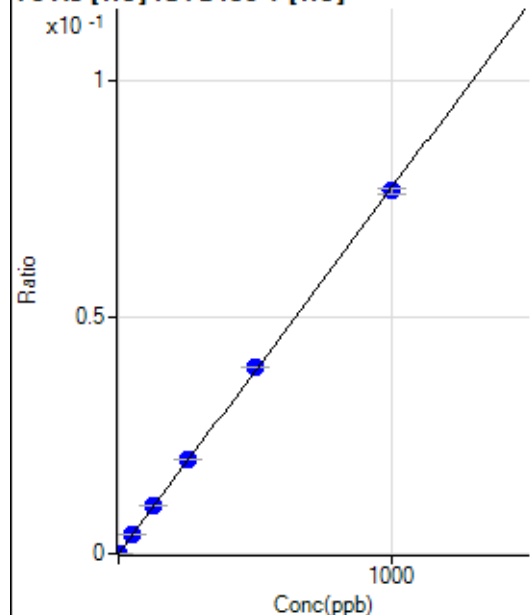
$$R = 0.9997$$

$$DL = 0.06466$$

$$BEC = 0.2617$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.099	265.56	0.0001	P	4.6
3	☐	50.000	52.573	12241.80	0.0041	P	1.9
4	☐	125.000	130.949	29611.80	0.0101	P	2.4
5	☐	250.000	256.748	58287.15	0.0199	P	0.7
6	☐	500.000	510.338	114722.43	0.0395	P	0.4
7	☐	1000.000	992.271	222973.97	0.0768	P	1.3
8	☐			66.67	0.0000	P	14.0

$$y = 7.7395E-005 * x + 3.5367E-007$$

$$R = 0.9999$$

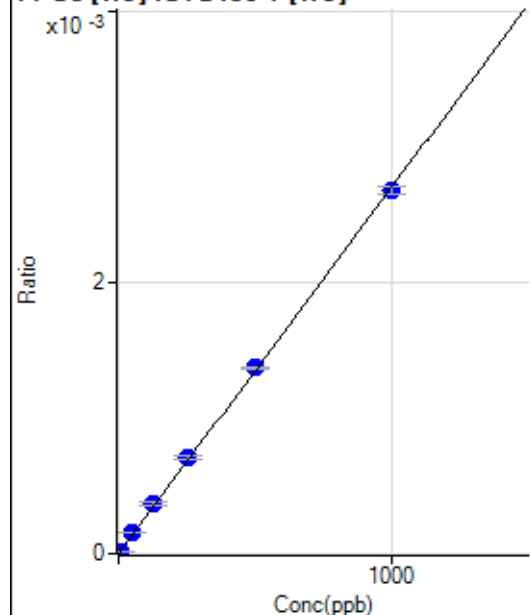
$$DL = 0.02374$$

$$BEC = 0.00457$$

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	7.017	58.89	0.0000	P	12.4
3	☐	50.000	57.653	467.79	0.0002	P	3.1
4	☐	125.000	136.989	1078.94	0.0004	P	7.7
5	☐	250.000	264.127	2089.06	0.0007	P	4.8
6	☐	500.000	507.556	3976.12	0.0014	P	0.8
7	☐	1000.000	990.799	7758.76	0.0027	P	2.0
8	☐			3.33	0.0000	P	100.

$$y = 2.6972\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

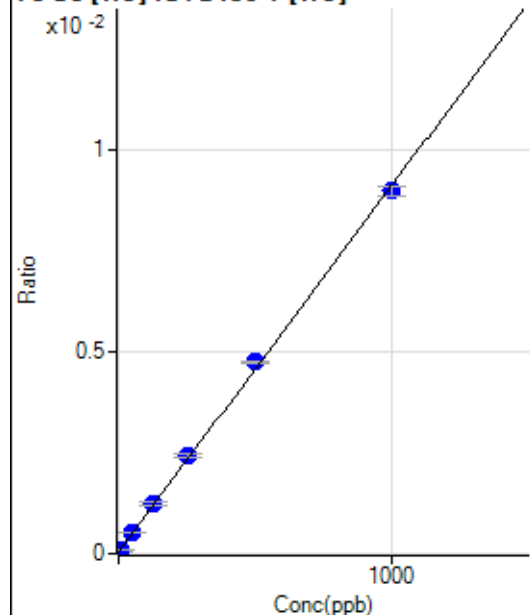
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.23	0.0000	P	8.7
2	☐	5.000	6.391	313.34	0.0001	P	18.9
3	☐	50.000	52.660	1564.55	0.0005	P	4.7
4	☐	125.000	131.630	3609.36	0.0012	P	5.1
5	☐	250.000	262.735	7108.44	0.0024	P	3.1
6	☐	500.000	518.625	13775.40	0.0047	P	1.1
7	☐	1000.000	986.535	26081.92	0.0090	P	2.6
8	☐			164.45	0.0001	P	9.1

$$y = 9.0626\text{E-}006 * x + 4.2799\text{E-}005$$

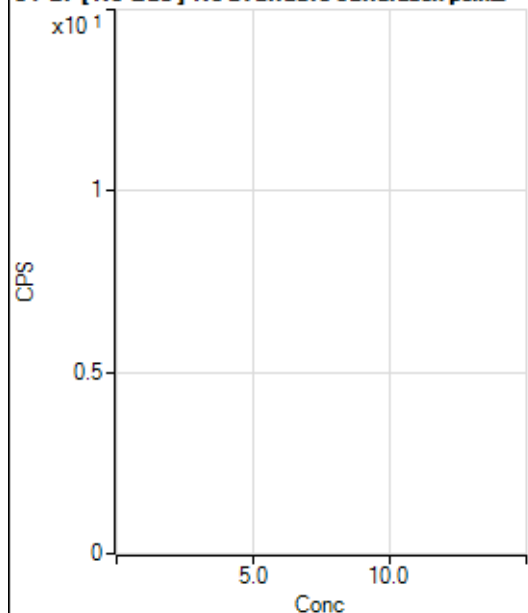
$$R = 0.9996$$

$$DL = 1.228$$

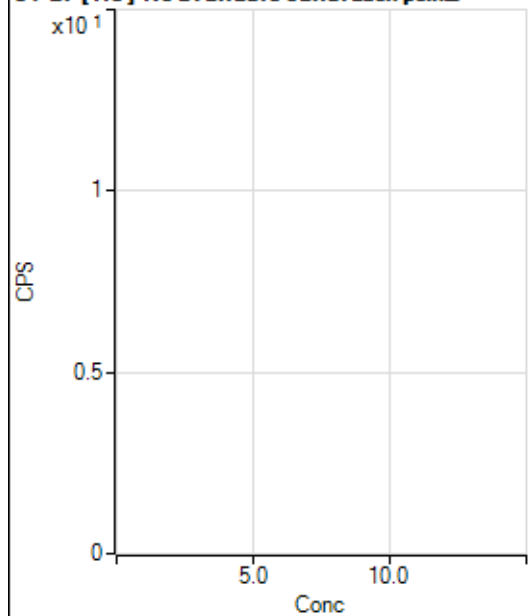
$$BEC = 4.723$$

Weight: <None>

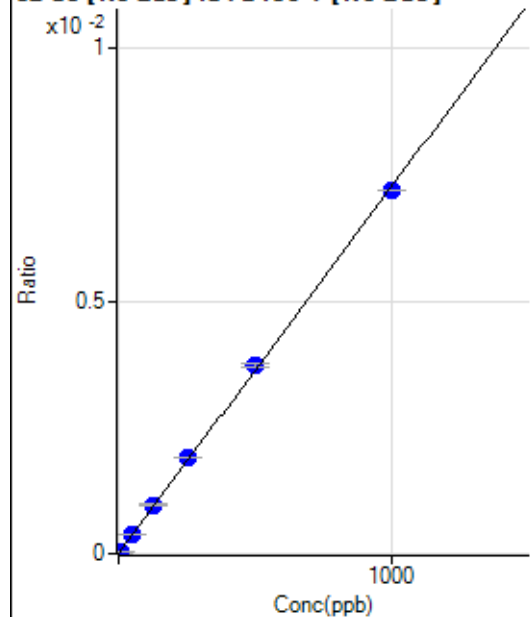
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36302.44		P	1.1
2	☐			35578.46		P	0.8
3	☐			35422.48		P	1.9
4	☐			34331.16		P	1.4
5	☐			33263.14		P	0.3
6	☐			33241.85		P	2.0
7	☐			33608.24		P	2.1
8	☐			32182.92		P	2.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	36.5
2	☐			48.89		P	21.9
3	☐			56.67		P	35.8
4	☐			48.89		P	23.9
5	☐			55.55		P	48.1
6	☐			57.78		P	26.0
7	☐			51.11		P	10.0
8	☐			75.55		P	20.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.39	0.0000	P	28.6
2	☐	5.000	5.445	594.42	0.0000	P	2.6
3	☐	50.000	51.924	5358.26	0.0004	P	6.9
4	☐	125.000	132.800	13057.87	0.0010	P	2.2
5	☐	250.000	262.729	25472.23	0.0019	P	0.7
6	☐	500.000	513.974	49701.90	0.0037	P	1.4
7	☐	1000.000	988.757	96126.89	0.0072	P	0.1
8	☐			199.71	0.0000	P	11.6

