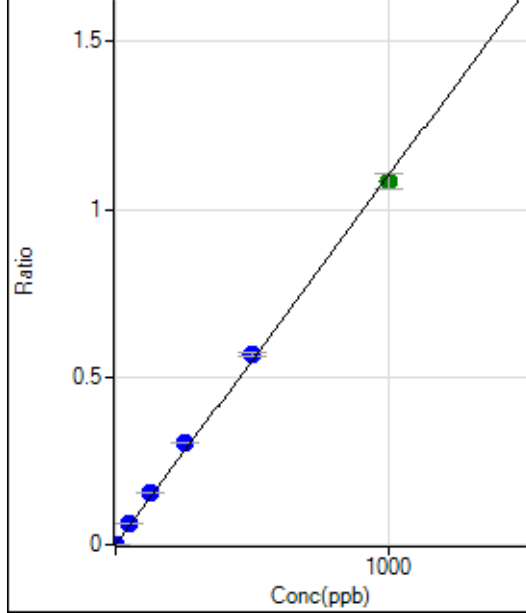


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7020325-MS1.b\
 Analysis File: P7020325-MS1.batch.bin
 DA Date-Time: 2025-02-06 01:22:50
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-03 17:12:03
2	005CALS.d	S02	2025-02-03 17:15:21
3	006CALS.d	S03	2025-02-03 17:18:40
4	007CALS.d	S04	2025-02-03 17:21:43
5	008CALS.d	S05	2025-02-03 17:24:39
6	009CALS.d	S06	2025-02-03 17:27:25
7	010CALS.d	S07	2025-02-03 17:30:12
8	011CALS.d	S08	2025-02-03 17:32:56

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0001	P	15.9
2	☐	1.000	1.232	1285.62	0.0014	P	10.8
3	☐	50.000	58.060	56282.62	0.0640	P	2.0
4	☐	125.000	139.451	140185.27	0.1536	P	0.3
5	☐	250.000	275.884	279072.12	0.3037	P	1.0
6	☐	500.000	516.367	539904.33	0.5684	P	1.6
7	☐	1000.000	983.136	1039712.27	1.0821	A	4.2
8	☐			622.24	0.0007	P	25.1

$$y = 0.0011 * x + 8.9431E-005$$

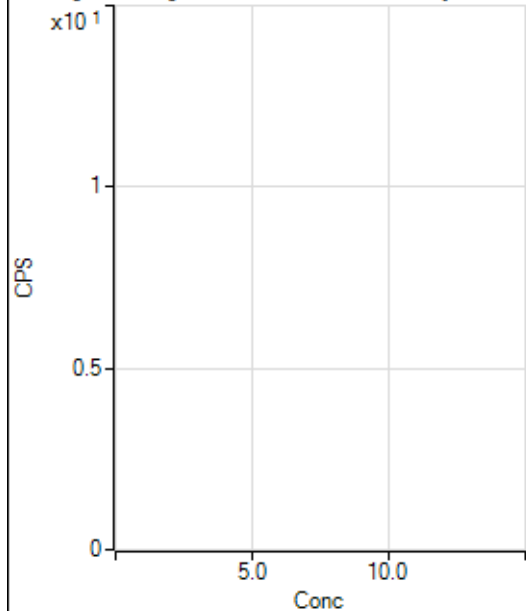
$$R = 0.9994$$

$$DL = 0.03877$$

$$BEC = 0.08126$$

Weight: <None>

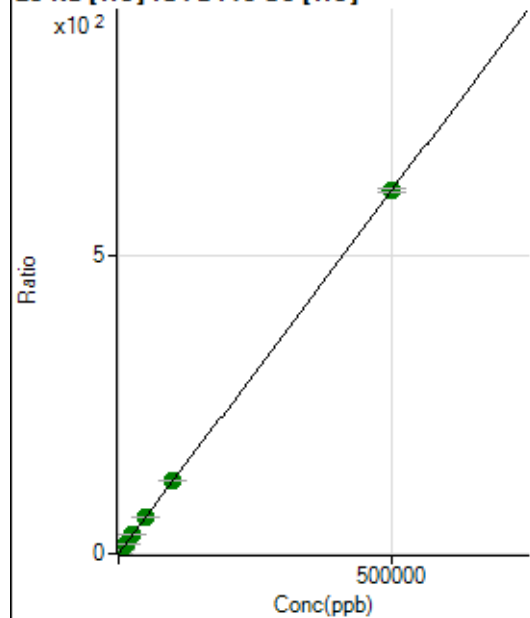
Min Conc: 0

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	17597.90	0.0376	P	1.1
2	☐	500.000	505.378	309848.38	0.6513	P	0.6
3	☐	5000.000	5159.788	2914665.34	6.3029	A	0.3
4	☐	12500.000	12694.502	6959231.84	15.4519	A	0.2
5	☐	25000.000	25215.337	13507023.27	30.6553	A	0.4
6	☐	50000.000	50584.274	26202708.78	61.4595	A	0.1
7	☐	100000.00	100054.41	52002479.22	121.5286	A	0.9
8	☐	500000.00	499913.45	257867967.2	607.0569	A	1.0

$$y = 0.0012 * x + 0.0376$$

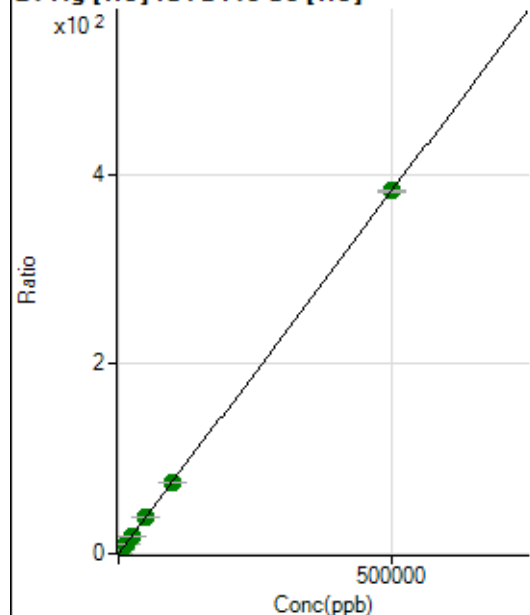
$$R = 1.0000$$

$$DL = 1.04$$

$$BEC = 30.97$$

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	1876.80	0.0040	P	3.2
2	☐	500.000	505.743	185740.84	0.3904	P	0.8
3	☐	5000.000	5072.423	1793954.82	3.8794	A	0.5
4	☐	12500.000	12469.561	4292589.59	9.5309	A	0.6
5	☐	25000.000	24808.541	8353369.87	18.9580	A	0.2
6	☐	50000.000	49429.095	16102016.85	37.7683	A	0.6
7	☐	100000.00	97527.263	31885215.91	74.5158	A	1.4
8	☐	500000.00	500561.24	162453419.8	382.4375	A	0.6

$$y = 7.6401\text{E-}004 * x + 0.0040$$

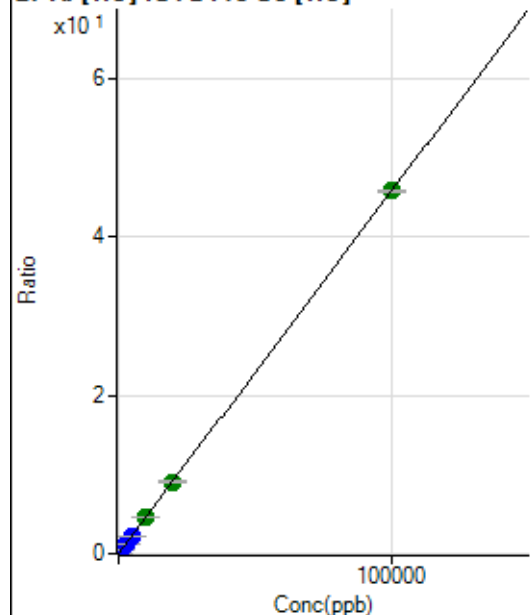
$$R = 1.0000$$

$$DL = 0.5038$$

$$BEC = 5.25$$

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	341.11	0.0007	P	15.9
2	☐	20.000	19.512	4599.62	0.0097	P	2.3
3	☐	1000.000	1021.209	216679.28	0.4686	P	0.2
4	☐	2500.000	2534.875	523344.52	1.1620	P	0.5
5	☐	5000.000	4952.465	999969.59	2.2695	P	0.6
6	☐	10000.000	10057.059	1964627.96	4.6080	A	1.0
7	☐	20000.000	19774.337	3876581.54	9.0597	A	1.4
8	☐	100000.00	100040.72	19468238.19	45.8311	A	0.8

$$y = 4.5812\text{E-}004 * x + 7.2918\text{E-}004$$

$$R = 1.0000$$

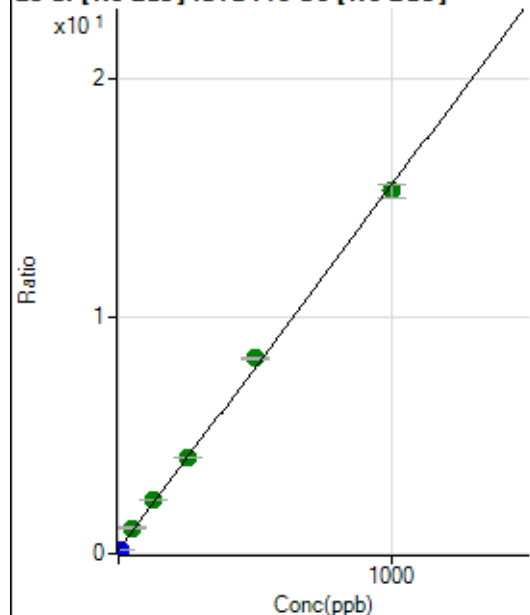
$$DL = 0.76$$

$$BEC = 1.592$$

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	782343.48	0.1639	P	1.4
2	☐	10.000	0.391	819515.24	0.1700	P	1.4
3	☐	50.000	60.295	5082109.47	1.0905	A	2.4
4	☐	125.000	137.157	10407216.79	2.2716	A	0.5
5	☐	250.000	253.736	18111223.90	4.0631	A	0.4
6	☐	500.000	524.997	35780772.24	8.2315	A	0.6
7	☐	1000.000	984.629	67247556.78	15.2946	A	3.9
8	☐			676170.37	0.1617	P	1.9

$$y = 0.0154 * x + 0.1639$$

$$R = 0.9993$$

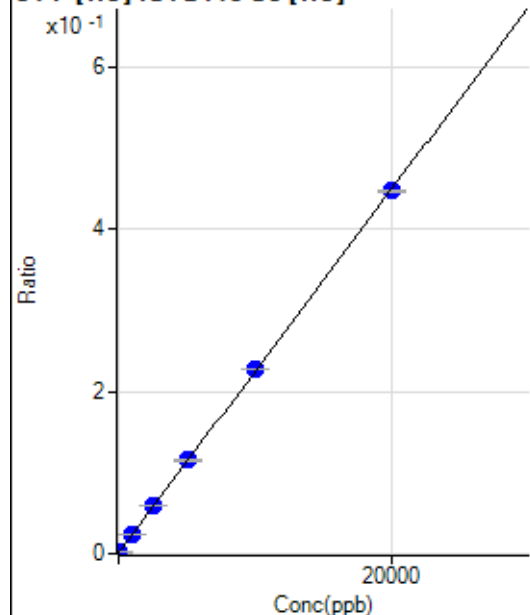
$$DL = 0.4337$$

$$BEC = 10.67$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.787	204.45	0.0004	P	1.5
2	☐	0.000	17.787	586.69	0.0012	P	3.5
3	☐	1000.000	1043.618	11188.64	0.0242	P	0.9
4	☐	2500.000	2587.780	26465.16	0.0588	P	2.1
5	☐	5000.000	5103.761	50703.66	0.1151	P	2.1
6	☐	10000.000	10086.942	96617.87	0.2266	P	0.1
7	☐	20000.000	19917.435	191129.56	0.4467	P	0.9
8	☐			283.34	0.0007	P	7.1

$$y = 2.2384E-005 * x + 8.3497E-004$$

$$R = 1.0000$$

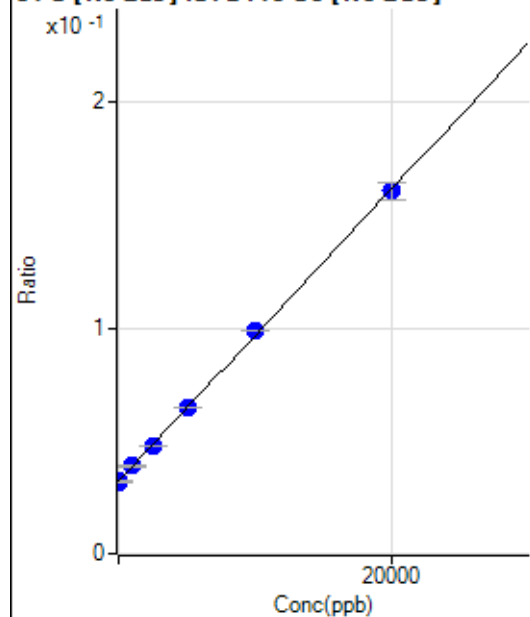
$$DL = 3.34$$

$$BEC = 37.3$$

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	28.230	153977.91	0.0323	P	1.2
2	☐	0.000	-28.230	153820.73	0.0319	P	1.2
3	☐	1000.000	1045.150	181080.26	0.0389	P	2.0
4	☐	2500.000	2421.285	218838.57	0.0478	P	0.5
5	☐	5000.000	5061.342	289146.35	0.0649	P	0.8
6	☐	10000.000	10263.746	428435.64	0.0986	P	0.3
7	☐	20000.000	19860.373	706545.75	0.1607	P	4.6
8	☐			121482.59	0.0291	P	2.1

$$y = 6.4774\text{E-}006 * x + 0.0321$$

R = 0.9998

DL = 177.6

BEC = 4953

Weight: <None>

Min Conc: 0

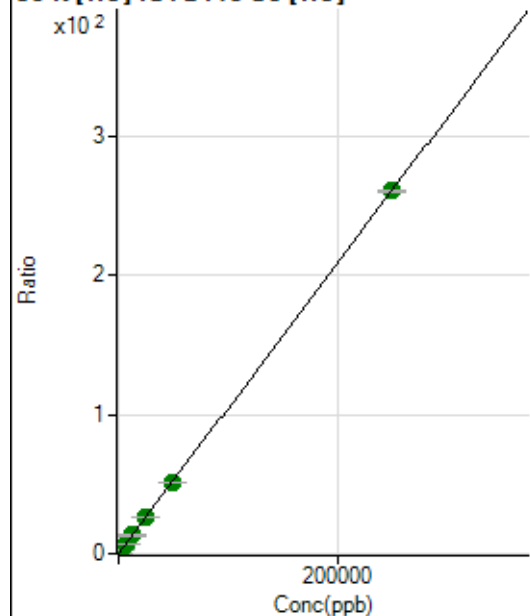
35 Cl [No Gas] No available calibration points



