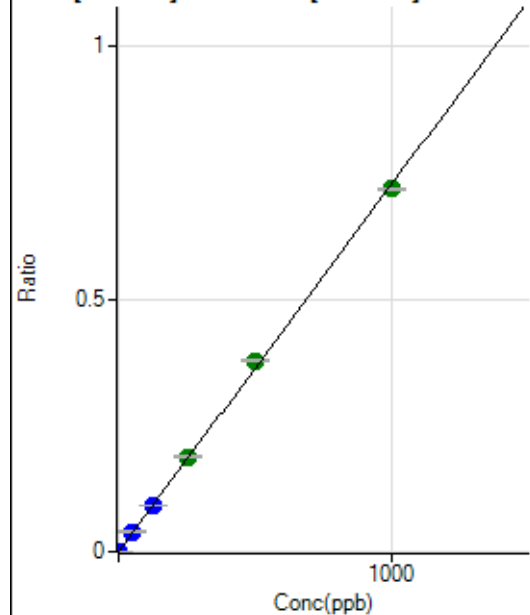


Calibration for 007CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022025 MS-3.b\
 Analysis File: P8022025 MS-3.batch.bin
 DA Date-Time: 2025-02-20 18:45:52
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-20 16:09:46
2	005CALS.d	S02	2025-02-20 16:13:07
3	007CALB.d	S03	2025-02-20 16:19:51
4	008CALS.d	S04	2025-02-20 16:22:58
5	009CALS.d	S05	2025-02-20 16:25:55
6	010CALS.d	S06	2025-02-20 16:28:48
7	011CALS.d	S07	2025-02-20 16:31:33
8	012CALS.d	S08	2025-02-20 16:34:21

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	690.35	0.0001	P	3.0
2	☐	1.000	1.033	7001.21	0.0008	P	1.2
3	☐	50.000	54.563	333685.43	0.0398	P	2.7
4	☐	125.000	125.162	758747.97	0.0911	P	1.5
5	☐	250.000	257.789	1557119.62	0.1875	A	1.2
6	☐	500.000	519.464	3053290.84	0.3778	A	1.0
7	☐	1000.000	988.073	5853795.53	0.7186	A	0.6
8	☐			2079.48	0.0003	P	10.3

$$y = 7.2719\text{E-}004 * x + 8.3071\text{E-}005$$

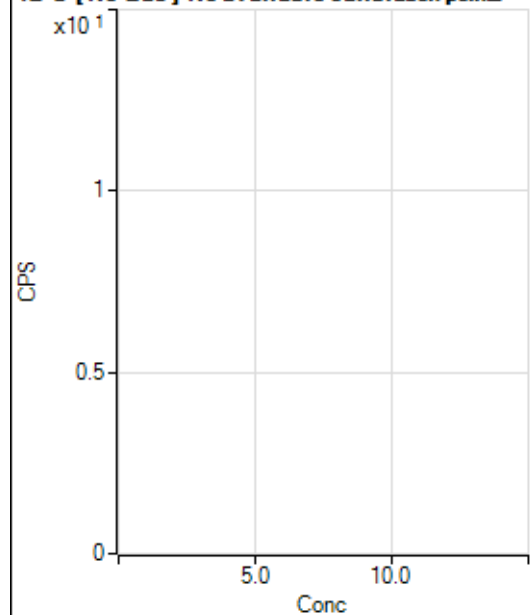
$$R = 0.9997$$

$$DL = 0.01019$$

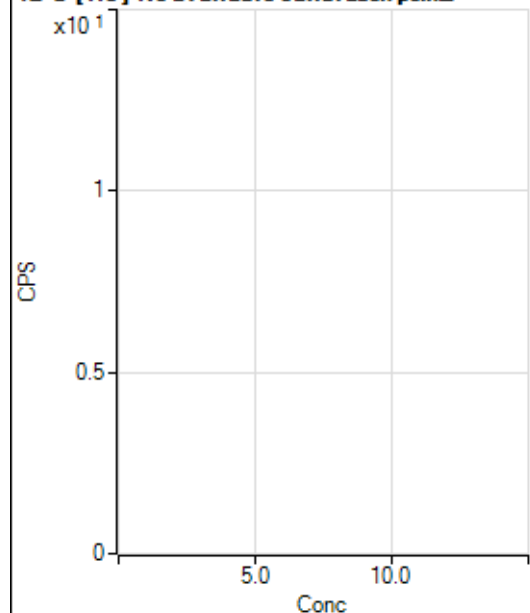
$$BEC = 0.1142$$

Weight: <None>

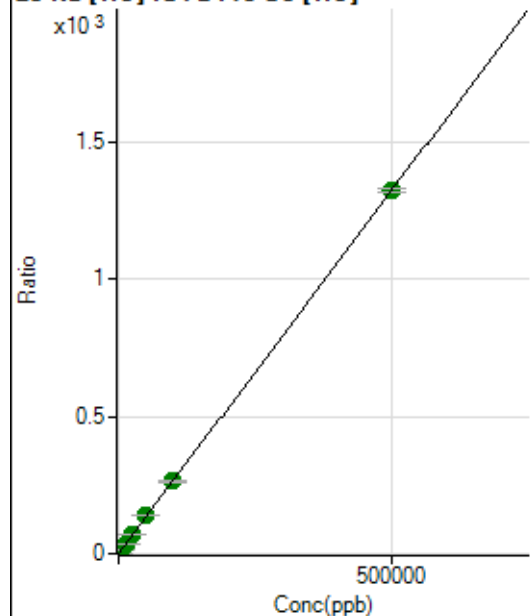
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			10242320.82		A	0.2
2	☐			10515490.19		A	1.1
3	☐			8569989.11		A	0.5
4	☐			8700330.98		A	0.9
5	☐			8935721.67		A	0.6
6	☐			9330161.46		A	0.8
7	☐			9926461.31		A	1.1
8	☐			8926694.24		A	0.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			61888.47		P	0.3
2	☐			66115.41		P	0.7
3	☐			51674.93		P	0.8
4	☐			53519.12		P	0.7
5	☐			55752.91		P	1.1
6	☐			58854.81		P	0.9
7	☐			64056.40		P	0.7
8	☐			63854.47		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	53820.84	0.3341	P	0.6
2	☐	500.000	545.538	290153.91	1.7752	P	0.4
3	☐	5000.000	5765.553	2560342.17	15.5649	A	0.4
4	☐	12500.000	13056.057	5715688.46	34.8242	A	1.0
5	☐	25000.000	26373.548	11554163.72	70.0050	A	0.3
6	☐	50000.000	52718.980	23132958.27	139.6017	A	0.3
7	☐	100000.00	99413.491	43399278.24	262.9546	A	0.5
8	☐	500000.00	499755.12	199718301.4	1,320.536	A	1.1

$$y = 0.0026 * x + 0.3341$$

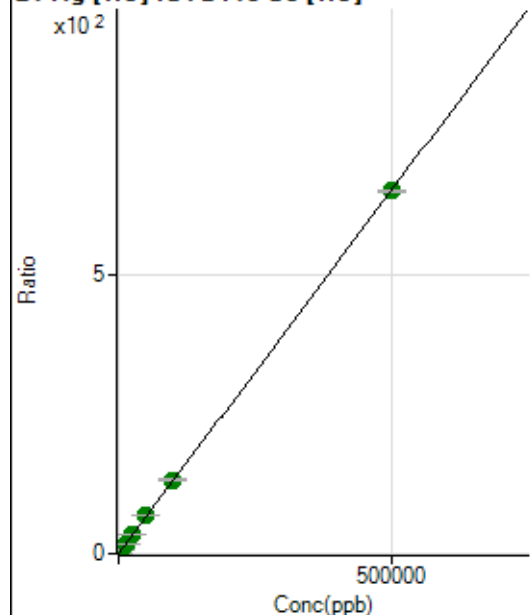
$$R = 1.0000$$

$$DL = 2.265$$

$$BEC = 126.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1273.40	0.0079	P	6.4
2	☐	500.000	552.748	119401.38	0.7305	P	0.1
3	☐	5000.000	6022.840	1296562.70	7.8817	A	1.2
4	☐	12500.000	13655.321	2931302.70	17.8598	A	1.0
5	☐	25000.000	26916.925	5808815.33	35.1969	A	1.2
6	☐	50000.000	53669.009	11628017.47	70.1704	A	0.8
7	☐	100000.00	101692.06	21942646.34	132.9518	A	0.7
8	☐	500000.00	499159.67	98696467.42	652.5683	A	0.4

$$y = 0.0013 * x + 0.0079$$

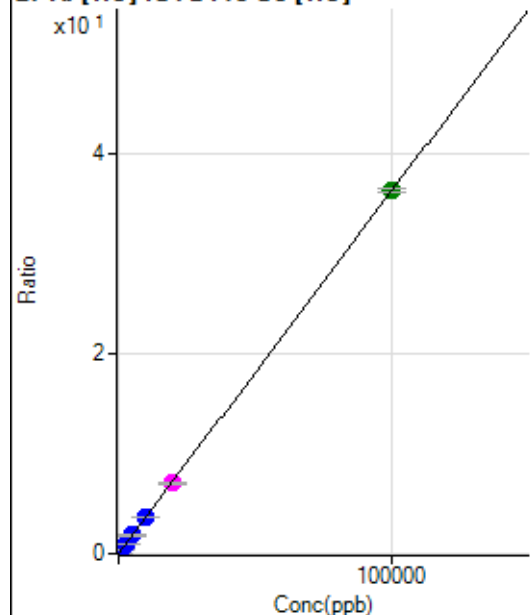
$$R = 1.0000$$

$$DL = 1.161$$

$$BEC = 6.046$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	74.44	0.0005	P	11.6
2	☐	20.000	20.196	1273.40	0.0078	P	7.3
3	☐	1000.000	1094.697	65411.74	0.3977	P	1.0
4	☐	2500.000	2535.290	151055.52	0.9204	P	1.5
5	☐	5000.000	5046.884	302312.50	1.8317	P	0.7
6	☐	10000.000	9966.836	599342.22	3.6169	P	0.2
7	☐	20000.000	19595.837	1173558.17	7.1107	M	2.8
8	☐	100000.00	100079.97	5492198.53	36.3138	A	1.2

$$y = 3.6284E-004 * x + 4.6216E-004$$

$$R = 1.0000$$

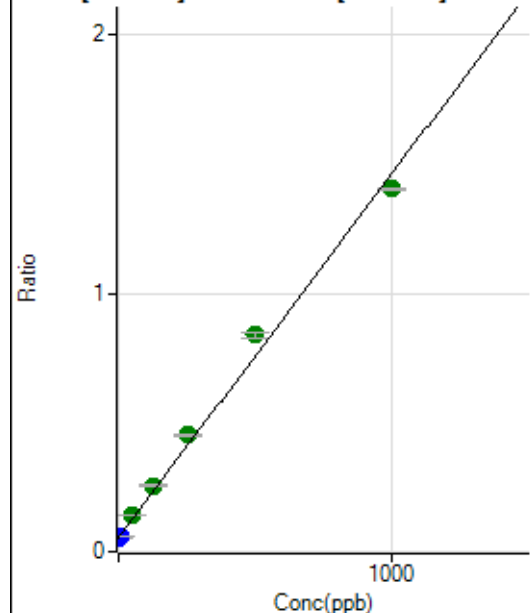
$$DL = 0.4417$$

$$BEC = 1.274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	546337.27	0.0538	P	1.9
2	☐	10.000	5.497	625378.98	0.0615	P	0.0
3	☐	50.000	62.906	1439473.61	0.1423	A	3.0
4	☐	125.000	143.352	2597734.51	0.2555	A	2.1
5	☐	250.000	282.910	4589395.87	0.4518	A	1.4
6	☐	500.000	558.807	8550816.96	0.8399	A	2.7
7	☐	1000.000	959.475	14233603.54	1.4036	A	0.3
8	☐			699723.62	0.0766	P	2.5

$$y = 0.0014 * x + 0.0538$$

R = 0.9965

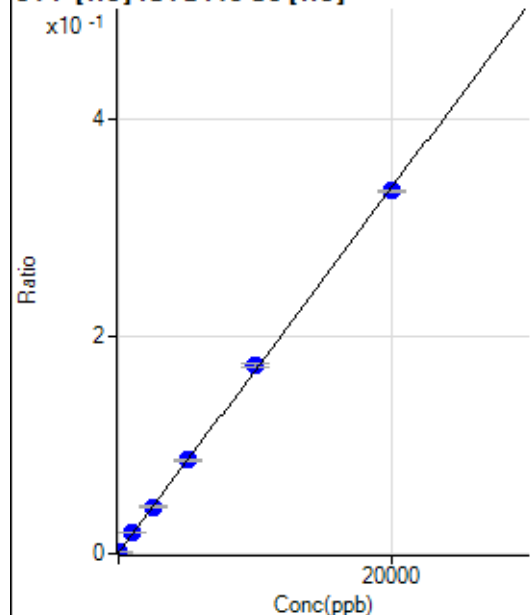
DL = 2.199

BEC = 38.25

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-11.749	92.22	0.0006	P	41.1
2	☐	0.000	11.749	157.78	0.0010	P	12.4
3	☐	1000.000	1119.274	3214.83	0.0195	P	3.1
4	☐	2500.000	2532.598	7099.58	0.0432	P	1.6
5	☐	5000.000	5099.498	14243.77	0.0863	P	1.6
6	☐	10000.000	10273.095	28679.54	0.1731	P	2.4
7	☐	20000.000	19828.540	55019.25	0.3334	P	0.6
8	☐			83.33	0.0006	P	8.3

$$y = 1.6774E-005 * x + 7.6837E-004$$

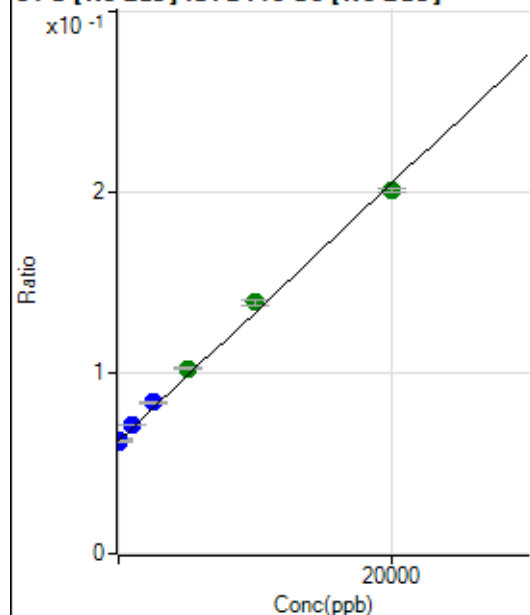
R = 0.9998

DL = 31.65

BEC = 45.81

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	54.405	637311.32	0.0628	P	2.1
2	☐	0.000	-54.405	629975.91	0.0620	P	0.8
3	☐	1000.000	1238.382	720417.42	0.0712	P	1.4
4	☐	2500.000	2961.472	848862.39	0.0835	P	2.2
5	☐	5000.000	5645.501	1042210.15	0.1026	A	1.8
6	☐	10000.000	10729.461	1413206.91	0.1388	A	2.7
7	☐	20000.000	19404.291	2034330.65	0.2006	A	0.9
8	☐			568474.37	0.0623	P	1.5