$$y = 7.2613\text{E-}006 * x + 3.7060\text{E-}006$$

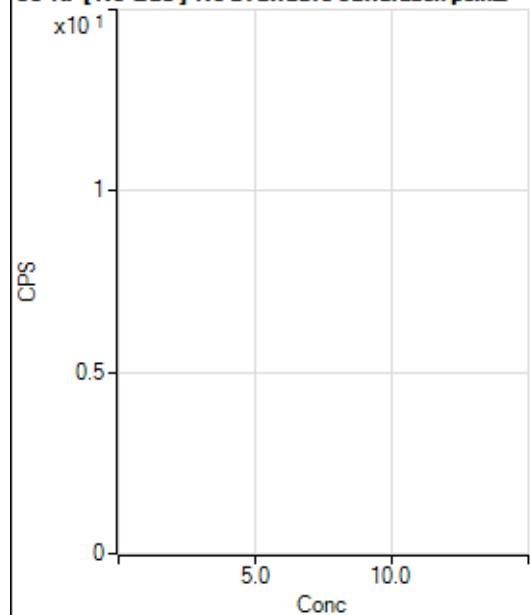
$$R = 0.9998$$

$$DL = 0.4374$$

$$BEC = 0.5104$$

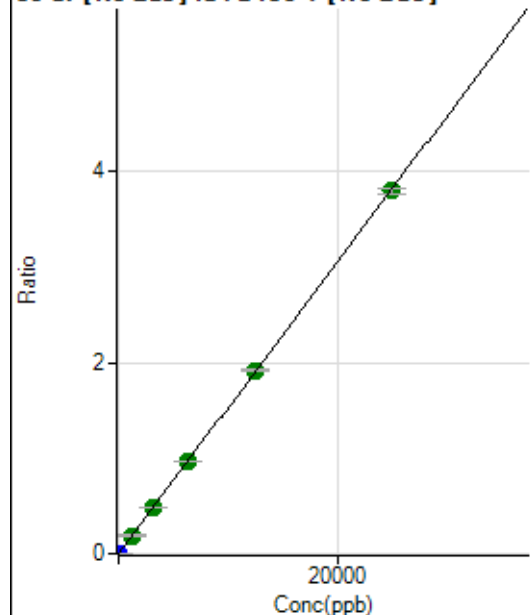
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			90.00		P	9.8
2	☐			86.67		P	13.9
3	☐			85.56		P	11.9
4	☐			97.78		P	20.0
5	☐			85.56		P	33.6
6	☐			94.44		P	8.9
7	☐			116.67		P	11.4
8	☐			145.56		P	12.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	178.89	0.0000	P	10.0
2	☐	1.000	1.006	2280.20	0.0002	P	2.2
3	☐	1250.000	1245.273	2669349.82	0.1896	A	6.1
4	☐	3125.000	3164.637	6500228.52	0.4818	A	1.4
5	☐	6250.000	6357.850	12899773.70	0.9680	A	0.5
6	☐	12500.000	12606.930	25536929.07	1.9195	A	1.8
7	☐	25000.000	24914.854	50764538.13	3.7934	A	1.2
8	☐			20522.80	0.0017	P	23.3

$$y = 1.5225\text{E-}004 * x + 1.2643\text{E-}005$$

$$R = 1.0000$$

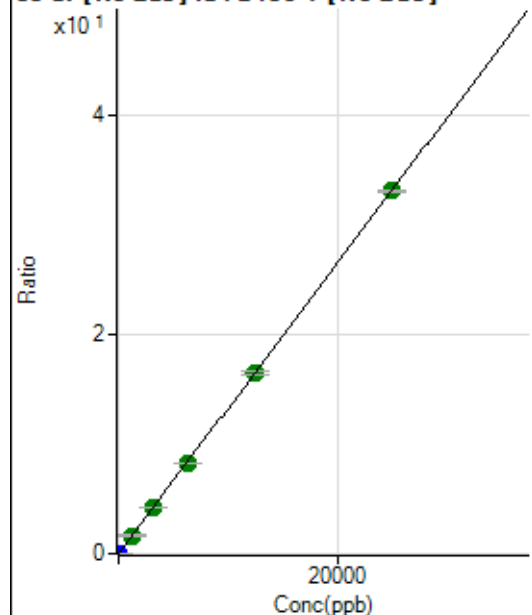
$$DL = 0.02493$$

$$BEC = 0.08304$$

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	135.56	0.0000	P	5.6
2	☐	1.000	1.033	18963.41	0.0014	P	1.9
3	☐	1250.000	1255.793	23425526.60	1.6654	A	8.1
4	☐	3125.000	3164.211	56603091.93	4.1962	A	2.6
5	☐	6250.000	6266.015	110735279.4	8.3095	A	0.8
6	☐	12500.000	12464.721	219915185.6	16.5298	A	1.9
7	☐	25000.000	25008.445	443815864.5	33.1644	A	0.6
8	☐			177851.79	0.0151	P	24.2

$$y = 0.0013 * x + 9.5732\text{E-}006$$

$$R = 1.0000$$

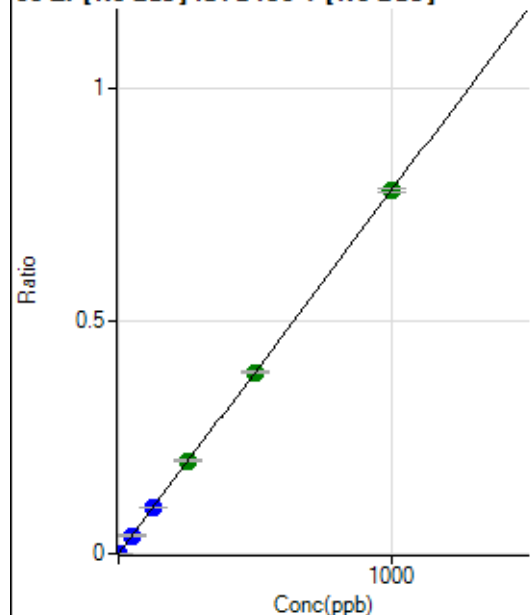
$$DL = 0.001213$$

$$BEC = 0.007219$$

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	494.46	0.0000	P	5.7
2	☐	1.000	0.997	11208.84	0.0008	P	1.1
3	☐	50.000	50.045	551234.47	0.0392	P	8.2
4	☐	125.000	127.447	1345618.75	0.0998	P	2.2
5	☐	250.000	255.325	2662841.44	0.1998	A	1.8
6	☐	500.000	499.950	5204705.76	0.3912	A	1.2
7	☐	1000.000	998.386	10453746.16	0.7812	A	1.0
8	☐			3999.49	0.0003	P	21.9

$$y = 7.8243\text{E-}004 * x + 3.4939\text{E-}005$$

$$R = 1.0000$$

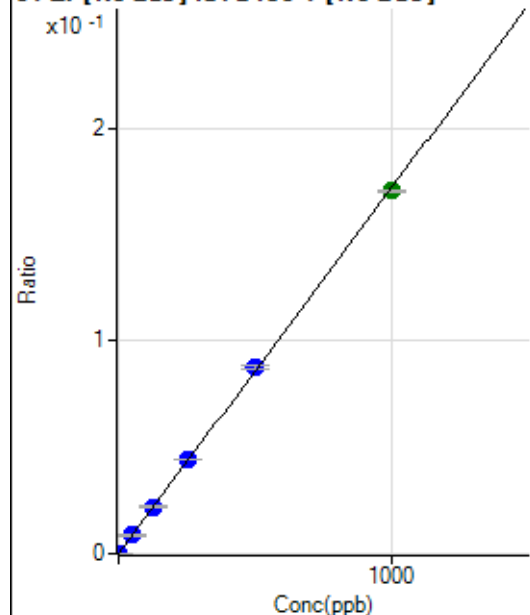
$$DL = 0.007629$$

$$BEC = 0.04465$$

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	71.11	0.0000	P	6.2
2	☐	1.000	1.029	2500.24	0.0002	P	1.3
3	☐	50.000	50.088	121224.58	0.0086	P	7.2
4	☐	125.000	128.015	296903.96	0.0220	P	2.5
5	☐	250.000	258.008	591125.77	0.0444	P	0.5
6	☐	500.000	511.168	1169093.84	0.0879	P	1.8
7	☐	1000.000	992.033	2282122.71	0.1705	A	0.4
8	☐			863.37	0.0001	P	18.8

$$y = 1.7190\text{E-}004 * x + 5.0246\text{E-}006$$

$$R = 0.9999$$

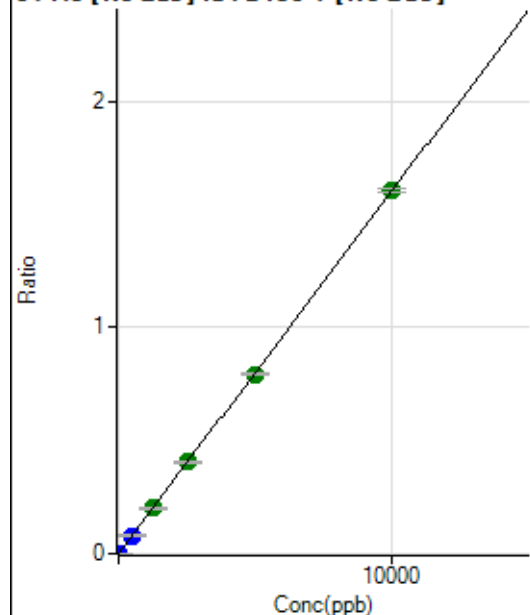
$$DL = 0.005434$$

$$BEC = 0.02923$$

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	101.11	0.0000	P	21.9
2	☐	5.000	5.903	13094.84	0.0010	P	1.2
3	☐	500.000	503.624	1134796.48	0.0807	P	7.8
4	☐	1250.000	1251.089	2703020.36	0.2004	A	2.6
5	☐	2500.000	2527.494	5394325.54	0.4048	A	0.6
6	☐	5000.000	4951.667	10550783.18	0.7930	A	1.0
7	☐	10000.000	10016.975	21467468.99	1.6043	A	1.0
8	☐			7798.92	0.0007	P	26.2

$$y = 1.6016\text{E-}004 * x + 7.1422\text{E-}006$$

$$R = 1.0000$$

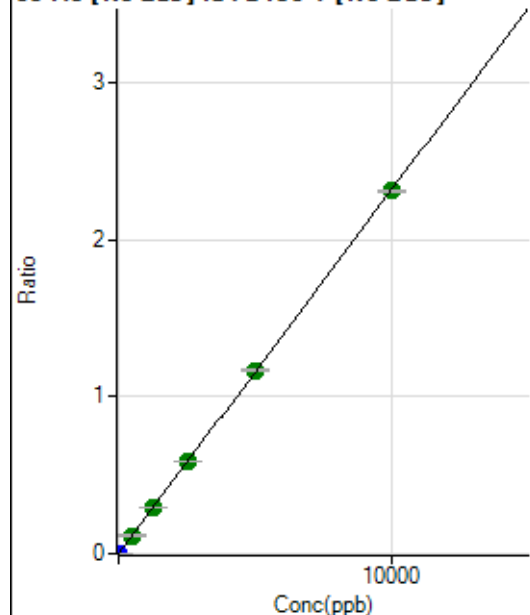
$$DL = 0.0293$$

$$BEC = 0.0446$$

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	31.11	0.0000	P	6.1
2	☐	5.000	5.012	16001.05	0.0012	P	1.0
3	☐	500.000	492.812	1606636.19	0.1142	A	8.4
4	☐	1250.000	1267.147	3961960.11	0.2937	A	2.6
5	☐	2500.000	2548.902	7873531.90	0.5908	A	0.5
6	☐	5000.000	5026.997	15502350.04	1.1652	A	1.2
7	☐	10000.000	9972.492	30933256.76	2.3116	A	0.4
8	☐			10109.36	0.0009	P	28.8