	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	54592.99	0.1167	P	1.1
2	☐	500.000	541.138	323568.19	0.6801	P	0.3
3	☐	2500.000	2573.994	1293303.38	2.7967	A	0.5
4	☐	6250.000	6335.248	3023372.94	6.7129	A	0.3
5	☐	12500.000	12513.894	5792588.25	13.1461	A	0.4
6	☐	25000.000	24577.507	10959838.17	25.7067	A	0.0
7	☐	50000.000	48949.924	21858611.90	51.0833	A	1.0
8	☐	250000.00	250248.61	110728998.3	260.6753	A	0.7

$$y = 0.0010 * x + 0.1167$$

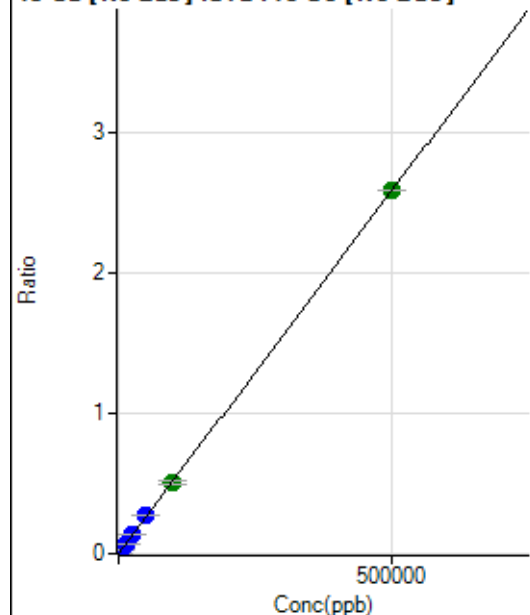
$$R = 1.0000$$

$$DL = 3.715$$

$$BEC = 112$$

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	505.57	0.0001	P	10.1
2	☐	500.000	530.248	13692.93	0.0028	P	1.4
3	☐	5000.000	5368.038	129465.05	0.0278	P	2.7
4	☐	12500.000	13228.308	312932.41	0.0683	P	0.5
5	☐	25000.000	26462.570	608603.13	0.1365	P	0.4
6	☐	50000.000	52040.506	1166659.48	0.2684	P	0.4
7	☐	100000.00	97280.610	2204762.24	0.5016	A	5.3
8	☐	500000.00	500244.78	10784030.53	2.5791	A	0.1

$$y = 5.1555\text{E-}006 * x + 1.0584\text{E-}004$$

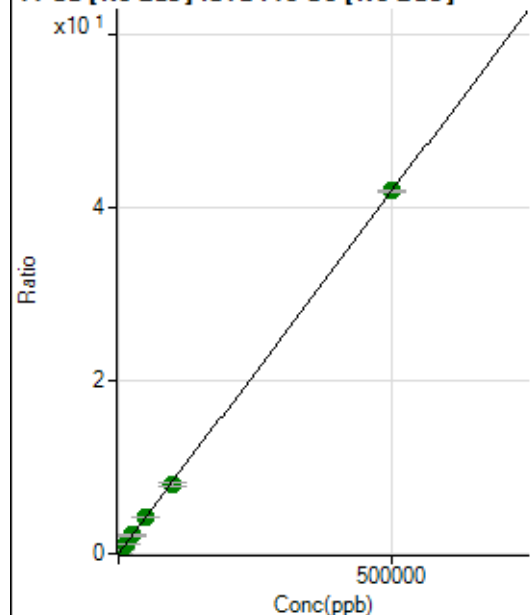
$$R = 1.0000$$

$$DL = 6.217$$

$$BEC = 20.53$$

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	10116.81	0.0021	P	3.8
2	☐	500.000	535.270	226270.12	0.0469	P	0.8
3	☐	5000.000	5117.916	2006194.62	0.4305	A	3.1
4	☐	12500.000	12676.036	4870705.55	1.0632	A	0.9
5	☐	25000.000	25238.092	9426188.47	2.1147	A	0.5
6	☐	50000.000	50085.345	18231887.09	4.1945	A	1.1
7	☐	100000.00	96468.374	35503746.41	8.0770	A	4.9
8	☐	500000.00	500680.27	175246290.7	41.9115	A	0.2

$$y = 8.3705\text{E-}005 * x + 0.0021$$

$$R = 1.0000$$

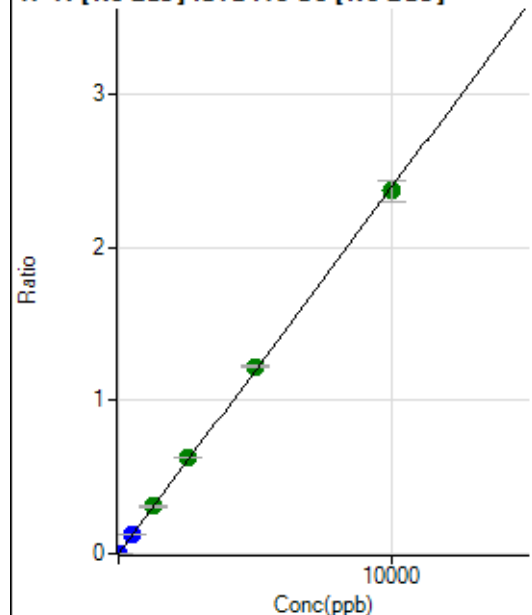
$$DL = 2.917$$

$$BEC = 25.32$$

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	98.89	0.0000	P	16.0
2	☐	5.000	5.376	6301.36	0.0013	P	3.0
3	☐	500.000	531.133	592204.69	0.1271	P	2.3
4	☐	1250.000	1290.547	1414337.77	0.3087	A	1.3
5	☐	2500.000	2607.723	2780635.23	0.6238	A	0.1
6	☐	5000.000	5117.131	5320730.89	1.2241	A	0.7
7	☐	10000.000	9907.878	10415968.66	2.3700	A	5.5
8	☐			4496.28	0.0011	P	21.8

$$y = 2.3920\text{E-}004 * x + 2.0698\text{E-}005$$

$$R = 0.9998$$

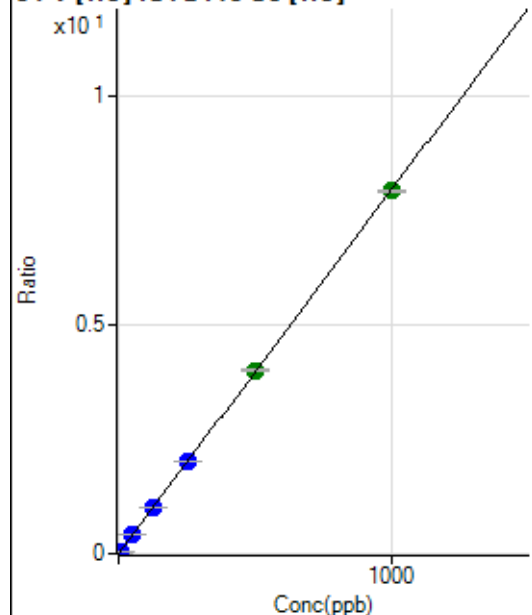
$$DL = 0.04152$$

$$BEC = 0.08653$$

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	8.89	0.0000	P	57.0
2	☐	5.000	5.118	19356.92	0.0407	P	1.1
3	☐	50.000	50.921	187109.12	0.4046	P	1.1
4	☐	125.000	126.431	452448.95	1.0046	P	0.5
5	☐	250.000	252.911	885465.37	2.0096	P	0.2
6	☐	500.000	503.968	1707217.72	4.0044	A	0.7
7	☐	1000.000	997.063	3390038.01	7.9223	A	0.7
8	☐			1582.32	0.0037	P	7.7

$$y = 0.0079 * x + 1.8929\text{E-}005$$

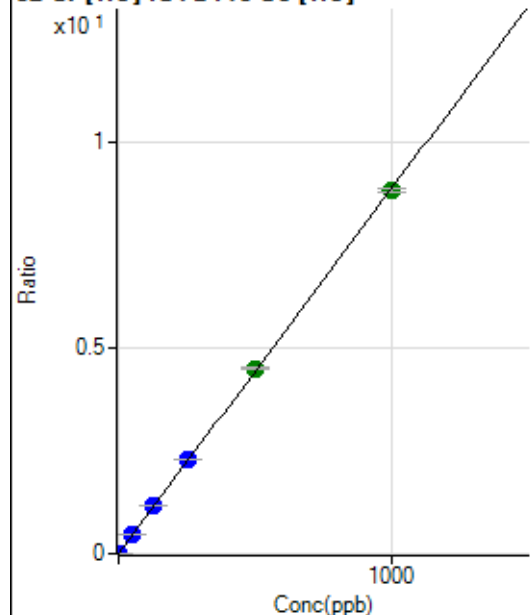
$$R = 1.0000$$

$$DL = 0.004072$$

$$BEC = 0.002382$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1002.26	0.0021	P	7.2
2	☐	2.000	2.100	9872.19	0.0208	P	1.1
3	☐	50.000	51.970	213940.74	0.4626	P	1.0
4	☐	125.000	129.115	516224.63	1.1462	P	0.1
5	☐	250.000	257.664	1006888.46	2.2852	P	0.6
6	☐	500.000	507.183	1916883.70	4.4961	A	0.6
7	☐	1000.000	993.880	3769237.27	8.8086	A	0.9
8	☐			9452.10	0.0223	P	0.9

$$y = 0.0089 * x + 0.0021$$

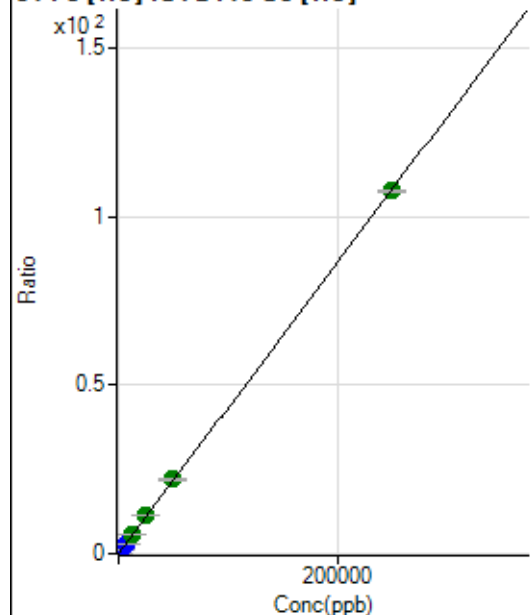
$$R = 0.9999$$

$$DL = 0.05233$$

$$BEC = 0.2418$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2705.83	0.0058	P	1.7
2	☐	50.000	55.609	14153.39	0.0297	P	1.8
3	☐	2500.000	2741.727	549100.20	1.1874	P	0.9
4	☐	6250.000	6781.818	1318986.77	2.9286	P	0.5
5	☐	12500.000	13280.012	2524511.11	5.7292	A	1.9
6	☐	25000.000	26300.907	4835122.39	11.3410	A	0.4
7	☐	50000.000	51226.087	9449291.18	22.0834	A	1.4
8	☐	250000.00	249569.97	45692912.10	107.5662	A	0.5

$$y = 4.3098E-004 * x + 0.0058$$

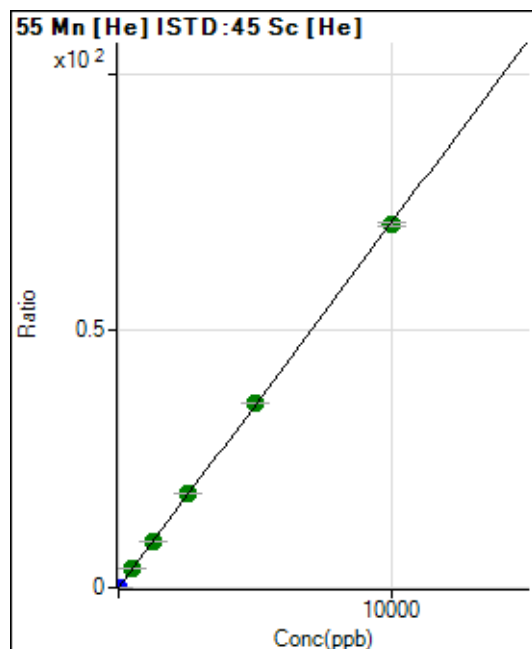
$$R = 1.0000$$

$$DL = 0.6986$$

$$BEC = 13.42$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	624.46	0.0013	P	11.4
2	☐	1.000	0.918	3739.40	0.0079	P	3.8
3	☐	500.000	518.402	1705073.71	3.6872	A	0.5
4	☐	1250.000	1282.860	4108524.42	9.1225	A	0.6
5	☐	2500.000	2582.349	8090699.60	18.3618	A	0.9
6	☐	5000.000	5075.528	15385943.24	36.0883	A	0.2
7	☐	10000.000	9936.621	30231332.61	70.6506	A	1.1
8	☐			21834.80	0.0514	P	3.2