$$y = 7.1236E-006 * x + 0.0624$$

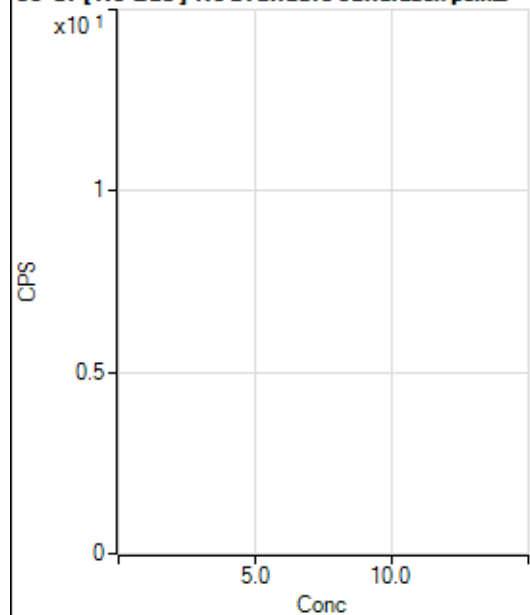
R = 0.9983

DL = 387

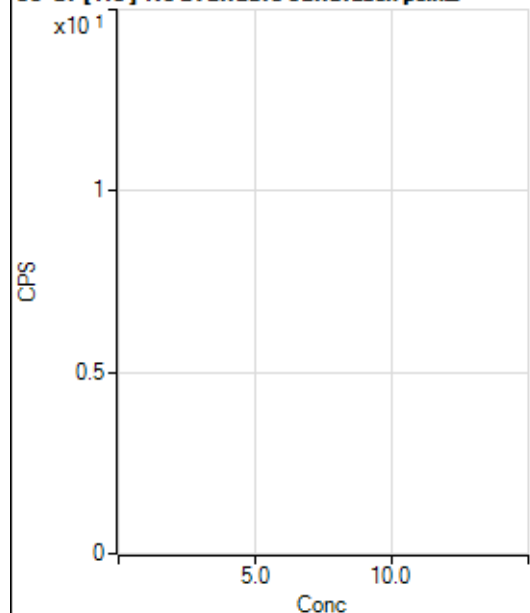
BEC = 8758

Weight: <None>

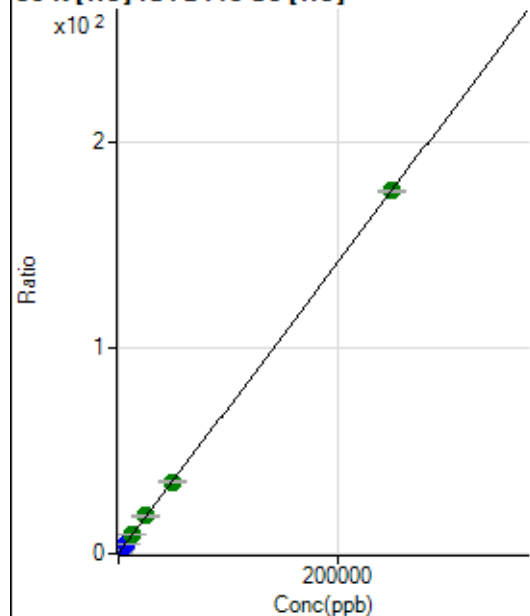
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			83057.67		P	1.1
2	☐			84961.74		P	0.9
3	☐			83932.44		P	0.4
4	☐			88104.67		P	0.9
5	☐			95450.69		P	1.9
6	☐			105268.10		P	1.5
7	☐			132246.34		P	2.8
8	☐			83241.87		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			244.45		P	13.4
2	☐			263.34		P	12.2
3	☐			255.56		P	13.9
4	☐			267.78		P	13.8
5	☐			301.12		P	11.1
6	☐			371.12		P	13.1
7	☐			431.12		P	3.5
8	☐			282.23		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	21471.61	0.1333	P	0.4
2	☐	500.000	554.880	85607.25	0.5238	P	0.3
3	☐	2500.000	2588.798	321607.10	1.9551	P	0.9
4	☐	6250.000	6141.933	731319.80	4.4556	P	0.5
5	☐	12500.000	12813.509	1510173.28	9.1507	A	1.8
6	☐	25000.000	25733.700	3023046.41	18.2432	A	0.5
7	☐	50000.000	49497.769	5771090.19	34.9669	A	1.0
8	☐	250000.00	250013.10	26630481.27	176.0780	A	0.8

$$y = 7.0374\text{E-}004 * x + 0.1333$$

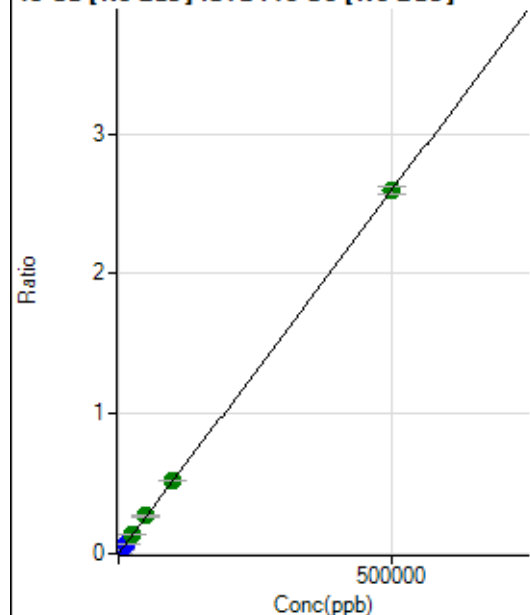
$$R = 1.0000$$

$$DL = 2.278$$

$$BEC = 189.4$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	515.57	0.0001	P	4.7
2	☐	500.000	532.946	28602.91	0.0028	P	2.4
3	☐	5000.000	5613.678	295053.50	0.0292	P	1.4
4	☐	12500.000	12816.886	676332.97	0.0665	P	2.9
5	☐	25000.000	26195.177	1380582.01	0.1359	A	0.5
6	☐	50000.000	51809.719	2735876.84	0.2687	A	2.6
7	☐	100000.00	99844.266	5251384.30	0.5179	A	0.8
8	☐	500000.00	499776.32	23663434.09	2.5919	A	2.1

$$y = 5.1861\text{E-}006 * x + 5.0740\text{E-}005$$

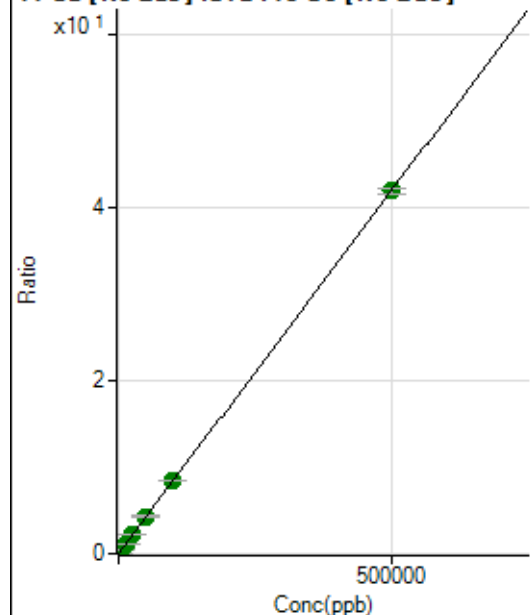
$$R = 1.0000$$

$$DL = 1.381$$

$$BEC = 9.784$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15796.58	0.0016	P	2.7
2	☐	500.000	528.247	465498.33	0.0458	P	0.3
3	☐	5000.000	5719.968	4863920.03	0.4807	A	1.0
4	☐	12500.000	13046.757	11129327.20	1.0945	A	2.4
5	☐	25000.000	25765.840	21943734.95	2.1601	A	0.5
6	☐	50000.000	51341.348	43808158.23	4.3027	A	1.7
7	☐	100000.00	100124.62	85075933.17	8.3895	A	0.5
8	☐	500000.00	499781.75	382279603.1	41.8708	A	1.7

$$y = 8.3775\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

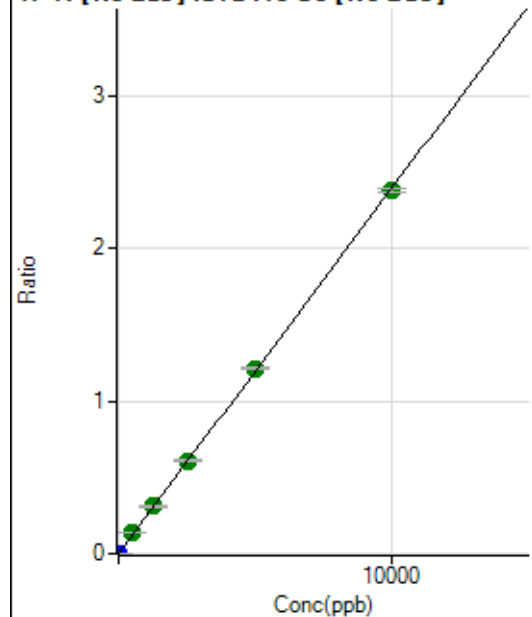
$$DL = 1.501$$

$$BEC = 18.57$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	175.56	0.0000	P	9.5
2	☐	5.000	5.119	12623.41	0.0012	P	1.4
3	☐	500.000	564.021	1365884.22	0.1350	A	0.6
4	☐	1250.000	1301.181	3166340.92	0.3114	A	2.5
5	☐	2500.000	2543.778	6183817.41	0.6088	A	1.8
6	☐	5000.000	5080.673	12379672.87	1.2159	A	1.7
7	☐	10000.000	9939.120	24120057.42	2.3786	A	1.1
8	☐			6971.64	0.0008	P	34.1

$$y = 2.3932\text{E-}004 * x + 1.7308\text{E-}005$$

$$R = 0.9999$$

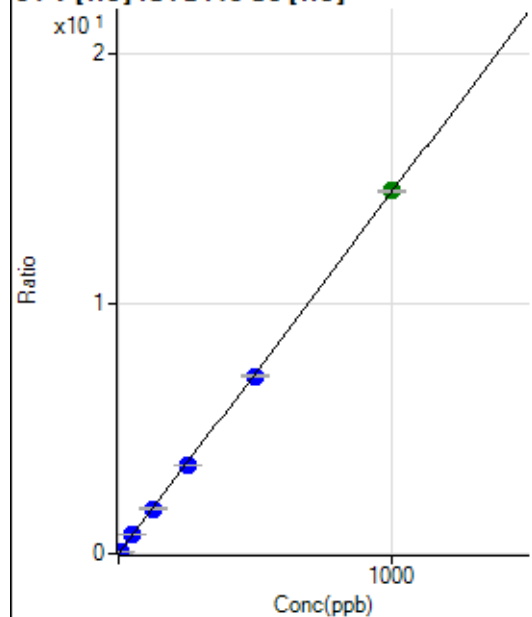
$$DL = 0.02063$$

$$BEC = 0.07232$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.00	0.0002	P	66.8
2	☐	5.000	5.104	12068.50	0.0738	P	1.1
3	☐	50.000	53.960	128104.78	0.7788	P	0.7
4	☐	125.000	124.858	295727.53	1.8018	P	0.9
5	☐	250.000	246.872	587976.07	3.5624	P	0.2
6	☐	500.000	491.397	1174957.91	7.0907	P	0.6
7	☐	1000.000	1004.903	2393149.29	14.5002	A	0.9
8	☐			578.91	0.0038	P	10.9

$$y = 0.0144 * x + 1.8561\text{E-}004$$

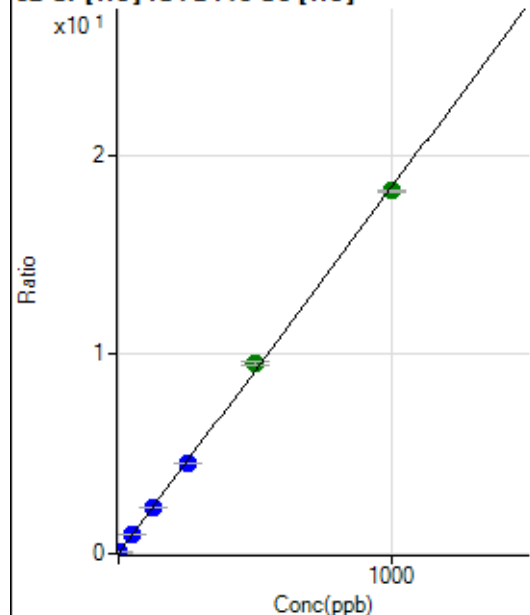
$$R = 0.9999$$

$$DL = 0.02577$$

$$BEC = 0.01286$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1812.35	0.0112	P	5.6
2	☐	2.000	2.081	8082.36	0.0495	P	4.1
3	☐	50.000	54.187	165485.97	1.0061	P	1.1
4	☐	125.000	125.156	378979.43	2.3090	P	0.6
5	☐	250.000	247.777	752650.97	4.5602	P	0.2
6	☐	500.000	519.619	1582667.11	9.5509	A	1.2
7	☐	1000.000	990.517	3003135.48	18.1961	A	0.5
8	☐			9214.16	0.0609	P	1.8

$$y = 0.0184 * x + 0.0112$$

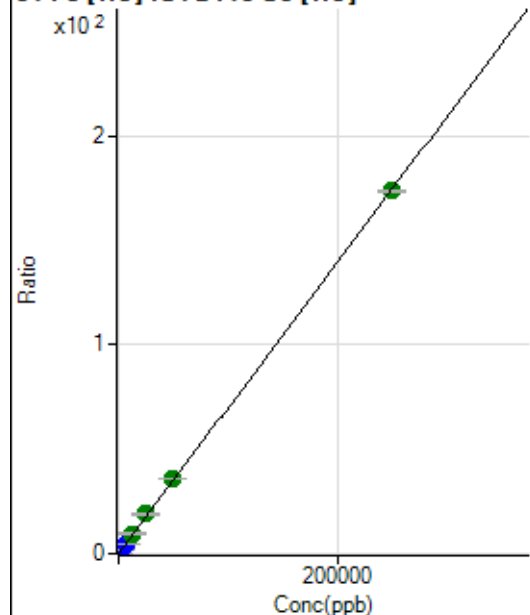
$$R = 0.9997$$

$$DL = 0.1026$$

$$BEC = 0.6127$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	687.80	0.0043	P	7.3
2	☐	50.000	56.889	7178.55	0.0439	P	4.0
3	☐	2500.000	2911.371	334502.95	2.0335	P	0.5
4	☐	6250.000	6674.860	764326.30	4.6568	P	0.9
5	☐	12500.000	13754.256	1583027.20	9.5912	A	2.0
6	☐	25000.000	27182.735	3140243.01	18.9511	A	1.0
7	☐	50000.000	51391.139	5912638.32	35.8247	A	0.6
8	☐	250000.00	249426.04	26294694.05	173.8582	A	0.4

$$y = 6.9702E-004 * x + 0.0043$$

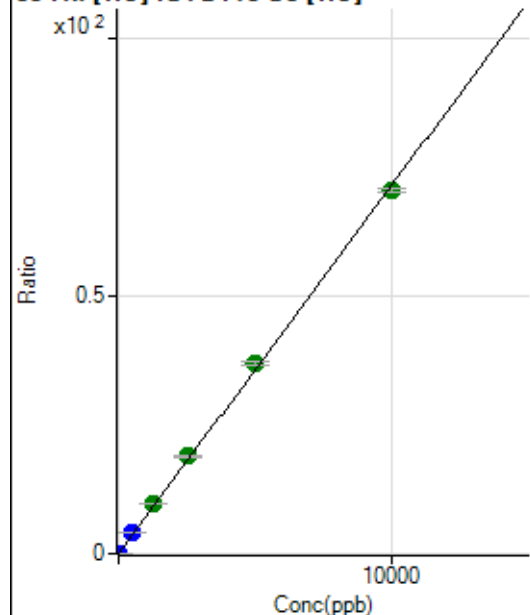
$$R = 1.0000$$

$$DL = 1.336$$

$$BEC = 6.125$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1584.55	0.0098	P	0.7
2	☐	1.000	0.958	2726.96	0.0167	P	3.0
3	☐	500.000	554.794	653896.27	3.9753	P	0.8
4	☐	1250.000	1350.869	1586332.63	9.6653	A	1.7
5	☐	2500.000	2651.410	3129439.26	18.9611	A	1.2
6	☐	5000.000	5179.940	6136632.96	37.0340	A	1.7
7	☐	10000.000	9856.829	11629540.10	70.4625	A	1.0
8	☐			5288.81	0.0350	P	1.1