$$y = 2.3179\text{E-}004 * x + 2.1975\text{E-}006$$

$$R = 1.0000$$

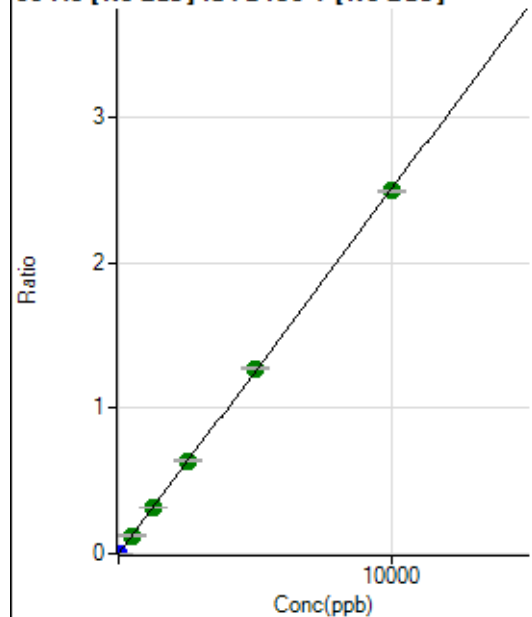
$$DL = 0.001746$$

$$BEC = 0.00948$$

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	88.89	0.0000	P	19.8
2	☐	5.000	5.087	17619.58	0.0013	P	1.4
3	☐	500.000	494.587	1744707.96	0.1240	A	7.8
4	☐	1250.000	1266.473	4283646.85	0.3176	A	2.1
5	☐	2500.000	2553.116	8531187.23	0.6402	A	0.8
6	☐	5000.000	5069.832	16911860.30	1.2712	A	1.1
7	☐	10000.000	9950.017	33385768.67	2.4948	A	0.6
8	☐			24005.71	0.0020	P	15.1

$$y = 2.5073\text{E-}004 * x + 6.2719\text{E-}006$$

$$R = 0.9999$$

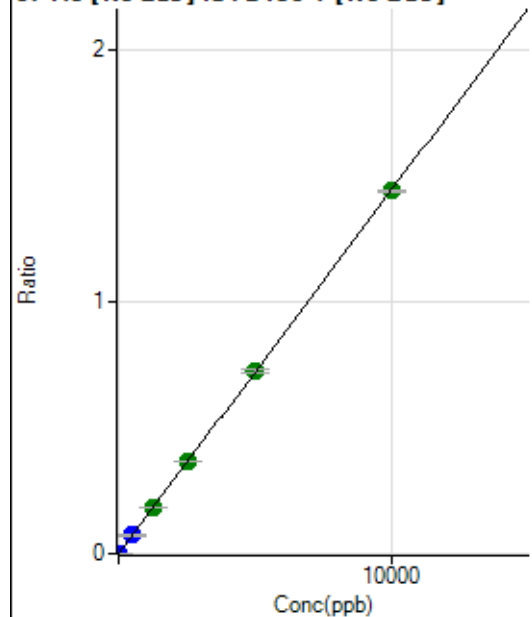
$$DL = 0.01483$$

$$BEC = 0.02501$$

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	14.44	0.0000	P	12.5
2	☐	5.000	5.024	10001.27	0.0007	P	2.0
3	☐	500.000	506.085	1029605.83	0.0732	P	7.7
4	☐	1250.000	1260.135	2458254.93	0.1822	A	2.0
5	☐	2500.000	2529.637	4875266.59	0.3658	A	1.1
6	☐	5000.000	5027.545	9672620.00	0.7270	A	1.7
7	☐	10000.000	9977.247	19308619.16	1.4428	A	0.7
8	☐			6729.50	0.0006	P	32.2

$$y = 1.4461\text{E-}004 * x + 1.0196\text{E-}006$$

$$R = 1.0000$$

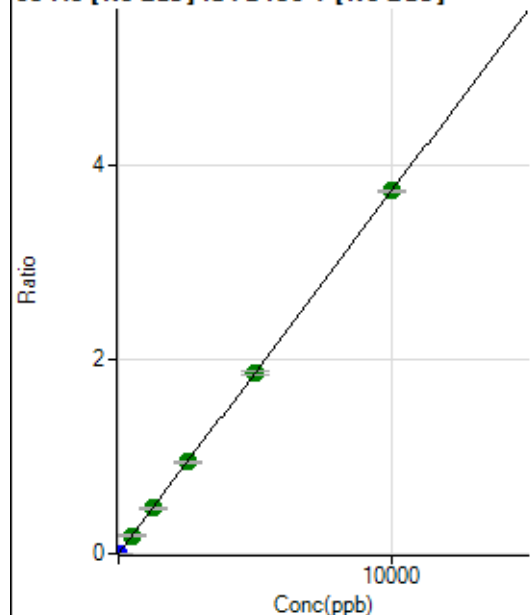
$$DL = 0.002649$$

$$BEC = 0.00705$$

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	30.00	0.0000	P	23.2
2	☐	5.000	5.019	25752.73	0.0019	P	2.4
3	☐	500.000	497.543	2610173.86	0.1855	A	7.4
4	☐	1250.000	1251.419	6293942.41	0.4666	A	2.3
5	☐	2500.000	2523.202	12537361.48	0.9408	A	0.6
6	☐	5000.000	4972.918	24667477.13	1.8541	A	1.9
7	☐	10000.000	10007.686	49931926.48	3.7313	A	0.7
8	☐			15896.04	0.0013	P	30.9

$$y = 3.7284\text{E-}004 * x + 2.1222\text{E-}006$$

$$R = 1.0000$$

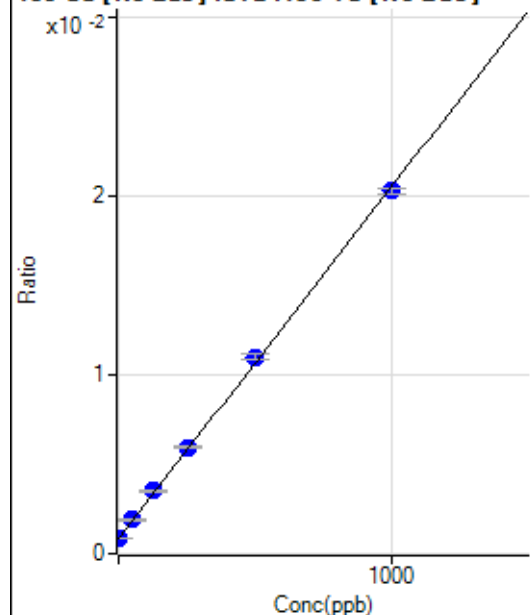
$$DL = 0.003959$$

$$BEC = 0.005692$$

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	7299.66	0.0008	P	0.8
2	☐	1.000	0.849	7294.13	0.0009	P	6.0
3	☐	50.000	53.820	16397.13	0.0019	P	2.2
4	☐	125.000	135.890	29545.61	0.0035	P	2.5
5	☐	250.000	258.822	50150.63	0.0059	P	1.5
6	☐	500.000	515.673	92138.65	0.0110	P	2.7
7	☐	1000.000	988.406	172188.32	0.0203	P	1.3
8	☐			6215.83	0.0008	P	1.8

$$y = 1.9639\text{E-}005 * x + 8.4108\text{E-}004$$

$$R = 0.9997$$

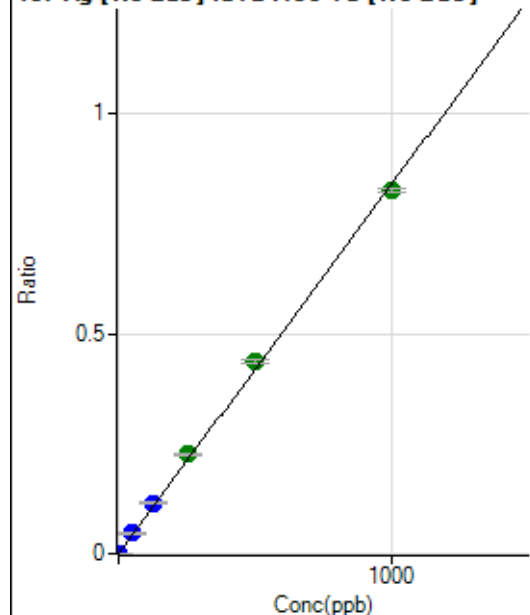
$$DL = 1.055$$

$$BEC = 42.83$$

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	85.56	0.0000	P	6.4
2	☐	1.000	1.126	8130.13	0.0010	P	3.7
3	☐	50.000	55.735	403978.99	0.0468	P	6.6
4	☐	125.000	137.574	973266.44	0.1156	P	1.4
5	☐	250.000	269.803	1919167.87	0.2267	A	1.7
6	☐	500.000	521.381	3680743.76	0.4381	A	1.9
7	☐	1000.000	982.500	7019009.82	0.8256	A	1.1
8	☐			3786.10	0.0005	P	17.4

$$y = 8.4027E-004 * x + 9.8595E-006$$

$$R = 0.9994$$

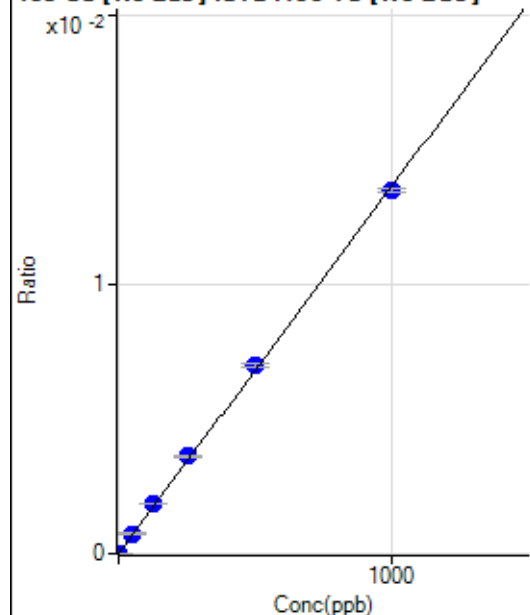
$$DL = 0.002247$$

$$BEC = 0.01173$$

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	14.44	0.0000	P	13.6
2	☐	1.000	1.220	155.56	0.0000	P	4.9
3	☐	50.000	54.178	6374.79	0.0007	P	8.6
4	☐	125.000	136.622	15681.89	0.0019	P	1.6
5	☐	250.000	264.578	30526.59	0.0036	P	1.4
6	☐	500.000	512.206	58627.77	0.0070	P	2.5
7	☐	1000.000	988.591	114509.95	0.0135	P	0.9
8	☐			88.89	0.0000	P	39.8