$$y = 0.0071 * x + 0.0013$$

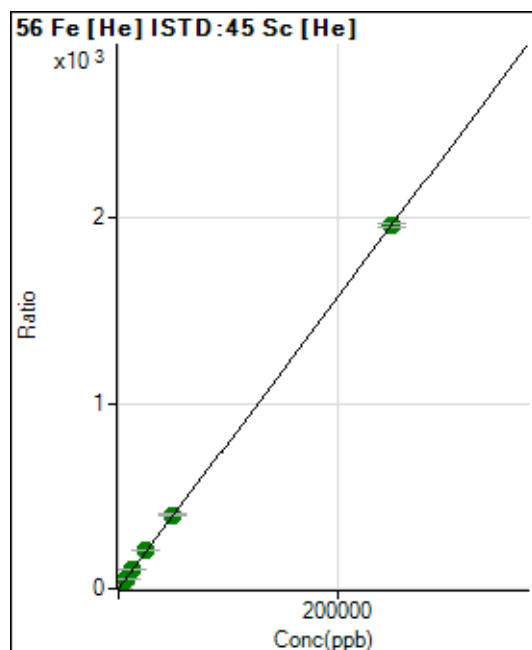
$$R = 0.9999$$

$$DL = 0.0641$$

$$BEC = 0.1877$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24203.99	0.0517	P	1.1
2	☐	50.000	54.439	227755.81	0.4787	P	0.5
3	☐	2500.000	2650.028	9635573.68	20.8365	A	0.7
4	☐	6250.000	6560.958	23199329.65	51.5107	A	0.4
5	☐	12500.000	13218.573	45703167.10	103.7278	A	0.5
6	☐	25000.000	25921.144	86699513.15	203.3568	A	0.3
7	☐	50000.000	50868.039	170743366.3	399.0207	A	0.7
8	☐	250000.00	249689.07	831880449.8	1,958.416	A	1.1

$$y = 0.0078 * x + 0.0517$$

$$R = 1.0000$$

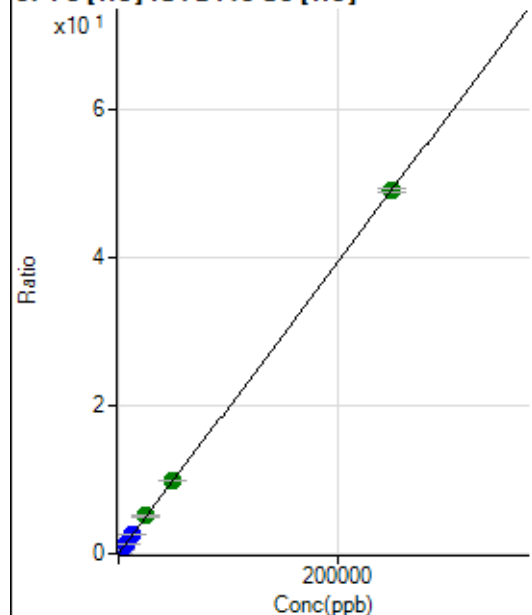
$$DL = 0.2192$$

$$BEC = 6.595$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1476.76	0.0032	P	8.4
2	☐	50.000	56.432	6773.80	0.0142	P	1.6
3	☐	2500.000	2701.884	246864.50	0.5338	P	0.6
4	☐	6250.000	6711.313	595099.44	1.3213	P	0.9
5	☐	12500.000	13458.931	1166144.11	2.6467	P	0.4
6	☐	25000.000	25888.369	2169219.15	5.0879	A	1.2
7	☐	50000.000	50380.936	4235695.39	9.8986	A	0.7
8	☐	250000.00	249773.47	20840357.33	49.0617	A	1.0

$$y = 1.9641\text{E-}004 * x + 0.0032$$

R = 1.0000

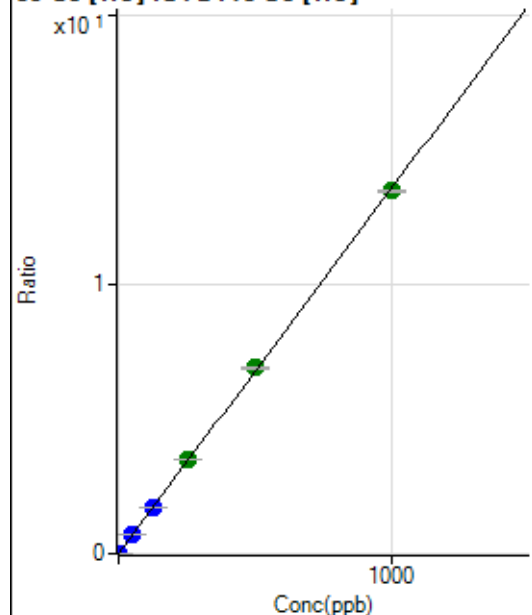
DL = 4.036

BEC = 16.06

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.45	0.0003	P	7.7
2	☐	1.000	1.059	6957.21	0.0146	P	2.3
3	☐	50.000	51.839	325020.28	0.7028	P	0.4
4	☐	125.000	127.402	777789.36	1.7270	P	0.3
5	☐	250.000	258.453	1543548.69	3.5031	A	0.1
6	☐	500.000	508.207	2936704.78	6.8881	A	0.5
7	☐	1000.000	993.391	5761261.93	13.4639	A	0.8
8	☐			16143.22	0.0380	P	2.0

$$y = 0.0136 * x + 2.6580\text{E-}004$$

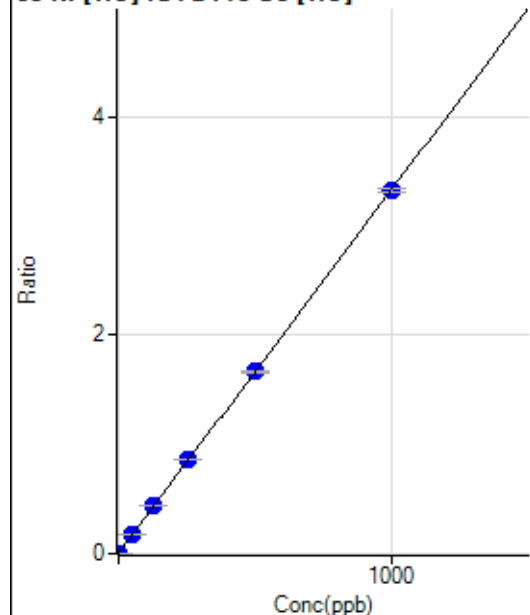
R = 0.9999

DL = 0.004514

BEC = 0.01961

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	1863.47	0.0040	P	5.3
2	☐	1.000	1.056	3566.01	0.0075	P	7.0
3	☐	50.000	52.947	83259.30	0.1800	P	0.8
4	☐	125.000	130.079	196605.12	0.4365	P	0.5
5	☐	250.000	259.287	381649.09	0.8662	P	0.6
6	☐	500.000	499.389	709697.53	1.6646	P	0.7
7	☐	1000.000	997.202	1420619.13	3.3200	P	1.1
8	☐			6942.77	0.0163	P	2.0

$$y = 0.0033 * x + 0.0040$$

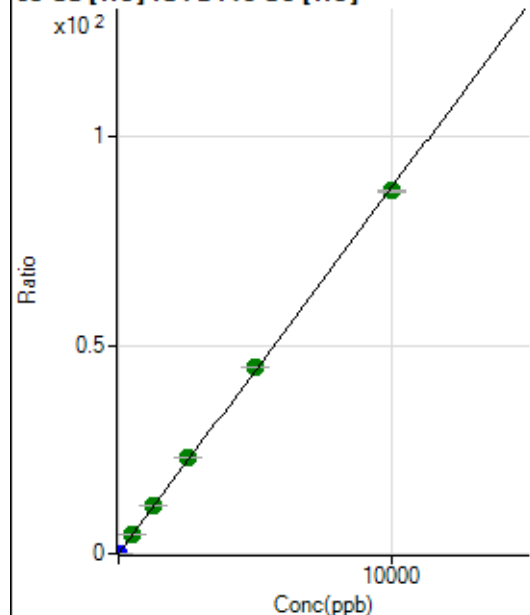
$$R = 0.9999$$

$$DL = 0.1906$$

$$BEC = 1.198$$

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	2700.27	0.0058	P	2.4
2	☐	2.000	2.135	11659.06	0.0245	P	1.5
3	☐	500.000	538.067	2185656.50	4.7265	A	0.9
4	☐	1250.000	1326.508	5244124.33	11.6438	A	1.6
5	☐	2500.000	2621.185	10134814.64	23.0025	A	0.8
6	☐	5000.000	5090.632	19043816.10	44.6680	A	0.3
7	☐	10000.000	9912.921	37217355.56	86.9759	A	0.8
8	☐			12494.20	0.0294	P	4.7

$$y = 0.0088 * x + 0.0058$$

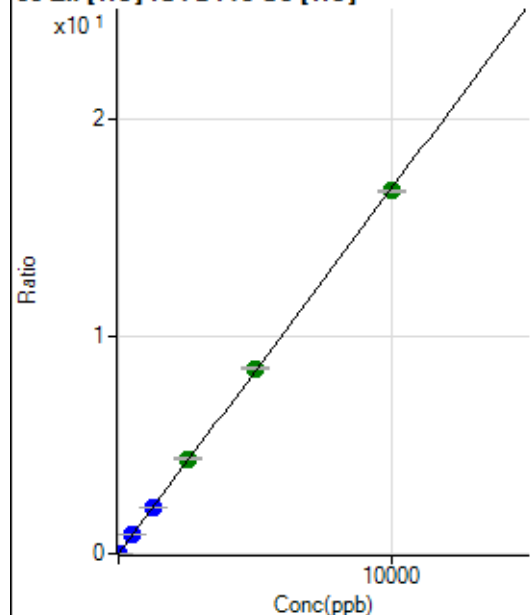
$$R = 0.9998$$

$$DL = 0.048$$

$$BEC = 0.6578$$

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	692.25	0.0015	P	2.9
2	☐	2.000	5.115	4799.71	0.0101	P	2.3
3	☐	500.000	508.506	396506.79	0.8574	P	0.2
4	☐	1250.000	1265.927	960372.59	2.1324	P	0.6
5	☐	2500.000	2602.746	1930904.47	4.3826	A	1.2
6	☐	5000.000	5078.117	3644902.51	8.5493	A	0.7
7	☐	10000.000	9932.838	7155091.91	16.7211	A	0.7
8	☐			4860.83	0.0114	P	3.0

$$y = 0.0017 * x + 0.0015$$

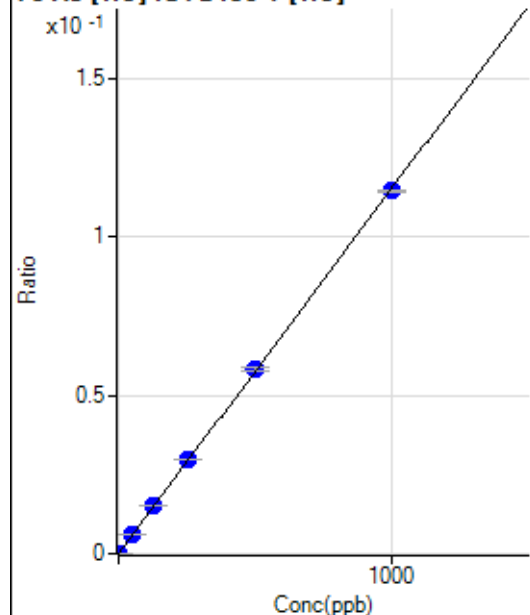
$$R = 0.9999$$

$$DL = 0.07728$$

$$BEC = 0.8786$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	96.1
2	☐	1.000	1.103	620.02	0.0001	P	4.3
3	☐	50.000	53.379	28673.28	0.0062	P	2.4
4	☐	125.000	130.790	69573.08	0.0151	P	1.0
5	☐	250.000	259.182	136226.86	0.0299	P	0.8
6	☐	500.000	504.981	258921.04	0.0582	P	1.5
7	☐	1000.000	994.321	512749.30	0.1147	P	0.5
8	☐			410.01	0.0001	P	6.4

$$y = 1.1532E-004 * x + 2.3665E-006$$

$$R = 0.9999$$

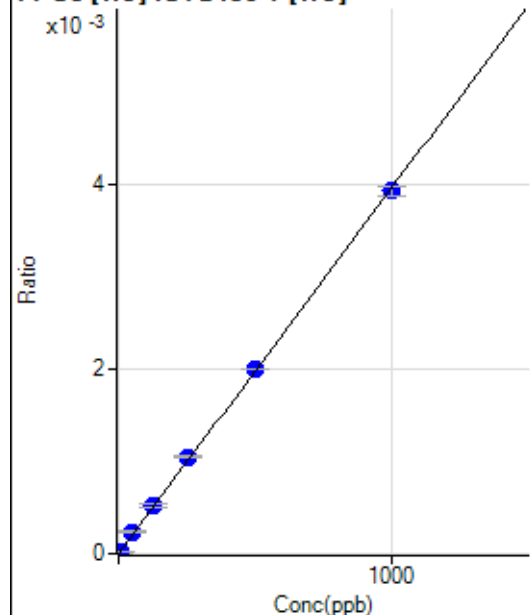
$$DL = 0.05916$$

$$BEC = 0.02052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.281	101.11	0.0000	P	27.7
3	☐	50.000	58.934	1086.72	0.0002	P	7.2
4	☐	125.000	129.311	2360.21	0.0005	P	7.8
5	☐	250.000	264.998	4778.59	0.0010	P	1.4
6	☐	500.000	504.785	8879.39	0.0020	P	0.0
7	☐	1000.000	992.871	17562.70	0.0039	P	2.6
8	☐			8.89	0.0000	P	21.7

