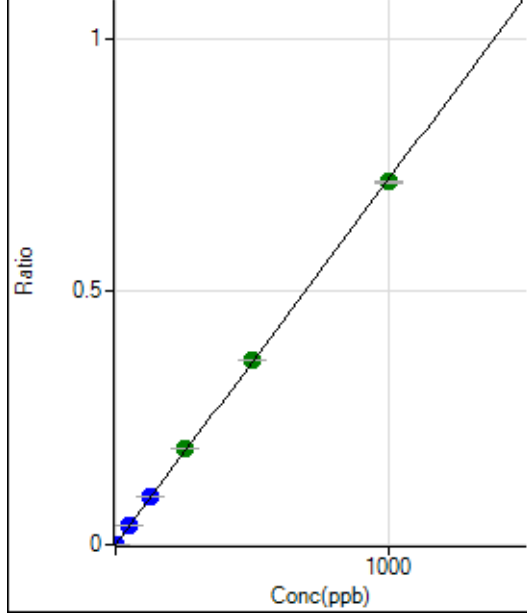


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011725MS-3.b\
Analysis File: P8011725MS-3.batch.bin
DA Date-Time: 2025-01-19 22:37:02
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-17 12:32:13
2	006CALS.d	S02	2025-01-17 12:38:57
3	007CALB.d	S03	2025-01-17 12:42:17
4	008CALS.d	S04	2025-01-17 12:45:23
5	009CALS.d	S05	2025-01-17 12:48:21
6	010CALS.d	S06	2025-01-17 12:51:12
7	011CALS.d	S07	2025-01-17 12:53:57
8	012CALS.d	S08	2025-01-17 12:56:45

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	285.80	0.0000	P	11.5
2	☐	1.000	1.077	7094.16	0.0008	P	0.5
3	☐	50.000	52.498	330093.35	0.0379	P	0.5
4	☐	125.000	132.493	812906.23	0.0957	P	0.1
5	☐	250.000	262.759	1599928.14	0.1897	A	1.3
6	☐	500.000	505.232	3084256.25	0.3647	A	0.7
7	☐	1000.000	993.133	5964181.88	0.7169	A	0.2
8	☐			1518.65	0.0002	P	13.8

$$y = 7.2183E-004 * x + 3.2674E-005$$

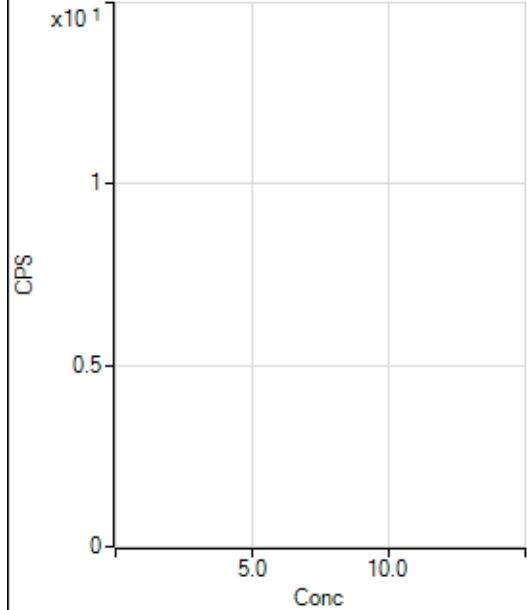
$$R = 0.9999$$

$$DL = 0.01564$$

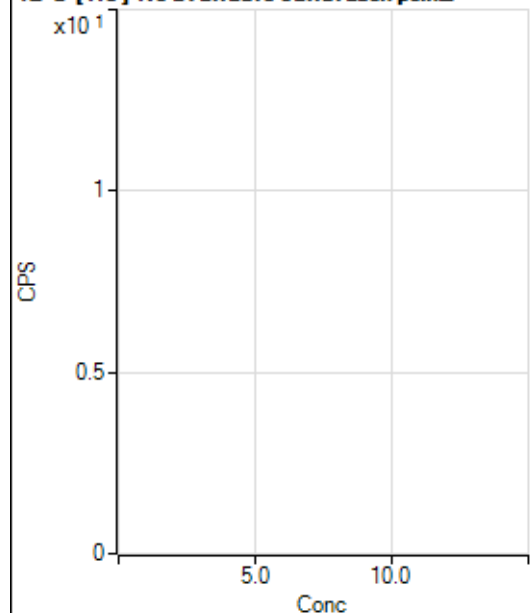
$$BEC = 0.04527$$

Weight: <None>

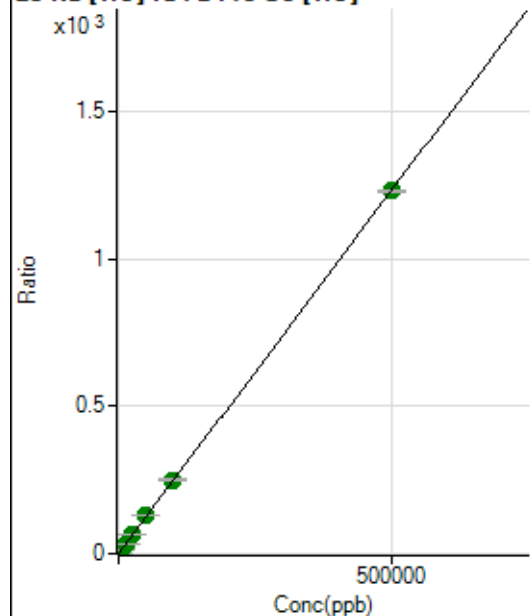
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3138450.58		A	0.9
2	☐			3258550.85		A	1.4
3	☐			3281253.25		A	1.9
4	☐			3469245.96		A	1.1
5	☐			3581458.45		A	0.2
6	☐			3912297.79		A	0.8
7	☐			4631002.33		A	3.3
8	☐			6132966.96		A	12.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22095.57		P	0.9
2	☐			23072.62		P	0.8
3	☐			23311.84		P	2.1
4	☐			24980.18		P	0.7
5	☐			26017.53		P	1.7
6	☐			29209.02		P	1.8
7	☐			36400.49		P	1.2
8	☐			60038.48		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17576.19	0.0931	P	0.4
2	☐	500.000	555.915	284821.74	1.4653	P	3.4
3	☐	5000.000	5465.787	2582563.50	13.5845	A	1.1
4	☐	12500.000	13592.987	6419940.60	33.6451	A	1.1
5	☐	25000.000	26717.986	12786735.64	66.0419	A	0.1
6	☐	50000.000	52398.262	25110492.68	129.4292	A	0.8
7	☐	100000.00	101368.50	49988517.03	250.3039	A	1.5
8	☐	500000.00	499368.53	213020725.7	1,232.698	A	0.8

$$y = 0.0025 * x + 0.0931$$

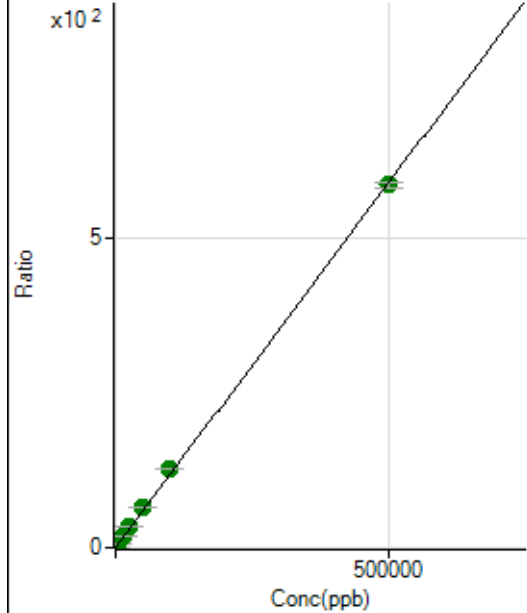
$$R = 1.0000$$

$$DL = 0.4039$$

$$BEC = 37.73$$

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	668.91	0.0035	P	8.2
2	☐	500.000	608.205	139908.91	0.7197	P	3.1
3	☐	5000.000	5960.270	1334980.71	7.0222	A	1.5
4	☐	12500.000	14937.083	3356940.99	17.5930	A	1.4
5	☐	25000.000	28522.162	6503480.11	33.5904	A	0.7
6	☐	50000.000	56154.533	12829425.92	66.1295	A	1.3
7	☐	100000.00	108249.47	25459448.23	127.4751	A	0.8
8	☐	500000.00	497487.90	101229815.1	585.8313	A	1.6

$$y = 0.0012 * x + 0.0035$$

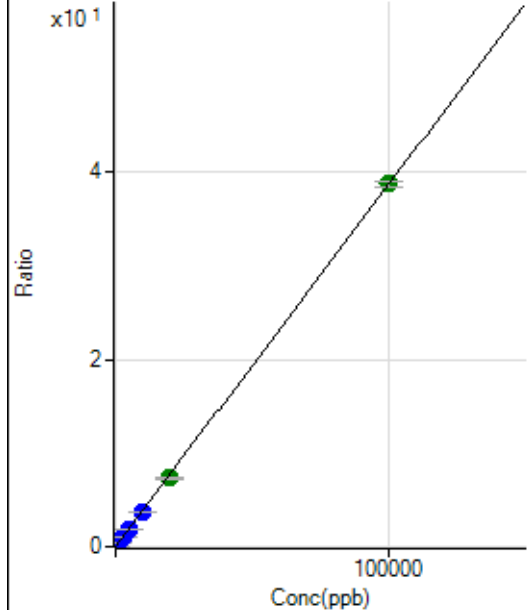
$$R = 0.9998$$

$$DL = 0.7417$$

$$BEC = 3.01$$

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	134.45	0.0007	P	21.1
2	☐	20.000	19.091	1573.44	0.0081	P	7.0
3	☐	1000.000	1019.578	75138.15	0.3952	P	0.4
4	☐	2500.000	2553.981	188714.61	0.9890	P	0.2
5	☐	5000.000	4971.954	372635.71	1.9246	P	0.3
6	☐	10000.000	9730.974	730672.98	3.7661	P	0.2
7	☐	20000.000	19097.933	1475891.38	7.3907	A	2.6
8	☐	100000.00	100207.17	6700499.83	38.7760	A	1.4

$$y = 3.8695E-004 * x + 7.1262E-004$$

$$R = 1.0000$$

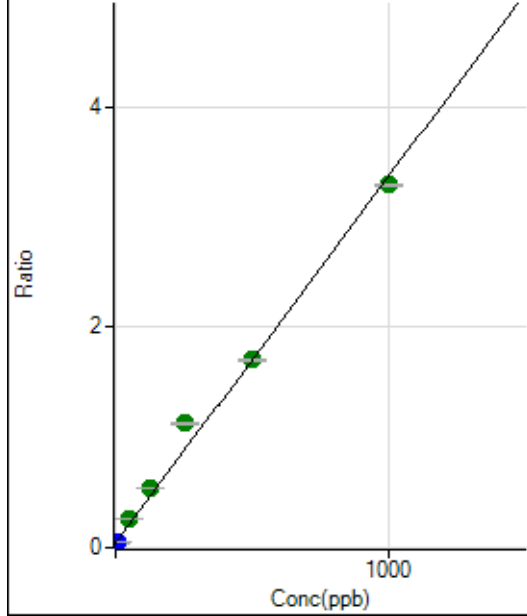
$$DL = 1.165$$

$$BEC = 1.842$$

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	429987.17	0.0417	P	0.7
2	☐	10.000	2.599	519505.15	0.0504	P	1.5
3	☐	50.000	65.978	2716584.58	0.2614	A	2.9
4	☐	125.000	149.391	5571412.97	0.5391	A	1.4
5	☐	250.000	325.899	11829046.21	1.1267	A	0.7
6	☐	500.000	499.841	18075809.45	1.7058	A	0.9
7	☐	1000.000	977.331	34620937.82	3.2954	A	0.3
8	☐			566649.63	0.0629	P	0.9