$$y = 1.3622E-005 * x + 1.6646E-006$$

$$R = 0.9997$$

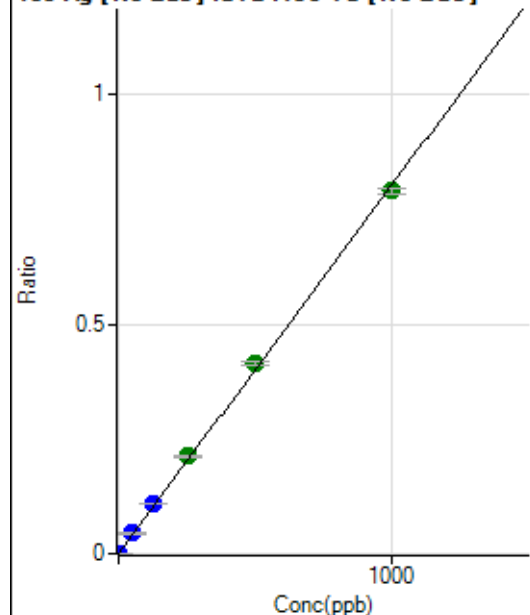
$$DL = 0.04996$$

$$BEC = 0.1222$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	9.4
2	☐	1.000	1.132	7738.80	0.0009	P	4.2
3	☐	50.000	55.557	384094.54	0.0445	P	6.5
4	☐	125.000	136.623	921960.88	0.1095	P	1.7
5	☐	250.000	266.225	1806673.89	0.2134	A	1.8
6	☐	500.000	517.440	3484477.87	0.4148	A	2.6
7	☐	1000.000	985.493	6716303.30	0.7900	A	1.4
8	☐			3473.79	0.0005	P	16.2

$$y = 8.0158\text{E-}004 * x + 2.4328\text{E-}006$$

$$R = 0.9996$$

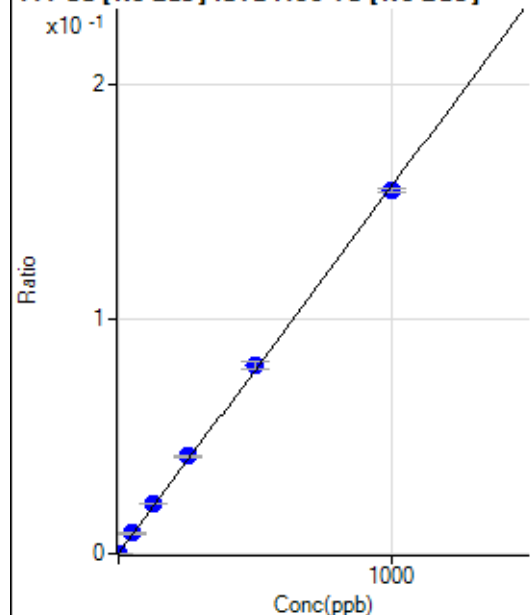
$$DL = 0.0008568$$

$$BEC = 0.003035$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	725.41	0.0001	P	0.5
2	☐	1.000	1.127	2212.85	0.0003	P	4.7
3	☐	50.000	54.700	74662.29	0.0087	P	6.6
4	☐	125.000	135.343	179291.00	0.0213	P	2.4
5	☐	250.000	265.115	352483.76	0.0416	P	1.7
6	☐	500.000	513.497	676697.61	0.0806	P	3.9
7	☐	1000.000	987.945	1317305.45	0.1549	P	1.1
8	☐			1153.82	0.0002	P	11.9

$$y = 1.5674\text{E-}004 * x + 8.3579\text{E-}005$$

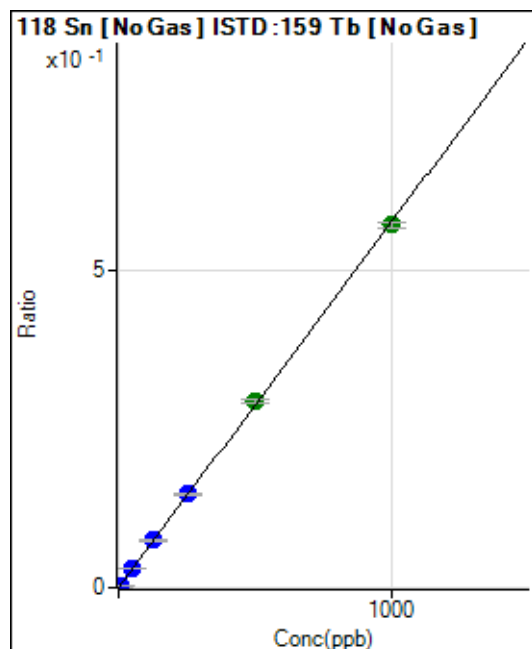
$$R = 0.9997$$

$$DL = 0.007255$$

$$BEC = 0.5332$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	887.83	0.0001	P	7.3
2	☐	5.000	5.083	25830.97	0.0030	P	0.6
3	☐	50.000	51.835	258859.71	0.0300	P	7.3
4	☐	125.000	129.629	630784.13	0.0749	P	1.7
5	☐	250.000	255.360	1248728.22	0.1475	P	1.9
6	☐	500.000	511.660	2482075.66	0.2954	A	2.2
7	☐	1000.000	992.159	4870173.23	0.5728	A	1.9
8	☐			3289.31	0.0004	P	16.1

$$y = 5.7723\text{E-}004 * x + 1.0222\text{E-}004$$

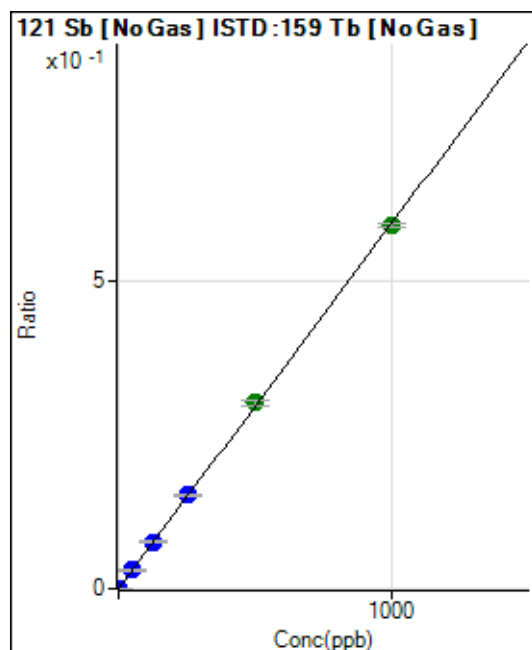
$$R = 0.9999$$

$$DL = 0.03878$$

$$BEC = 0.1771$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28.89	0.0000	P	37.9
2	☐	2.000	2.119	10719.64	0.0013	P	2.2
3	☐	50.000	51.109	261400.48	0.0303	P	7.1
4	☐	125.000	128.615	642179.60	0.0763	P	1.7
5	☐	250.000	256.042	1285588.09	0.1519	P	1.5
6	☐	500.000	508.779	2534432.15	0.3017	A	3.8
7	☐	1000.000	993.593	5010262.15	0.5893	A	1.1
8	☐			3696.07	0.0005	P	11.1

$$y = 5.9308\text{E-}004 * x + 3.3387\text{E-}006$$

$$R = 0.9999$$

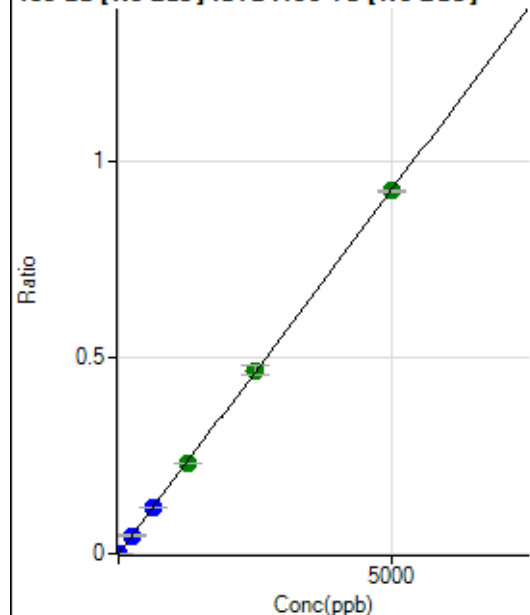
$$DL = 0.006396$$

$$BEC = 0.005629$$

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	20.00	0.0000	P	50.0
2	☐	10.000	10.011	15836.71	0.0019	P	1.3
3	☐	250.000	248.450	397804.77	0.0461	P	7.4
4	☐	625.000	627.899	981611.39	0.1166	P	1.4
5	☐	1250.000	1242.971	1954008.44	0.2308	A	1.4
6	☐	2500.000	2523.758	3935672.02	0.4687	A	4.8
7	☐	5000.000	4989.594	7877811.27	0.9265	A	0.8
8	☐			5446.66	0.0007	P	14.2

$$y = 1.8569\text{E-}004 * x + 2.3007\text{E-}006$$

$$R = 1.0000$$

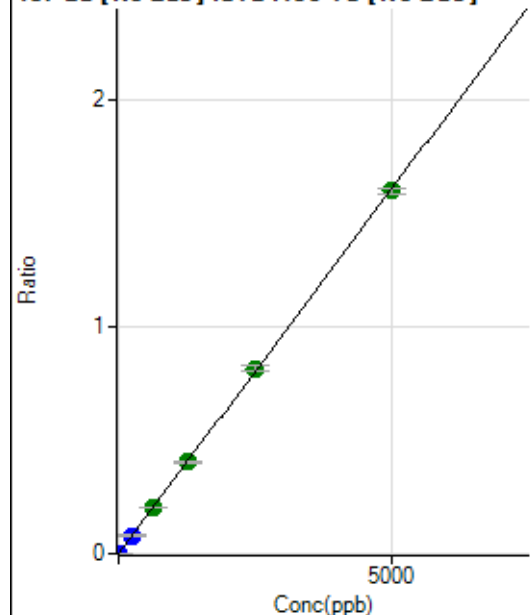
$$DL = 0.01857$$

$$BEC = 0.01239$$

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	17.78	0.0000	P	38.5
2	☐	10.000	10.073	27548.92	0.0032	P	3.4
3	☐	250.000	250.437	693876.12	0.0805	P	7.2
4	☐	625.000	634.161	1715585.60	0.2038	A	1.3
5	☐	1250.000	1258.249	3422965.75	0.4043	A	1.9
6	☐	2500.000	2542.847	6862593.79	0.8171	A	3.9
7	☐	5000.000	4975.347	13592834.66	1.5987	A	1.3
8	☐			9604.50	0.0013	P	14.0