$$y = 3.9555\text{E-}006 * x + 2.3580\text{E-}007$$

$$R = 0.9999$$

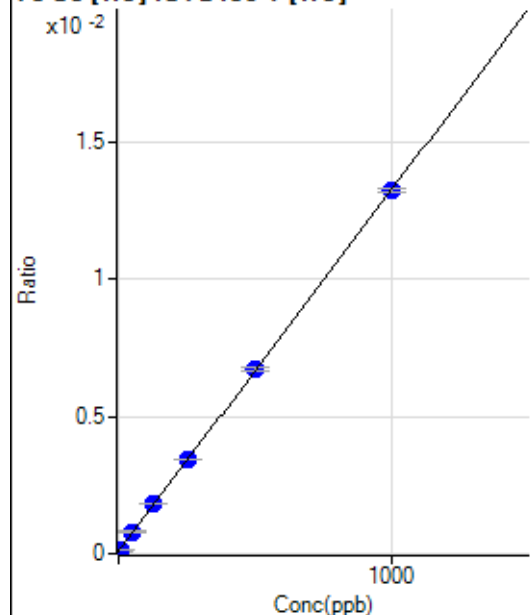
$$DL = 0.3098$$

$$BEC = 0.05961$$

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	435.57	0.0001	P	4.9
2	☐	5.000	5.594	796.70	0.0002	P	1.6
3	☐	50.000	53.669	3721.62	0.0008	P	4.0
4	☐	125.000	132.060	8444.69	0.0018	P	1.2
5	☐	250.000	253.394	15622.75	0.0034	P	0.6
6	☐	500.000	502.277	29803.38	0.0067	P	1.8
7	☐	1000.000	996.944	59090.40	0.0132	P	1.0
8	☐			405.56	0.0001	P	16.2

$$y = 1.3161\text{E-}005 * x + 9.2922\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.035$$

$$BEC = 7.06$$

Weight: <None>

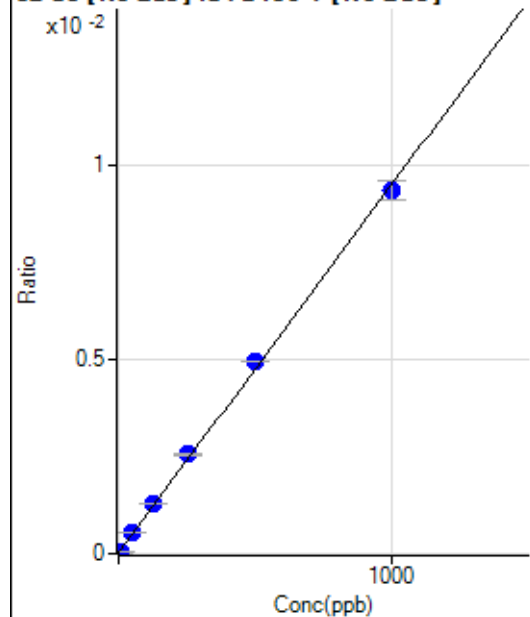
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16269.05		P	1.1
2	☐			15923.10		P	0.6
3	☐			15314.72		P	1.4
4	☐			14365.99		P	0.4
5	☐			14314.82		P	2.3
6	☐			14188.03		P	1.3
7	☐			13704.24		P	2.5
8	☐			14329.27		P	1.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			111.11		P	10.5
2	☐			90.00		P	16.1
3	☐			54.44		P	18.7
4	☐			81.11		P	8.6
5	☐			97.78		P	34.5
6	☐			83.33		P	24.0
7	☐			88.89		P	19.2
8	☐			94.44		P	19.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.92	0.0000	P	1.5
2	☐	5.000	5.368	1139.82	0.0001	P	3.4
3	☐	50.000	55.420	8288.26	0.0005	P	2.9
4	☐	125.000	134.898	19726.83	0.0013	P	0.7
5	☐	250.000	267.637	38530.90	0.0026	P	0.7
6	☐	500.000	520.671	73858.22	0.0050	P	0.2
7	☐	1000.000	983.745	141966.95	0.0093	P	5.3
8	☐			442.89	0.0000	P	4.1

$$y = 9.4734\text{E-}006 * x + 2.2078\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.1062$$

$$BEC = 2.33$$

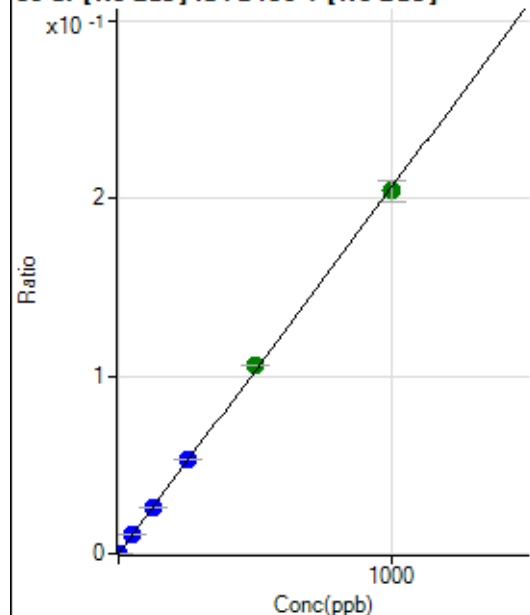
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			154.45		P	5.4
2	☐			168.89		P	22.2
3	☐			168.89		P	19.2
4	☐			136.67		P	14.8
5	☐			184.45		P	5.5
6	☐			158.89		P	10.3
7	☐			162.23		P	11.3
8	☐			215.56		P	11.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.89	0.0000	P	10.5
2	☐	1.000	1.002	3536.01	0.0002	P	1.2
3	☐	50.000	51.988	162599.87	0.0107	P	2.1
4	☐	125.000	128.333	401570.83	0.0265	P	0.2
5	☐	250.000	255.411	793204.14	0.0526	P	0.4
6	☐	500.000	514.821	1581667.96	0.1061	A	0.8
7	☐	1000.000	990.721	3102200.72	0.2042	A	6.0
8	☐			10509.39	0.0007	P	1.9

$$y = 2.0606\text{E-}004 * x + 1.9825\text{E-}005$$

$$R = 0.9998$$

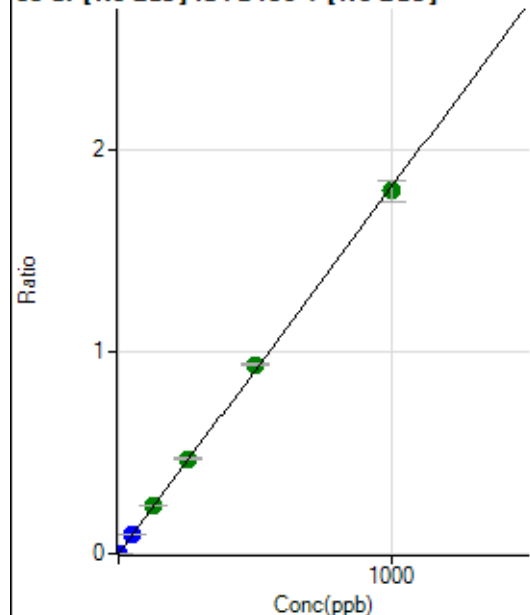
$$DL = 0.03026$$

$$BEC = 0.09621$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	440.01	0.0000	P	2.6
2	☐	1.000	0.984	28387.40	0.0018	P	1.1
3	☐	50.000	52.050	1434268.16	0.0947	P	2.0
4	☐	125.000	130.679	3605914.81	0.2376	A	0.6
5	☐	250.000	259.071	7097150.10	0.4711	A	0.9
6	☐	500.000	515.460	13971785.49	0.9373	A	0.9
7	☐	1000.000	989.190	27330310.15	1.7986	A	5.8
8	☐			90294.84	0.0064	P	2.3

$$y = 0.0018 * x + 2.8248\text{E-}005$$

$$R = 0.9998$$

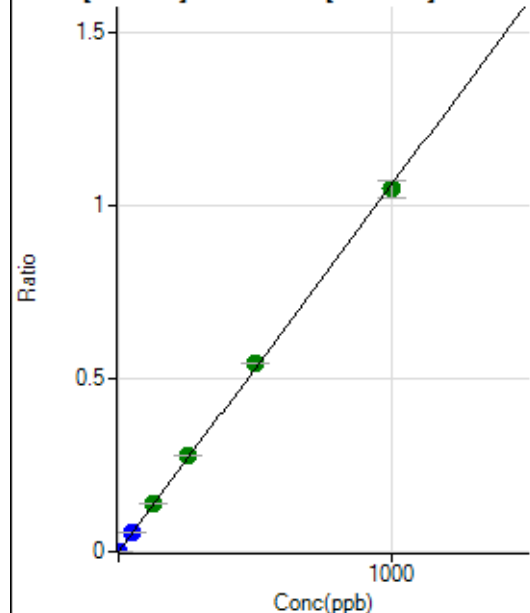
$$DL = 0.001196$$

$$BEC = 0.01554$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	503.34	0.0000	P	5.9
2	☐	1.000	1.010	17251.33	0.0011	P	0.5
3	☐	50.000	52.449	843479.74	0.0557	P	1.9
4	☐	125.000	131.438	2116309.61	0.1395	A	0.6
5	☐	250.000	262.611	4197643.30	0.2786	A	1.1
6	☐	500.000	513.397	8119267.31	0.5447	A	0.5
7	☐	1000.000	989.222	15949615.32	1.0494	A	5.1
8	☐			32812.23	0.0023	P	4.0

$$y = 0.0011 * x + 3.2314E-005$$

$$R = 0.9998$$

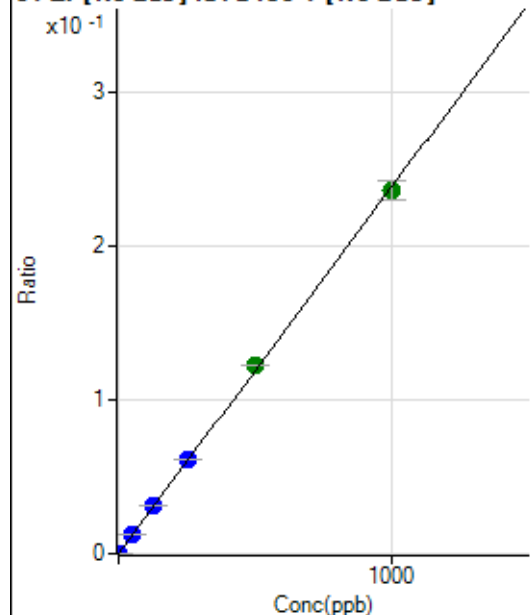
$$DL = 0.005359$$

$$BEC = 0.03046$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	8.8
2	☐	1.000	0.995	3803.86	0.0002	P	1.4
3	☐	50.000	52.960	191253.39	0.0126	P	1.5
4	☐	125.000	129.562	468449.94	0.0309	P	0.2
5	☐	250.000	257.586	924593.05	0.0614	P	0.3
6	☐	500.000	514.911	1828668.07	0.1227	A	0.6
7	☐	1000.000	989.930	3584111.47	0.2358	A	5.3
8	☐			7255.19	0.0005	P	4.7

$$y = 2.3823E-004 * x + 6.4198E-006$$

$$R = 0.9998$$

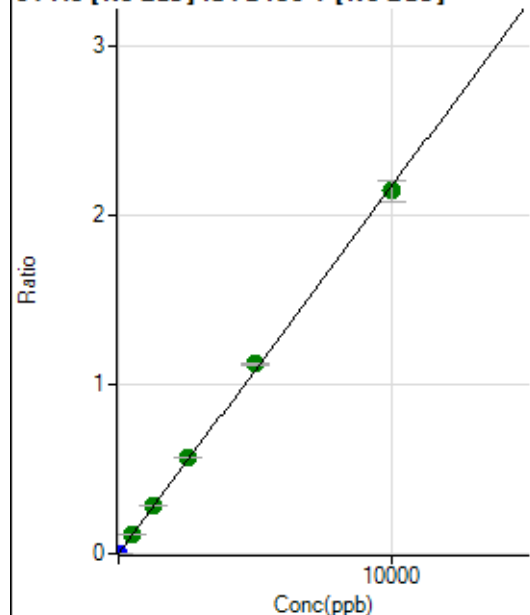
$$DL = 0.007154$$

$$BEC = 0.02695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.01	0.0000	P	8.4
2	☐	5.000	6.108	20980.61	0.0013	P	0.6
3	☐	500.000	533.047	1752483.43	0.1157	A	1.4
4	☐	1250.000	1317.398	4337357.44	0.2858	A	0.5
5	☐	2500.000	2618.418	8558858.07	0.5681	A	0.3
6	☐	5000.000	5161.957	16694696.14	1.1199	A	0.7
7	☐	10000.000	9879.339	32569470.07	2.1434	A	5.8
8	☐			24953.69	0.0018	P	11.0

$$y = 2.1696E-004 * x + 1.7337E-005$$

$$R = 0.9997$$

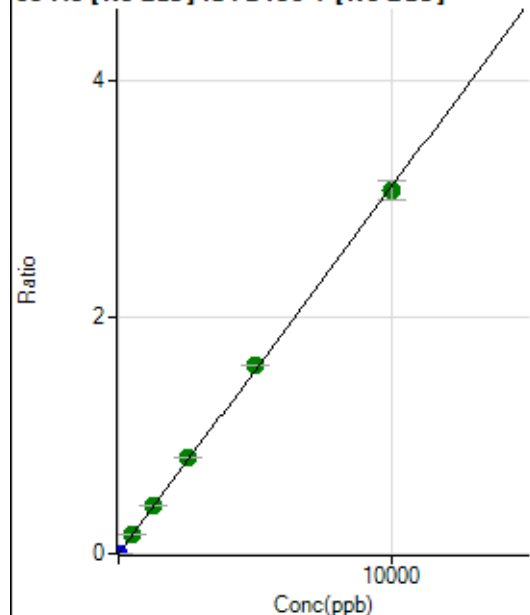
$$DL = 0.02012$$

$$BEC = 0.07991$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0000	P	2.8
2	☐	5.000	5.191	25323.07	0.0016	P	1.8
3	☐	500.000	535.447	2517722.50	0.1662	A	1.3
4	☐	1250.000	1309.590	6166786.65	0.4064	A	1.1
5	☐	2500.000	2619.738	12248017.46	0.8130	A	0.4
6	☐	5000.000	5146.855	23809107.98	1.5972	A	0.4
7	☐	10000.000	9887.417	46629322.64	3.0683	A	5.3
8	☐			21705.32	0.0015	P	16.0