$$y = 0.0033 * x + 0.0417$$

$$R = 0.9964$$

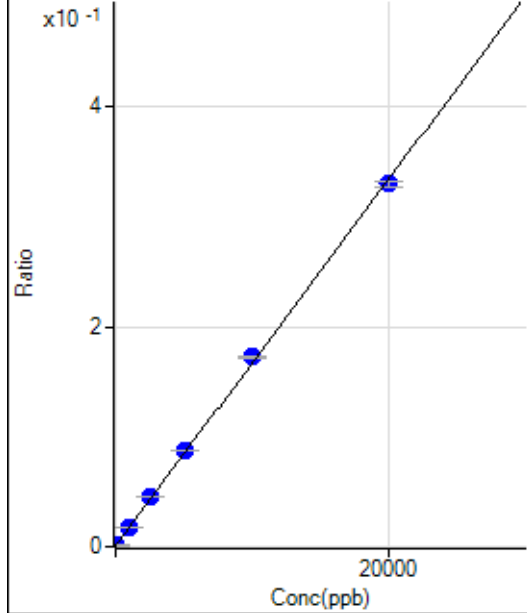
$$DL = 0.2706$$

$$BEC = 12.53$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.994	47.78	0.0003	P	10.1
2	☐	0.000	18.994	172.22	0.0009	P	6.7
3	☐	1000.000	1041.184	3409.32	0.0179	P	2.8
4	☐	2500.000	2685.598	8654.87	0.0454	P	1.1
5	☐	5000.000	5233.326	17008.95	0.0878	P	1.1
6	☐	10000.000	10304.870	33451.88	0.1724	P	0.5
7	☐	20000.000	19763.975	65939.88	0.3302	P	1.2
8	☐			104.45	0.0006	P	19.3

$$y = 1.6677E-005 * x + 5.6980E-004$$

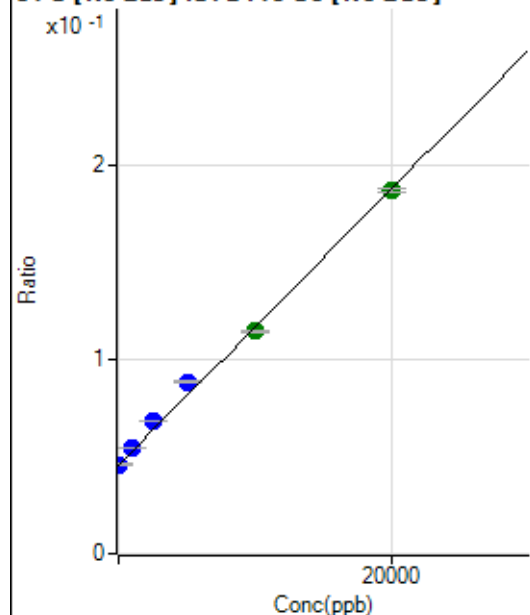
$$R = 0.9997$$

$$DL = 7.657$$

$$BEC = 34.17$$

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	-15.706	470322.16	0.0456	P	0.3
2	☐	0.000	15.706	472928.73	0.0459	P	1.3
3	☐	1000.000	1227.542	566310.44	0.0545	P	1.7
4	☐	2500.000	3162.289	705452.00	0.0683	P	0.6
5	☐	5000.000	6007.230	929219.57	0.0885	P	0.5
6	☐	10000.000	9654.249	1212995.63	0.1145	A	0.8
7	☐	20000.000	19826.905	1963377.07	0.1869	A	0.9
8	☐			333091.52	0.0370	P	1.6

$$y = 7.1190\text{E-}006 * x + 0.0457$$

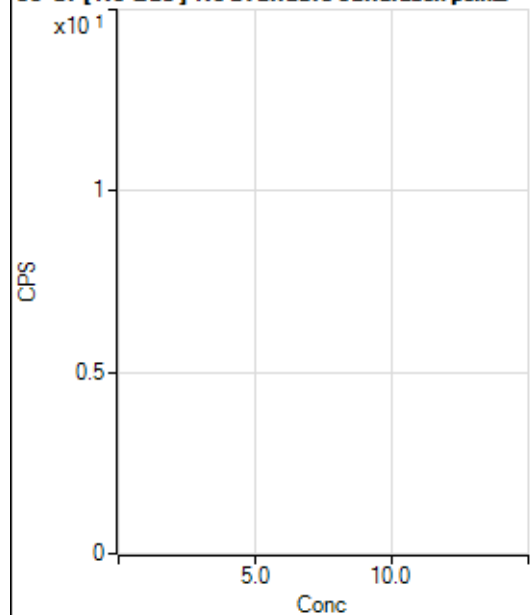
R = 0.9980

DL = 155.9

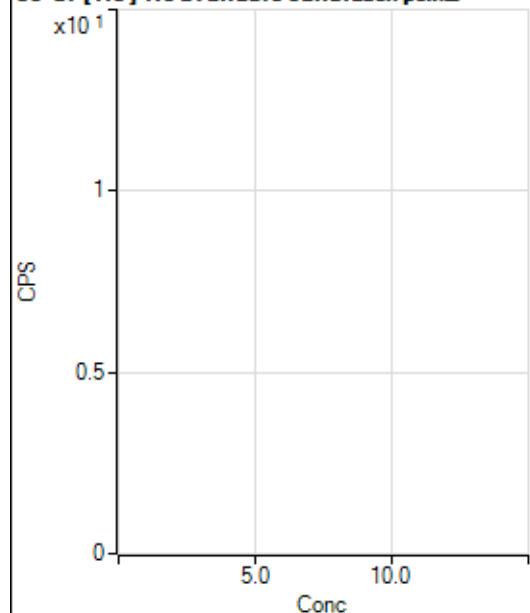
BEC = 6425

Weight: <None>

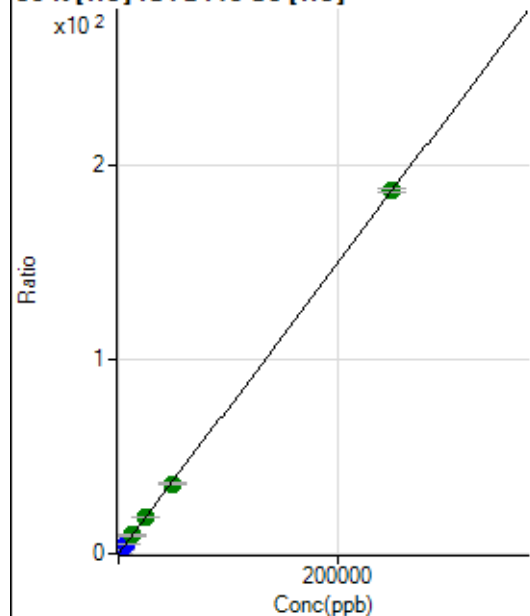
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68611.36		P	1.1
2	☐			69505.58		P	1.3
3	☐			67998.63		P	1.5
4	☐			72772.66		P	0.8
5	☐			75040.73		P	1.8
6	☐			86924.38		P	1.3
7	☐			111580.15		P	1.8
8	☐			62402.48		P	0.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			283.34		P	8.5
2	☐			268.89		P	2.6
3	☐			261.12		P	21.1
4	☐			277.78		P	6.2
5	☐			290.01		P	18.1
6	☐			377.79		P	7.9
7	☐			493.35		P	12.5
8	☐			281.12		P	9.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6963.96	0.0369	P	2.5
2	☐	500.000	510.373	81079.18	0.4171	P	2.6
3	☐	2500.000	2532.486	365637.20	1.9233	P	0.6
4	☐	6250.000	6385.029	914566.43	4.7930	P	0.9
5	☐	12500.000	12619.960	1827119.92	9.4373	A	1.7
6	☐	25000.000	25232.062	3653616.61	18.8318	A	0.7
7	☐	50000.000	48212.703	7179484.34	35.9497	A	1.7
8	☐	250000.00	250324.53	32227536.74	186.4994	A	1.2

$$y = 7.4488\text{E-}004 * x + 0.0369$$

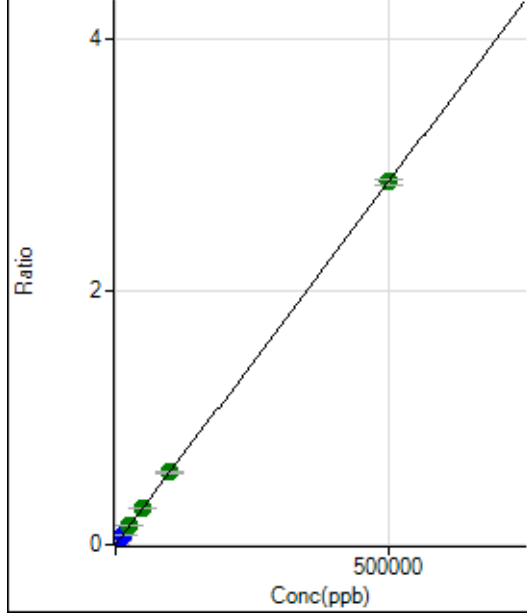
$$R = 1.0000$$

$$DL = 3.681$$

$$BEC = 49.53$$

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	452.23	0.0000	P	15.1
2	☐	500.000	546.832	32767.30	0.0032	P	0.9
3	☐	5000.000	5120.312	305404.27	0.0294	P	1.6
4	☐	12500.000	12922.725	765665.76	0.0741	P	1.5
5	☐	25000.000	25786.596	1551560.71	0.1478	A	1.4
6	☐	50000.000	50046.563	3038999.12	0.2868	A	0.6
7	☐	100000.00	99670.893	5999724.36	0.5711	A	0.9
8	☐	500000.00	500010.01	25796106.01	2.8648	A	1.8

$$y = 5.7294\text{E-}006 * x + 4.3878\text{E-}005$$

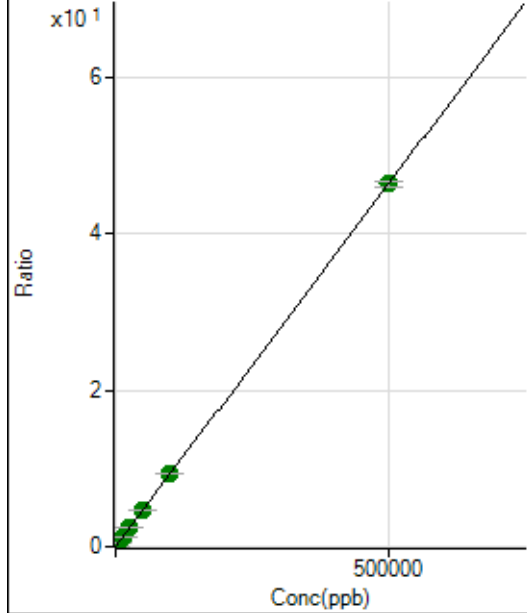
$$R = 1.0000$$

$$DL = 3.479$$

$$BEC = 7.658$$

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	8999.55	0.0009	P	3.7
2	☐	500.000	540.443	525685.19	0.0510	P	1.0
3	☐	5000.000	5109.039	4931436.07	0.4744	A	1.9
4	☐	12500.000	12891.746	12359962.45	1.1958	A	0.4
5	☐	25000.000	25458.438	24784257.96	2.3606	A	0.3
6	☐	50000.000	49834.518	48955426.49	4.6201	A	1.3
7	☐	100000.00	99546.319	96946901.89	9.2279	A	0.1
8	☐	500000.00	500073.43	417390380.4	46.3530	A	1.7