$$y = 3.2132\text{E-}004 * x + 2.0456\text{E-}006$$

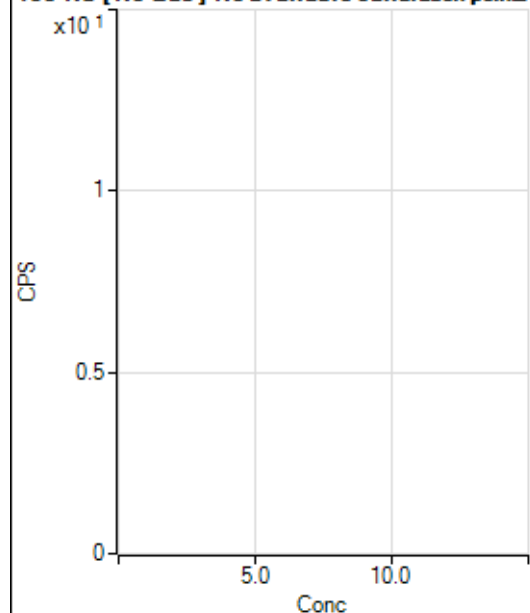
$$R = 0.9999$$

$$DL = 0.00735$$

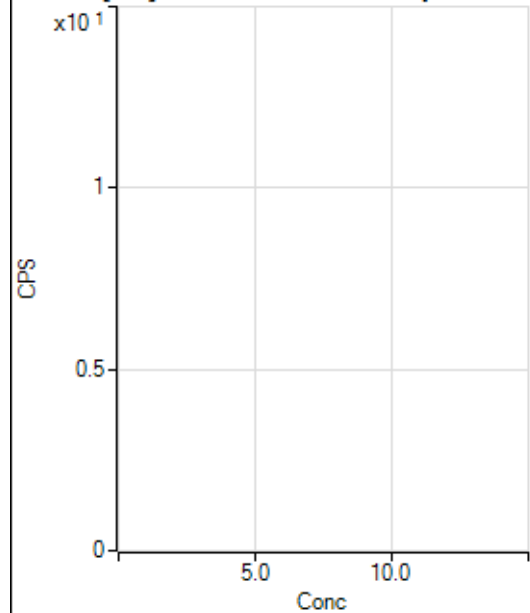
$$BEC = 0.006366$$

Weight: <None>

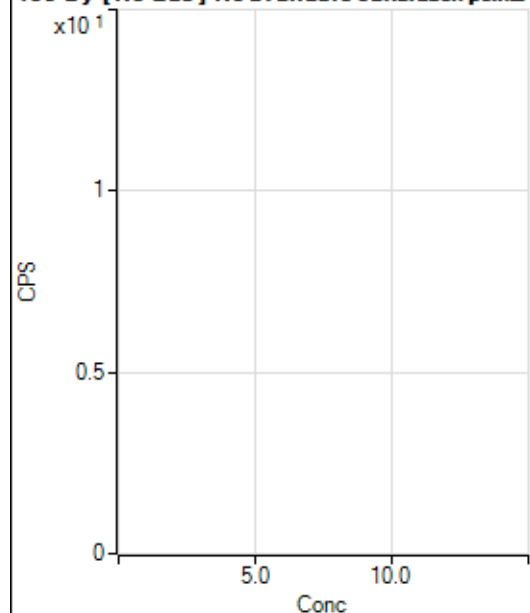
Min Conc: 0

150 Nd [No Gas] No available calibration points

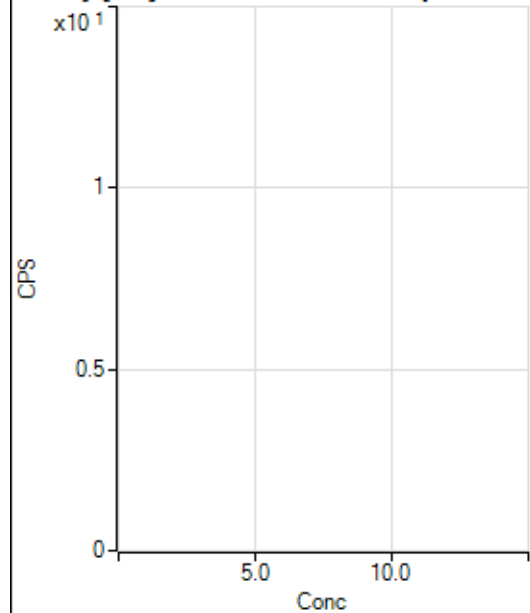
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			8.89		P	43.3
3	☐			82.22		P	6.2
4	☐			163.34		P	18.1
5	☐			375.57		P	4.0
6	☐			705.58		P	5.3
7	☐			1336.74		P	7.0
8	☐			42.22		P	19.9

150 Nd [He] No available calibration points

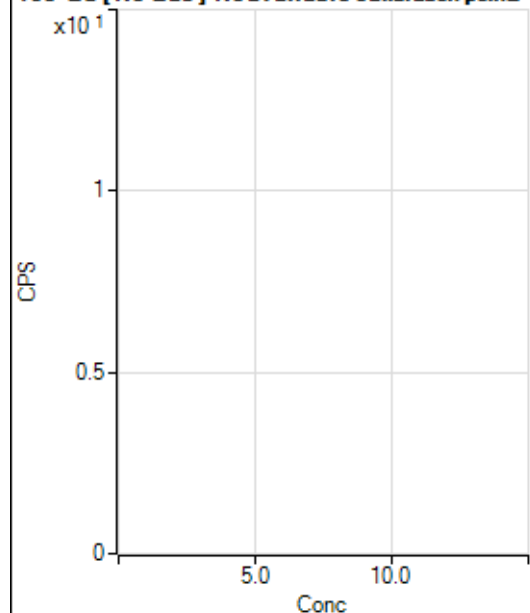
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			6.67		P	50.0
3	☐			12.22		P	31.5
4	☐			32.22		P	31.6
5	☐			56.67		P	15.6
6	☐			125.56		P	10.7
7	☐			213.34		P	2.7
8	☐			26.67		P	33.1

156 Dy [No Gas] No available calibration points

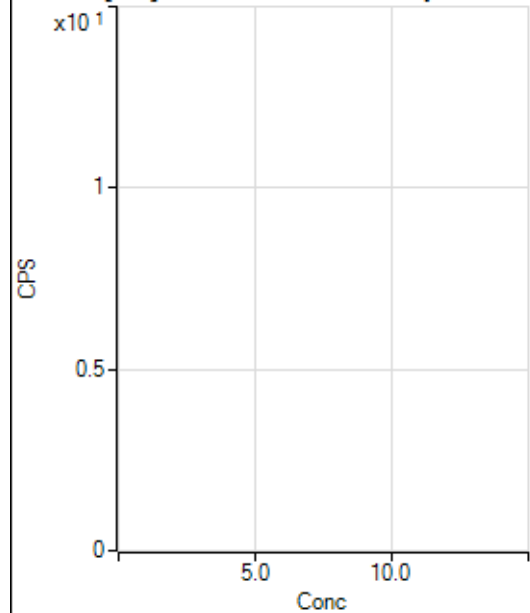
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			36.67		P	32.8
4	☐			68.89		P	22.9
5	☐			122.22		P	18.6
6	☐			267.78		P	16.9
7	☐			522.24		P	5.9
8	☐			1205.62		P	5.4

156 Dy [He] No available calibration points

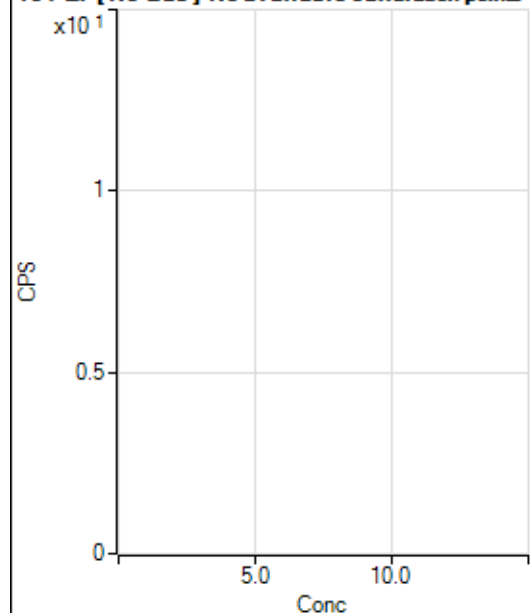
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐			4.44		P	43.4
3	☐			27.78		P	13.9
4	☐			74.45		P	5.2
5	☐			87.78		P	19.1
6	☐			256.67		P	10.3
7	☐			398.90		P	1.3
8	☐			817.81		P	5.6

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

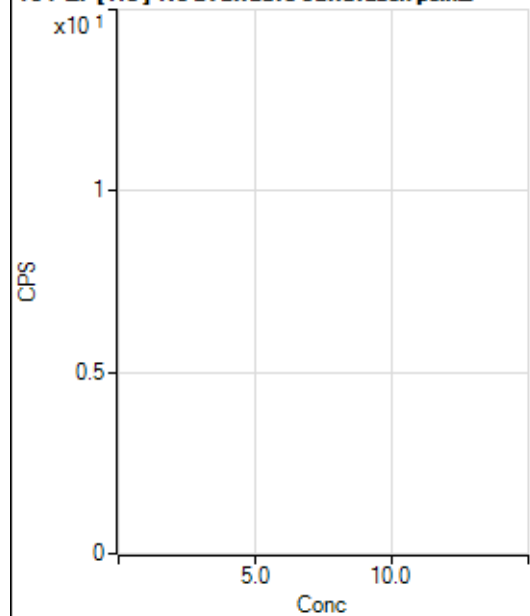
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	18.2
2	☐			67.78		P	24.3
3	☐			51.11		P	10.0
4	☐			98.89		P	30.4
5	☐			145.56		P	8.0
6	☐			222.22		P	10.5
7	☐			366.67		P	6.9
8	☐			1484.54		P	6.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			231.11		P	10.9
2	☐			220.01		P	5.2
3	☐			261.12		P	9.7
4	☐			246.67		P	7.5
5	☐			306.67		P	3.3
6	☐			356.67		P	6.5
7	☐			452.23		P	5.4
8	☐			1134.50		P	2.6