$$y = 0.0071 * x + 0.0098$$

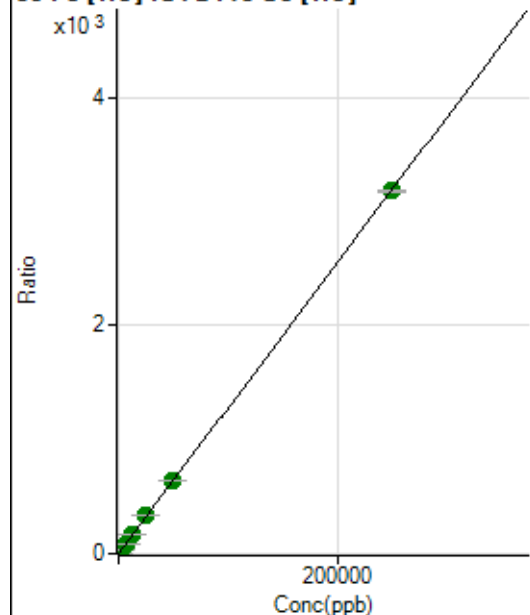
$$R = 0.9996$$

$$DL = 0.03043$$

$$BEC = 1.376$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10689.63	0.0664	P	3.2
2	☐	50.000	55.750	126872.20	0.7762	P	1.0
3	☐	2500.000	2956.369	6202821.64	37.7104	A	1.6
4	☐	6250.000	6821.075	14266347.70	86.9205	A	0.8
5	☐	12500.000	13395.819	28162270.97	170.6381	A	1.0
6	☐	25000.000	26626.727	56192304.16	339.1101	A	1.5
7	☐	50000.000	50416.289	105962796.2	642.0276	A	0.2
8	☐	250000.00	249690.43	480867423.9	3,179.427	A	0.3

$$y = 0.0127 * x + 0.0664$$

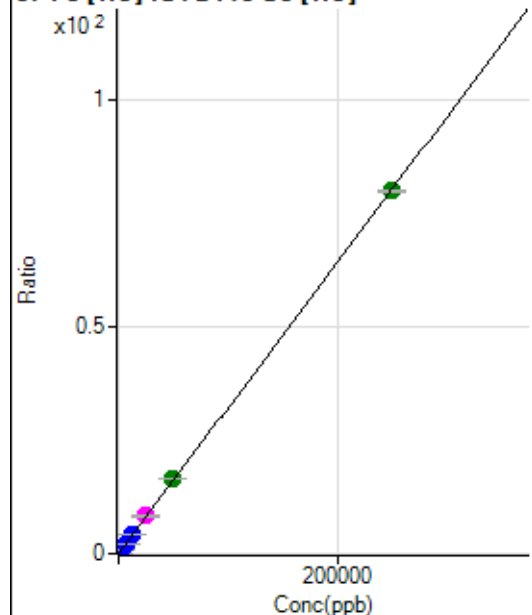
$$R = 1.0000$$

$$DL = 0.5069$$

$$BEC = 5.212$$

Weight: <None>

Min Conc: 0

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

$$y = 3.2019E-004 * x + 0.0017$$

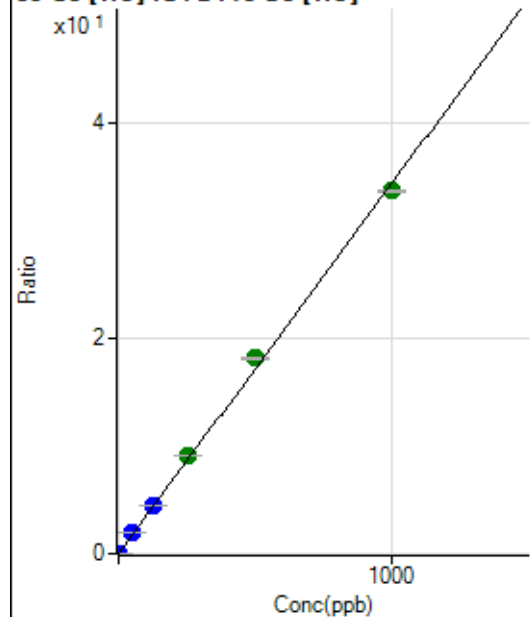
$$R = 1.0000$$

$$DL = 0.971$$

$$BEC = 5.448$$

Weight: <None>

Min Conc: 0

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

$$y = 0.0344 * x + 0.0022$$

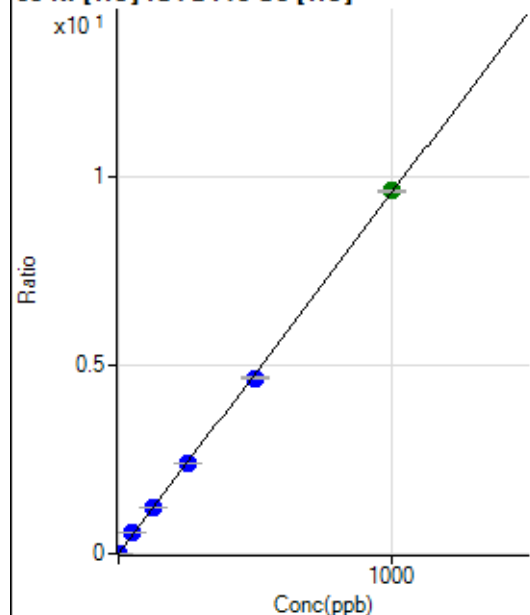
$$R = 0.9993$$

$$DL = 0.02234$$

$$BEC = 0.06312$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1034.50	0.0064	P	2.5
2	☐	1.000	0.996	2606.93	0.0159	P	5.4
3	☐	50.000	55.506	88374.28	0.5372	P	0.1
4	☐	125.000	127.899	201811.91	1.2296	P	0.6
5	☐	250.000	250.844	396974.00	2.4053	P	1.1
6	☐	500.000	485.828	770931.65	4.6525	P	1.3
7	☐	1000.000	1006.238	1589253.50	9.6294	A	0.9
8	☐			5003.15	0.0331	P	2.1

$$y = 0.0096 * x + 0.0064$$

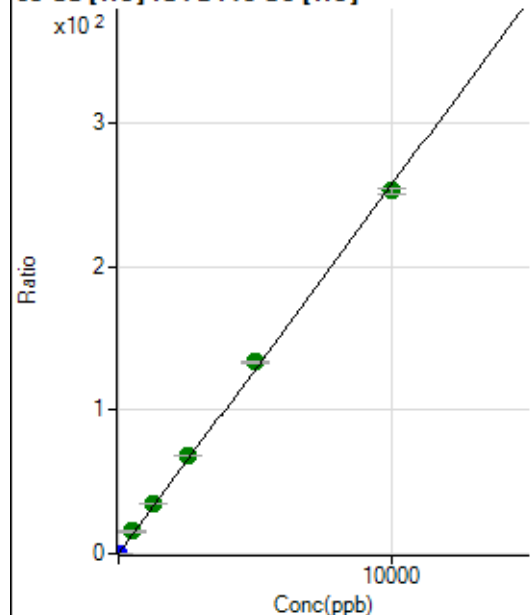
$$R = 0.9998$$

$$DL = 0.05031$$

$$BEC = 0.6715$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3614.94	0.0224	P	3.2
2	☐	2.000	1.753	11019.91	0.0674	P	1.6
3	☐	500.000	599.943	2536584.44	15.4208	A	1.9
4	☐	1250.000	1355.981	5715815.89	34.8255	A	1.2
5	☐	2500.000	2669.565	11312111.08	68.5404	A	0.8
6	☐	5000.000	5195.937	22102046.06	133.3832	A	0.9
7	☐	10000.000	9841.395	41691929.10	252.6151	A	1.3
8	☐			8378.09	0.0554	P	3.3

$$y = 0.0257 * x + 0.0224$$

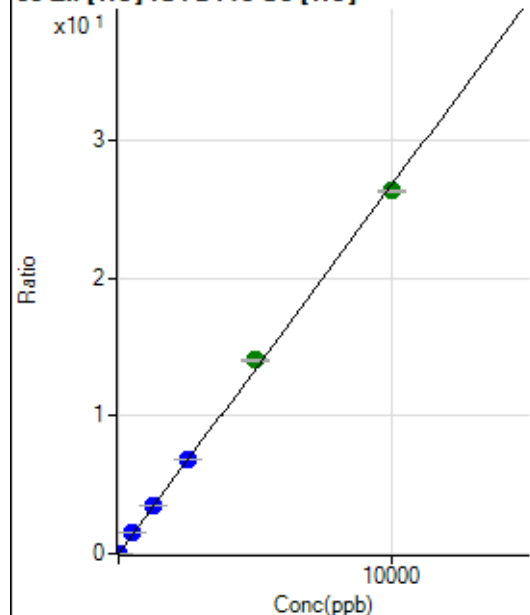
$$R = 0.9995$$

$$DL = 0.08333$$

$$BEC = 0.8741$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	342.23	0.0021	P	7.1
2	☐	2.000	5.262	2650.28	0.0162	P	4.1
3	☐	500.000	567.649	250397.01	1.5223	P	1.1
4	☐	1250.000	1303.474	573287.47	3.4928	P	0.5
5	☐	2500.000	2545.925	1125594.29	6.8200	P	0.8
6	☐	5000.000	5260.570	2334769.93	14.0898	A	1.0
7	☐	10000.000	9848.166	4353038.89	26.3753	A	0.8
8	☐			2449.13	0.0162	P	4.0

$$y = 0.0027 * x + 0.0021$$

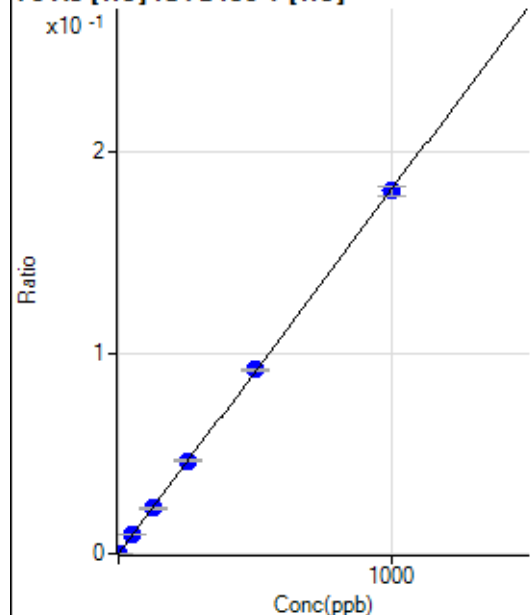
$$R = 0.9995$$

$$DL = 0.1693$$

$$BEC = 0.7932$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7.78	0.0000	P	23.6
2	☐	1.000	1.088	305.56	0.0002	P	6.3
3	☐	50.000	54.086	14908.00	0.0098	P	2.1
4	☐	125.000	124.170	34303.93	0.0226	P	2.7
5	☐	250.000	254.413	69720.21	0.0462	P	1.7
6	☐	500.000	504.884	137353.54	0.0917	P	0.8
7	☐	1000.000	996.354	264494.35	0.1809	P	2.8
8	☐			120.00	0.0001	P	7.3

$$y = 1.8159E-004 * x + 5.2135E-006$$

$$R = 1.0000$$

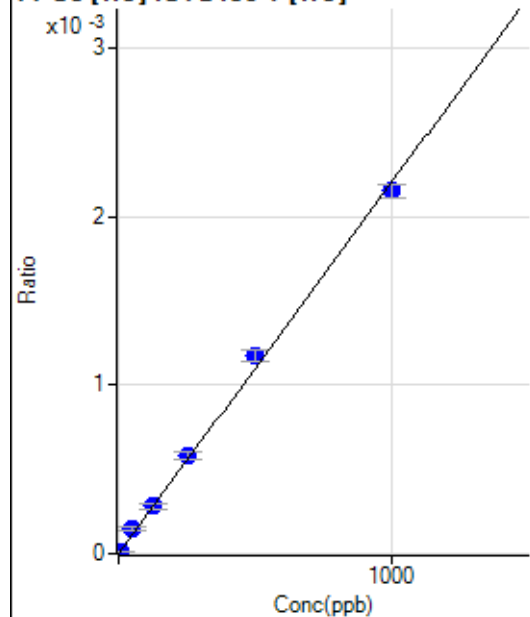
$$DL = 0.02029$$

$$BEC = 0.02871$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.686	18.89	0.0000	P	20.3
3	☐	50.000	65.785	220.01	0.0001	P	18.4
4	☐	125.000	129.272	433.35	0.0003	P	12.0
5	☐	250.000	263.095	875.59	0.0006	P	8.5
6	☐	500.000	535.143	1766.79	0.0012	P	5.5
7	☐	1000.000	977.828	3151.50	0.0022	P	3.7
8	☐			4.45	0.0000	P	86.6

$$y = 2.2043\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9989$$

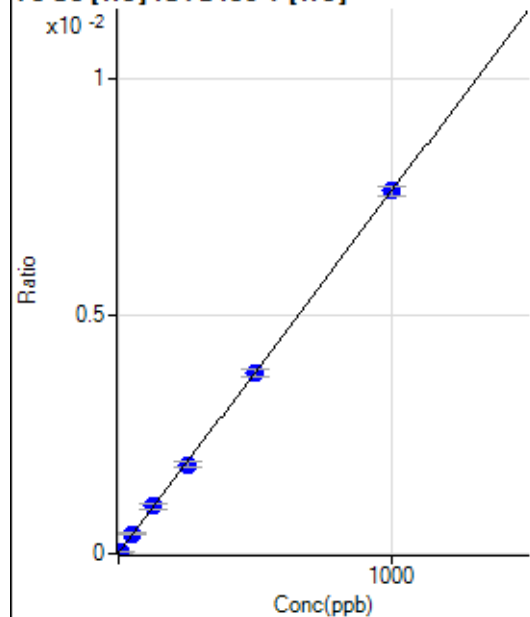
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0000	P	65.8
2	☐	5.000	5.893	77.78	0.0001	P	12.6
3	☐	50.000	54.540	641.13	0.0004	P	3.0
4	☐	125.000	129.420	1511.21	0.0010	P	11.9
5	☐	250.000	245.276	2831.42	0.0019	P	4.9
6	☐	500.000	499.813	5718.99	0.0038	P	4.3
7	☐	1000.000	1000.491	11170.07	0.0076	P	3.0
8	☐			14.44	0.0000	P	53.2

$$y = 7.6258\text{E-}006 * x + 6.6787\text{E-}006$$

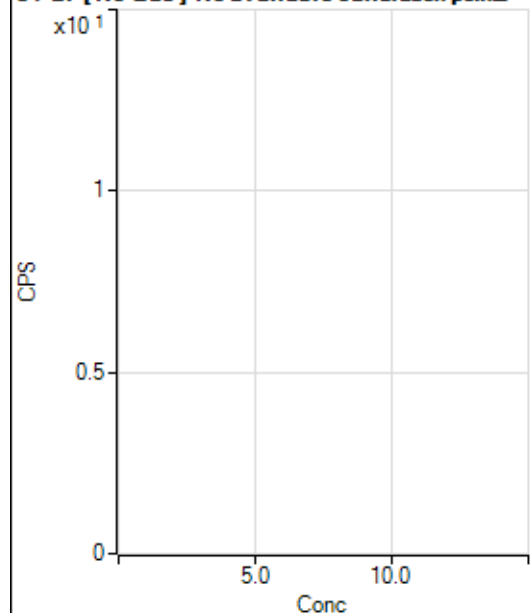
$$R = 1.0000$$

$$DL = 1.73$$

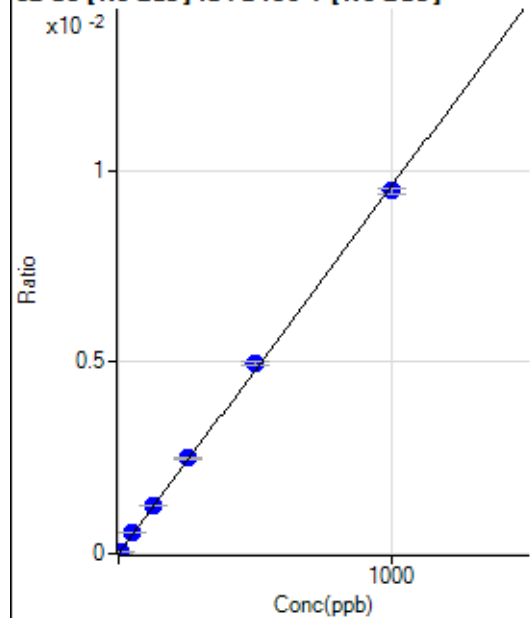
$$BEC = 0.8758$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5857.94		P	2.5
2	☐			5954.66		P	3.3
3	☐			5273.27		P	1.6
4	☐			5377.75		P	2.1
5	☐			5508.91		P	2.3
6	☐			6001.34		P	3.8
7	☐			6414.86		P	0.8
8	☐			5874.63		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.89	0.0000	P	125.4
2	☐	5.000	4.953	1174.53	0.0000	P	4.8
3	☐	50.000	56.657	13360.04	0.0005	P	2.8
4	☐	125.000	129.490	30463.65	0.0012	P	1.9
5	☐	250.000	260.614	60786.78	0.0025	P	1.3
6	☐	500.000	517.227	120070.04	0.0050	P	2.0
7	☐	1000.000	987.839	229548.10	0.0095	P	1.4
8	☐			5.56	0.0000	P	1026.