$$y = 3.1032E-004 * x + 9.5572E-006$$

$$R = 0.9998$$

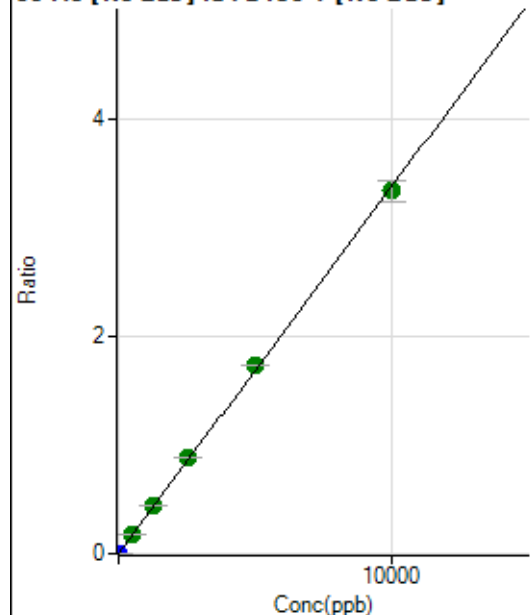
$$DL = 0.002576$$

$$BEC = 0.0308$$

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	217.78	0.0000	P	20.5
2	☐	5.000	5.276	28051.39	0.0018	P	0.8
3	☐	500.000	531.326	2717756.04	0.1794	A	1.7
4	☐	1250.000	1302.918	6674399.28	0.4399	A	0.9
5	☐	2500.000	2627.459	13363235.49	0.8870	A	0.7
6	☐	5000.000	5141.010	25871083.50	1.7355	A	0.7
7	☐	10000.000	9889.449	50733534.80	3.3385	A	5.5
8	☐			34060.06	0.0024	P	11.9

$$y = 3.3758\text{E-}004 * x + 1.3987\text{E-}005$$

$$R = 0.9998$$

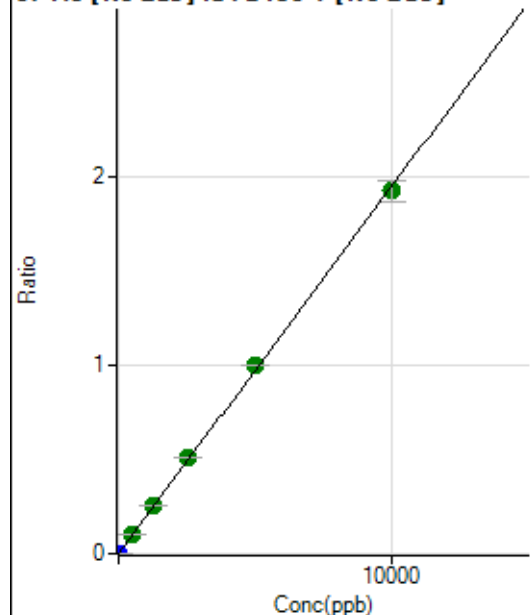
$$DL = 0.02544$$

$$BEC = 0.04143$$

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	77.78	0.0000	P	13.6
2	☐	5.000	5.100	15615.08	0.0010	P	2.5
3	☐	500.000	530.806	1567626.82	0.1035	A	2.1
4	☐	1250.000	1310.303	3875682.82	0.2554	A	0.2
5	☐	2500.000	2616.493	7683846.69	0.5100	A	0.4
6	☐	5000.000	5155.806	14981371.17	1.0050	A	0.1
7	☐	10000.000	9883.895	29277837.06	1.9266	A	5.5
8	☐			13837.91	0.0010	P	17.2

$$y = 1.9492\text{E-}004 * x + 4.9922\text{E-}006$$

$$R = 0.9997$$

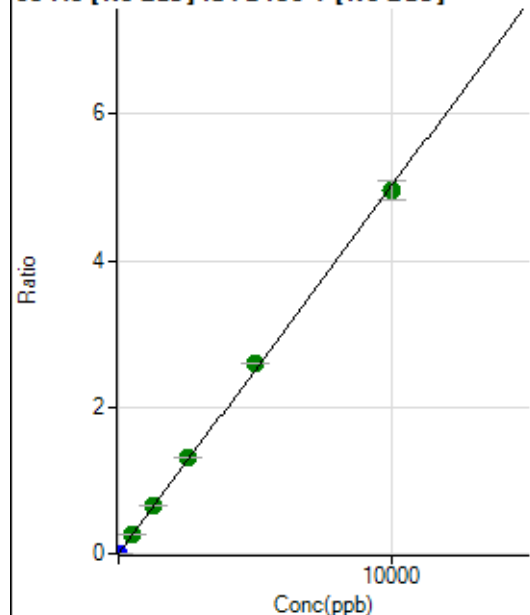
$$DL = 0.01045$$

$$BEC = 0.02561$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.11	0.0000	P	6.2
2	☐	5.000	5.221	41142.24	0.0026	P	1.0
3	☐	500.000	529.911	4027967.82	0.2659	A	2.4
4	☐	1250.000	1311.356	9983024.78	0.6579	A	0.7
5	☐	2500.000	2631.191	19887434.84	1.3200	A	0.1
6	☐	5000.000	5171.905	38678672.48	2.5947	A	0.5
7	☐	10000.000	9872.085	75265371.10	4.9527	A	5.4
8	☐			34772.47	0.0025	P	19.4

$$y = 5.0169\text{E-}004 * x + 1.3551\text{E-}005$$

$$R = 0.9997$$

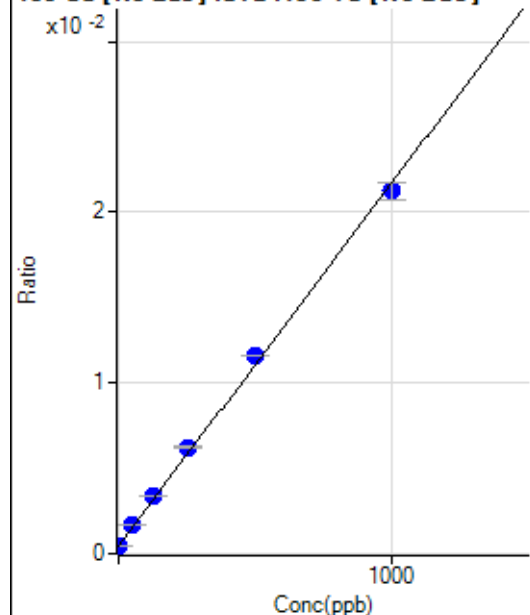
$$DL = 0.005011$$

$$BEC = 0.02701$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5054.26	0.0004	P	1.7
2	☐	1.000	1.173	5344.37	0.0005	P	0.7
3	☐	50.000	56.571	18508.53	0.0016	P	1.9
4	☐	125.000	139.599	38707.08	0.0034	P	1.1
5	☐	250.000	272.743	71582.89	0.0062	P	0.4
6	☐	500.000	526.151	134394.38	0.0116	P	0.5
7	☐	1000.000	979.085	253484.87	0.0212	P	4.9
8	☐			4744.15	0.0004	P	2.5

$$y = 2.1236\text{E-}005 * x + 4.4759\text{E-}004$$

$$R = 0.9991$$

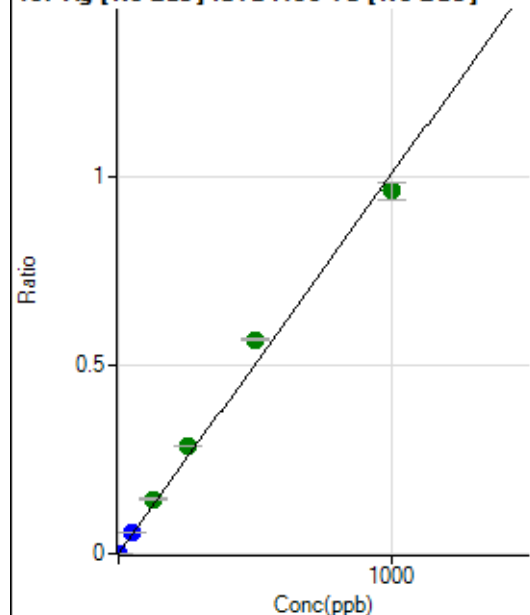
$$DL = 1.086$$

$$BEC = 21.08$$

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	84.44	0.0000	P	12.1
2	☐	1.000	1.078	12354.23	0.0011	P	0.2
3	☐	50.000	57.832	653343.07	0.0582	P	1.1
4	☐	125.000	144.227	1646436.19	0.1451	A	2.1
5	☐	250.000	284.651	3286381.20	0.2865	A	0.4
6	☐	500.000	564.813	6573339.76	0.5684	A	1.2
7	☐	1000.000	956.136	11483325.80	0.9622	A	5.0
8	☐			5292.13	0.0005	P	14.4

$$y = 0.0010 * x + 7.4778E-006$$

$$R = 0.9960$$

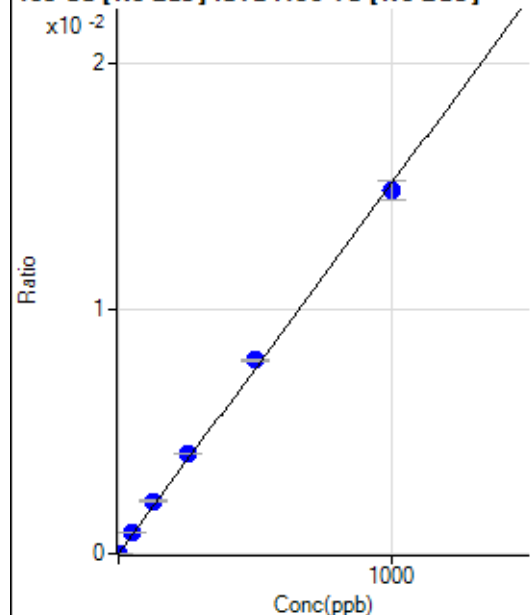
$$DL = 0.002687$$

$$BEC = 0.007431$$

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	13.33	0.0000	P	24.1
2	☐	1.000	1.068	195.56	0.0000	P	10.3
3	☐	50.000	56.027	9504.30	0.0008	P	1.9
4	☐	125.000	141.589	24251.44	0.0021	P	2.2
5	☐	250.000	270.929	46922.27	0.0041	P	0.3
6	☐	500.000	523.334	91354.05	0.0079	P	0.9
7	☐	1000.000	980.726	176635.46	0.0148	P	5.4
8	☐			123.33	0.0000	P	15.3

$$y = 1.5092E-005 * x + 1.1788E-006$$

$$R = 0.9993$$

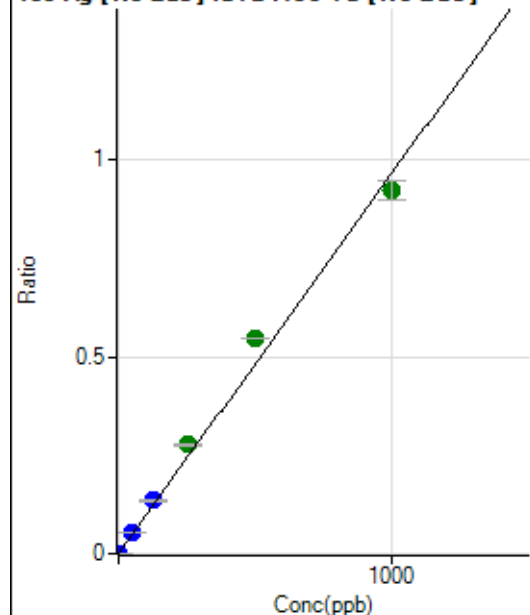
$$DL = 0.05655$$

$$BEC = 0.07811$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	11.3
2	☐	1.000	1.100	12025.09	0.0011	P	0.8
3	☐	50.000	57.096	617680.67	0.0550	P	1.2
4	☐	125.000	139.594	1526214.01	0.1345	P	0.7
5	☐	250.000	286.608	3168894.88	0.2762	A	0.9
6	☐	500.000	566.383	6312811.02	0.5458	A	0.3
7	☐	1000.000	955.477	10988472.33	0.9208	A	5.4
8	☐			5146.53	0.0005	P	17.0

$$y = 9.6374\text{E-}004 * x + 2.8520\text{E-}006$$

$$R = 0.9958$$

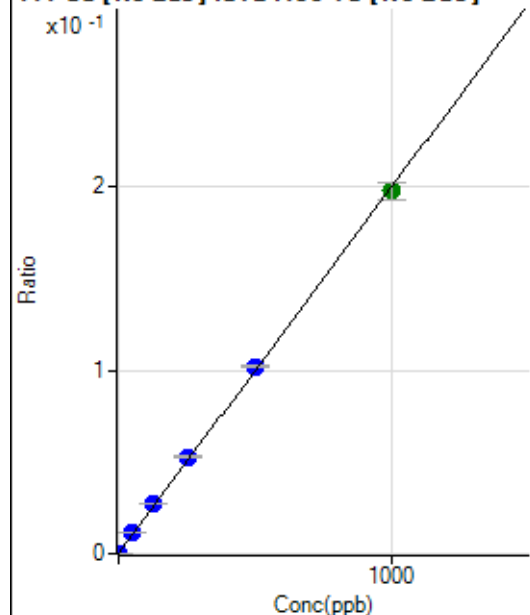
$$DL = 0.001$$

$$BEC = 0.002959$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1018.19	0.0001	P	2.8
2	☐	1.000	1.140	3598.92	0.0003	P	1.5
3	☐	50.000	55.799	126232.01	0.0112	P	1.2
4	☐	125.000	134.875	306920.40	0.0271	P	0.9
5	☐	250.000	264.390	607438.88	0.0529	P	1.1
6	☐	500.000	510.304	1180949.99	0.1021	P	0.4
7	☐	1000.000	989.726	2362524.60	0.1980	A	5.1
8	☐			1990.33	0.0002	P	11.6