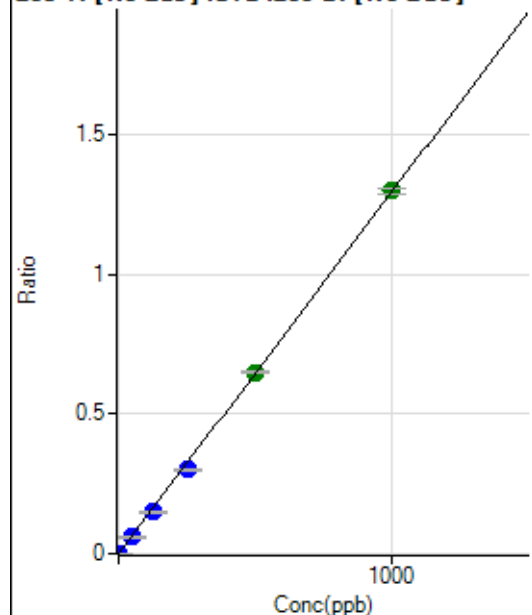
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	19.8
2	☐			72.22		P	35.2
3	☐			81.11		P	17.1
4	☐			64.44		P	28.5
5	☐			70.00		P	4.8
6	☐			82.22		P	23.8
7	☐			95.56		P	14.5
8	☐			111.11		P	12.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	39.8
2	☐			54.45		P	12.7
3	☐			31.11		P	27.0
4	☐			41.11		P	24.8
5	☐			42.22		P	16.4
6	☐			50.00		P	6.7
7	☐			70.00		P	37.2
8	☐			85.55		P	27.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	30.2
2	☐	1.000	0.917	6480.49	0.0012	P	2.3
3	☐	50.000	45.487	326299.69	0.0589	P	7.5
4	☐	125.000	114.817	813017.22	0.1486	P	1.2
5	☐	250.000	233.080	1620108.17	0.3016	P	1.6
6	☐	500.000	501.984	3392823.21	0.6495	A	1.5
7	☐	1000.000	1004.736	6577999.49	1.3000	A	1.5
8	☐			1599.01	0.0004	P	41.6

$$y = 0.0013 * x + 4.6322E-006$$

$$R = 0.9998$$

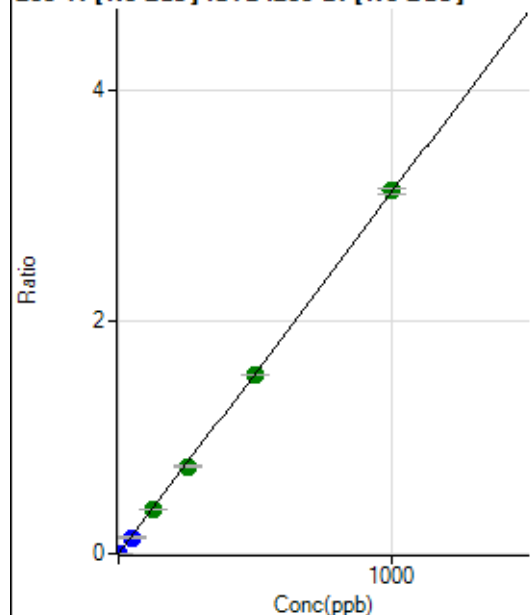
$$DL = 0.003247$$

$$BEC = 0.00358$$

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	105.56	0.0000	P	24.1
2	☐	1.000	0.895	15266.43	0.0028	P	2.4
3	☐	50.000	44.896	775085.83	0.1398	P	7.1
4	☐	125.000	120.114	2046762.84	0.3740	A	0.4
5	☐	250.000	242.217	4050936.71	0.7541	A	0.9
6	☐	500.000	495.647	8061318.49	1.5432	A	0.4
7	☐	1000.000	1004.988	15831181.01	3.1289	A	1.7
8	☐			3941.79	0.0010	P	37.9

$$y = 0.0031 * x + 1.9110E-005$$

$$R = 0.9999$$

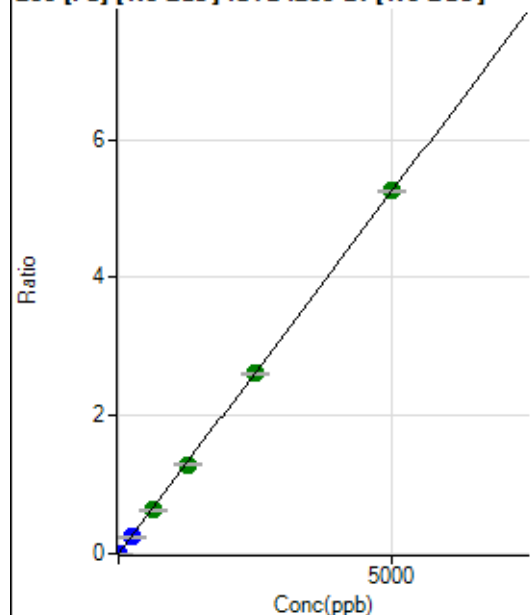
$$DL = 0.004436$$

$$BEC = 0.006138$$

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	191.12	0.0000	P	20.6
2	☐	1.000	0.931	5503.39	0.0010	P	0.9
3	☐	250.000	228.929	1330976.38	0.2401	P	7.7
4	☐	625.000	601.472	3452700.95	0.6308	A	1.3
5	☐	1250.000	1229.339	6925963.72	1.2893	A	1.3
6	☐	2500.000	2492.259	13653105.91	2.6137	A	1.1
7	☐	5000.000	5013.030	26601012.94	5.2573	A	0.5
8	☐			8450.62	0.0021	P	25.5

$$y = 0.0010 * x + 3.4653E-005$$

$$R = 1.0000$$

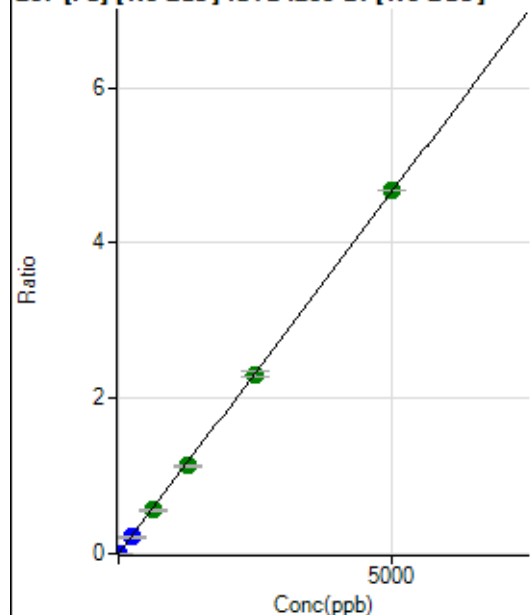
$$DL = 0.02038$$

$$BEC = 0.03304$$

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	198.89	0.0000	P	27.8
2	☐	1.000	0.939	4953.18	0.0009	P	5.7
3	☐	250.000	227.075	1171995.27	0.2114	P	7.0
4	☐	625.000	599.431	3053285.27	0.5579	A	1.0
5	☐	1250.000	1220.695	6102862.55	1.1362	A	1.9
6	☐	2500.000	2485.013	12081070.51	2.3129	A	2.5
7	☐	5000.000	5019.162	23637314.37	4.6715	A	0.1
8	☐			7564.54	0.0019	P	26.4

$$y = 9.3072E-004 * x + 3.6079E-005$$

$$R = 1.0000$$

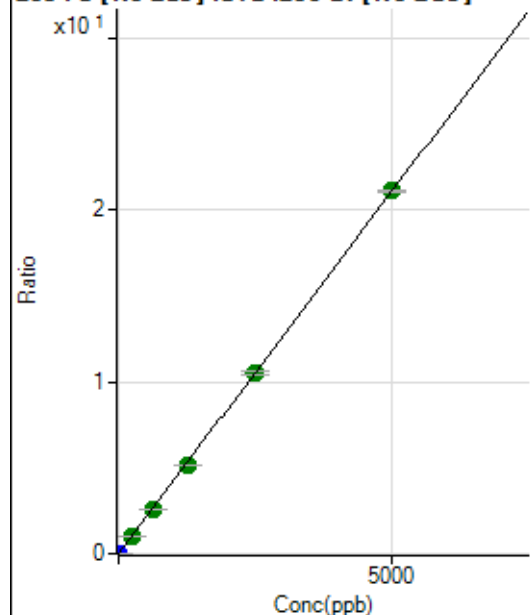
$$DL = 0.03234$$

$$BEC = 0.03876$$

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	784.46	0.0001	P	14.8
2	☐	1.000	0.937	22258.45	0.0041	P	2.0
3	☐	250.000	234.625	5483393.24	0.9887	A	6.1
4	☐	625.000	602.418	13890735.00	2.5382	A	0.3
5	☐	1250.000	1222.941	27678616.05	5.1526	A	1.3
6	☐	2500.000	2491.360	54828374.88	10.4967	A	2.3
7	☐	5000.000	5014.676	106903022.0	21.1278	A	0.6
8	☐			33886.58	0.0083	P	26.3

$$y = 0.0042 * x + 1.4222E-004$$

$$R = 1.0000$$

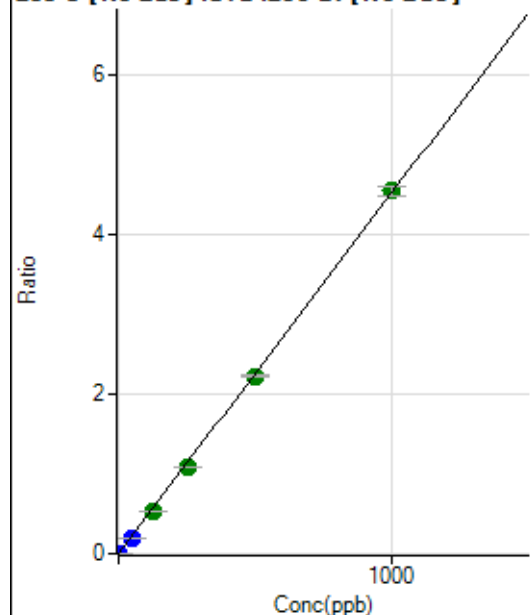
$$DL = 0.01501$$

$$BEC = 0.03376$$

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	3.33	0.0000	P	100.
2	☐	1.000	0.876	21520.77	0.0040	P	0.9
3	☐	50.000	42.364	1059982.49	0.1912	P	7.9
4	☐	125.000	117.635	2906246.55	0.5310	A	0.1
5	☐	250.000	241.224	5849371.16	1.0889	A	1.2
6	☐	500.000	493.511	11637867.19	2.2278	A	0.9
7	☐	1000.000	1006.741	22993795.21	4.5447	A	2.5
8	☐			4922.18	0.0012	P	40.3