$$y = 9.5853E-006 * x + 7.7505E-007$$

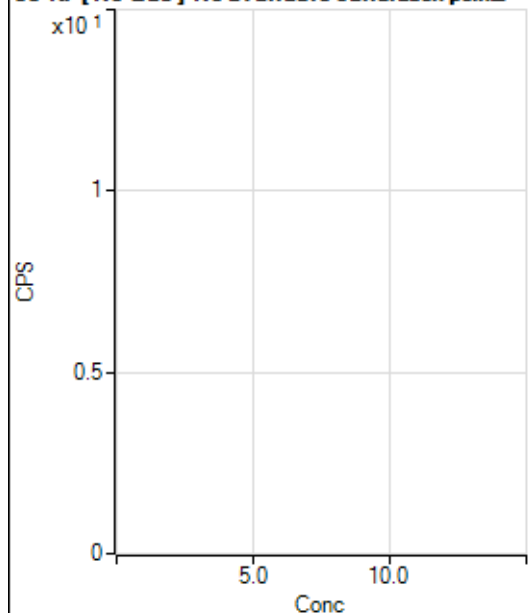
$$R = 0.9997$$

$$DL = 0.3041$$

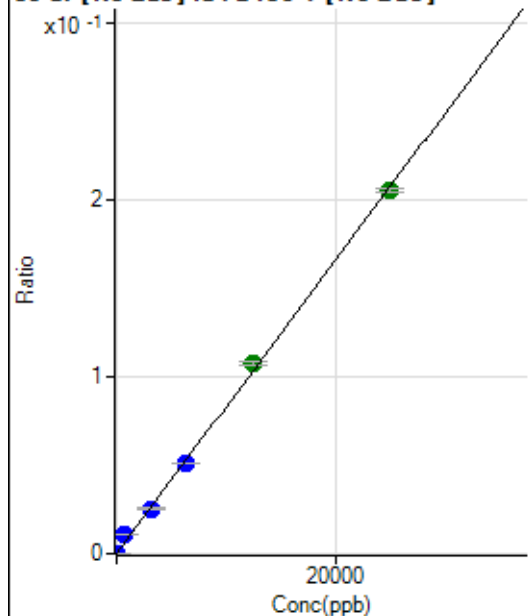
$$BEC = 0.08086$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			220.00		P	10.6
2	☐			243.34		P	8.3
3	☐			272.23		P	21.4
4	☐			248.89		P	17.3
5	☐			268.89		P	17.1
6	☐			294.45		P	15.3
7	☐			308.90		P	16.7
8	☐			352.23		P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	744.47	0.0000	P	12.3
2	☐	1.000	26.433	6079.15	0.0002	P	3.5
3	☐	625.000	1346.281	274828.78	0.0112	P	1.4
4	☐	3125.000	3067.900	624347.92	0.0255	P	2.1
5	☐	6250.000	6142.864	1239091.91	0.0509	P	0.9
6	☐	12500.000	12997.420	2608965.74	0.1077	A	1.1
7	☐	25000.000	24767.179	4976195.31	0.2053	A	1.0
8	☐			14492.02	0.0007	P	0.3

$$y = 8.2872E-006 * x + 3.0673E-005$$

$$R = 0.9993$$

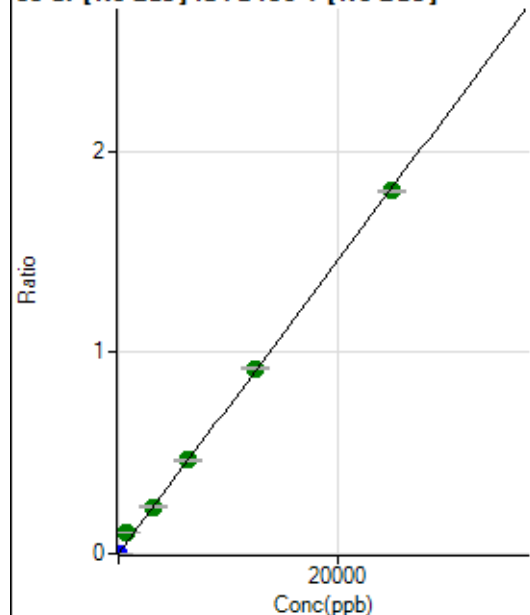
$$DL = 1.363$$

$$BEC = 3.701$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3593.83	0.0001	P	2.4
2	☐	1.000	25.754	49095.85	0.0020	P	1.1
3	☐	625.000	1420.265	2535497.36	0.1032	A	0.6
4	☐	3125.000	3203.749	5705770.26	0.2326	A	2.3
5	☐	6250.000	6415.058	11327128.72	0.4657	A	1.6
6	☐	12500.000	12696.510	22313596.05	0.9215	A	0.7
7	☐	25000.000	24830.754	43682287.13	1.8020	A	0.9
8	☐			123445.93	0.0056	P	0.4

$$y = 7.2566E-005 * x + 1.4803E-004$$

R = 0.9995

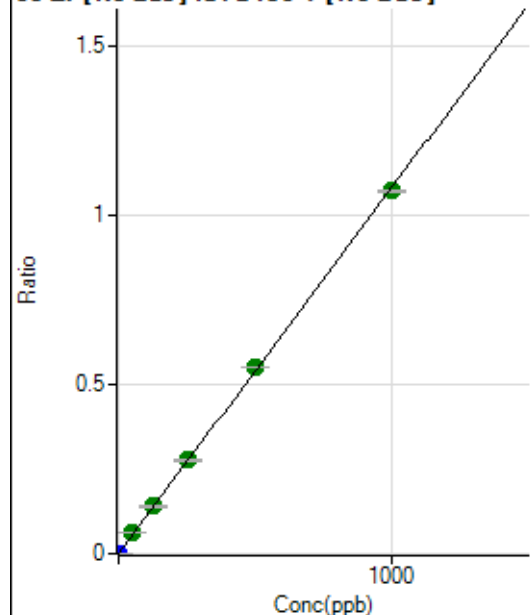
DL = 0.1487

BEC = 2.04

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	934.49	0.0000	P	8.8
2	☐	1.000	1.021	27746.55	0.0011	P	1.4
3	☐	50.000	56.112	1488040.03	0.0606	A	1.5
4	☐	125.000	129.371	3424511.72	0.1396	A	1.3
5	☐	250.000	255.721	6711995.94	0.2759	A	0.8
6	☐	500.000	511.434	13361908.14	0.5518	A	0.4
7	☐	1000.000	992.001	25944030.72	1.0703	A	0.7
8	☐			39759.92	0.0018	P	1.0

$$y = 0.0011 * x + 3.8492E-005$$

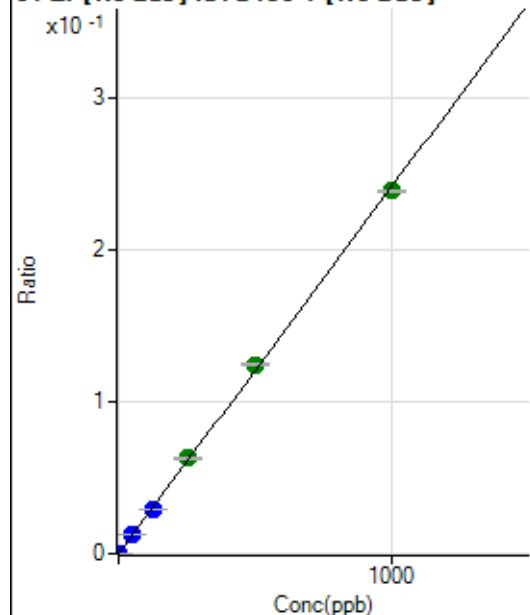
R = 0.9999

DL = 0.009377

BEC = 0.03568

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	201.11	0.0000	P	15.6
2	☐	1.000	1.019	6183.64	0.0003	P	1.4
3	☐	50.000	53.001	314127.87	0.0128	P	1.9
4	☐	125.000	122.473	724570.06	0.0295	P	1.2
5	☐	250.000	261.265	1532656.82	0.0630	A	1.4
6	☐	500.000	515.967	3012932.84	0.1244	A	0.7
7	☐	1000.000	989.366	5783048.45	0.2386	A	0.6
8	☐			8954.08	0.0004	P	1.8

$$y = 2.4112\text{E-}004 * x + 8.2865\text{E-}006$$

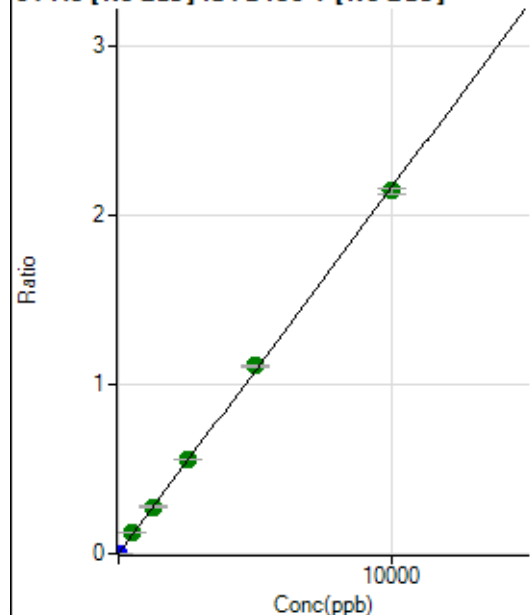
$$R = 0.9997$$

$$DL = 0.01613$$

$$BEC = 0.03437$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15220.64	0.0006	P	3.2
2	☐	5.000	7.217	53202.34	0.0022	P	0.5
3	☐	500.000	561.204	2992707.07	0.1218	A	1.0
4	☐	1250.000	1276.035	6774731.77	0.2762	A	1.6
5	☐	2500.000	2561.372	13471314.94	0.5538	A	0.4
6	☐	5000.000	5135.175	26869769.88	1.1096	A	1.2
7	☐	10000.000	9910.754	51897899.23	2.1409	A	1.5
8	☐			35833.92	0.0016	P	1.4

$$y = 2.1596\text{E-}004 * x + 6.2704\text{E-}004$$

$$R = 0.9998$$

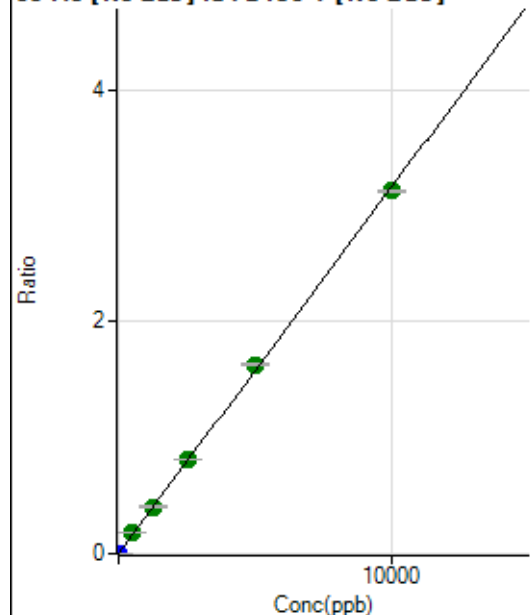
$$DL = 0.2804$$

$$BEC = 2.904$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25810.71	0.0011	P	0.6
2	☐	5.000	6.514	75979.51	0.0031	P	1.4
3	☐	500.000	557.002	4349577.92	0.1771	A	1.3
4	☐	1250.000	1273.167	9893525.13	0.4033	A	1.6
5	☐	2500.000	2564.665	19737435.12	0.8114	A	1.6
6	☐	5000.000	5156.286	39479319.41	1.6303	A	0.9
7	☐	10000.000	9899.944	75853563.32	3.1292	A	0.9
8	☐			38219.09	0.0017	P	2.3

$$y = 3.1597\text{E-}004 * x + 0.0011$$

R = 0.9998

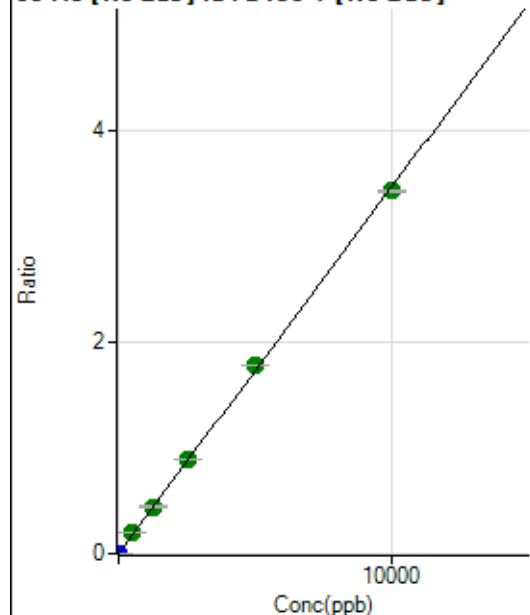
DL = 0.06478

BEC = 3.365

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28013.84	0.0012	P	1.3
2	☐	5.000	6.435	82326.41	0.0034	P	1.5
3	☐	500.000	555.432	4753220.59	0.1935	A	1.1
4	☐	1250.000	1273.092	10841859.70	0.4420	A	1.6
5	☐	2500.000	2567.331	21653205.23	0.8902	A	1.5
6	☐	5000.000	5151.220	43222528.24	1.7849	A	0.3
7	☐	10000.000	9901.898	83145397.65	3.4300	A	0.7
8	☐			43592.56	0.0020	P	0.7

$$y = 3.4628\text{E-}004 * x + 0.0012$$

R = 0.9998

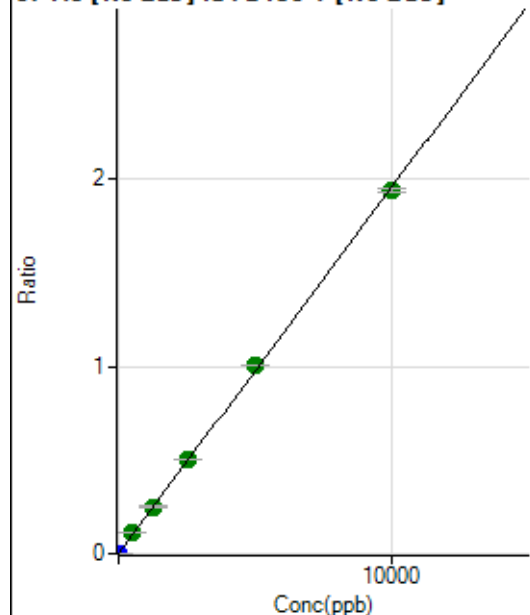
DL = 0.1312

BEC = 3.333

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16301.89	0.0007	P	2.3
2	☐	5.000	6.368	46655.83	0.0019	P	1.7
3	☐	500.000	559.018	2701643.67	0.1100	A	0.9
4	☐	1250.000	1268.373	6099240.81	0.2487	A	2.5
5	☐	2500.000	2556.053	12173946.49	0.5005	A	0.8
6	☐	5000.000	5139.599	24350921.30	1.0056	A	0.6
7	☐	10000.000	9910.939	46992084.86	1.9386	A	1.0
8	☐			22526.14	0.0010	P	0.5

$$y = 1.9553\text{E-}004 * x + 6.7157\text{E-}004$$

R = 0.9998

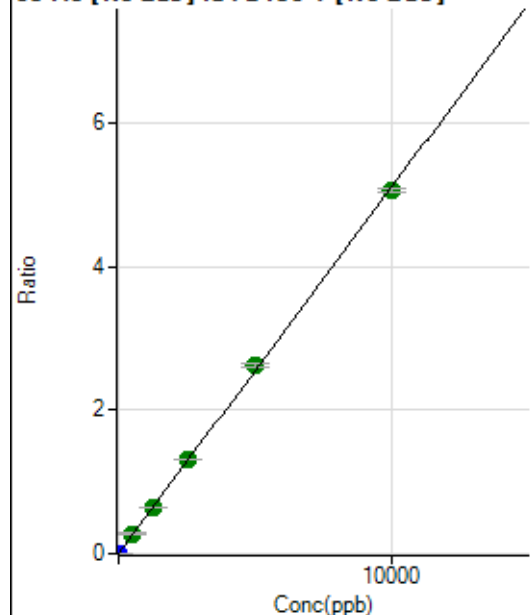
DL = 0.2335

BEC = 3.435

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41714.80	0.0017	P	0.9
2	☐	5.000	6.408	121384.93	0.0050	P	0.8
3	☐	500.000	547.748	6905381.63	0.2811	A	0.9
4	☐	1250.000	1267.676	15901230.46	0.6483	A	2.0
5	☐	2500.000	2565.836	31875765.64	1.3104	A	1.6
6	☐	5000.000	5152.890	63683196.83	2.6300	A	1.7
7	☐	10000.000	9902.499	122476928.1	5.0525	A	1.1
8	☐			57968.07	0.0026	P	1.7