$$y = 1.9993\text{E-}004 * x + 9.0173\text{E-}005$$

$$R = 0.9998$$

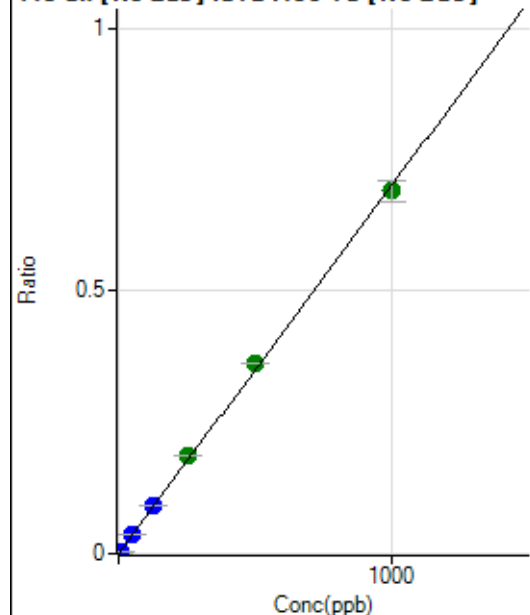
$$DL = 0.0383$$

$$BEC = 0.451$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1077.83	0.0001	P	5.3
2	☐	5.000	5.360	43495.45	0.0038	P	2.5
3	☐	50.000	53.438	420781.35	0.0375	P	0.8
4	☐	125.000	130.506	1036992.05	0.0914	P	1.1
5	☐	250.000	266.144	2137575.32	0.1863	A	0.6
6	☐	500.000	517.829	4191582.92	0.3624	A	0.7
7	☐	1000.000	986.187	8234706.06	0.6901	A	5.8
8	☐			5013.15	0.0005	P	12.5

$$y = 6.9971\text{E-}004 * x + 9.5471\text{E-}005$$

$$R = 0.9996$$

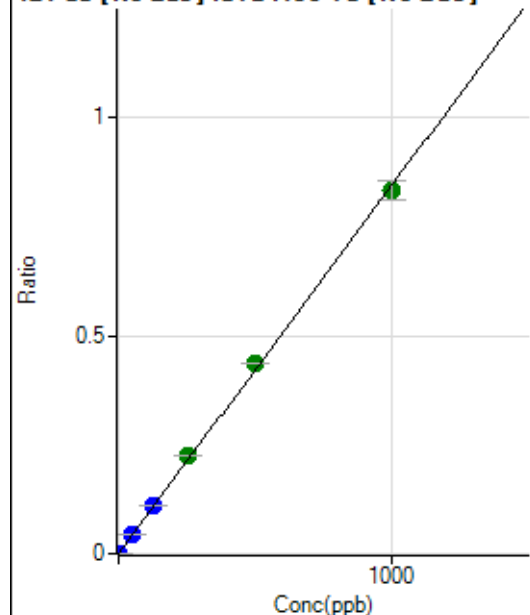
$$DL = 0.02175$$

$$BEC = 0.1364$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.55	0.0000	P	34.1
2	☐	2.000	2.088	19946.13	0.0018	P	0.7
3	☐	50.000	52.946	500932.18	0.0446	P	0.9
4	☐	125.000	130.373	1246560.48	0.1099	P	0.6
5	☐	250.000	266.321	2575098.73	0.2245	A	0.4
6	☐	500.000	517.588	5045024.37	0.4362	A	0.2
7	☐	1000.000	986.307	9919862.77	0.8313	A	5.3
8	☐			6638.27	0.0006	P	11.1

$$y = 8.4280\text{E-}004 * x + 4.0289\text{E-}006$$

$$R = 0.9996$$

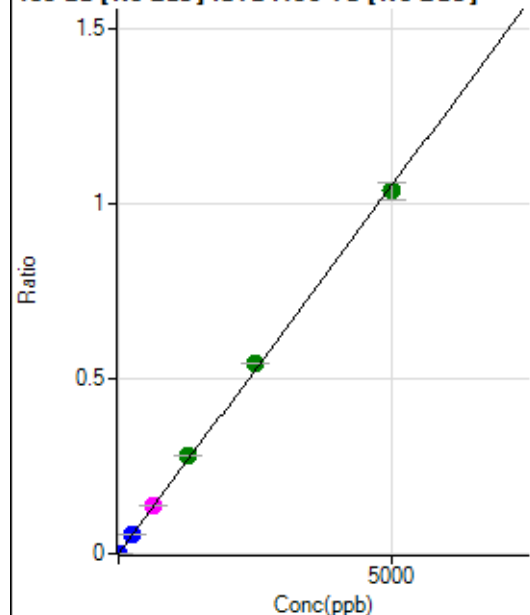
$$DL = 0.004891$$

$$BEC = 0.00478$$

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	105.56	0.0000	P	26.2
2	☐	10.000	10.754	25636.44	0.0023	P	0.7
3	☐	250.000	261.130	615337.10	0.0548	P	0.5
4	☐	625.000	649.276	1546287.08	0.1363	M	1.8
5	☐	1250.000	1328.919	3200103.08	0.2789	A	1.1
6	☐	2500.000	2587.121	6280265.60	0.5430	A	0.6
7	☐	5000.000	4933.117	12357942.18	1.0354	A	4.9
8	☐			8105.72	0.0008	P	12.5

$$y = 2.0990\text{E-}004 * x + 9.3582\text{E-}006$$

$$R = 0.9996$$

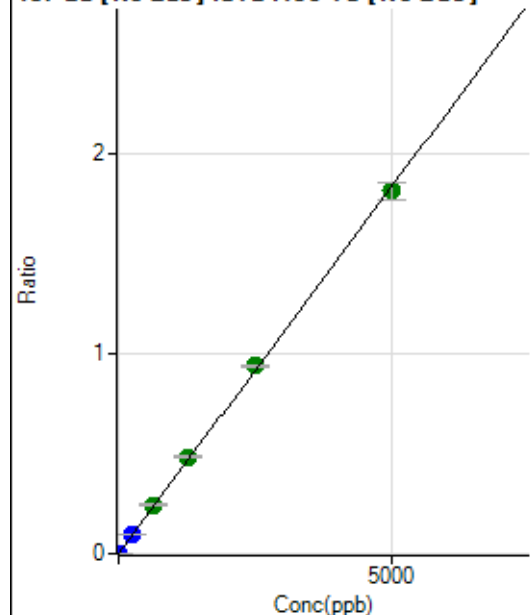
$$DL = 0.03511$$

$$BEC = 0.04458$$

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	163.34	0.0000	P	18.9
2	☐	10.000	10.415	43428.25	0.0038	P	0.8
3	☐	250.000	258.726	1066726.65	0.0950	P	0.7
4	☐	625.000	668.277	2784428.98	0.2454	A	0.6
5	☐	1250.000	1322.286	5571296.10	0.4856	A	1.1
6	☐	2500.000	2559.375	10870682.34	0.9400	A	0.6
7	☐	5000.000	4946.394	21679861.90	1.8166	A	5.0
8	☐			14310.69	0.0013	P	12.8

$$y = 3.6725\text{E-}004 * x + 1.4446\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02225$$

$$BEC = 0.03933$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

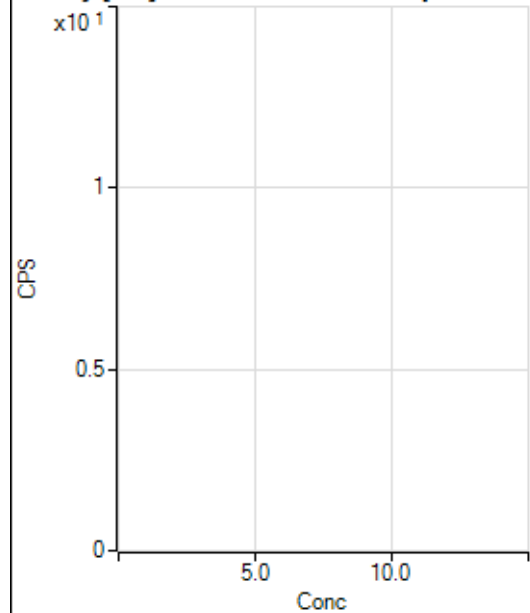
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			7.78		P	107.
3	☐			63.33		P	13.9
4	☐			130.00		P	7.7
5	☐			246.67		P	1.3
6	☐			460.01		P	5.8
7	☐			904.49		P	5.5
8	☐			225.56		P	12.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	173.
3	☐			21.11		P	36.5
4	☐			56.66		P	27.0
5	☐			60.00		P	14.7
6	☐			148.89		P	11.5
7	☐			322.23		P	10.4
8	☐			134.45		P	8.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			18.89		P	10.2
3	☐			25.56		P	19.9
4	☐			45.55		P	15.2
5	☐			68.89		P	26.7
6	☐			148.89		P	12.9
7	☐			312.23		P	3.1
8	☐			338.89		P	6.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			4.44		P	114.
3	☐			55.56		P	22.7
4	☐			110.00		P	13.9
5	☐			202.23		P	20.3
6	☐			370.01		P	3.9
7	☐			784.48		P	1.4
8	☐			303.34		P	11.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.34		P	48.0
2	☐			51.11		P	33.5
3	☐			42.22		P	16.4
4	☐			68.89		P	7.4
5	☐			68.89		P	12.2
6	☐			134.45		P	12.7
7	☐			211.12		P	18.2
8	☐			356.68		P	4.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			472.24		P	6.0
2	☐			462.24		P	9.0
3	☐			512.24		P	11.5
4	☐			472.23		P	7.9
5	☐			452.23		P	9.9
6	☐			457.79		P	5.5
7	☐			511.12		P	4.3
8	☐			690.02		P	5.0

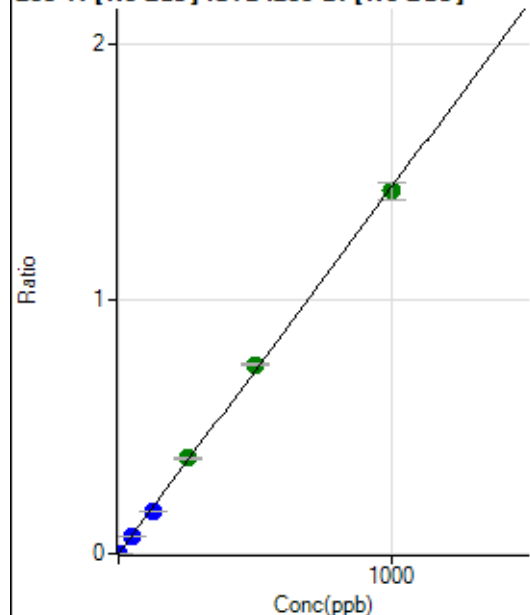
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	13.9
2	☐			60.00		P	34.7
3	☐			63.33		P	22.9
4	☐			93.33		P	12.9
5	☐			138.89		P	27.7
6	☐			167.78		P	7.0
7	☐			272.23		P	11.6
8	☐			391.12		P	9.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	22.4
2	☐			43.33		P	27.7
3	☐			54.44		P	25.5
4	☐			58.89		P	17.3
5	☐			66.67		P	22.9
6	☐			123.34		P	25.8
7	☐			196.67		P	7.4
8	☐			354.45		P	12.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	20.2
2	☐	1.000	0.935	9116.48	0.0014	P	2.3
3	☐	50.000	48.356	457407.29	0.0696	P	2.5
4	☐	125.000	117.572	1148101.34	0.1693	P	0.9
5	☐	250.000	260.630	2552847.39	0.3752	A	0.7
6	☐	500.000	516.212	5071552.67	0.7431	A	0.6
7	☐	1000.000	990.247	9917946.10	1.4255	A	4.6
8	☐			4259.62	0.0007	P	20.0

$$y = 0.0014 * x + 2.1603E-005$$

$$R = 0.9997$$

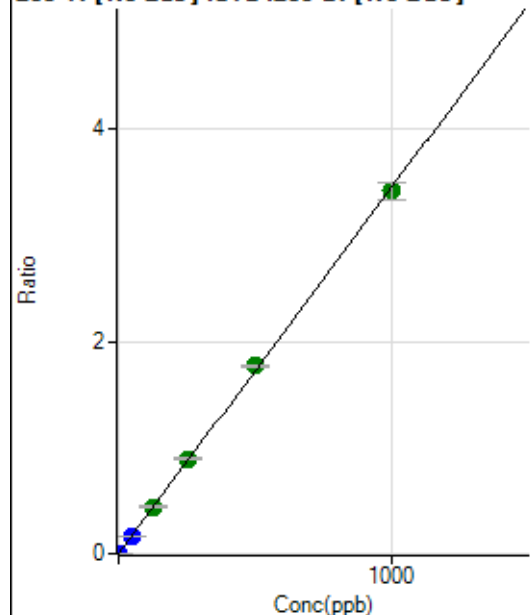
$$DL = 0.009102$$

$$BEC = 0.01501$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.01	0.0000	P	3.3
2	☐	1.000	0.944	22031.27	0.0033	P	0.8
3	☐	50.000	47.667	1080783.45	0.1645	P	2.1
4	☐	125.000	128.345	3004031.90	0.4429	A	1.2
5	☐	250.000	258.631	6072039.42	0.8925	A	1.3
6	☐	500.000	512.988	12080075.38	1.7701	A	0.8
7	☐	1000.000	991.047	23792166.87	3.4197	A	4.6
8	☐			9810.35	0.0017	P	14.9