$$y = 0.0045 * x + 6.0658E-007$$

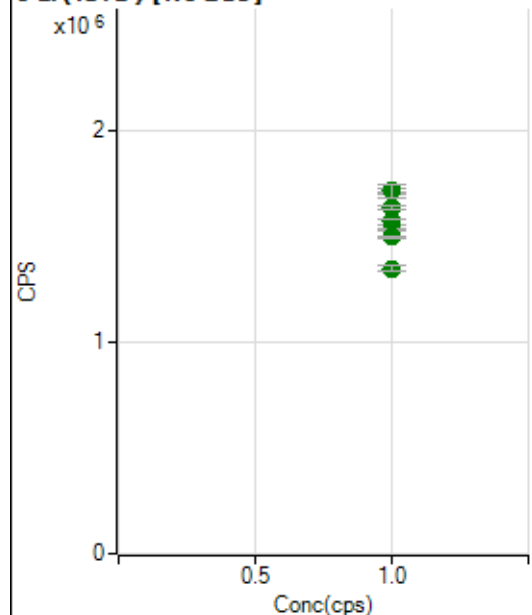
$$R = 0.9999$$

$$DL = 0.0004045$$

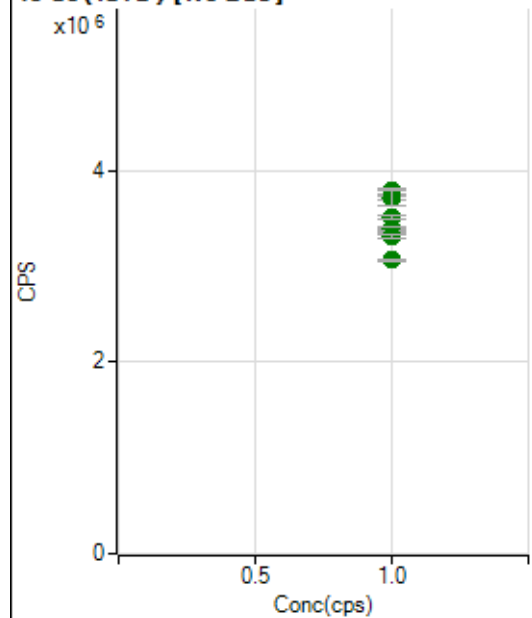
$$BEC = 0.0001344$$

Weight: <None>

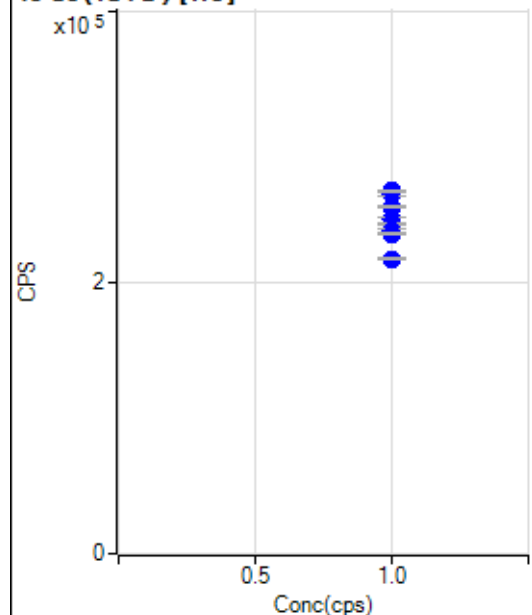
Min Conc: 0

6 Li (ISTD) [No Gas]

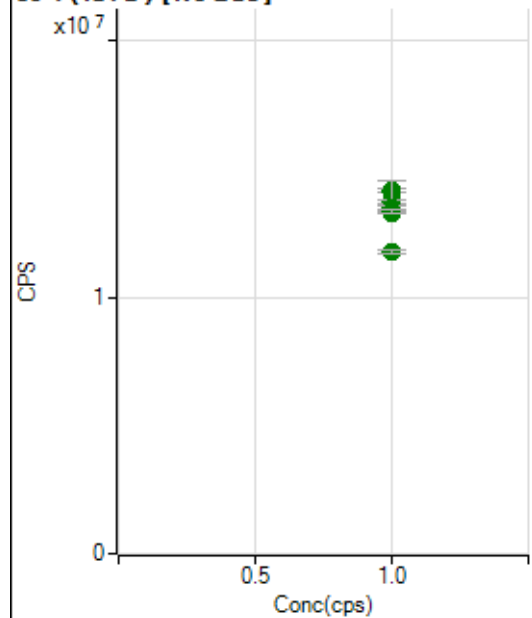
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1713211.42		A	1.2
2	☐	1.000		1712939.99		A	1.2
3	☐	1.000		1713314.98		A	3.9
4	☐	1.000		1637427.75		A	1.3
5	☐	1.000		1566933.17		A	1.8
6	☐	1.000		1534291.23		A	0.6
7	☐	1.000		1494243.69		A	0.6
8	☐	1.000		1347895.19		A	1.4

45 Sc (ISTD) [No Gas]

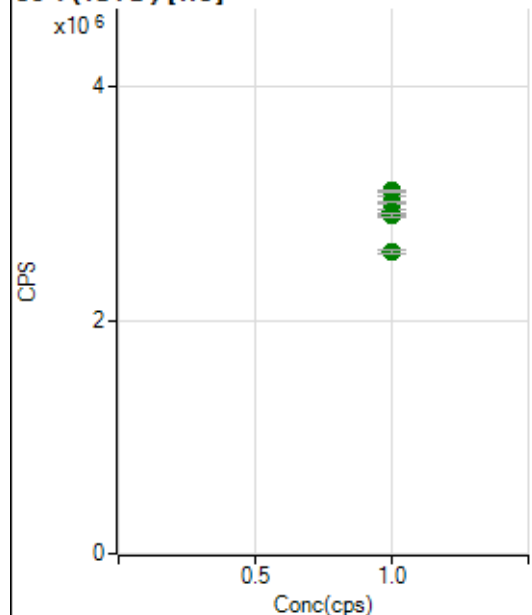
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3785513.04		A	1.8
2	☐	1.000		3715326.23		A	1.2
3	☐	1.000		3707721.27		A	4.5
4	☐	1.000		3511721.51		A	1.2
5	☐	1.000		3371301.20		A	1.2
6	☐	1.000		3389603.53		A	1.3
7	☐	1.000		3316744.74		A	1.2
8	☐	1.000		3061031.27		A	0.9

45 Sc (ISTD) [He]

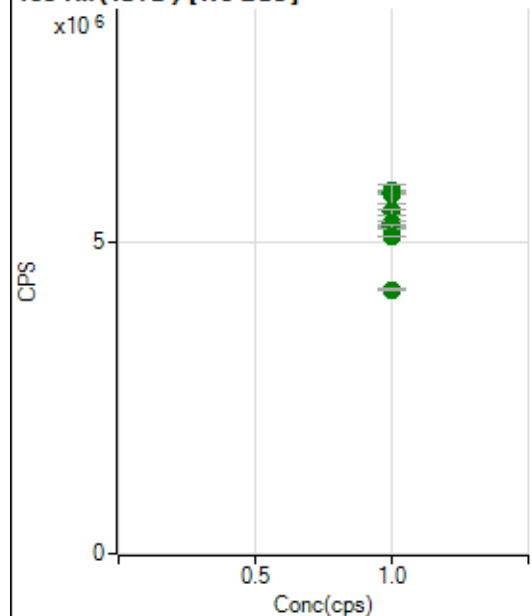
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		266250.71		P	1.4
2	☐	1.000		267912.12		P	0.2
3	☐	1.000		255990.61		P	0.8
4	☐	1.000		247067.33		P	1.7
5	☐	1.000		243740.36		P	0.4
6	☐	1.000		238380.76		P	0.8
7	☐	1.000		236153.54		P	0.9
8	☐	1.000		217692.85		P	0.7

89 Y (ISTD) [No Gas]

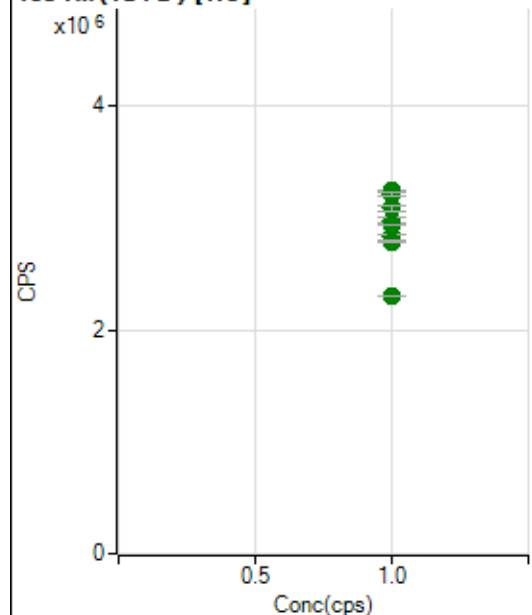
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14157314.23		A	1.0
2	☐	1.000		13747079.79		A	0.8
3	☐	1.000		14113575.90		A	6.3
4	☐	1.000		13491882.72		A	1.3
5	☐	1.000		13326308.83		A	0.9
6	☐	1.000		13303991.47		A	0.1
7	☐	1.000		13381920.35		A	1.0
8	☐	1.000		11767386.49		A	1.0

89 Y(ISTD) [He]

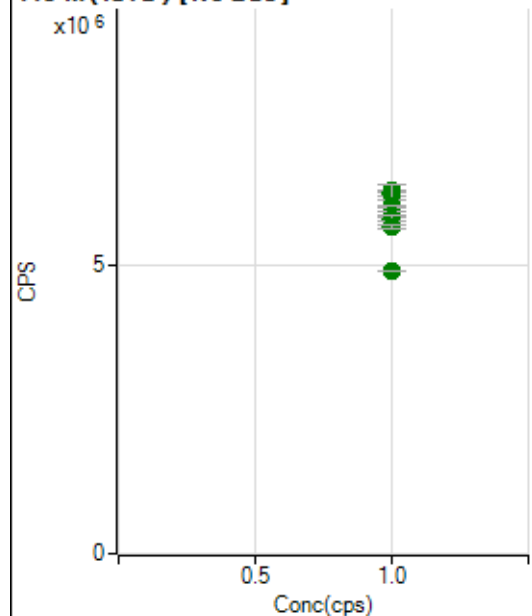
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3091331.90		A	1.3
2	☐	1.000		3109383.64		A	0.8
3	☐	1.000		3008414.54		A	0.2
4	☐	1.000		2922356.24		A	1.5
5	☐	1.000		2933164.47		A	0.8
6	☐	1.000		2904565.37		A	1.0
7	☐	1.000		2903663.32		A	1.0
8	☐	1.000		2588877.11		A	1.2

103 Rh(ISTD) [No Gas]

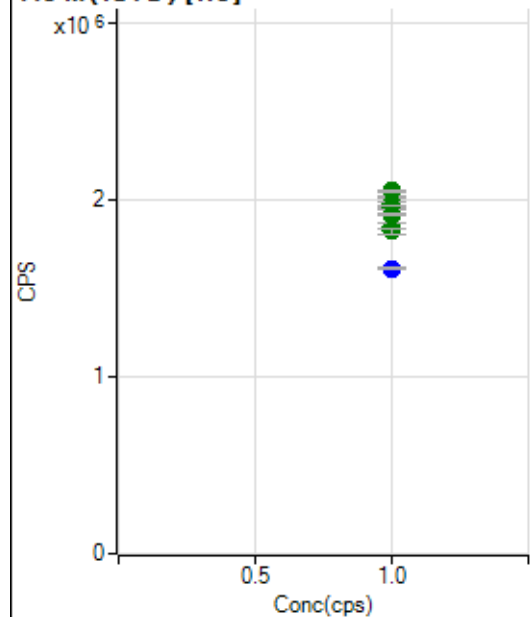
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5836022.48		A	0.5
2	☐	1.000		5823296.44		A	1.0
3	☐	1.000		5773632.62		A	5.4
4	☐	1.000		5496327.90		A	1.4
5	☐	1.000		5307549.61		A	2.1
6	☐	1.000		5268196.14		A	1.3
7	☐	1.000		5097418.95		A	0.3
8	☐	1.000		4248942.75		A	0.2