$$y = 5.1005\text{E-}004 * x + 0.0017$$

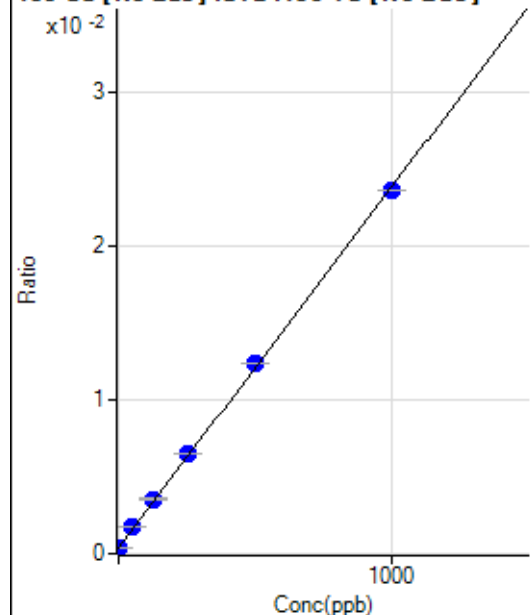
R = 0.9998

DL = 0.09489

BEC = 3.369

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6540.50	0.0004	P	2.1
2	☐	1.000	1.010	7086.34	0.0004	P	2.8
3	☐	50.000	56.945	30618.43	0.0017	P	2.0
4	☐	125.000	134.390	62018.41	0.0035	P	2.3
5	☐	250.000	259.698	115990.17	0.0065	P	0.7
6	☐	500.000	512.656	221528.99	0.0124	P	0.6
7	☐	1000.000	989.726	415465.71	0.0236	P	0.0
8	☐			6029.15	0.0004	P	1.6

$$y = 2.3418\text{E-}005 * x + 3.7483\text{E-}004$$

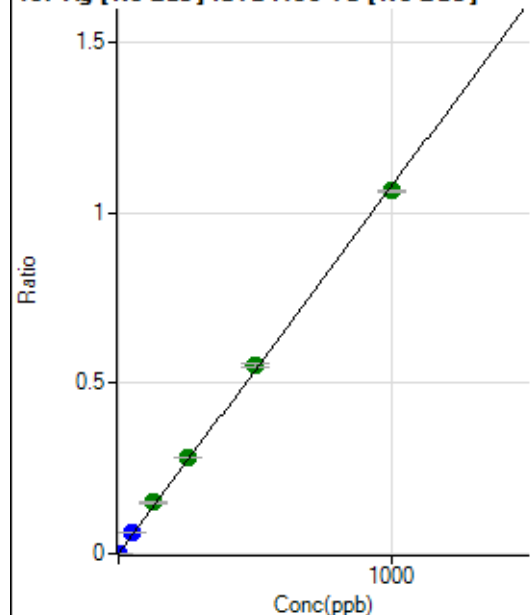
R = 0.9998

DL = 1.025

BEC = 16.01

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	224.45	0.0000	P	21.4
2	☐	1.000	1.004	19451.59	0.0011	P	1.5
3	☐	50.000	55.749	1076278.65	0.0601	P	1.9
4	☐	125.000	138.874	2633930.92	0.1496	A	0.2
5	☐	250.000	263.696	5102024.58	0.2840	A	0.2
6	☐	500.000	513.219	9891081.94	0.5527	A	1.6
7	☐	1000.000	987.945	18768212.08	1.0640	A	0.8
8	☐			3135.94	0.0002	P	7.2

$$y = 0.0011 * x + 1.2877\text{E-}005$$

R = 0.9997

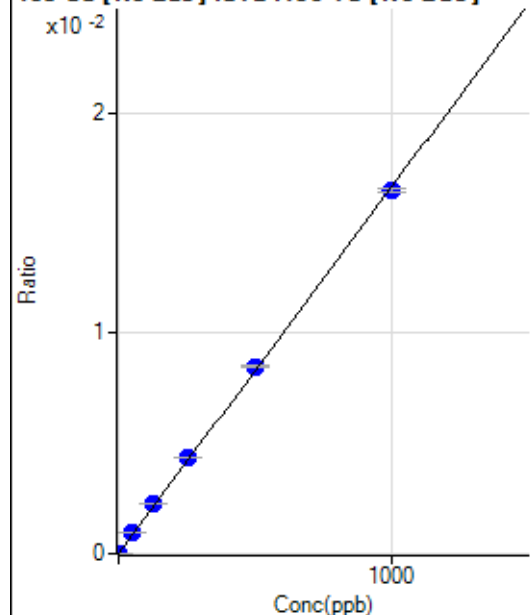
DL = 0.00767

BEC = 0.01196

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	29.1
2	☐	1.000	1.154	403.34	0.0000	P	1.8
3	☐	50.000	58.739	17571.30	0.0010	P	1.5
4	☐	125.000	135.438	39726.01	0.0023	P	0.4
5	☐	250.000	260.619	77927.54	0.0043	P	0.1
6	☐	500.000	511.373	152244.54	0.0085	P	0.4
7	☐	1000.000	989.917	290458.92	0.0165	P	1.0
8	☐			291.12	0.0000	P	1.3

$$y = 1.6631\text{E-}005 * x + 3.4951\text{E-}006$$

$$R = 0.9998$$

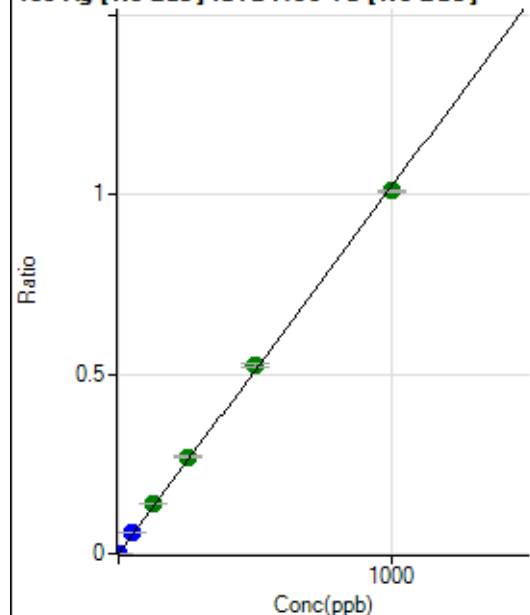
$$DL = 0.1833$$

$$BEC = 0.2102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	130.00	0.0000	P	21.6
2	☐	1.000	1.010	18520.35	0.0010	P	1.7
3	☐	50.000	55.846	1024453.56	0.0572	P	1.7
4	☐	125.000	137.903	2485304.63	0.1411	A	0.2
5	☐	250.000	263.546	4845423.26	0.2697	A	1.3
6	☐	500.000	512.747	9390248.40	0.5247	A	1.5
7	☐	1000.000	988.335	17841744.46	1.0114	A	0.6
8	☐			2823.65	0.0002	P	9.9

$$y = 0.0010 * x + 7.4453\text{E-}006$$

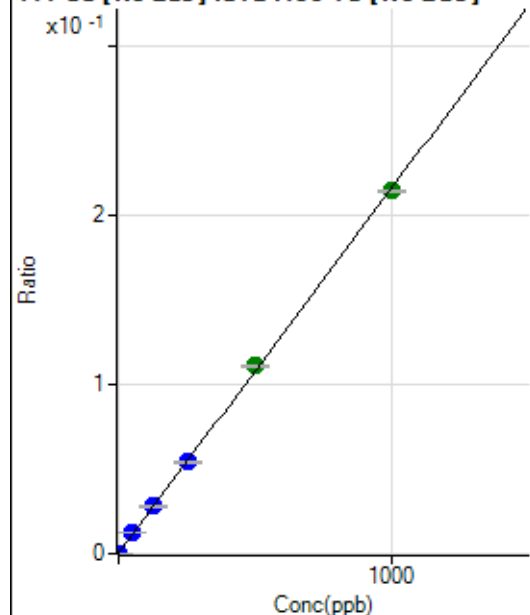
$$R = 0.9997$$

$$DL = 0.004723$$

$$BEC = 0.007275$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4640.02	0.0003	P	2.5
2	☐	1.000	1.038	8710.96	0.0005	P	0.8
3	☐	50.000	54.811	216661.59	0.0121	P	1.3
4	☐	125.000	128.680	493431.64	0.0280	P	1.4
5	☐	250.000	249.263	970619.30	0.0540	P	0.8
6	☐	500.000	513.022	1984941.69	0.1109	A	1.9
7	☐	1000.000	992.973	3782589.70	0.2144	A	0.9
8	☐			4931.11	0.0003	P	2.0

$$y = 2.1569\text{E-}004 * x + 2.6592\text{E-}004$$

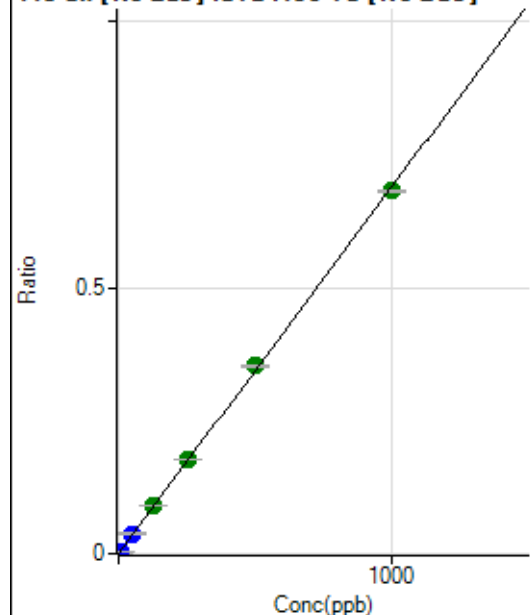
$$R = 0.9999$$

$$DL = 0.09362$$

$$BEC = 1.233$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2023.50	0.0001	P	6.9
2	☐	5.000	5.201	65702.11	0.0037	P	0.5
3	☐	50.000	54.508	674246.65	0.0376	P	1.7
4	☐	125.000	132.367	1605774.11	0.0912	A	0.8
5	☐	250.000	258.141	3192695.02	0.1777	A	1.2
6	☐	500.000	512.969	6317400.88	0.3531	A	1.2
7	☐	1000.000	990.333	12021893.15	0.6815	A	0.3
8	☐			4519.68	0.0003	P	9.2

$$y = 6.8803\text{E-}004 * x + 1.1590\text{E-}004$$

$$R = 0.9998$$

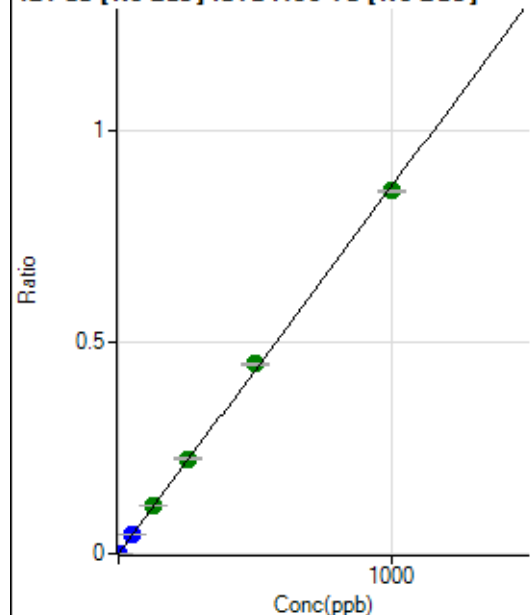
$$DL = 0.03496$$

$$BEC = 0.1684$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	262.23	0.0000	P	9.9
2	☐	2.000	2.063	32171.20	0.0018	P	1.3
3	☐	50.000	53.824	839011.91	0.0468	P	1.7
4	☐	125.000	132.429	2027871.78	0.1152	A	0.5
5	☐	250.000	259.234	4049272.89	0.2254	A	1.2
6	☐	500.000	516.695	8039216.55	0.4493	A	0.6
7	☐	1000.000	988.224	15156309.77	0.8592	A	0.8
8	☐			6835.10	0.0004	P	1.2

$$y = 8.6945\text{E-}004 * x + 1.5019\text{E-}005$$

$$R = 0.9997$$

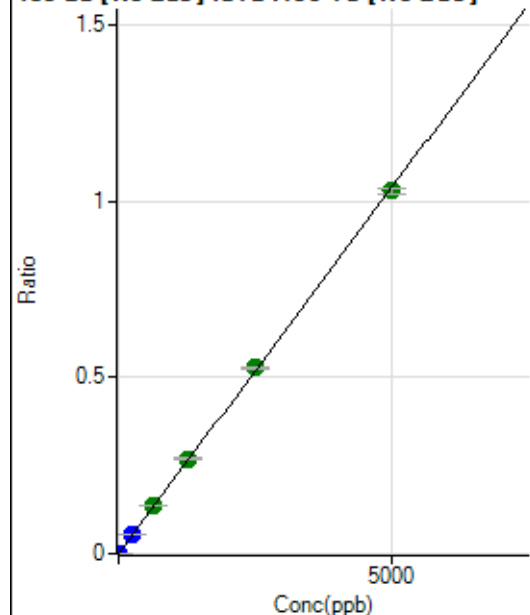
$$DL = 0.005151$$

$$BEC = 0.01727$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	730.03	0.0000	P	7.9
2	☐	10.000	10.358	39028.26	0.0022	P	0.1
3	☐	250.000	268.945	1002460.50	0.0559	P	1.7
4	☐	625.000	666.384	2439335.14	0.1385	A	0.8
5	☐	1250.000	1295.750	4838149.51	0.2693	A	1.3
6	☐	2500.000	2546.774	9471562.15	0.5293	A	1.1
7	☐	5000.000	4959.055	18179462.92	1.0306	A	1.6
8	☐			9167.63	0.0006	P	3.8

$$y = 2.0781\text{E-}004 * x + 4.1810\text{E-}005$$

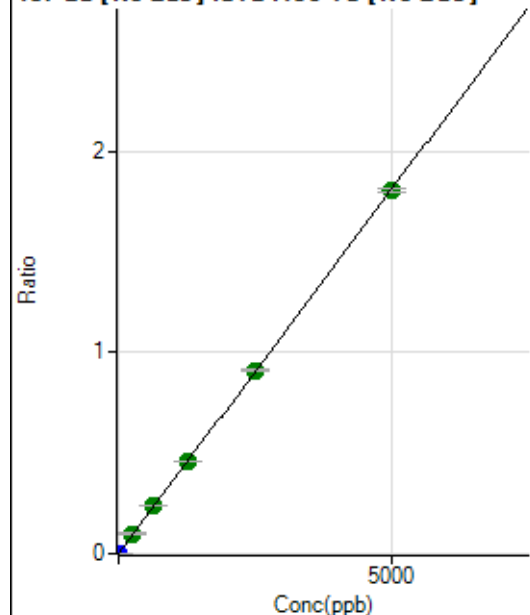
$$R = 0.9999$$

$$DL = 0.04784$$

$$BEC = 0.2012$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1160.06	0.0001	P	8.6
2	☐	10.000	10.312	67556.30	0.0038	P	1.6
3	☐	250.000	276.576	1795064.18	0.1002	A	2.0
4	☐	625.000	656.818	4186920.04	0.2378	A	0.3
5	☐	1250.000	1272.156	8271781.61	0.4604	A	0.7
6	☐	2500.000	2518.905	16312802.95	0.9116	A	0.5
7	☐	5000.000	4979.702	31789965.64	1.8022	A	1.0
8	☐			15742.60	0.0010	P	4.9