$$y = 9.2691\text{E-}005 * x + 8.7314\text{E-}004$$

$$R = 1.0000$$

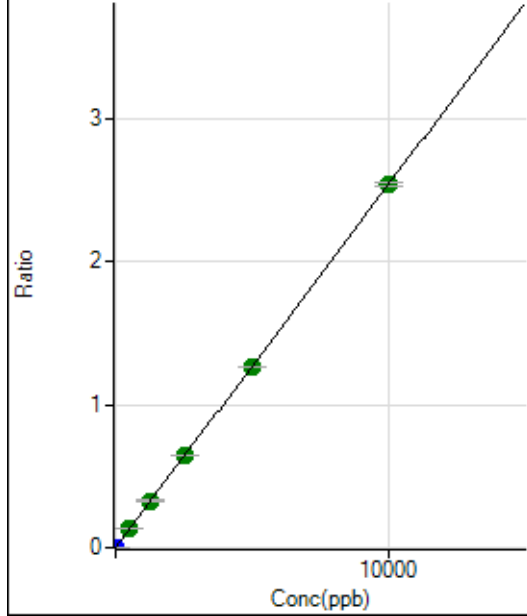
$$DL = 1.042$$

$$BEC = 9.42$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	171.11	0.0000	P	7.2
2	☐	5.000	5.358	14204.89	0.0014	P	2.2
3	☐	500.000	519.470	1371348.10	0.1319	A	2.3
4	☐	1250.000	1296.845	3403990.85	0.3294	A	1.3
5	☐	2500.000	2525.258	6733044.62	0.6413	A	0.7
6	☐	5000.000	4992.540	13435767.99	1.2679	A	0.3
7	☐	10000.000	9990.586	26654489.60	2.5372	A	1.1
8	☐			10308.24	0.0011	P	5.1

$$y = 2.5395E-004 * x + 1.6600E-005$$

$$R = 1.0000$$

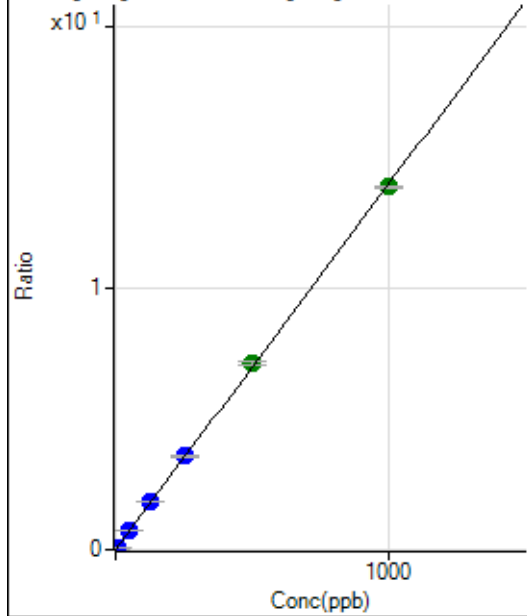
$$DL = 0.01422$$

$$BEC = 0.06537$$

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	5.55	0.0000	P	69.6
2	☐	5.000	5.189	14097.03	0.0725	P	3.6
3	☐	50.000	51.509	136820.91	0.7197	P	0.1
4	☐	125.000	129.633	345607.59	1.8112	P	0.7
5	☐	250.000	255.380	690830.32	3.5681	P	0.6
6	☐	500.000	510.041	1382563.92	7.1261	A	2.4
7	☐	1000.000	992.979	2770942.14	13.8736	A	0.5
8	☐			451.12	0.0026	P	7.2

$$y = 0.0140 * x + 2.9457E-005$$

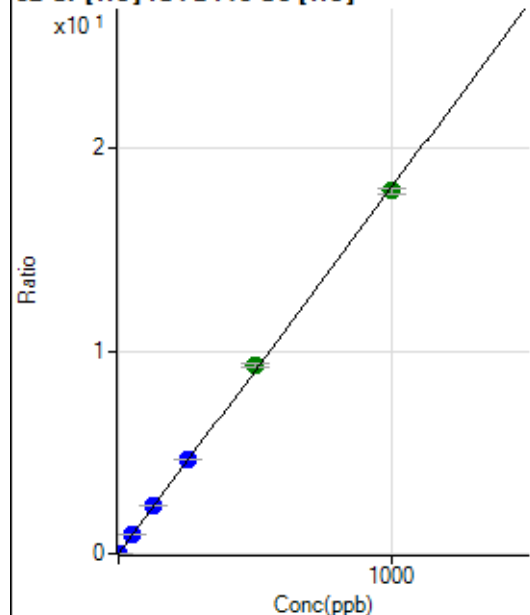
$$R = 0.9999$$

$$DL = 0.004403$$

$$BEC = 0.002108$$

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	533.35	0.0028	P	8.6
2	☐	2.000	2.055	7771.05	0.0400	P	2.4
3	☐	50.000	52.138	179682.97	0.9452	P	0.3
4	☐	125.000	130.580	450882.29	2.3629	P	0.3
5	☐	250.000	255.723	895393.01	4.6247	P	0.9
6	☐	500.000	514.819	1805768.86	9.3076	A	1.5
7	☐	1000.000	990.355	3575414.25	17.9024	A	1.3
8	☐			7471.35	0.0433	P	5.9

$$y = 0.0181 * x + 0.0028$$

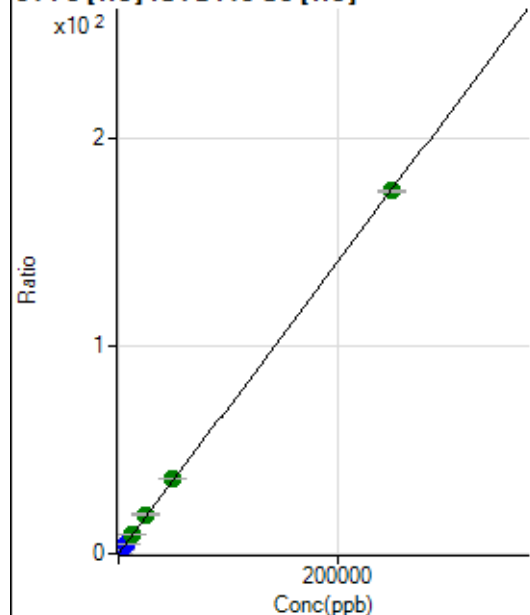
$$R = 0.9998$$

$$DL = 0.04042$$

$$BEC = 0.1563$$

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	253.34	0.0013	P	15.3
2	☐	50.000	59.809	8418.11	0.0433	P	2.8
3	☐	2500.000	2790.492	372451.93	1.9592	P	0.2
4	☐	6250.000	7017.530	939719.74	4.9249	P	1.1
5	☐	12500.000	13770.959	1870837.75	9.6631	A	1.4
6	☐	25000.000	27054.175	3682783.66	18.9826	A	0.6
7	☐	50000.000	51553.482	7224265.31	36.1714	A	0.7
8	☐	250000.00	249398.24	30238036.77	174.9797	A	0.7

$$y = 7.0160E-004 * x + 0.0013$$

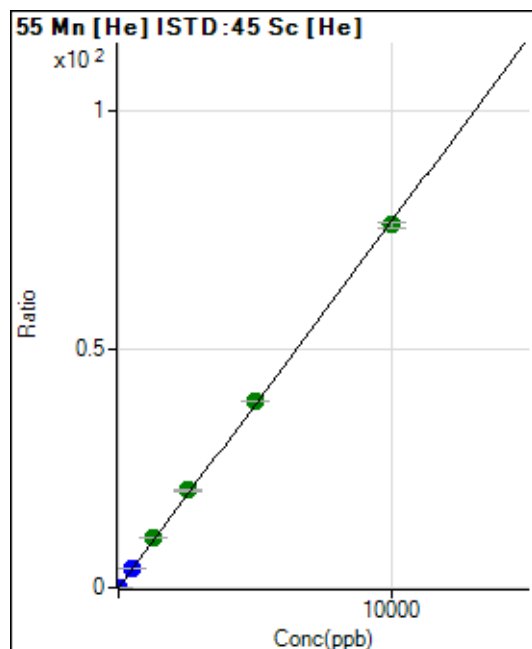
$$R = 1.0000$$

$$DL = 0.8792$$

$$BEC = 1.912$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0004	P	18.3
2	☐	1.000	1.088	1691.23	0.0087	P	6.4
3	☐	500.000	525.753	767617.06	4.0378	P	0.3
4	☐	1250.000	1364.496	1999515.39	10.4787	A	0.4
5	☐	2500.000	2651.916	3942775.15	20.3652	A	1.8
6	☐	5000.000	5078.382	7566194.19	38.9988	A	0.2
7	☐	10000.000	9907.230	15194372.13	76.0810	A	1.6
8	☐			4944.37	0.0286	P	5.8

$$y = 0.0077 * x + 3.5330E-004$$

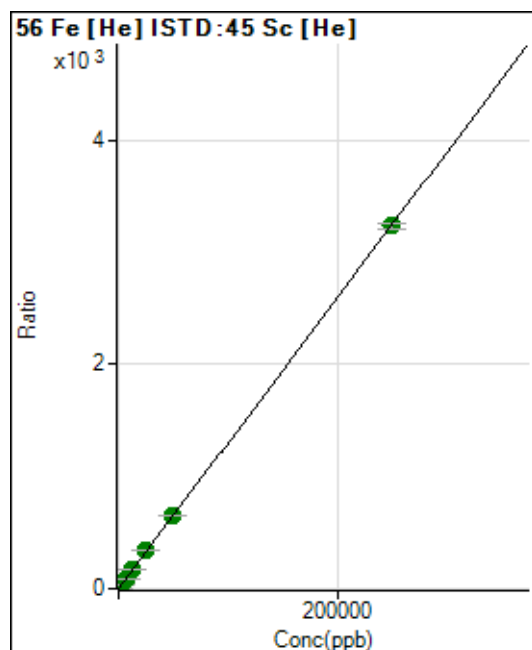
$$R = 0.9998$$

$$DL = 0.02522$$

$$BEC = 0.04601$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3242.63	0.0172	P	7.2
2	☐	50.000	57.348	147884.64	0.7609	P	3.8
3	☐	2500.000	2755.896	6797332.95	35.7546	A	0.8
4	☐	6250.000	6903.192	17084053.22	89.5351	A	1.7
5	☐	12500.000	13601.728	34153088.38	176.3991	A	0.5
6	☐	25000.000	26394.147	66406351.23	342.2863	A	0.5
7	☐	50000.000	50440.522	130629566.9	654.1104	A	1.8
8	☐	250000.00	249698.50	559525831.6	3,238.010	A	1.4