103 Rh (ISTD) [He]

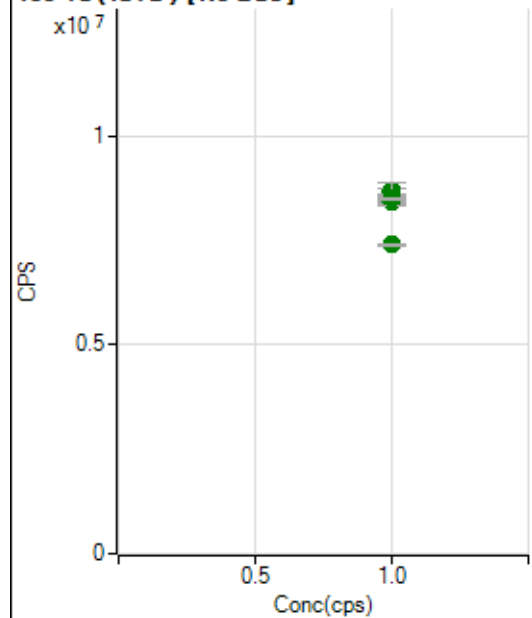
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3243316.07		A	0.6
2	☐	1.000		3215261.58		A	0.9
3	☐	1.000		3086463.74		A	2.1
4	☐	1.000		2979901.28		A	1.6
5	☐	1.000		2940851.94		A	0.4
6	☐	1.000		2828458.64		A	1.5
7	☐	1.000		2789274.85		A	0.4
8	☐	1.000		2298543.12		A	0.1

115 In (ISTD) [No Gas]

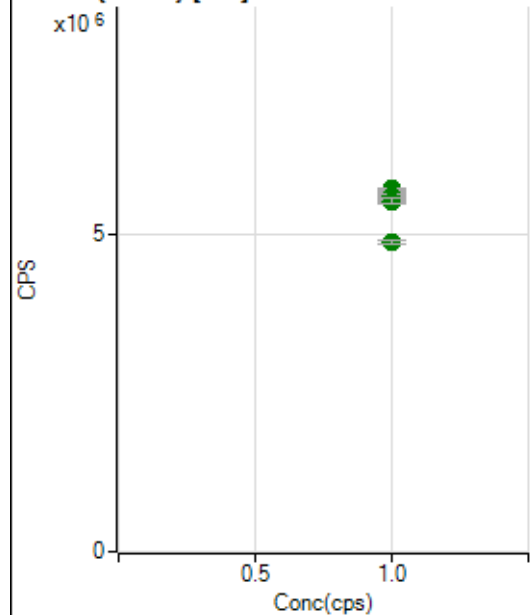
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6305849.28		A	0.3
2	☐	1.000		6265329.49		A	1.6
3	☐	1.000		6271189.77		A	4.4
4	☐	1.000		6035276.01		A	0.5
5	☐	1.000		5893682.14		A	1.6
6	☐	1.000		5826893.41		A	1.6
7	☐	1.000		5672890.59		A	0.9
8	☐	1.000		4906902.56		A	0.1

115 In (ISTD) [He]

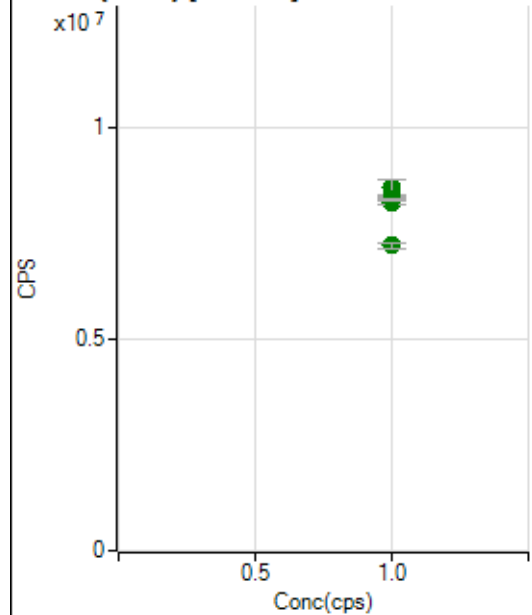
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2018143.17		A	0.4
2	☐	1.000		2048813.27		A	0.5
3	☐	1.000		1971569.07		A	1.7
4	☐	1.000		1954106.46		A	1.6
5	☐	1.000		1915679.32		A	0.9
6	☐	1.000		1851101.86		A	1.5
7	☐	1.000		1822073.70		A	1.6
8	☐	1.000		1609799.69		P	0.8

159 Tb (ISTD) [No Gas]

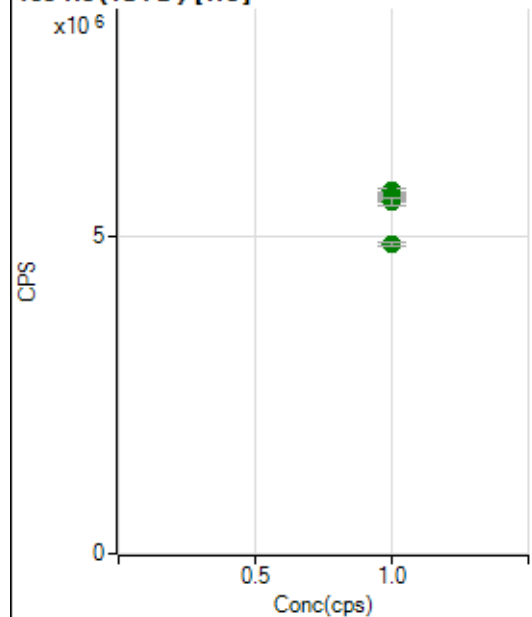
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8679517.86		A	1.4
2	☐	1.000		8508271.54		A	1.5
3	☐	1.000		8644129.45		A	5.2
4	☐	1.000		8419099.60		A	0.8
5	☐	1.000		8466549.11		A	1.7
6	☐	1.000		8403809.04		A	2.2
7	☐	1.000		8502194.11		A	0.4
8	☐	1.000		7391202.95		A	0.7

159 Tb (ISTD) [He]

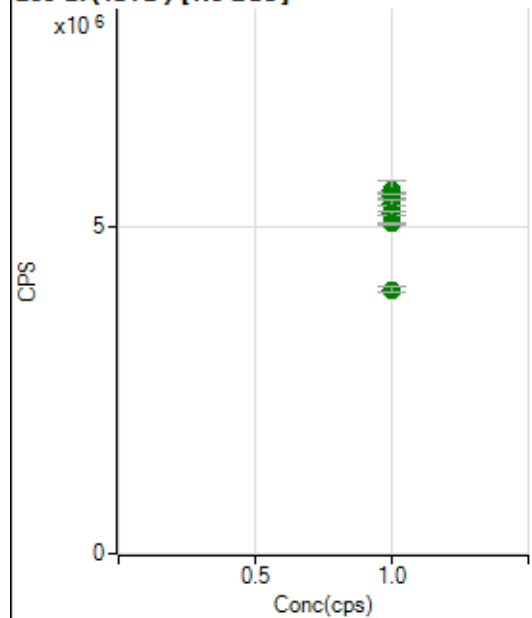
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5584254.64		A	0.3
2	☐	1.000		5707919.99		A	0.6
3	☐	1.000		5601504.57		A	2.1
4	☐	1.000		5508614.71		A	1.6
5	☐	1.000		5603188.25		A	1.2
6	☐	1.000		5496866.65		A	0.7
7	☐	1.000		5516019.09		A	1.8
8	☐	1.000		4871329.51		A	0.8

165 Ho (ISTD) [No Gas]

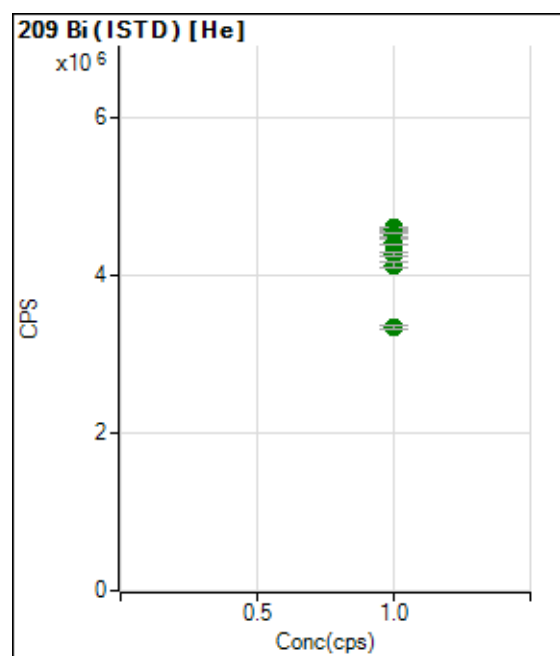
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8402836.82		A	0.3
2	☐	1.000		8338626.27		A	0.6
3	☐	1.000		8568367.16		A	4.8
4	☐	1.000		8329431.54		A	0.5
5	☐	1.000		8238888.70		A	1.4
6	☐	1.000		8300652.86		A	0.6
7	☐	1.000		8292919.60		A	0.4
8	☐	1.000		7202585.86		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5639451.65		A	1.7
2	☐	1.000		5704183.11		A	1.3
3	☐	1.000		5616582.42		A	0.8
4	☐	1.000		5578755.02		A	2.0
5	☐	1.000		5602641.03		A	1.2
6	☐	1.000		5577967.14		A	0.2
7	☐	1.000		5534802.10		A	2.0
8	☐	1.000		4863657.50		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5518877.56		A	0.7
2	☐	1.000		5441193.18		A	0.6
3	☐	1.000		5558316.17		A	5.4
4	☐	1.000		5472778.94		A	1.5
5	☐	1.000		5372180.62		A	1.6
6	☐	1.000		5224061.73		A	1.0
7	☐	1.000		5059931.35		A	0.5
8	☐	1.000		4050410.56		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4600104.00		A	0.4
2	☐	1.000		4575934.34		A	0.9
3	☐	1.000		4509599.59		A	1.0
4	☐	1.000		4424957.15		A	1.4
5	☐	1.000		4382965.53		A	0.2
6	☐	1.000		4264101.26		A	1.0
7	☐	1.000		4128094.80		A	2.0
8	☐	1.000		3336905.85		A	1.2