$$y = 3.6189E-004 * x + 6.6464E-005$$

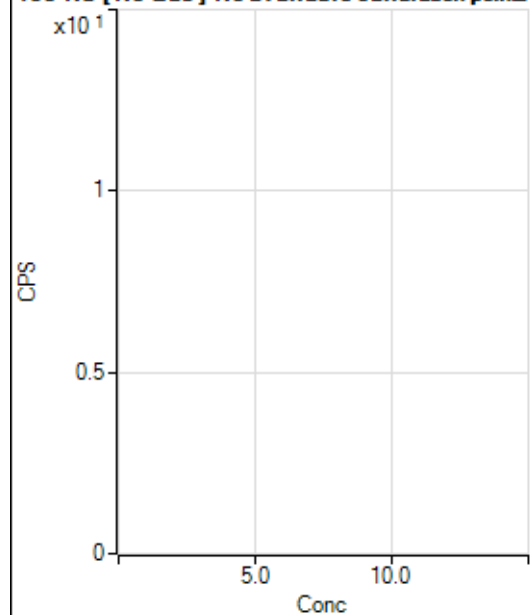
$$R = 1.0000$$

$$DL = 0.04711$$

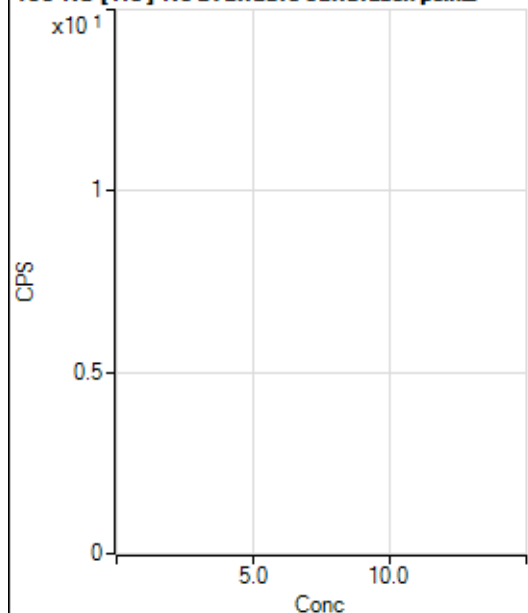
$$BEC = 0.1837$$

Weight: <None>

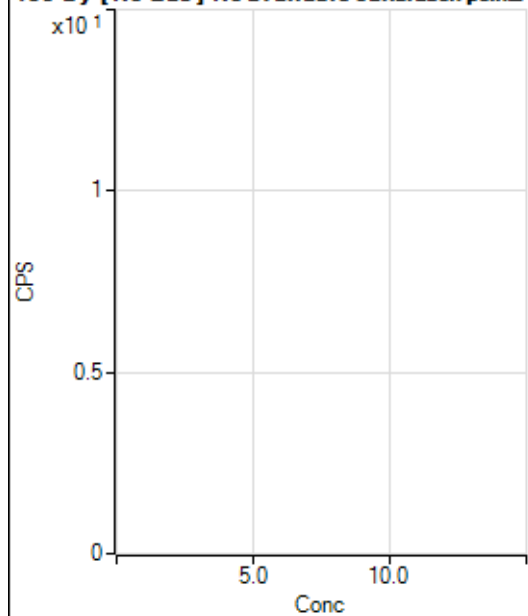
Min Conc: 0

150 Nd [No Gas] No available calibration points

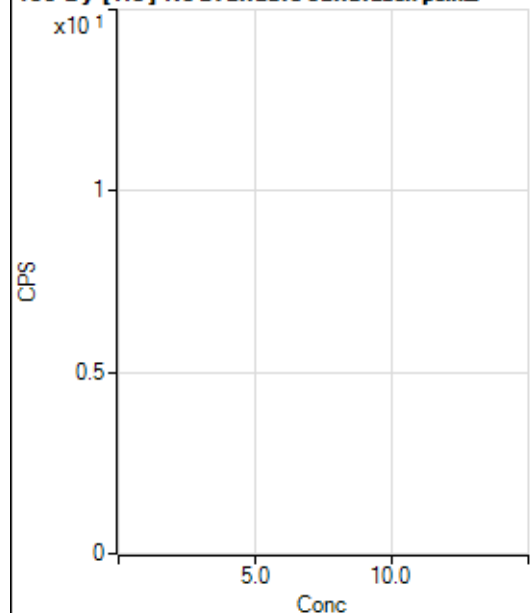
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			17.78		P	28.6
2	☐			23.33		P	28.6
3	☐			111.11		P	15.4
4	☐			192.23		P	1.0
5	☐			356.68		P	5.7
6	☐			680.02		P	2.7
7	☐			1360.09		P	4.2
8	☐			383.35		P	8.0

150 Nd [He] No available calibration points

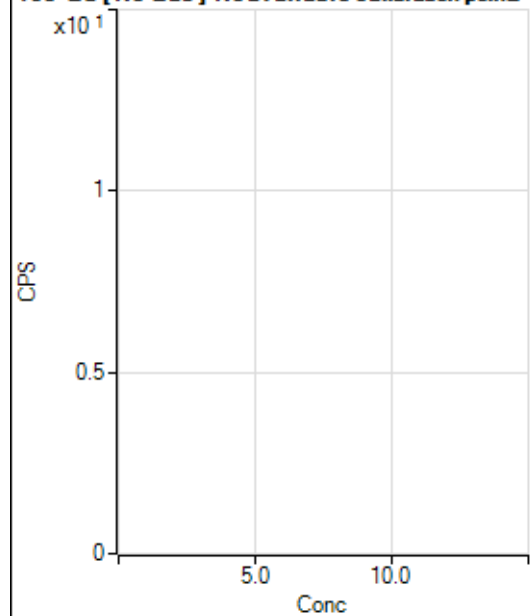
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	86.6
3	☐			4.44		P	43.4
4	☐			5.55		P	69.3
5	☐			7.78		P	65.5
6	☐			15.56		P	53.9
7	☐			37.78		P	18.4
8	☐			52.22		P	25.8

156 Dy [No Gas] No available calibration points

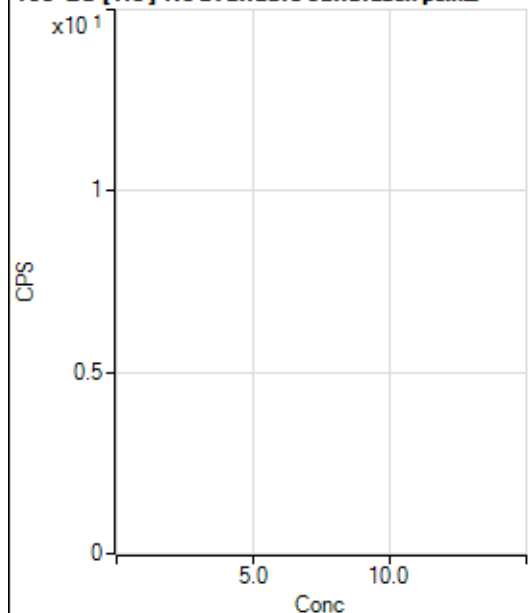
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			424.46		P	8.2
2	☐			372.23		P	15.4
3	☐			427.79		P	6.6
4	☐			390.01		P	4.5
5	☐			355.57		P	4.2
6	☐			436.68		P	5.8
7	☐			614.47		P	11.0
8	☐			738.92		P	8.0

156 Dy [He] No available calibration points

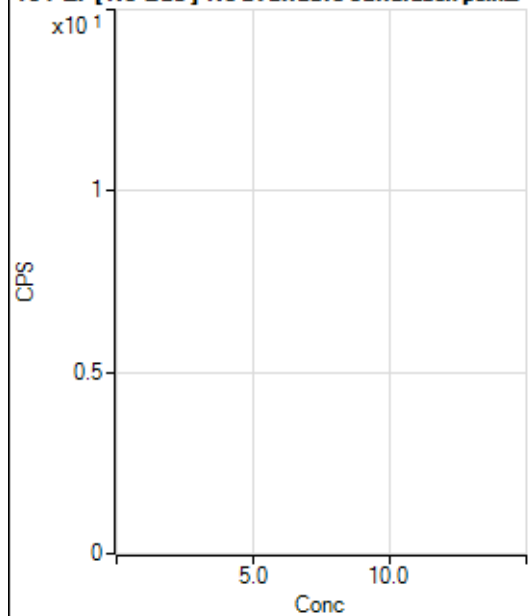
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	13.4
2	☐			7.78		P	49.5
3	☐			12.22		P	15.7
4	☐			16.67		P	20.0
5	☐			26.67		P	33.1
6	☐			28.89		P	29.0
7	☐			58.89		P	22.9
8	☐			170.00		P	16.8

160 Gd [No Gas] Noavailable calibration poin_

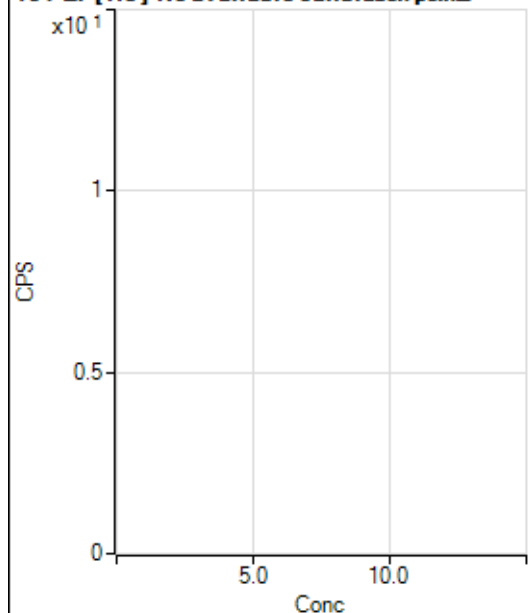
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.67		P	21.8
2	☐			78.89		P	12.9
3	☐			78.89		P	21.3
4	☐			80.00		P	27.3
5	☐			97.78		P	17.2
6	☐			134.45		P	3.8
7	☐			196.67		P	23.3
8	☐			494.46		P	3.8

160 Gd [He] No available calibration points

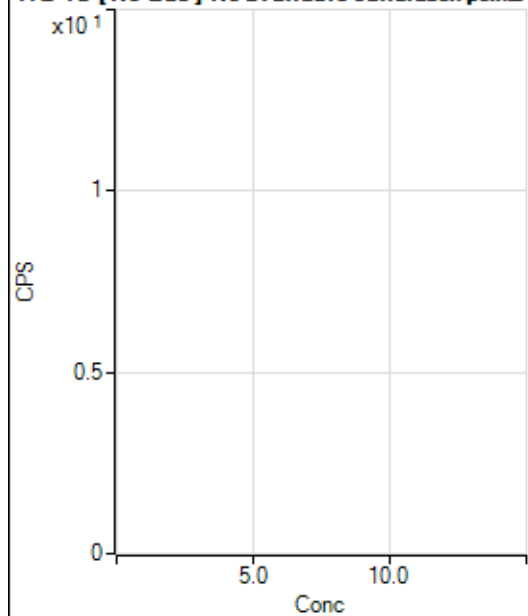
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	81.1
2	☐			22.22		P	48.2
3	☐			20.00		P	16.7
4	☐			18.89		P	27.0
5	☐			21.11		P	24.1
6	☐			33.33		P	30.0
7	☐			58.89		P	8.6
8	☐			188.89		P	16.0

164 Er [No Gas] No available calibration points

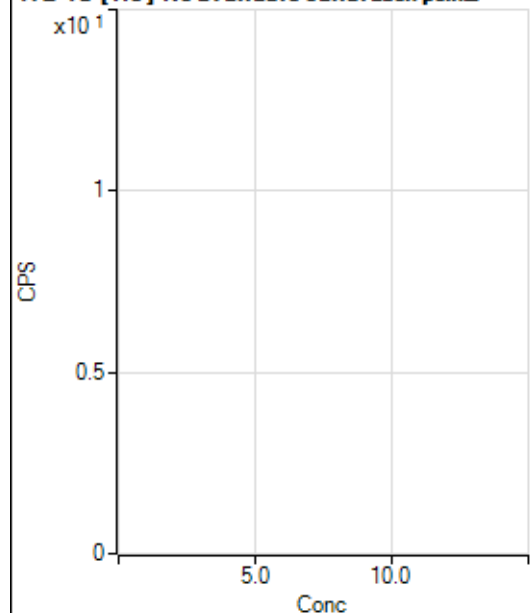
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			91.11		P	9.2
2	☐			81.11		P	20.3
3	☐			93.34		P	19.9
4	☐			104.45		P	16.4
5	☐			142.22		P	21.3
6	☐			172.23		P	30.1
7	☐			214.45		P	4.7
8	☐			601.13		P	3.3

164 Er [He] No available calibration points

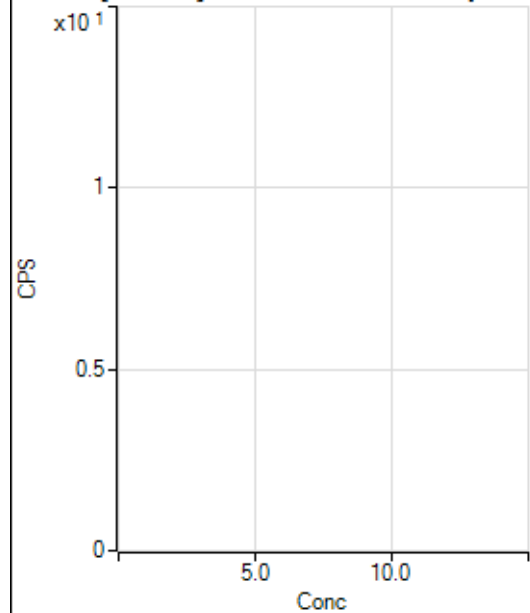
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	6.9
2	☐			22.22		P	43.3
3	☐			31.11		P	44.6
4	☐			45.56		P	4.2
5	☐			43.33		P	15.4
6	☐			46.67		P	14.3
7	☐			65.56		P	7.8
8	☐			222.23		P	3.1

172 Yb [No Gas] No available calibration points

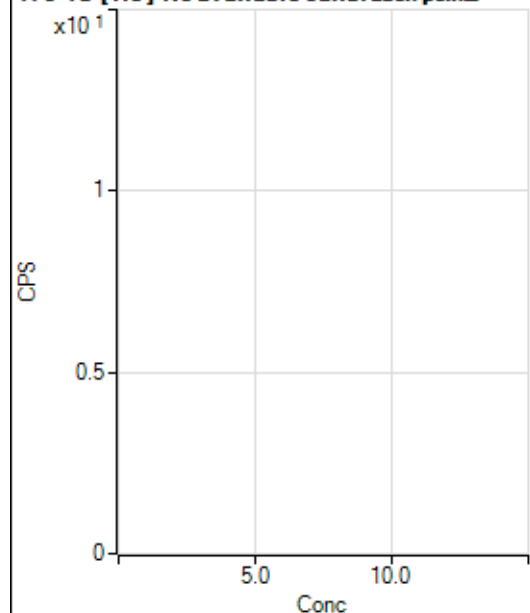
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			95.56		P	11.2
2	☐			85.55		P	4.5
3	☐			93.33		P	9.4
4	☐			157.78		P	3.2
5	☐			137.78		P	7.0
6	☐			211.12		P	15.3
7	☐			286.67		P	12.3
8	☐			698.92		P	7.7