$$y = 0.0130 * x + 0.0172$$

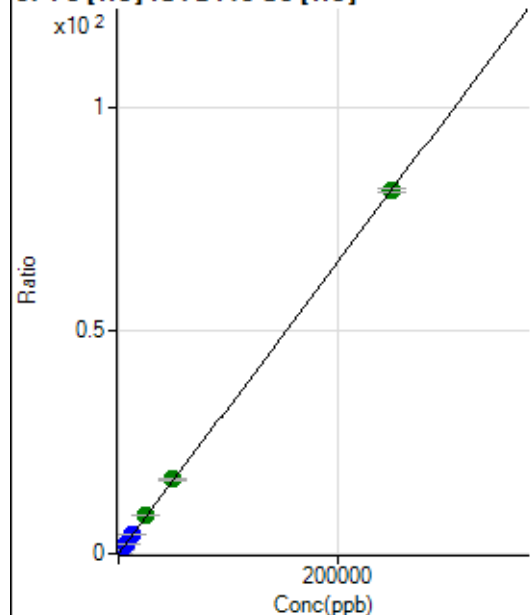
$$R = 1.0000$$

$$DL = 0.2871$$

$$BEC = 1.325$$

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	83.33	0.0004	P	10.4
2	☐	50.000	56.188	3648.28	0.0188	P	4.0
3	☐	2500.000	2732.642	169545.91	0.8918	P	0.1
4	☐	6250.000	6803.310	423547.85	2.2197	P	1.0
5	☐	12500.000	13387.928	845626.62	4.3676	P	0.6
6	☐	25000.000	26666.519	1687710.24	8.6992	A	1.1
7	☐	50000.000	51072.127	3327396.37	16.6604	A	1.0
8	☐	250000.00	249558.36	14067407.85	81.4073	A	1.2

$$y = 3.2620\text{E-}004 * x + 4.4145\text{E-}004$$

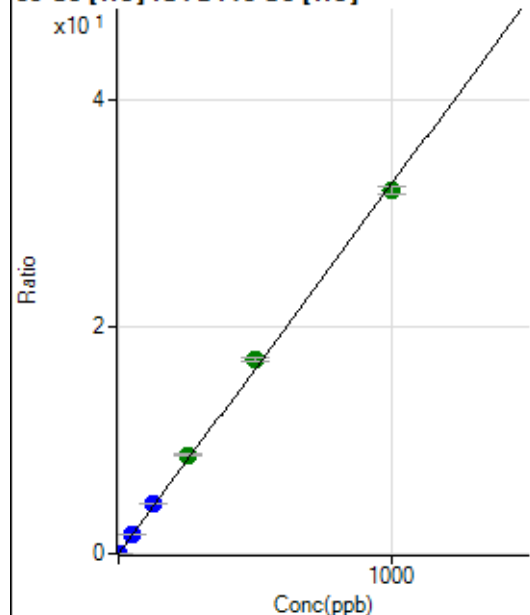
$$R = 1.0000$$

$$DL = 0.4221$$

$$BEC = 1.353$$

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	96.67	0.0005	P	12.9
2	☐	1.000	1.122	7217.45	0.0371	P	3.3
3	☐	50.000	54.368	337456.32	1.7751	P	0.1
4	☐	125.000	136.254	848700.63	4.4478	P	1.0
5	☐	250.000	266.567	1684618.15	8.7012	A	1.3
6	☐	500.000	525.036	3324821.76	17.1376	A	1.3
7	☐	1000.000	981.715	6399170.05	32.0435	A	2.1
8	☐			12060.77	0.0698	P	2.0

$$y = 0.0326 * x + 5.1236\text{E-}004$$

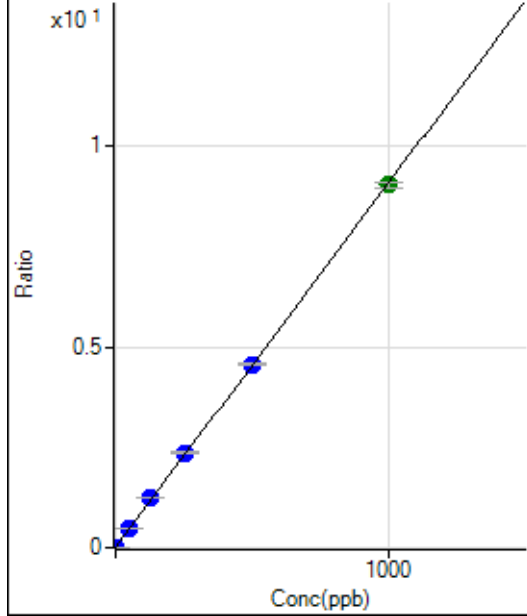
$$R = 0.9993$$

$$DL = 0.006069$$

$$BEC = 0.0157$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1225.62	0.0065	P	6.1
2	☐	1.000	1.082	3169.28	0.0163	P	5.7
3	☐	50.000	54.154	94653.97	0.4979	P	0.7
4	☐	125.000	134.566	234238.97	1.2276	P	0.9
5	☐	250.000	260.436	458801.49	2.3697	P	1.1
6	☐	500.000	502.320	885571.53	4.5646	P	1.0
7	☐	1000.000	994.827	1804120.56	9.0338	A	1.6
8	☐			7261.91	0.0420	P	2.5

$$y = 0.0091 * x + 0.0065$$

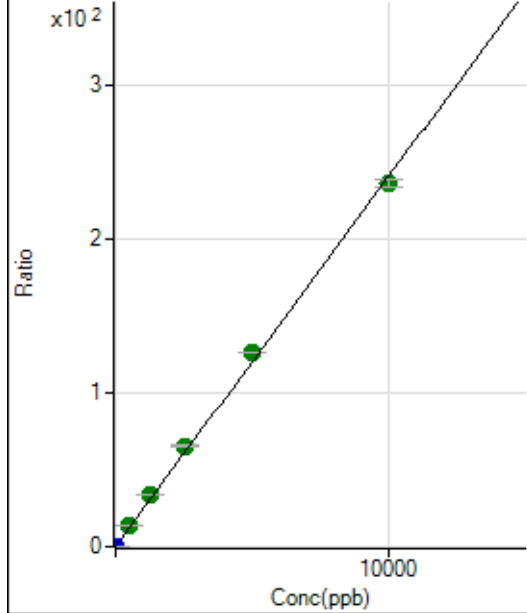
$$R = 0.9999$$

$$DL = 0.1304$$

$$BEC = 0.7157$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4436.29	0.0235	P	3.0
2	☐	2.000	2.280	15213.81	0.0783	P	3.4
3	☐	500.000	566.410	2591381.16	13.6311	A	0.5
4	☐	1250.000	1400.344	6423928.52	33.6658	A	0.7
5	☐	2500.000	2719.341	12653070.79	65.3538	A	1.2
6	☐	5000.000	5236.396	24411073.80	125.8244	A	0.3
7	☐	10000.000	9804.853	47045869.30	235.5785	A	2.0
8	☐			12263.16	0.0710	P	4.3

$$y = 0.0240 * x + 0.0235$$

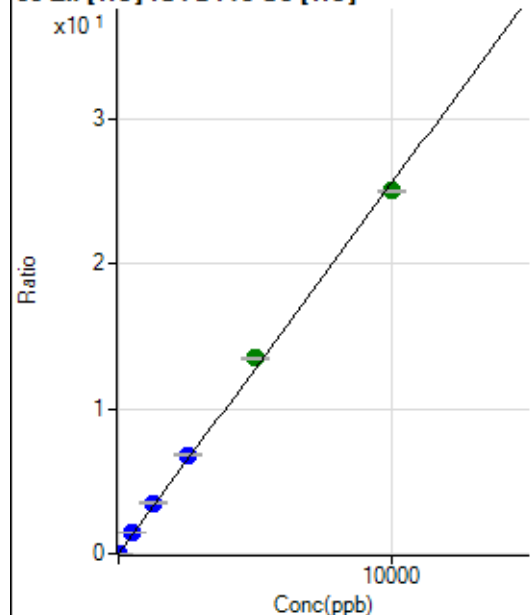
$$R = 0.9993$$

$$DL = 0.08733$$

$$BEC = 0.9784$$

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	330.01	0.0017	P	9.1
2	☐	5.000	5.463	3050.36	0.0157	P	5.8
3	☐	500.000	547.950	266397.48	1.4013	P	0.2
4	☐	1250.000	1372.881	669423.81	3.5083	P	1.1
5	☐	2500.000	2671.053	1321216.01	6.8240	P	0.6
6	☐	5000.000	5280.452	2617009.44	13.4888	A	0.9
7	☐	10000.000	9799.253	4999190.14	25.0306	A	0.7
8	☐			6340.36	0.0367	P	1.0

$$y = 0.0026 * x + 0.0017$$

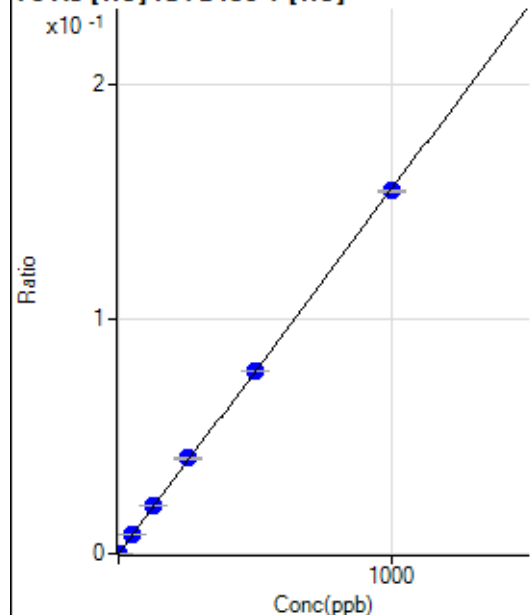
$$R = 0.9992$$

$$DL = 0.1875$$

$$BEC = 0.6843$$

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	2.22	0.0000	P	173.
2	☐	1.000	1.009	296.68	0.0002	P	4.5
3	☐	50.000	51.734	14836.81	0.0080	P	2.5
4	☐	125.000	133.808	38524.74	0.0208	P	0.9
5	☐	250.000	262.018	76577.60	0.0407	P	1.7
6	☐	500.000	501.047	149712.05	0.0779	P	0.5
7	☐	1000.000	995.284	297302.39	0.1548	P	0.4
8	☐			147.78	0.0001	P	19.8

$$y = 1.5550E-004 * x + 1.2260E-006$$

$$R = 0.9999$$

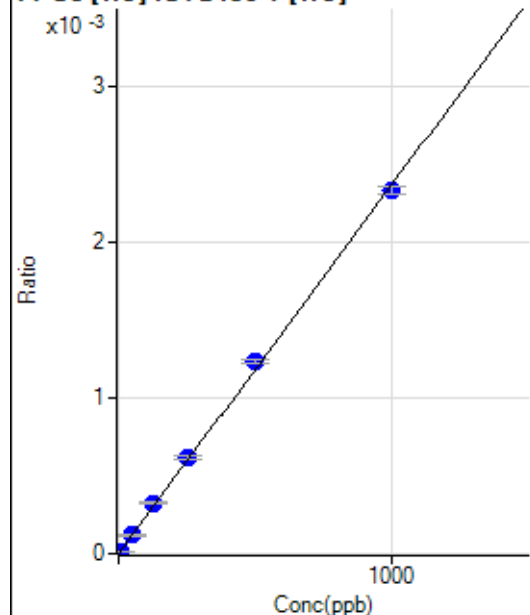
$$DL = 0.04097$$

$$BEC = 0.007884$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.507	28.89	0.0000	P	16.1
3	☐	50.000	51.560	224.45	0.0001	P	9.0
4	☐	125.000	137.036	598.91	0.0003	P	5.3
5	☐	250.000	261.354	1160.06	0.0006	P	2.7
6	☐	500.000	521.956	2368.01	0.0012	P	2.8
7	☐	1000.000	984.594	4465.19	0.0023	P	2.2
8	☐			4.45	0.0000	P	86.6