$$y = 0.0035 * x + 4.9315E-005$$

$$R = 0.9998$$

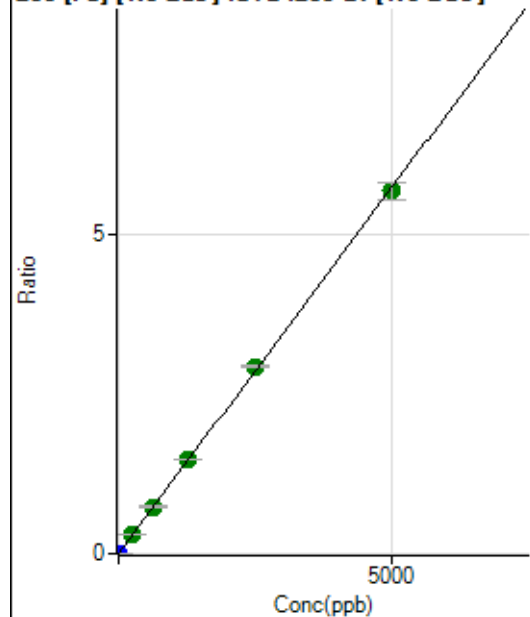
$$DL = 0.001426$$

$$BEC = 0.01429$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	824.48	0.0001	P	11.0
2	☐	1.000	0.907	7743.39	0.0012	P	1.2
3	☐	250.000	258.542	1944772.40	0.2961	A	2.7
4	☐	625.000	641.307	4979700.79	0.7342	A	1.2
5	☐	1250.000	1291.005	10054899.09	1.4779	A	0.9
6	☐	2500.000	2556.731	19972487.76	2.9266	A	0.8
7	☐	5000.000	4958.918	39492492.74	5.6763	A	4.6
8	☐			15333.40	0.0026	P	17.3

$$y = 0.0011 * x + 1.2317E-004$$

$$R = 0.9999$$

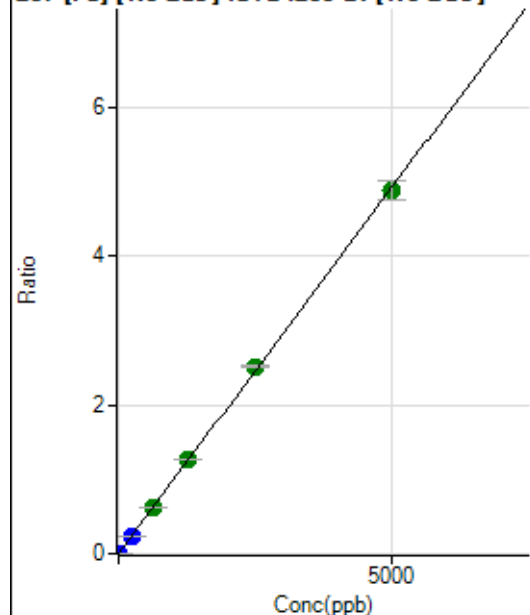
$$DL = 0.0356$$

$$BEC = 0.1076$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	650.02	0.0001	P	14.1
2	☐	1.000	0.935	6777.30	0.0010	P	2.7
3	☐	250.000	235.831	1524920.06	0.2321	P	2.5
4	☐	625.000	638.552	4262124.07	0.6284	A	0.6
5	☐	1250.000	1289.318	8631874.59	1.2687	A	1.2
6	☐	2500.000	2558.864	17182945.44	2.5179	A	0.6
7	☐	5000.000	4959.753	33949943.66	4.8802	A	5.2
8	☐			12927.50	0.0022	P	16.6

$$y = 9.8394E-004 * x + 9.7143E-005$$

$$R = 0.9998$$

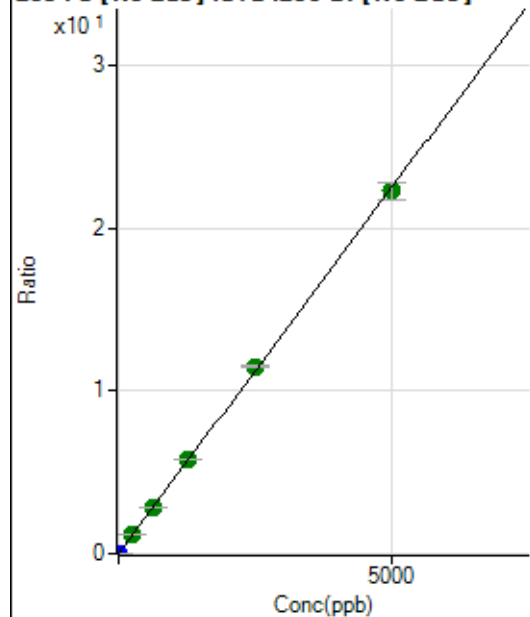
$$DL = 0.04181$$

$$BEC = 0.09873$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3176.85	0.0005	P	3.1
2	☐	1.000	0.917	30621.48	0.0046	P	0.3
3	☐	250.000	255.460	7538591.05	1.1476	A	2.1
4	☐	625.000	641.038	19526677.14	2.8789	A	0.7
5	☐	1250.000	1292.092	39477476.98	5.8024	A	1.1
6	☐	2500.000	2557.186	78365634.25	11.4830	A	0.4
7	☐	5000.000	4958.606	154903117.9	22.2661	A	5.0
8	☐			60404.26	0.0102	P	16.6

$$y = 0.0045 * x + 4.7474E-004$$

$$R = 0.9999$$

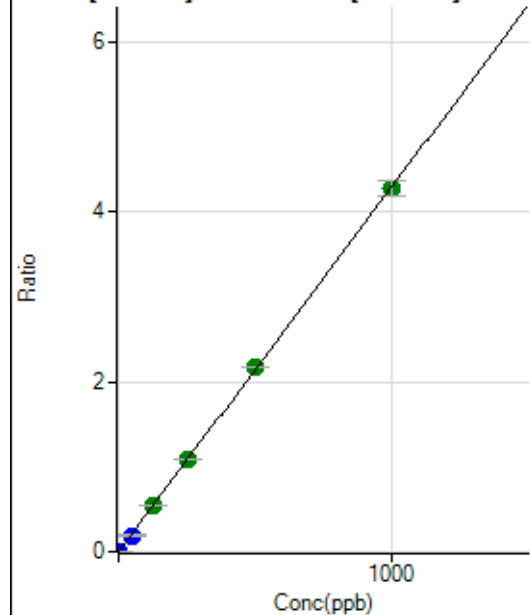
$$DL = 0.009968$$

$$BEC = 0.1057$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	33.9
2	☐	1.000	0.893	25588.36	0.0038	P	1.0
3	☐	50.000	44.541	1256672.25	0.1913	P	2.0
4	☐	125.000	124.844	3636571.82	0.5362	A	0.9
5	☐	250.000	253.599	7410265.30	1.0891	A	0.3
6	☐	500.000	507.845	14884414.22	2.1810	A	0.3
7	☐	1000.000	995.470	29745569.56	4.2752	A	4.3
8	☐			9764.95	0.0017	P	20.1

$$y = 0.0043 * x + 4.3223E-006$$

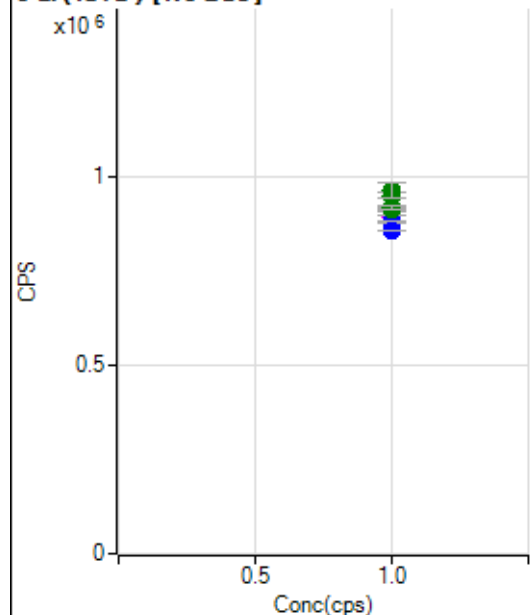
$$R = 0.9999$$

$$DL = 0.001024$$

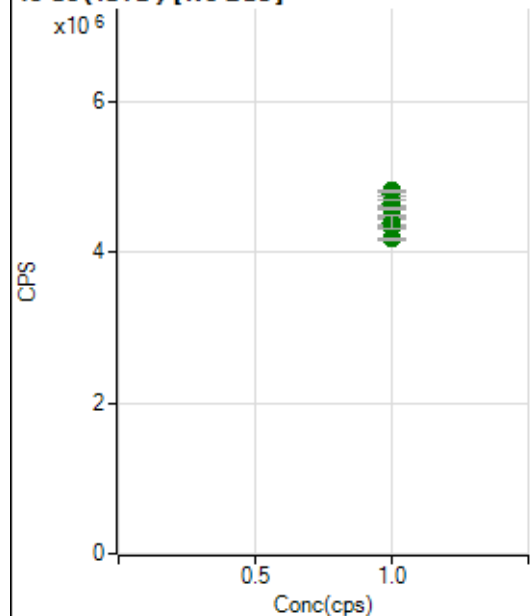
$$BEC = 0.001006$$

Weight: <None>

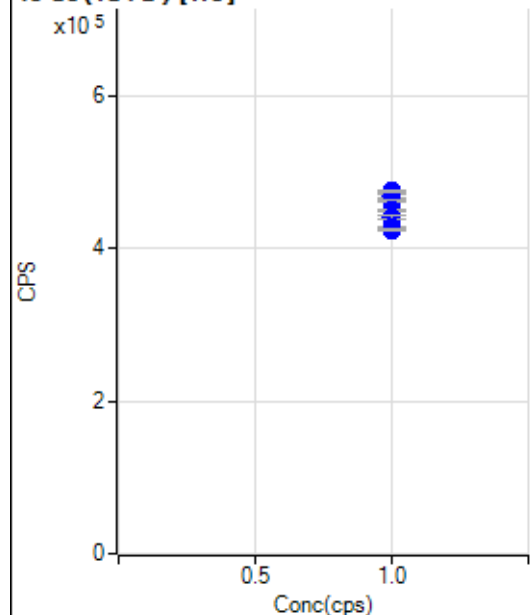
Min Conc: 0

6 Li (ISTD) [No Gas]

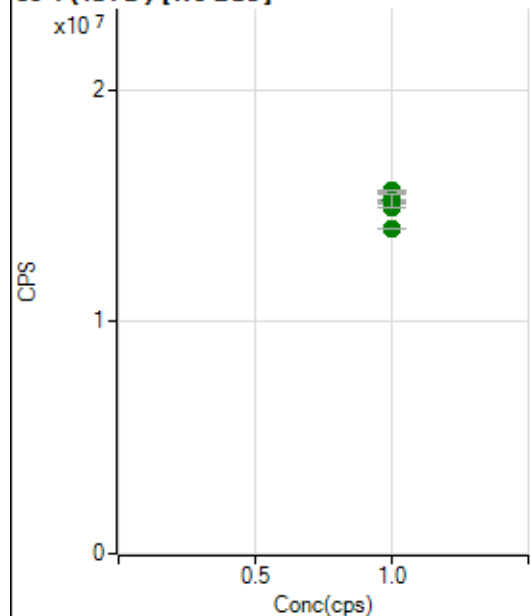
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		882015.98		P	0.2
2	☐	1.000		890620.59		M	1.7
3	☐	1.000		879587.05		P	0.4
4	☐	1.000		912835.27		A	1.1
5	☐	1.000		918874.30		A	0.8
6	☐	1.000		950005.19		A	1.4
7	☐	1.000		961931.47		A	4.1
8	☐	1.000		856747.91		P	0.4

45 Sc (ISTD) [No Gas]

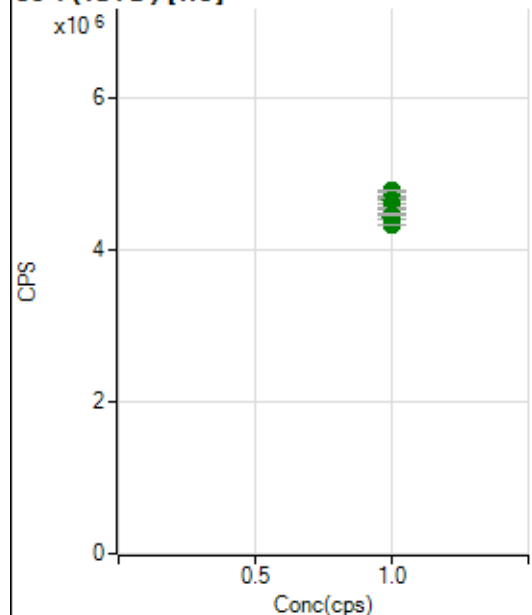
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4772659.13		A	1.2
2	☐	1.000		4822091.18		A	0.3
3	☐	1.000		4661883.19		A	2.0
4	☐	1.000		4581526.88		A	0.8
5	☐	1.000		4457591.70		A	0.6
6	☐	1.000		4346740.98		A	0.5
7	☐	1.000		4401376.91		A	4.0
8	☐	1.000		4181291.71		A	0.8

45 Sc (ISTD) [He]

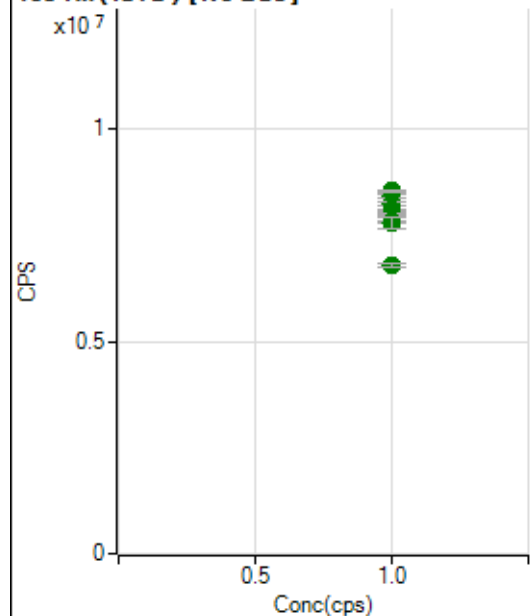
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		467985.60		P	1.1
2	☐	1.000		475772.02		P	0.3
3	☐	1.000		462435.02		P	0.3
4	☐	1.000		450381.48		P	0.4
5	☐	1.000		440622.43		P	1.1
6	☐	1.000		426341.08		P	0.2
7	☐	1.000		427919.28		P	0.7
8	☐	1.000		424788.70		P	0.6