172 Yb [He] No available calibration points

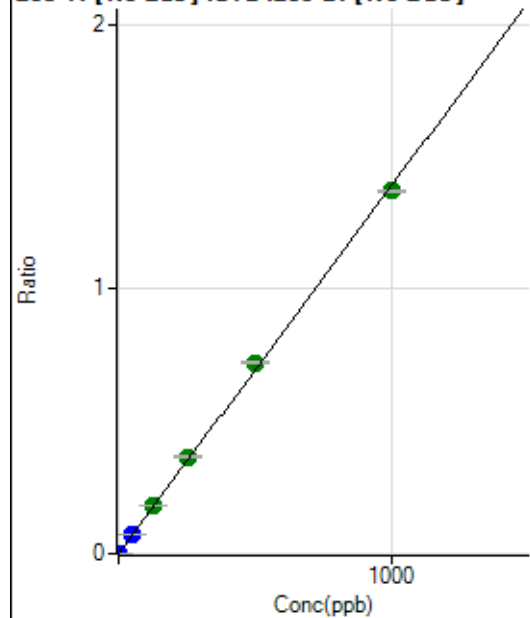
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			32.22		P	31.6
2	☐			27.78		P	18.3
3	☐			30.00		P	19.2
4	☐			40.00		P	8.3
5	☐			63.33		P	10.5
6	☐			77.78		P	27.6
7	☐			106.67		P	5.4
8	☐			265.56		P	5.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1723.47		P	4.1
2	☐			1697.91		P	5.2
3	☐			5438.94		P	1.7
4	☐			10007.21		P	0.8
5	☐			18385.09		P	2.3
6	☐			34220.94		P	0.7
7	☐			66293.06		P	0.2
8	☐			2015.73		P	3.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			247.78		P	7.7
2	☐			270.01		P	23.7
3	☐			1322.31		P	8.4
4	☐			2840.34		P	0.6
5	☐			5468.96		P	1.6
6	☐			10624.35		P	1.7
7	☐			20131.02		P	1.2
8	☐			397.79		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	422.23	0.0000	P	5.9
2	☐	1.000	0.992	15198.98	0.0014	P	1.7
3	☐	50.000	53.722	804562.57	0.0748	P	1.0
4	☐	125.000	129.992	1930734.52	0.1809	A	2.1
5	☐	250.000	263.130	3885971.89	0.3661	A	0.9
6	☐	500.000	519.233	7478455.17	0.7223	A	0.7
7	☐	1000.000	986.291	14089116.59	1.3720	A	0.7
8	☐			1342.31	0.0002	P	8.0

$$y = 0.0014 * x + 3.8994E-005$$

$$R = 0.9996$$

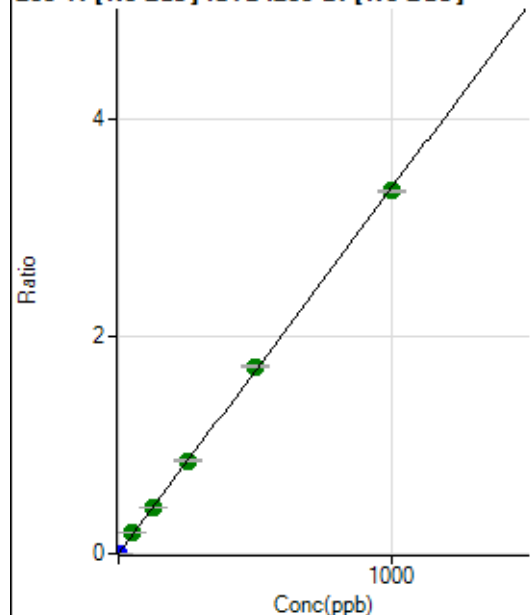
$$DL = 0.004986$$

$$BEC = 0.02803$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1088.96	0.0001	P	14.2
2	☐	1.000	0.991	36706.20	0.0034	P	1.4
3	☐	50.000	56.496	2042332.52	0.1898	A	0.8
4	☐	125.000	127.090	4556741.04	0.4268	A	1.0
5	☐	250.000	254.325	9065936.74	0.8540	A	1.4
6	☐	500.000	511.947	17797707.93	1.7190	A	0.5
7	☐	1000.000	992.359	34216752.82	3.3320	A	0.6
8	☐			3253.78	0.0004	P	8.3

$$y = 0.0034 * x + 1.0048E-004$$

$$R = 0.9999$$

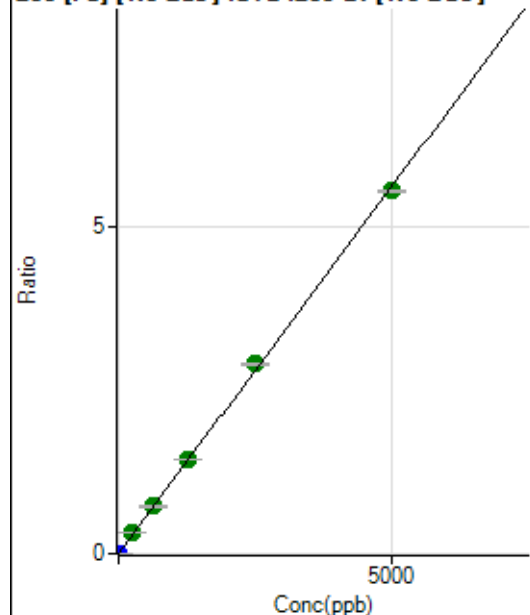
$$DL = 0.01279$$

$$BEC = 0.02993$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1817.93	0.0002	P	0.9
2	☐	1.000	0.963	13393.66	0.0013	P	0.5
3	☐	250.000	284.517	3444842.55	0.3201	A	0.5
4	☐	625.000	645.224	7748092.38	0.7257	A	1.5
5	☐	1250.000	1286.029	15354160.60	1.4464	A	1.0
6	☐	2500.000	2583.016	30075625.11	2.9049	A	1.0
7	☐	5000.000	4945.231	57109183.59	5.5613	A	0.3
8	☐			9624.77	0.0011	P	6.4

$$y = 0.0011 * x + 1.6790E-004$$

$$R = 0.9998$$

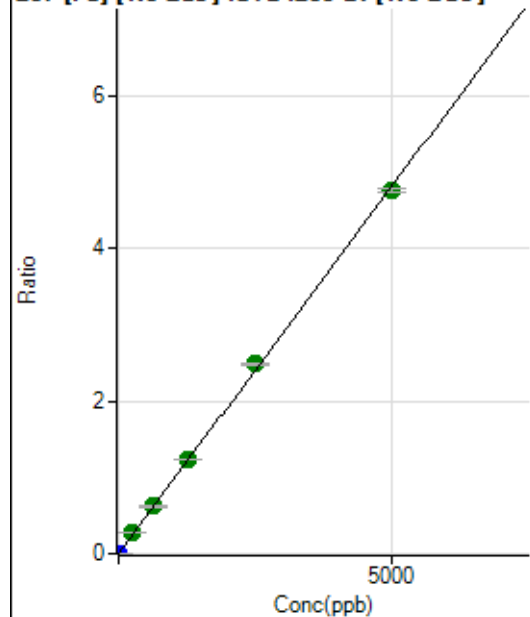
$$DL = 0.00413$$

$$BEC = 0.1493$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1559.00	0.0001	P	5.0
2	☐	1.000	0.990	11727.60	0.0011	P	1.8
3	☐	250.000	284.936	2946237.84	0.2738	A	0.3
4	☐	625.000	645.895	6623656.78	0.6204	A	2.1
5	☐	1250.000	1286.783	13120573.14	1.2359	A	0.2
6	☐	2500.000	2583.975	25694470.45	2.4817	A	0.2
7	☐	5000.000	4944.458	48766040.94	4.7486	A	1.0
8	☐			8473.96	0.0010	P	7.1

$$y = 9.6035E-004 * x + 1.4398E-004$$

$$R = 0.9998$$

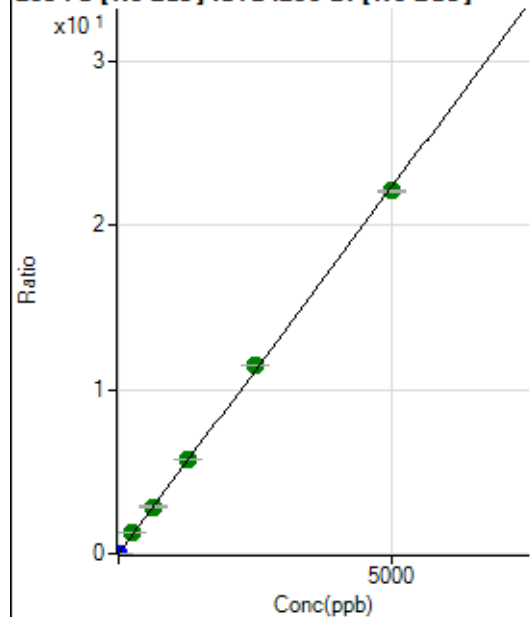
$$DL = 0.0227$$

$$BEC = 0.1499$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7251.99	0.0007	P	0.6
2	☐	1.000	0.979	53916.59	0.0050	P	0.6
3	☐	250.000	280.259	13452472.72	1.2501	A	0.2
4	☐	625.000	640.117	30473631.00	2.8544	A	1.5
5	☐	1250.000	1281.620	60662827.99	5.7142	A	0.4
6	☐	2500.000	2575.360	118878477.4	11.4818	A	0.5
7	☐	5000.000	4951.013	226671484.9	22.0726	A	0.6
8	☐			38137.73	0.0044	P	5.4

$$y = 0.0045 * x + 6.6973E-004$$

$$R = 0.9998$$

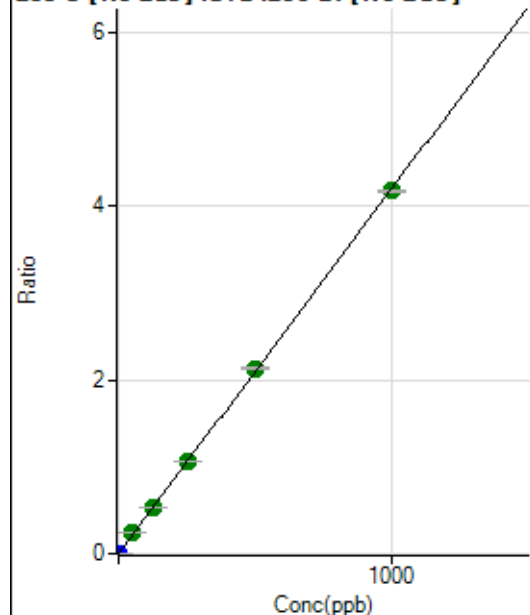
$$DL = 0.002702$$

$$BEC = 0.1502$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	457.79	0.0000	P	8.9
2	☐	1.000	0.966	43901.61	0.0041	P	1.1
3	☐	50.000	55.670	2514997.90	0.2337	A	0.9
4	☐	125.000	127.107	5696590.82	0.5336	A	1.8
5	☐	250.000	251.375	11201808.16	1.0552	A	0.3
6	☐	500.000	508.530	22100793.97	2.1345	A	0.4
7	☐	1000.000	994.844	42882651.58	4.1758	A	0.4
8	☐			1710.14	0.0002	P	13.6

$$y = 0.0042 * x + 4.2255E-005$$

$$R = 0.9999$$

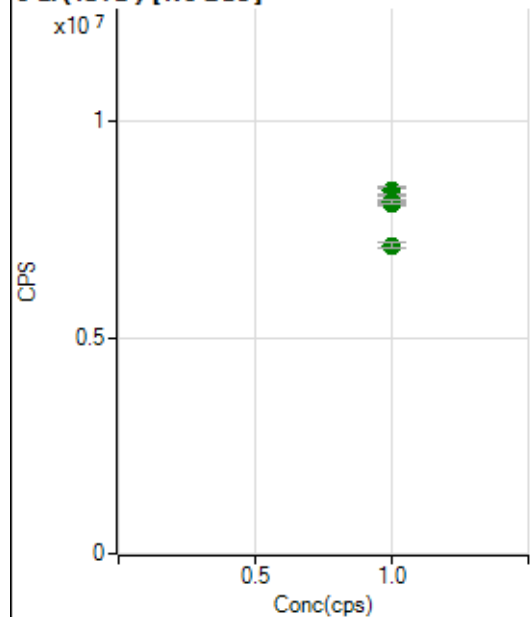
$$DL = 0.002676$$

$$BEC = 0.01007$$

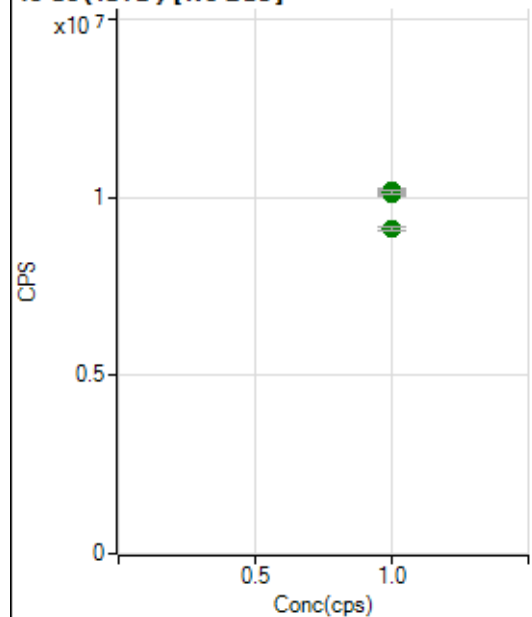
Weight: <None>

Min Conc: 0

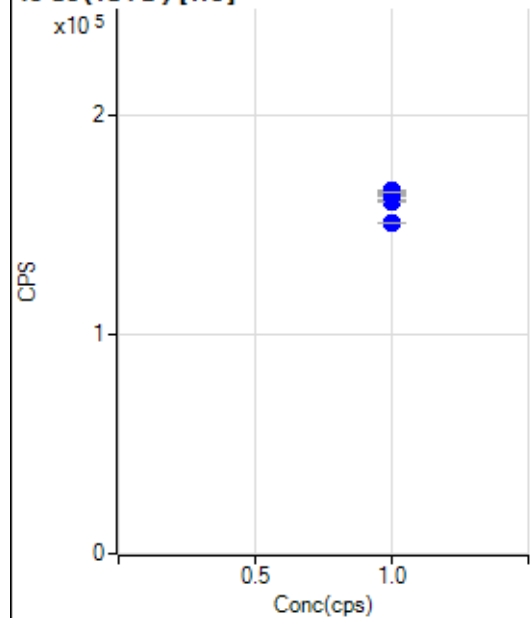
6 Li (ISTD) [No Gas]



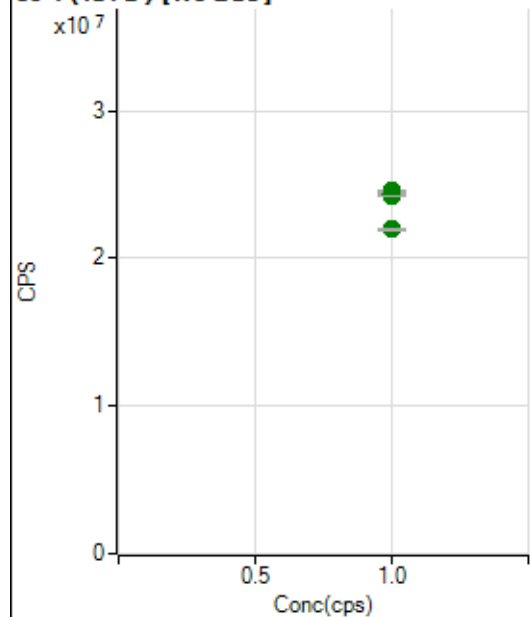
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8311171.69		A	0.8
2	☐	1.000		8396079.20		A	1.5
3	☐	1.000		8395380.48		A	2.1
4	☐	1.000		8328839.22		A	0.2
5	☐	1.000		8302828.62		A	0.9
6	☐	1.000		8081535.03		A	1.2
7	☐	1.000		8146271.11		A	0.7
8	☐	1.000		7132080.17		A	1.8

45 Sc (ISTD) [No Gas]

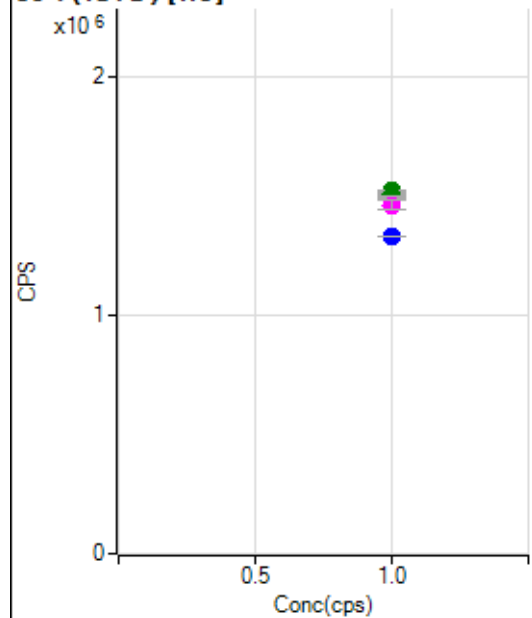
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10155184.57		A	1.9
2	☐	1.000		10161397.35		A	0.5
3	☐	1.000		10118535.26		A	1.6
4	☐	1.000		10171090.61		A	2.0
5	☐	1.000		10159081.58		A	1.2
6	☐	1.000		10183590.82		A	1.8
7	☐	1.000		10141089.02		A	1.0
8	☐	1.000		9131464.66		A	1.5