$$y = 2.3612\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

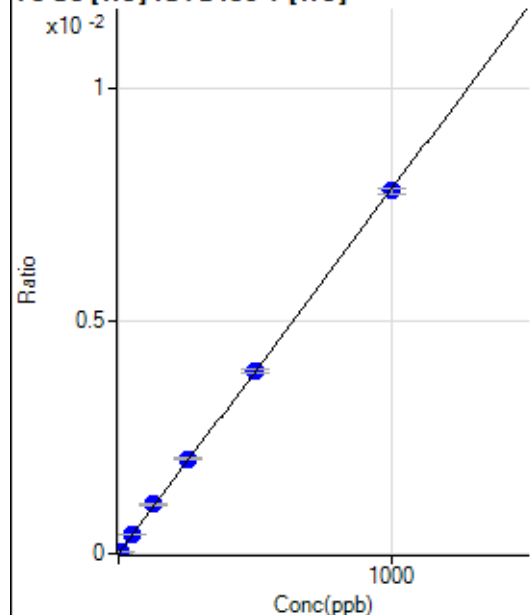
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.
2	☐	5.000	6.184	95.55	0.0001	P	4.6
3	☐	50.000	53.164	773.37	0.0004	P	4.5
4	☐	125.000	136.318	1983.49	0.0011	P	3.3
5	☐	250.000	259.317	3826.12	0.0020	P	2.7
6	☐	500.000	501.272	7558.78	0.0039	P	2.1
7	☐	1000.000	995.456	15000.33	0.0078	P	1.4
8	☐			11.11	0.0000	P	62.0

$$y = 7.8421\text{E-}006 * x + 2.4433\text{E-}006$$

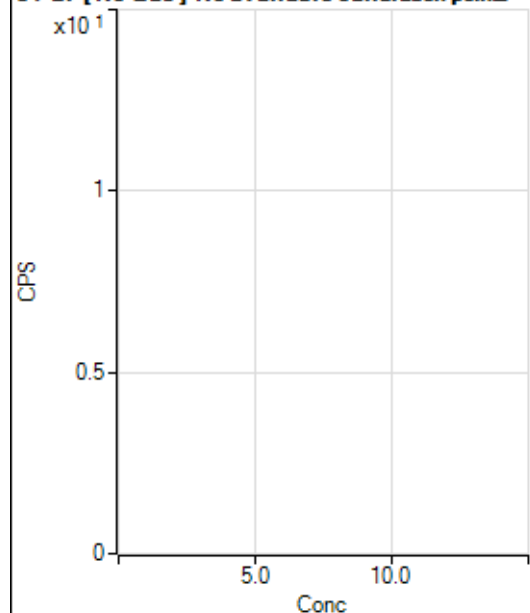
$$R = 0.9999$$

$$DL = 1.075$$

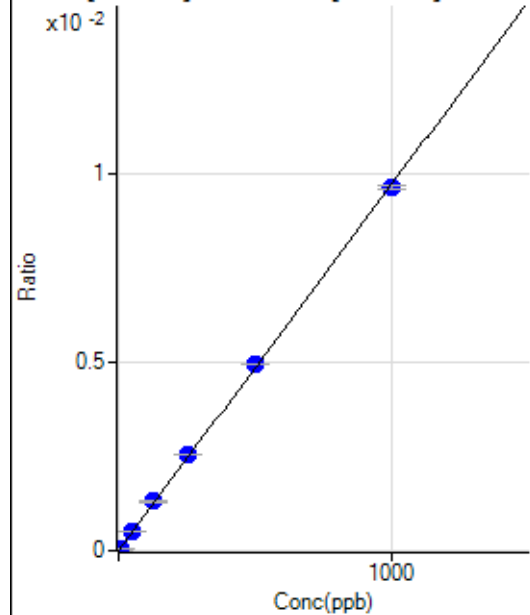
$$BEC = 0.3116$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6713.89		P	4.0
2	☐			6871.76		P	0.2
3	☐			7047.39		P	2.5
4	☐			7241.93		P	2.9
5	☐			7647.71		P	1.7
6	☐			7808.92		P	2.0
7	☐			7977.90		P	2.3
8	☐			8232.50		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.77	0.0000	P	161.
2	☐	5.000	5.321	1403.43	0.0001	P	1.5
3	☐	50.000	53.516	13997.28	0.0005	P	1.7
4	☐	125.000	134.532	34898.36	0.0013	P	1.4
5	☐	250.000	262.173	69551.22	0.0026	P	0.5
6	☐	500.000	509.453	134555.03	0.0050	P	0.7
7	☐	1000.000	990.861	265731.33	0.0096	P	1.1
8	☐			8.89	0.0000	P	426.

$$y = 9.7273E-006 * x + 1.0455E-006$$

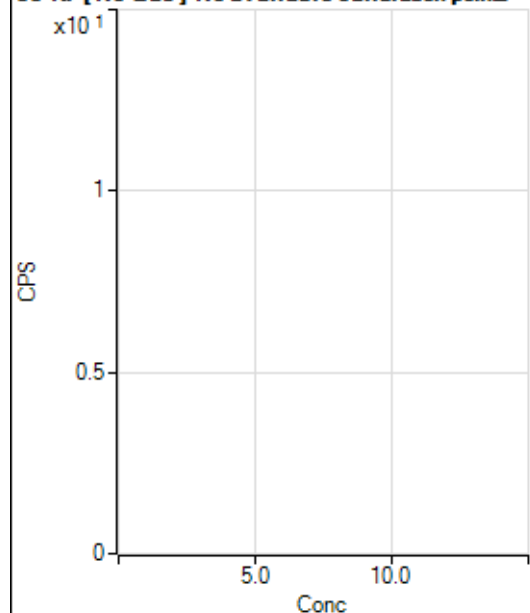
$$R = 0.9998$$

$$DL = 0.52$$

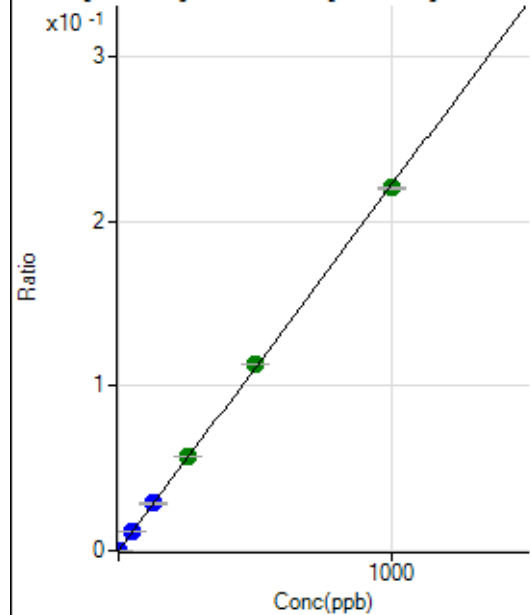
$$BEC = 0.1075$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			181.12		P	3.8
2	☐			188.89		P	12.8
3	☐			224.45		P	11.3
4	☐			224.45		P	15.5
5	☐			195.56		P	6.5
6	☐			267.78		P	14.3
7	☐			292.23		P	16.6
8	☐			404.45		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	373.34	0.0000	P	14.9
2	☐	1.000	1.010	6329.28	0.0002	P	2.6
3	☐	50.000	50.838	303100.89	0.0113	P	1.4
4	☐	125.000	129.078	763740.91	0.0287	P	0.5
5	☐	250.000	259.167	1568342.39	0.0575	A	0.6
6	☐	500.000	509.802	3071584.54	0.1131	A	0.8
7	☐	1000.000	992.256	6070754.07	0.2202	A	0.8
8	☐			14547.68	0.0006	P	1.9

$$y = 2.2192E-004 * x + 1.4088E-005$$

$$R = 0.9999$$

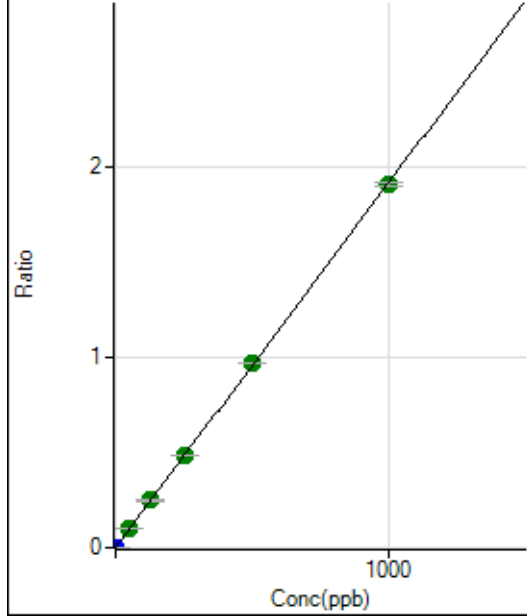
$$DL = 0.02832$$

$$BEC = 0.06348$$

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	262.23	0.0000	P	13.7
2	☐	1.000	1.016	51859.10	0.0020	P	0.9
3	☐	50.000	51.812	2657016.76	0.0990	A	1.3
4	☐	125.000	129.761	6608120.74	0.2480	A	0.9
5	☐	250.000	252.660	13162869.11	0.4828	A	0.9
6	☐	500.000	507.548	26329759.60	0.9699	A	0.2
7	☐	1000.000	994.875	52410720.89	1.9012	A	1.1
8	☐			125702.84	0.0053	P	1.4

$$y = 0.0019 * x + 9.8874E-006$$

$$R = 0.9999$$

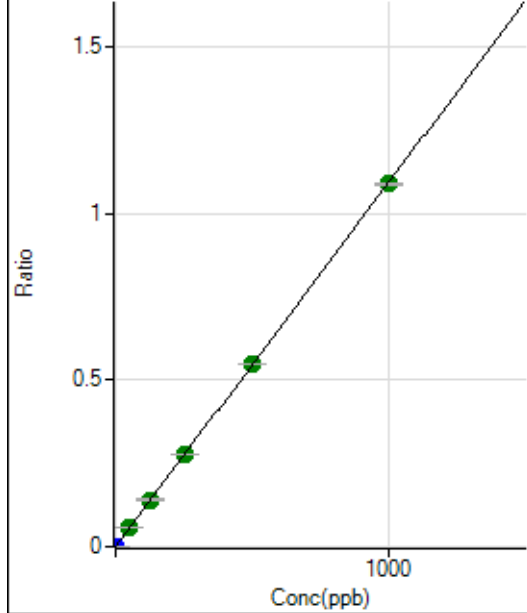
$$DL = 0.002132$$

$$BEC = 0.005174$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	842.26	0.0000	P	3.2
2	☐	1.000	1.060	31660.35	0.0012	P	0.7
3	☐	50.000	51.489	1511682.76	0.0563	A	1.6
4	☐	125.000	129.175	3764874.46	0.1413	A	1.5
5	☐	250.000	253.085	7545669.20	0.2768	A	0.3
6	☐	500.000	503.433	14945739.78	0.5506	A	0.4
7	☐	1000.000	996.916	30053992.33	1.0902	A	0.8
8	☐			15937.03	0.0007	P	4.9