89 Y (ISTD) [No Gas]

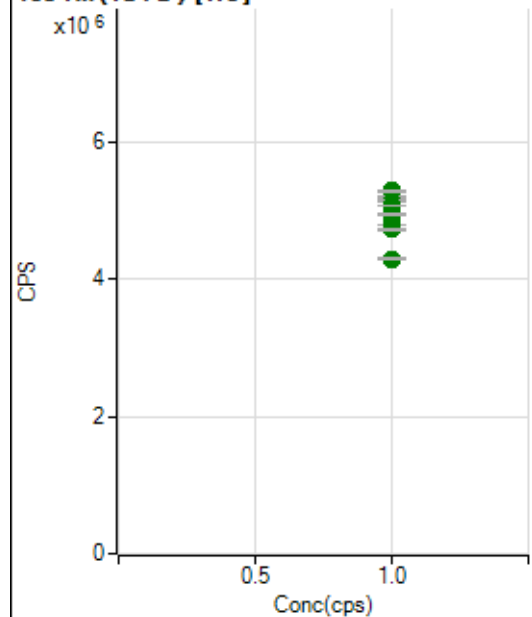
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15577408.38		A	0.6
2	☐	1.000		15627841.57		A	0.6
3	☐	1.000		15153029.22		A	1.3
4	☐	1.000		15174140.47		A	0.3
5	☐	1.000		15065710.33		A	0.0
6	☐	1.000		14906923.53		A	0.2
7	☐	1.000		15218367.69		A	3.9
8	☐	1.000		14028620.76		A	0.1

89 Y (ISTD) [He]

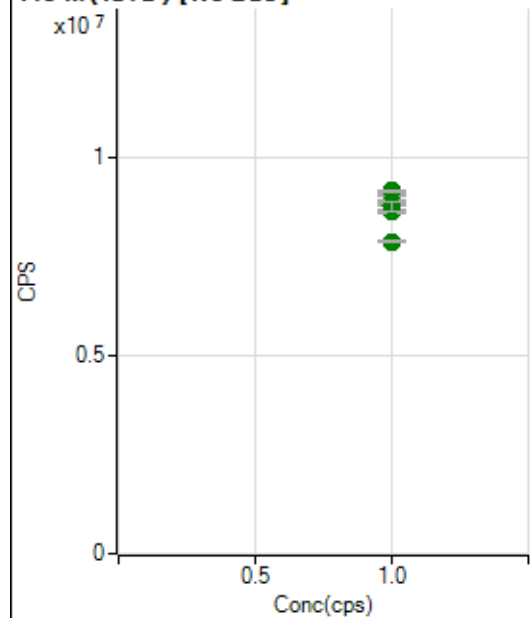
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4688465.97		A	0.7
2	☐	1.000		4783658.78		A	0.4
3	☐	1.000		4656948.85		A	1.3
4	☐	1.000		4612140.03		A	0.1
5	☐	1.000		4557691.36		A	0.7
6	☐	1.000		4446560.63		A	1.0
7	☐	1.000		4471796.15		A	0.4
8	☐	1.000		4334549.59		A	0.2

103 Rh (ISTD) [No Gas]

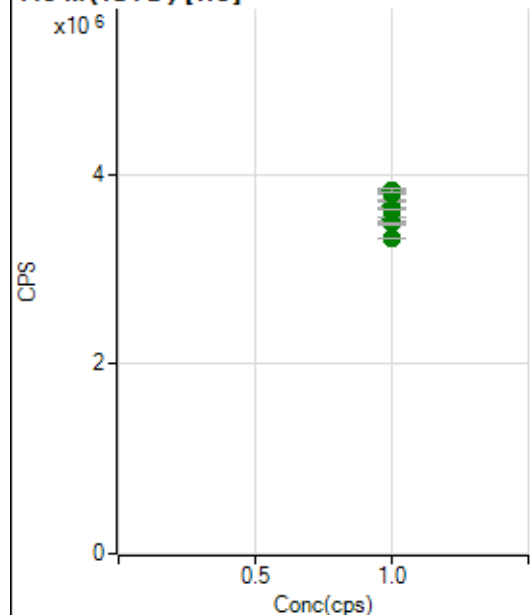
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8443484.39		A	1.0
2	☐	1.000		8544239.53		A	0.6
3	☐	1.000		8239547.24		A	1.0
4	☐	1.000		8091309.39		A	0.9
5	☐	1.000		8011748.56		A	0.6
6	☐	1.000		7819706.90		A	0.8
7	☐	1.000		7799366.34		A	3.4
8	☐	1.000		6797628.79		A	0.9

103 Rh (ISTD) [He]

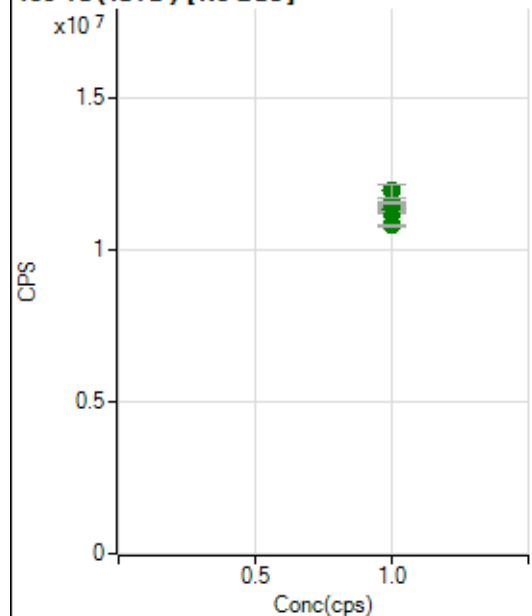
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5195290.76		A	0.7
2	☐	1.000		5287495.65		A	0.6
3	☐	1.000		5141959.89		A	0.8
4	☐	1.000		5067879.02		A	0.1
5	☐	1.000		4946192.74		A	0.3
6	☐	1.000		4798212.39		A	0.3
7	☐	1.000		4723406.35		A	0.6
8	☐	1.000		4298934.35		A	0.4

115 In (ISTD) [No Gas]

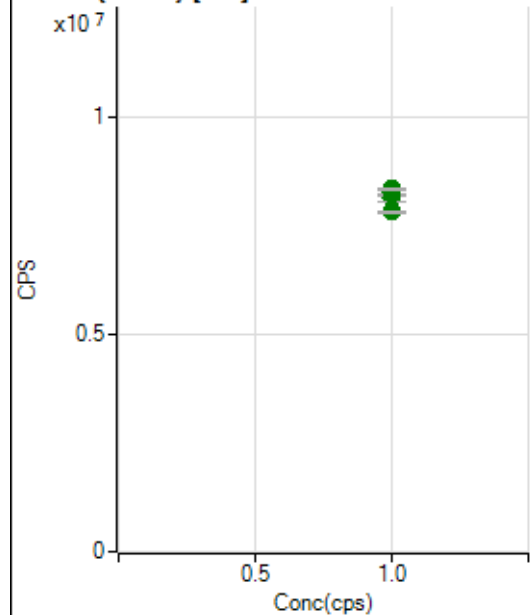
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9049540.49		A	0.4
2	☐	1.000		9154765.27		A	0.2
3	☐	1.000		8890172.27		A	0.3
4	☐	1.000		8876997.44		A	0.9
5	☐	1.000		8804028.08		A	0.7
6	☐	1.000		8652647.39		A	1.1
7	☐	1.000		8763766.40		A	3.1
8	☐	1.000		7875998.59		A	0.4

115 In (ISTD) [He]

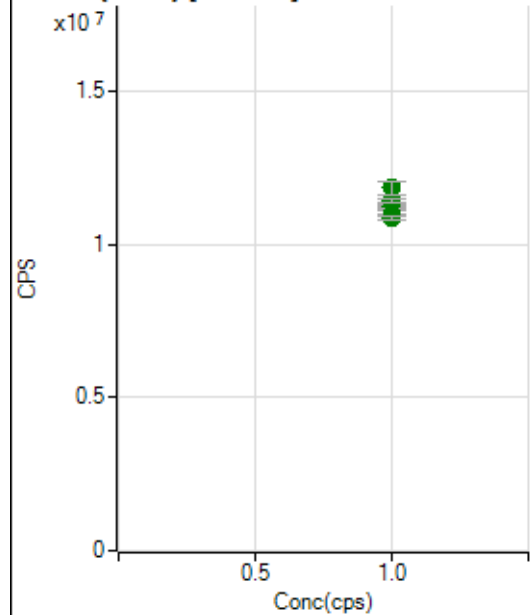
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3805364.02		A	0.9
2	☐	1.000		3821736.30		A	1.0
3	☐	1.000		3714832.05		A	0.7
4	☐	1.000		3674119.98		A	1.3
5	☐	1.000		3628372.50		A	0.2
6	☐	1.000		3530872.23		A	1.2
7	☐	1.000		3476768.88		A	0.6
8	☐	1.000		3315316.91		A	0.2

159 Tb (ISTD) [No Gas]

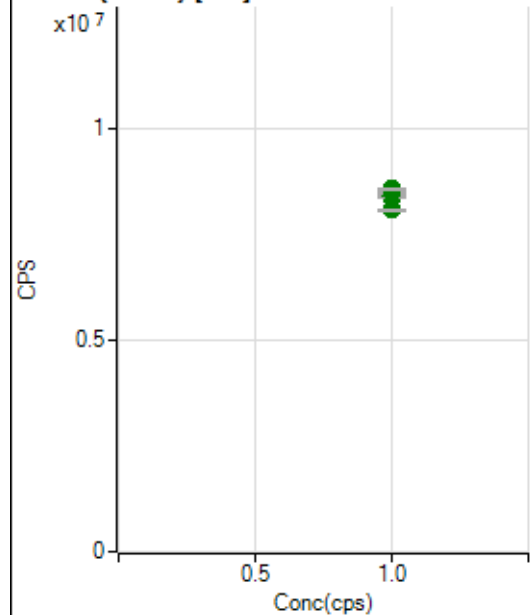
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11293420.25		A	1.0
2	☐	1.000		11310638.58		A	0.5
3	☐	1.000		11224821.64		A	0.0
4	☐	1.000		11345044.55		A	1.2
5	☐	1.000		11472628.03		A	0.5
6	☐	1.000		11565198.58		A	0.4
7	☐	1.000		11949688.71		A	3.8
8	☐	1.000		10807609.28		A	0.4

159 Tb (ISTD) [He]

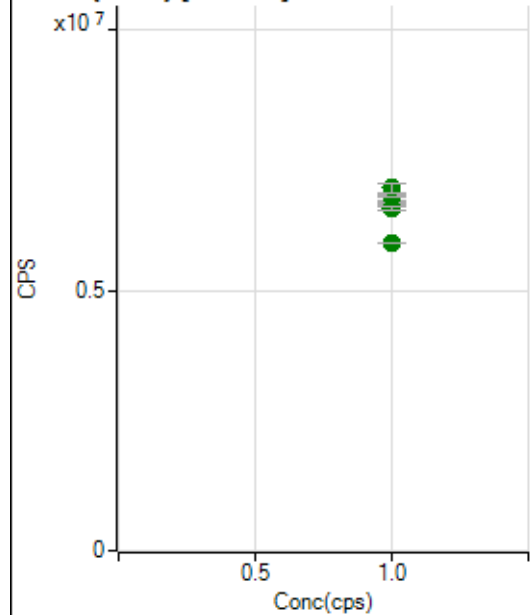
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8134177.52		A	1.9
2	☐	1.000		8233263.69		A	1.3
3	☐	1.000		8246438.90		A	0.9
4	☐	1.000		8278973.14		A	1.4
5	☐	1.000		8285826.75		A	1.4
6	☐	1.000		8320057.30		A	1.0
7	☐	1.000		8331054.39		A	0.4
8	☐	1.000		7804684.95		A	0.3

165 Ho (ISTD) [No Gas]

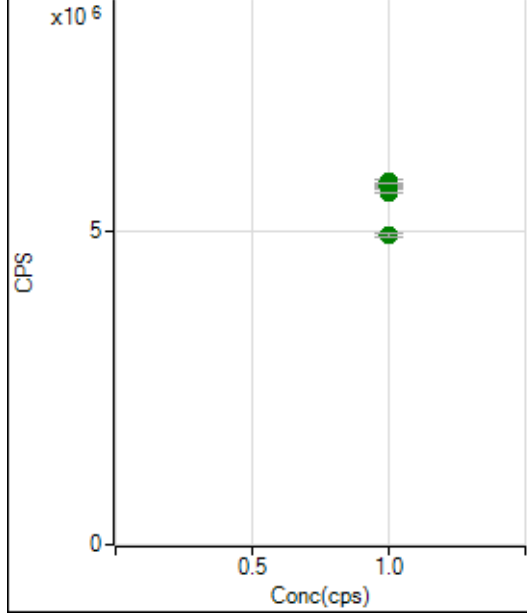
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11114745.25		A	0.2
2	☐	1.000		11167404.00		A	1.0
3	☐	1.000		10979264.84		A	0.7
4	☐	1.000		11217869.97		A	1.1
5	☐	1.000		11343298.30		A	0.8
6	☐	1.000		11433809.14		A	0.6
7	☐	1.000		11851111.21		A	3.9
8	☐	1.000		10855742.82		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8378378.97		A	0.4
2	☐	1.000		8466430.91		A	0.8
3	☐	1.000		8416778.28		A	0.9
4	☐	1.000		8524890.78		A	1.3
5	☐	1.000		8545173.90		A	0.5
6	☐	1.000		8546578.21		A	0.2
7	☐	1.000		8580275.15		A	0.3
8	☐	1.000		8079541.06		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6691397.82		A	0.5
2	☐	1.000		6665563.16		A	0.3
3	☐	1.000		6570528.72		A	1.5
4	☐	1.000		6782637.68		A	0.2
5	☐	1.000		6803942.19		A	0.5
6	☐	1.000		6824594.62		A	0.6
7	☐	1.000		6963473.23		A	2.9
8	☐	1.000		5898287.20		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5718346.58		A	0.2
2	☐	1.000		5734392.69		A	1.1
3	☐	1.000		5698367.07		A	1.0
4	☐	1.000		5785937.00		A	1.0
5	☐	1.000		5759963.80		A	0.3
6	☐	1.000		5720157.27		A	1.2
7	☐	1.000		5616881.27		A	0.1
8	☐	1.000		4938201.94		A	0.7