45 Sc (ISTD) [He]

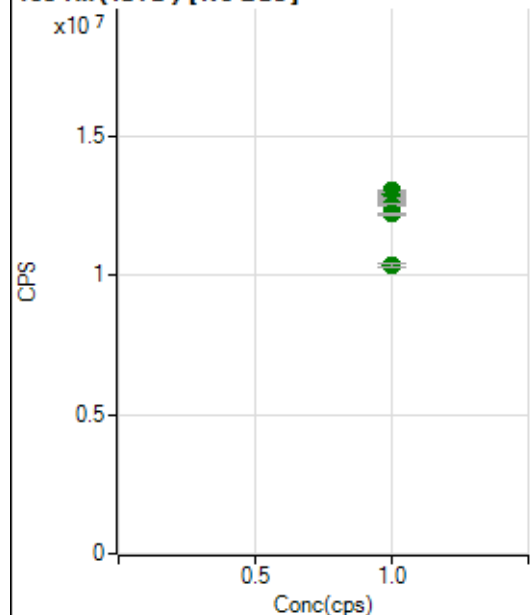
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		161109.94		P	0.8
2	☐	1.000		163446.54		P	0.2
3	☐	1.000		164496.29		P	0.6
4	☐	1.000		164139.47		P	0.9
5	☐	1.000		165051.27		P	1.0
6	☐	1.000		165707.39		P	0.4
7	☐	1.000		165043.95		P	0.3
8	☐	1.000		151243.54		P	0.3

89 Y (ISTD) [No Gas]

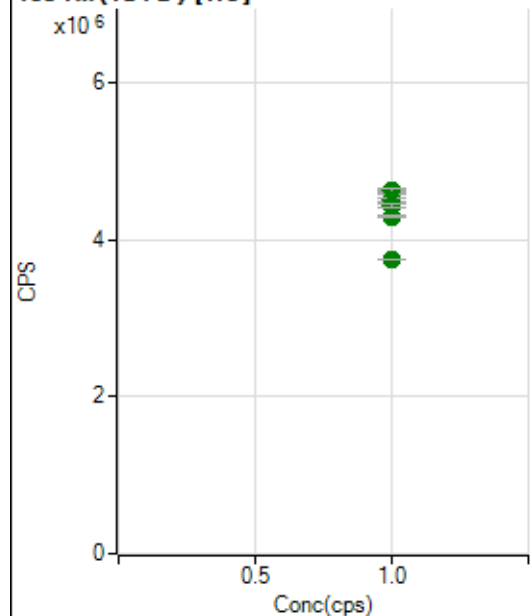
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		24276251.03		A	0.5
2	☐	1.000		24342049.91		A	0.3
3	☐	1.000		24566946.02		A	0.9
4	☐	1.000		24531152.41		A	1.1
5	☐	1.000		24326864.08		A	1.0
6	☐	1.000		24215369.36		A	0.5
7	☐	1.000		24240780.47		A	0.0
8	☐	1.000		21947134.12		A	0.8

89 Y (ISTD) [He]

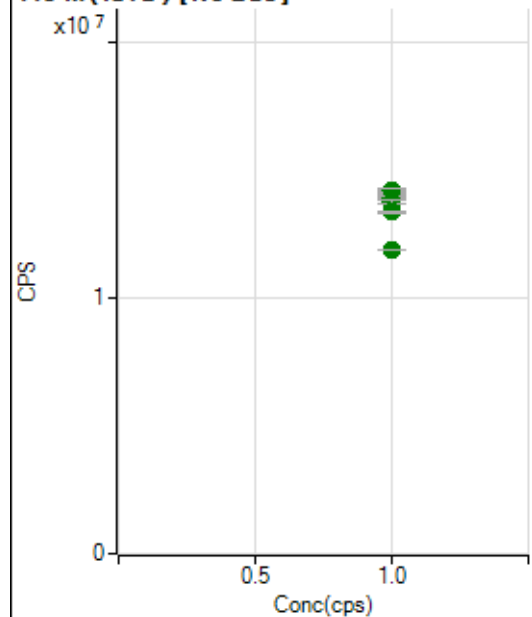
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1489835.62		A	1.2
2	☐	1.000		1507027.60		A	0.3
3	☐	1.000		1517127.91		A	0.1
4	☐	1.000		1521169.94		A	0.7
5	☐	1.000		1509303.29		A	2.0
6	☐	1.000		1498097.42		A	0.6
7	☐	1.000		1462721.28		M	3.1
8	☐	1.000		1330332.60		P	0.1

103 Rh (ISTD) [No Gas]

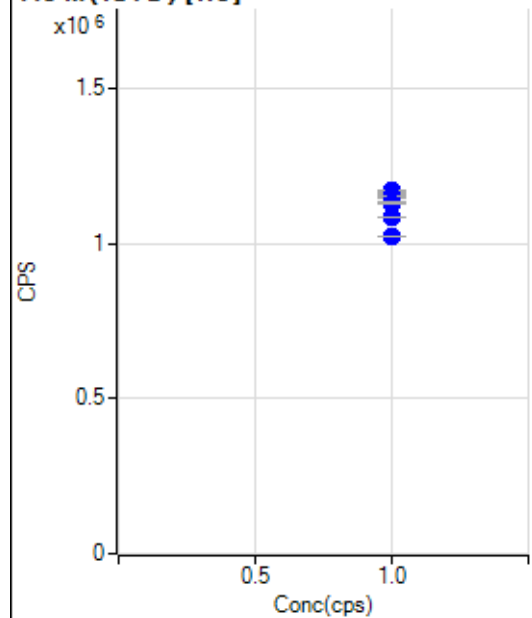
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12965703.84		A	0.6
2	☐	1.000		13020627.72		A	0.4
3	☐	1.000		12882093.28		A	1.3
4	☐	1.000		12739694.81		A	1.2
5	☐	1.000		12725780.09		A	0.5
6	☐	1.000		12512614.54		A	0.6
7	☐	1.000		12198603.70		A	0.4
8	☐	1.000		10366602.07		A	1.6

103 Rh (ISTD) [He]

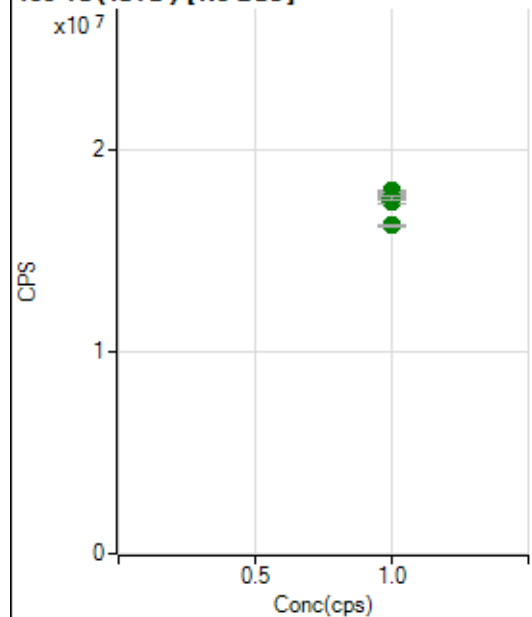
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4608721.94		A	0.5
2	☐	1.000		4625320.42		A	0.8
3	☐	1.000		4584853.92		A	0.5
4	☐	1.000		4624632.02		A	1.3
5	☐	1.000		4513284.97		A	1.0
6	☐	1.000		4430992.54		A	0.9
7	☐	1.000		4301460.28		A	1.0
8	☐	1.000		3748073.97		A	0.3

115 In (ISTD) [No Gas]

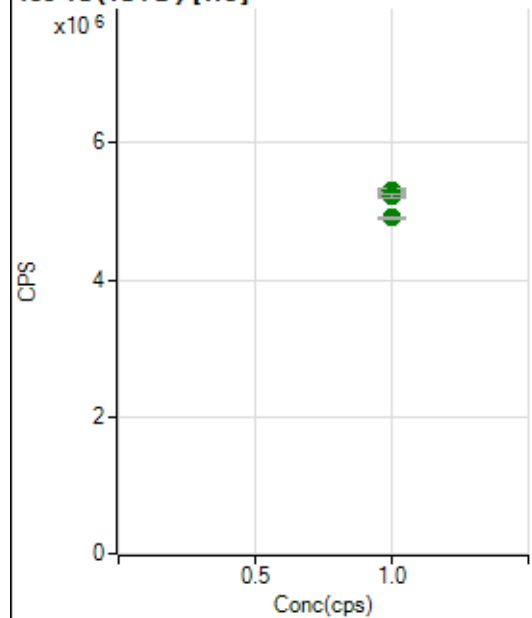
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13950013.22		A	0.3
2	☐	1.000		14155965.78		A	0.9
3	☐	1.000		13962111.10		A	1.7
4	☐	1.000		14176369.44		A	1.8
5	☐	1.000		13905496.77		A	1.3
6	☐	1.000		13761666.36		A	0.9
7	☐	1.000		13363350.29		A	0.7
8	☐	1.000		11868801.57		A	0.5

115 In (ISTD) [He]

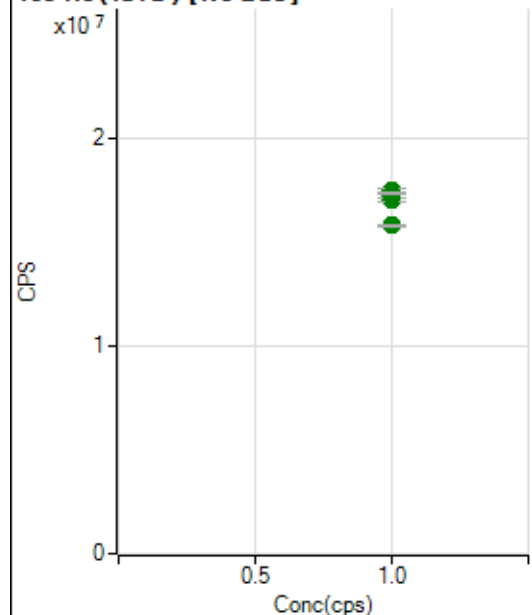
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1153464.53		P	0.9
2	☐	1.000		1167857.23		P	0.2
3	☐	1.000		1168245.35		P	0.2
4	☐	1.000		1164923.75		P	0.5
5	☐	1.000		1153125.17		P	0.3
6	☐	1.000		1129373.00		P	0.9
7	☐	1.000		1085201.04		P	0.2
8	☐	1.000		1022621.26		P	0.1

159 Tb (ISTD) [No Gas]

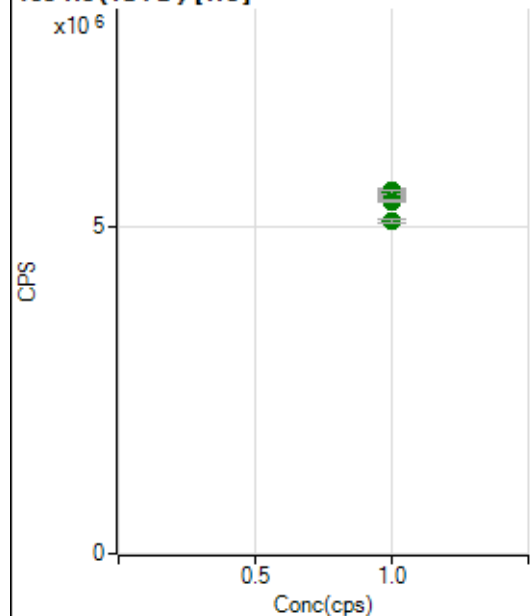
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		17451453.49		A	1.0
2	☐	1.000		17785441.54		A	0.7
3	☐	1.000		17924892.37		A	0.9
4	☐	1.000		17609731.96		A	0.3
5	☐	1.000		17964983.20		A	0.4
6	☐	1.000		17894333.21		A	0.5
7	☐	1.000		17640508.63		A	1.1
8	☐	1.000		16250062.67		A	0.4

159 Tb (ISTD) [He]

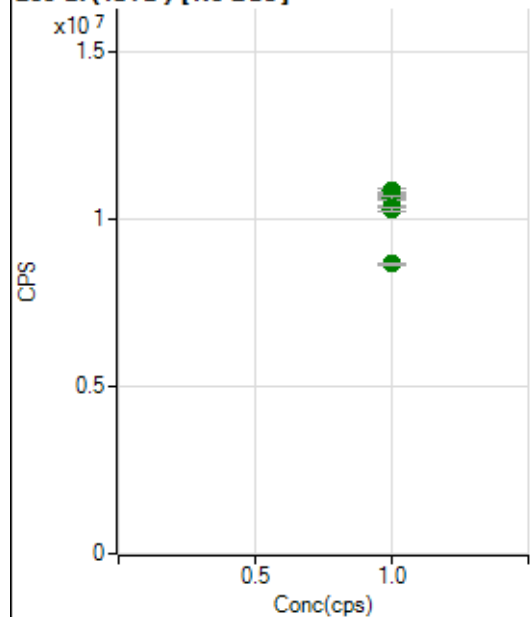
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5219058.57		A	1.4
2	☐	1.000		5221400.55		A	0.4
3	☐	1.000		5295678.22		A	1.5
4	☐	1.000		5251766.07		A	1.5
5	☐	1.000		5258499.82		A	1.4
6	☐	1.000		5298403.33		A	1.5
7	☐	1.000		5228535.62		A	0.8
8	☐	1.000		4908948.61		A	0.7

165 Ho (ISTD) [No Gas]

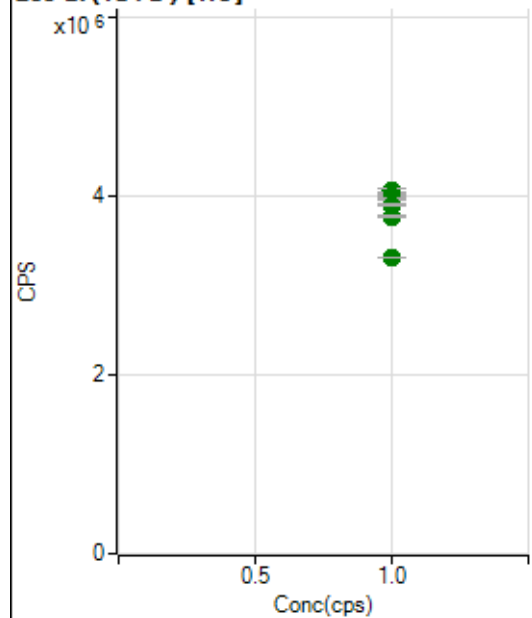
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		17084175.02		A	1.0
2	☐	1.000		17289820.16		A	1.0
3	☐	1.000		17472893.63		A	1.5
4	☐	1.000		17404167.66		A	0.9
5	☐	1.000		17500258.90		A	1.9
6	☐	1.000		17488841.13		A	1.1
7	☐	1.000		17371996.27		A	0.3
8	☐	1.000		15822921.29		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5421546.45		A	1.3
2	☐	1.000		5452073.95		A	0.1
3	☐	1.000		5507267.07		A	1.2
4	☐	1.000		5499847.56		A	0.8
5	☐	1.000		5549850.26		A	1.1
6	☐	1.000		5538299.36		A	1.3
7	☐	1.000		5392515.23		A	0.7
8	☐	1.000		5081071.59		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10827981.30		A	1.1
2	☐	1.000		10712837.48		A	0.9
3	☐	1.000		10761314.70		A	0.5
4	☐	1.000		10677083.80		A	1.2
5	☐	1.000		10616072.21		A	0.6
6	☐	1.000		10353750.96		A	0.4
7	☐	1.000		10269096.79		A	0.9
8	☐	1.000		8653213.34		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4035420.35		A	1.7
2	☐	1.000		4051800.53		A	1.0
3	☐	1.000		4001096.23		A	0.4
4	☐	1.000		3996726.92		A	0.3
5	☐	1.000		3956995.36		A	0.6
6	☐	1.000		3896520.81		A	1.0
7	☐	1.000		3767240.40		A	0.7
8	☐	1.000		3313668.18		A	0.2