$$y = 0.0011 * x + 3.1763E-005$$

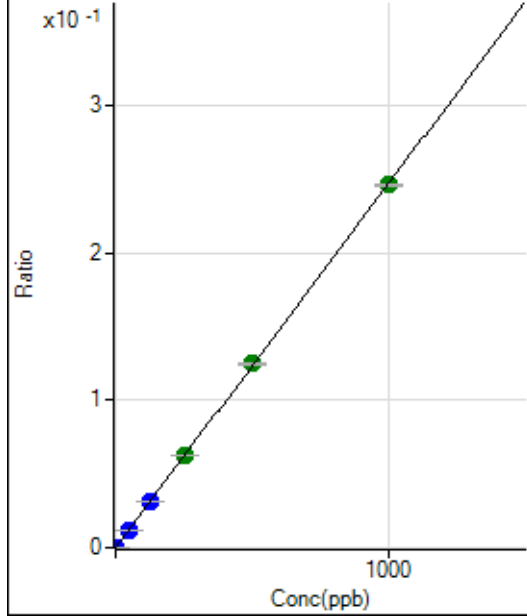
$$R = 1.0000$$

$$DL = 0.002816$$

$$BEC = 0.02905$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	198.89	0.0000	P	18.3
2	☐	1.000	1.005	6785.05	0.0003	P	3.1
3	☐	50.000	49.575	328295.49	0.0122	P	2.0
4	☐	125.000	125.137	822692.96	0.0309	P	0.6
5	☐	250.000	253.544	1705002.39	0.0625	A	0.9
6	☐	500.000	504.585	3378793.42	0.1245	A	0.9
7	☐	1000.000	996.825	6778198.09	0.2459	A	0.7
8	☐			3637.18	0.0002	P	2.5

$$y = 2.4665\text{E-}004 * x + 7.5002\text{E-}006$$

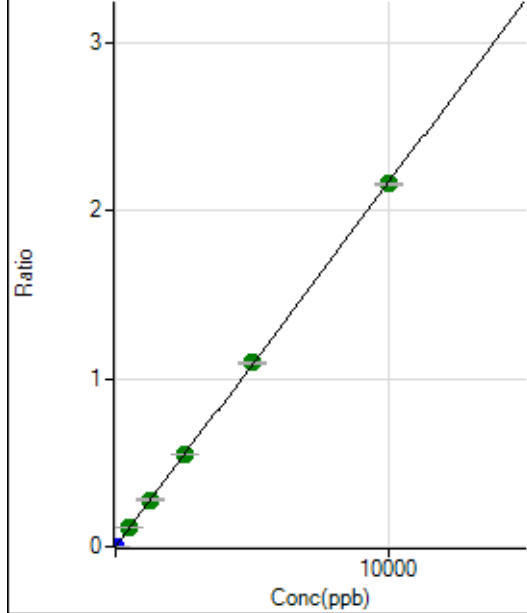
$$R = 1.0000$$

$$DL = 0.01672$$

$$BEC = 0.03041$$

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	328.90	0.0000	P	14.0
2	☐	5.000	6.233	36220.43	0.0014	P	2.2
3	☐	500.000	511.705	2975544.99	0.1109	A	1.8
4	☐	1250.000	1290.289	7450729.75	0.2796	A	1.0
5	☐	2500.000	2535.388	14977262.97	0.5494	A	1.3
6	☐	5000.000	5046.188	29684472.06	1.0935	A	0.3
7	☐	10000.000	9962.437	59513277.45	2.1588	A	0.3
8	☐			14276.46	0.0006	P	16.1

$$y = 2.1669\text{E-}004 * x + 1.2399\text{E-}005$$

$$R = 1.0000$$

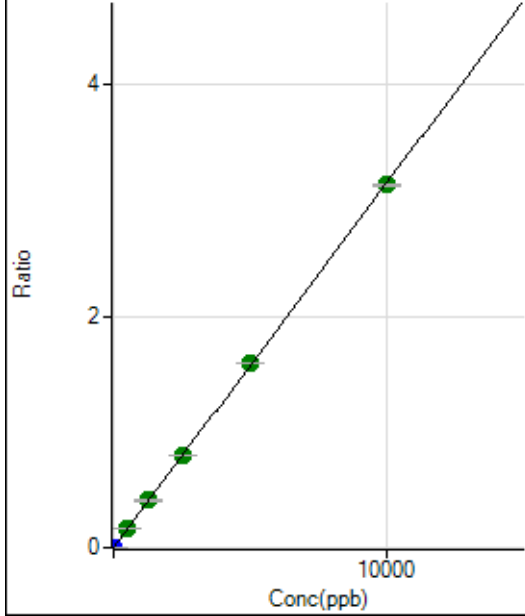
$$DL = 0.02404$$

$$BEC = 0.05722$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	115.56	0.0000	P	21.5
2	☐	5.000	5.271	44187.75	0.0017	P	1.3
3	☐	500.000	511.635	4319374.80	0.1610	A	1.6
4	☐	1250.000	1293.524	10844540.53	0.4070	A	0.9
5	☐	2500.000	2526.748	21671124.95	0.7950	A	1.1
6	☐	5000.000	5058.805	43206127.13	1.5916	A	0.5
7	☐	10000.000	9957.888	86367316.49	3.1329	A	0.4
8	☐			14403.24	0.0006	P	13.2

$$y = 3.1462\text{E-}004 * x + 4.3549\text{E-}006$$

$$R = 1.0000$$

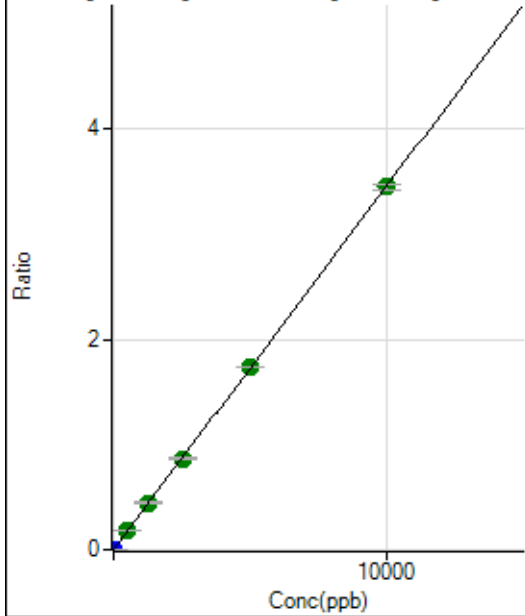
$$DL = 0.008916$$

$$BEC = 0.01384$$

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	167.78	0.0000	P	17.6
2	☐	5.000	5.292	48742.83	0.0018	P	0.7
3	☐	500.000	511.005	4735959.62	0.1765	A	1.2
4	☐	1250.000	1293.401	11904002.74	0.4467	A	0.6
5	☐	2500.000	2503.306	23568440.48	0.8646	A	1.5
6	☐	5000.000	5020.954	47075909.30	1.7341	A	0.4
7	☐	10000.000	9982.721	95046579.70	3.4478	A	1.3
8	☐			18777.45	0.0008	P	12.3

$$y = 3.4538\text{E-}004 * x + 6.3299\text{E-}006$$

$$R = 1.0000$$

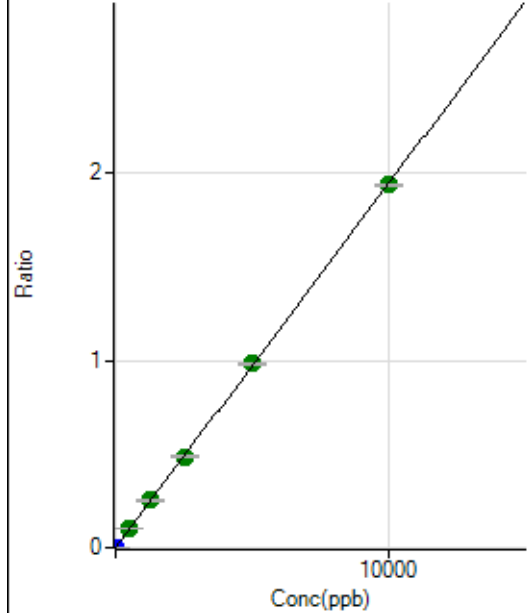
$$DL = 0.00967$$

$$BEC = 0.01833$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0000	P	18.9
2	☐	5.000	5.280	27379.27	0.0010	P	1.0
3	☐	500.000	510.131	2663998.68	0.0993	A	1.5
4	☐	1250.000	1297.828	6730159.20	0.2526	A	1.5
5	☐	2500.000	2508.677	13308633.00	0.4882	A	1.6
6	☐	5000.000	5048.874	26673502.38	0.9826	A	1.0
7	☐	10000.000	9966.909	53472244.76	1.9397	A	0.8
8	☐			7060.78	0.0003	P	14.7

$$y = 1.9461E-004 * x + 2.6803E-006$$

$$R = 1.0000$$

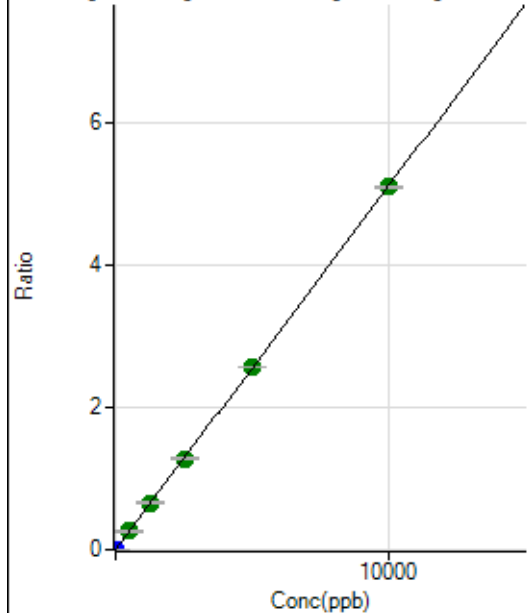
$$DL = 0.007828$$

$$BEC = 0.01377$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.34	0.0000	P	8.2
2	☐	5.000	5.231	71302.84	0.0027	P	1.4
3	☐	500.000	505.049	6933663.37	0.2584	A	1.3
4	☐	1250.000	1293.543	17635784.46	0.6618	A	1.3
5	☐	2500.000	2507.265	34969910.59	1.2828	A	0.5
6	☐	5000.000	5026.878	69817791.74	2.5719	A	0.2
7	☐	10000.000	9979.049	140748210.1	5.1056	A	0.3
8	☐			17392.43	0.0007	P	17.7

$$y = 5.1163E-004 * x + 6.5371E-006$$

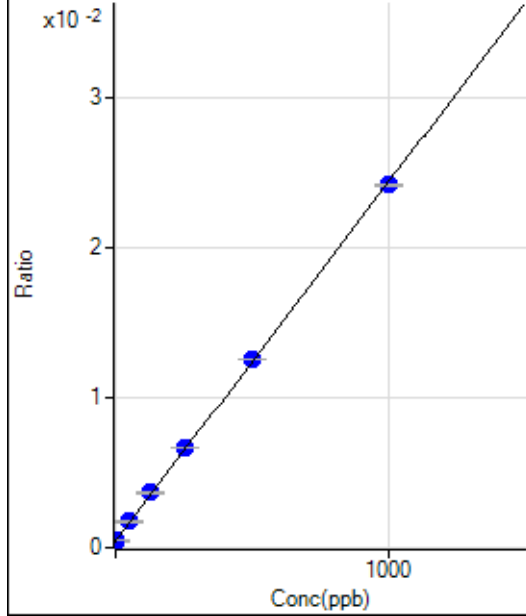
$$R = 1.0000$$

$$DL = 0.003157$$

$$BEC = 0.01278$$

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	8643.87	0.0004	P	3.7
2	☐	1.000	1.009	9127.55	0.0005	P	2.6
3	☐	50.000	53.809	34108.70	0.0017	P	2.1
4	☐	125.000	134.330	71863.50	0.0037	P	1.3
5	☐	250.000	260.627	133040.58	0.0067	P	1.4
6	☐	500.000	507.181	251944.02	0.0126	P	0.5
7	☐	1000.000	992.396	484666.21	0.0242	P	0.6
8	☐			7335.35	0.0004	P	2.3

$$y = 2.3943\text{E-}005 * x + 4.4521\text{E-}004$$

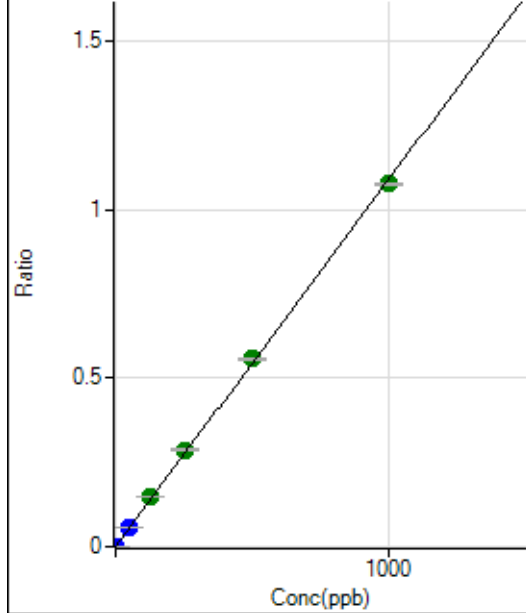
$$R = 0.9999$$

$$DL = 2.06$$

$$BEC = 18.59$$

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	188.89	0.0000	P	6.9
2	☐	1.000	1.064	22709.90	0.0012	P	0.8
3	☐	50.000	53.123	1137683.72	0.0578	P	0.9
4	☐	125.000	135.839	2901224.19	0.1478	A	2.1
5	☐	250.000	264.523	5728422.62	0.2879	A	0.9
6	☐	500.000	512.117	11152943.31	0.5573	A	0.8
7	☐	1000.000	988.800	21544183.29	1.0760	A	0.6
8	☐			3228.20	0.0002	P	18.8

$$y = 0.0011 * x + 9.7304\text{E-}006$$

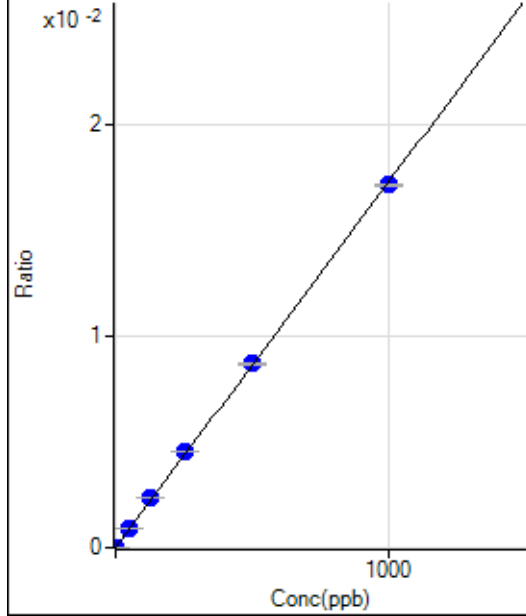
$$R = 0.9997$$

$$DL = 0.001859$$

$$BEC = 0.008942$$

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	15.56	0.0000	P	33.0
2	☐	1.000	1.147	401.12	0.0000	P	15.4
3	☐	50.000	54.152	18415.69	0.0009	P	1.4
4	☐	125.000	136.611	46314.12	0.0024	P	1.2
5	☐	250.000	263.075	90413.74	0.0045	P	1.4
6	☐	500.000	504.380	174316.81	0.0087	P	1.0
7	☐	1000.000	992.882	343288.06	0.0171	P	0.6
8	☐			164.45	0.0000	P	20.6

$$y = 1.7267\text{E-}005 * x + 8.0183\text{E-}007$$

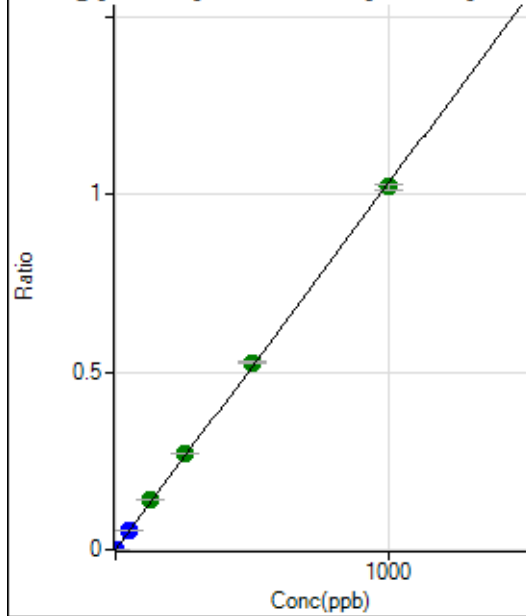
$$R = 0.9999$$

$$DL = 0.04591$$

$$BEC = 0.04644$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.00	0.0000	P	4.5
2	☐	1.000	1.075	21622.62	0.0011	P	2.2
3	☐	50.000	53.659	1088103.97	0.0553	P	1.0
4	☐	125.000	137.887	2788986.14	0.1421	A	0.4
5	☐	250.000	263.405	5401752.91	0.2714	A	0.6
6	☐	500.000	509.895	10515799.29	0.5254	A	0.9
7	☐	1000.000	989.907	20423629.00	1.0201	A	1.6
8	☐			2920.35	0.0002	P	23.0

$$y = 0.0010 * x + 4.1210\text{E-}006$$

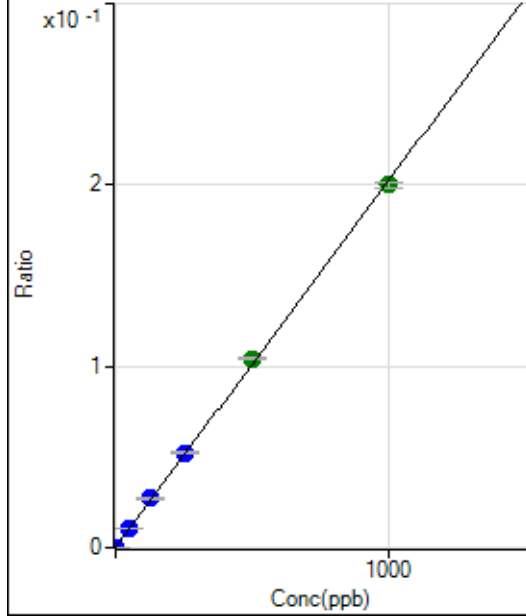
$$R = 0.9998$$

$$DL = 0.0005429$$

$$BEC = 0.003999$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1734.55	0.0001	P	4.0
2	☐	1.000	1.141	6226.68	0.0003	P	3.3
3	☐	50.000	52.687	211493.23	0.0107	P	1.2
4	☐	125.000	134.054	533998.94	0.0272	P	1.5
5	☐	250.000	259.061	1044697.24	0.0525	P	1.2
6	☐	500.000	515.365	2088327.07	0.1043	A	1.0
7	☐	1000.000	988.786	4006757.51	0.2001	A	1.4
8	☐			2257.55	0.0001	P	6.0

$$y = 2.0230E-004 * x + 8.9340E-005$$

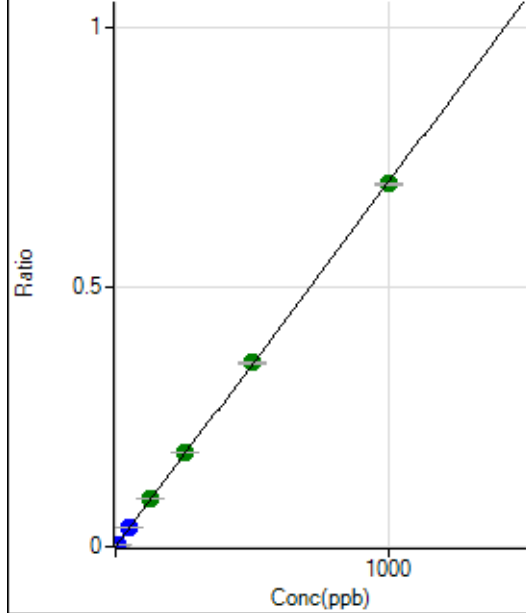
$$R = 0.9998$$

$$DL = 0.05315$$

$$BEC = 0.4416$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1381.20	0.0001	P	9.8
2	☐	5.000	5.335	74306.70	0.0038	P	2.1
3	☐	50.000	51.847	718544.17	0.0365	P	0.9
4	☐	125.000	131.425	1814516.99	0.0925	A	2.1
5	☐	250.000	258.046	3611201.72	0.1815	A	0.4
6	☐	500.000	503.905	7090489.06	0.3543	A	0.6
7	☐	1000.000	995.139	14007363.96	0.6996	A	0.7
8	☐			4112.88	0.0002	P	6.8

$$y = 7.0294E-004 * x + 7.1137E-005$$

$$R = 0.9999$$

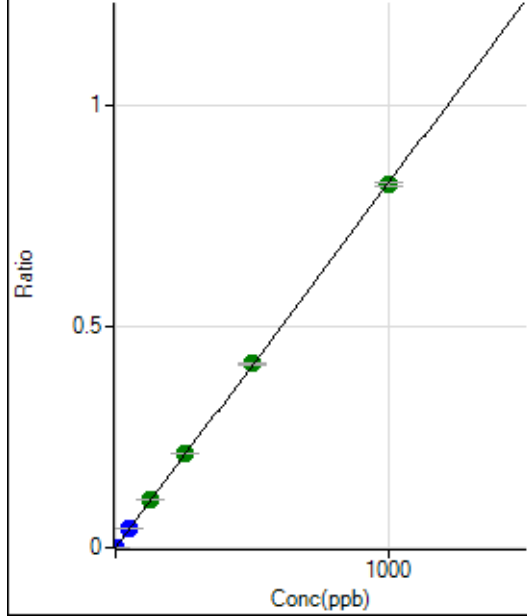
$$DL = 0.02982$$

$$BEC = 0.1012$$

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	45.56	0.0000	P	11.5
2	☐	2.000	2.118	33982.24	0.0017	P	0.8
3	☐	50.000	50.969	826521.01	0.0420	P	1.1
4	☐	125.000	132.771	2147432.75	0.1094	A	1.7
5	☐	250.000	258.177	4233941.60	0.2128	A	0.8
6	☐	500.000	503.750	8308116.61	0.4151	A	0.3
7	☐	1000.000	995.061	16418047.12	0.8200	A	1.1
8	☐			9816.93	0.0006	P	3.1

$$y = 8.2407\text{E-}004 * x + 2.3471\text{E-}006$$

$$R = 0.9999$$

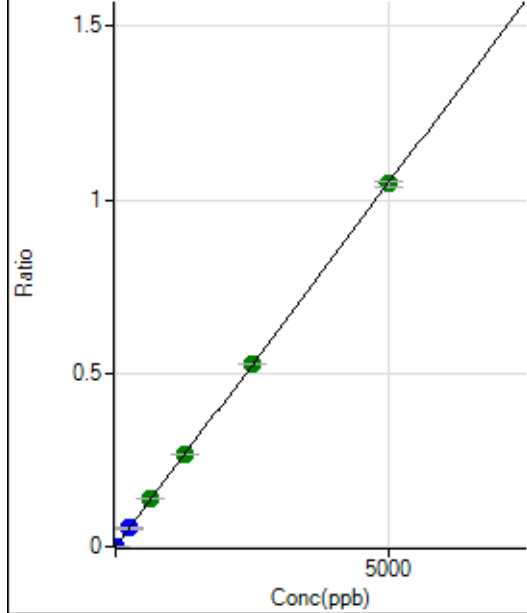
$$DL = 0.0009798$$

$$BEC = 0.002848$$

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	142.22	0.0000	P	9.5
2	☐	10.000	10.694	43733.72	0.0022	P	3.1
3	☐	250.000	252.418	1041517.40	0.0529	P	1.1
4	☐	625.000	658.274	2709104.91	0.1380	A	0.9
5	☐	1250.000	1266.460	5284361.69	0.2655	A	1.1
6	☐	2500.000	2508.642	10526672.90	0.5260	A	0.8
7	☐	5000.000	4987.282	20936593.99	1.0457	A	1.3
8	☐			7767.85	0.0004	P	4.0

$$y = 2.0967\text{E-}004 * x + 7.3254\text{E-}006$$

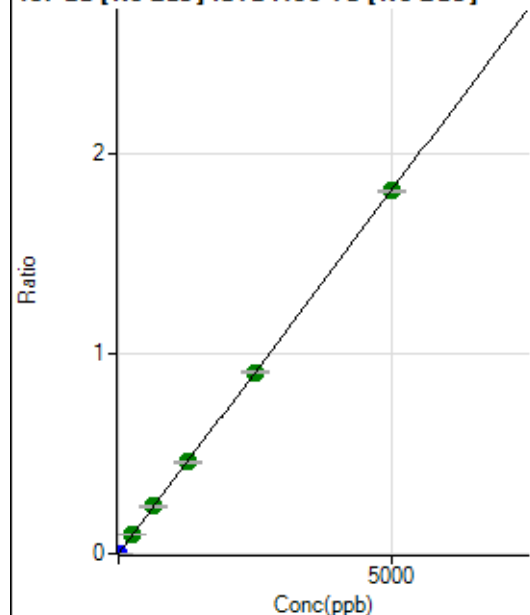
$$R = 1.0000$$

$$DL = 0.00991$$

$$BEC = 0.03494$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	213.34	0.0000	P	12.0
2	☐	10.000	10.719	75874.21	0.0039	P	0.9
3	☐	250.000	259.221	1851598.05	0.0941	A	1.9
4	☐	625.000	651.318	4640146.18	0.2364	A	2.0
5	☐	1250.000	1264.854	9136805.56	0.4591	A	1.3
6	☐	2500.000	2498.303	18149006.26	0.9069	A	0.9
7	☐	5000.000	4993.383	36291883.35	1.8125	A	0.4
8	☐			13876.11	0.0008	P	5.5

$$y = 3.6299E-004 * x + 1.0990E-005$$

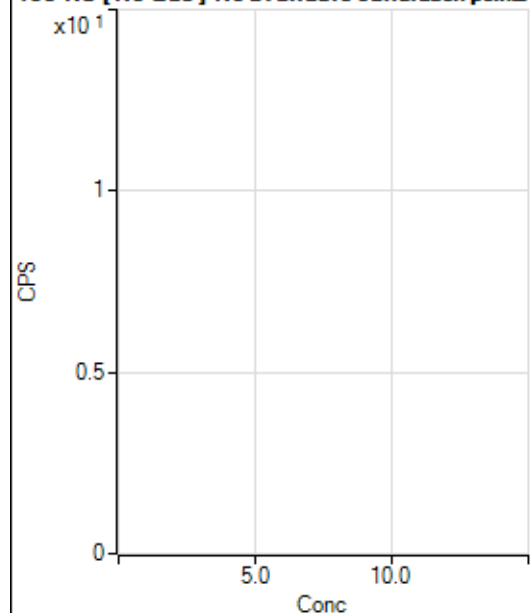
$$R = 1.0000$$

$$DL = 0.01087$$

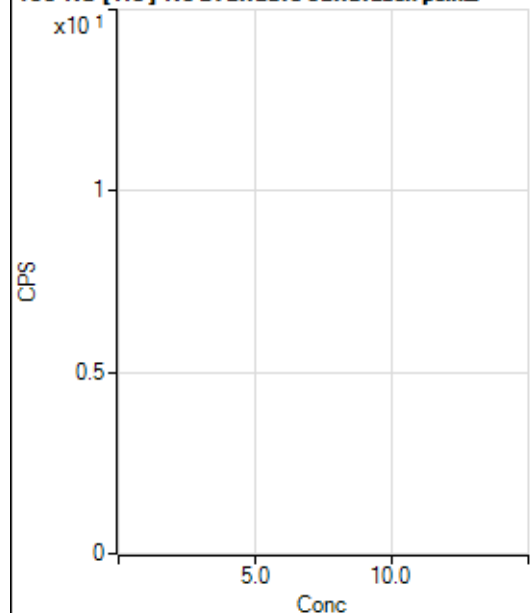
$$BEC = 0.03028$$

Weight: <None>

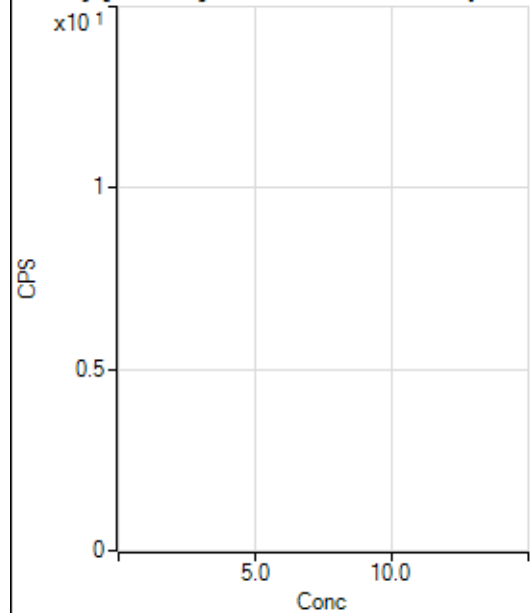
Min Conc: 0

150 Nd [No Gas] No available calibration points

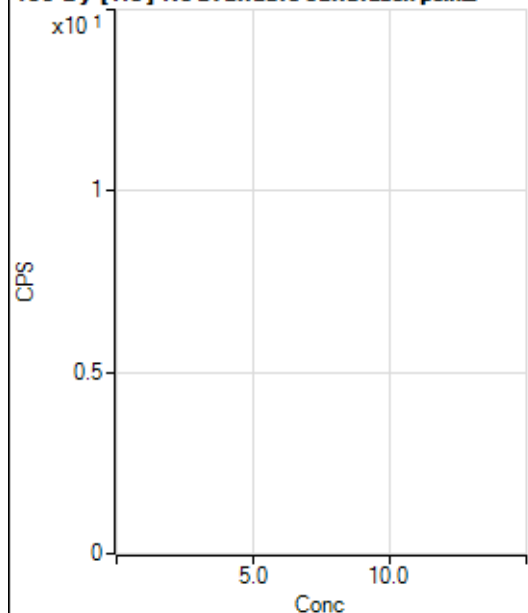
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	100.
2	☐			21.11		P	39.7
3	☐			96.67		P	26.0
4	☐			251.12		P	7.3
5	☐			471.12		P	2.5
6	☐			882.26		P	3.3
7	☐			1790.14		P	2.0
8	☐			304.45		P	12.1

150 Nd [He] No available calibration points

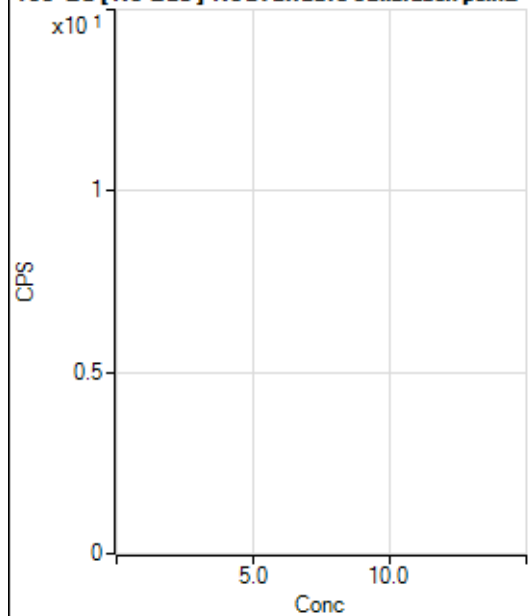
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			8.89		P	21.6
4	☐			6.67		P	86.6
5	☐			21.11		P	39.7
6	☐			33.33		P	30.0
7	☐			44.45		P	37.7
8	☐			87.78		P	4.4

156 Dy [No Gas] No available calibration points

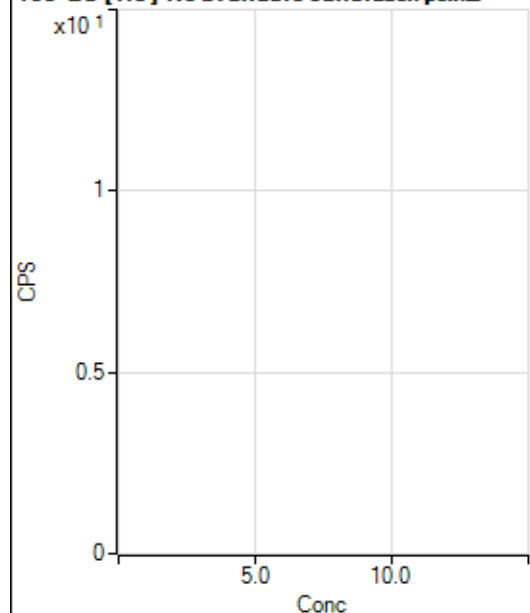
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐			31.11		P	12.4
3	☐			44.44		P	38.5
4	☐			75.55		P	35.4
5	☐			113.34		P	20.4
6	☐			214.45		P	17.7
7	☐			408.90		P	13.3
8	☐			637.80		P	7.0

156 Dy [He] No available calibration points

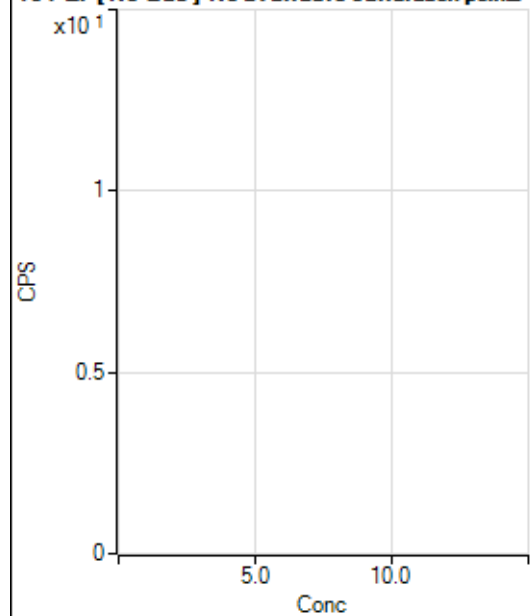
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	50.0
3	☐			8.89		P	57.3
4	☐			15.56		P	32.7
5	☐			11.11		P	34.6
6	☐			25.56		P	39.8
7	☐			65.56		P	32.7
8	☐			170.00		P	3.4

160 Gd [No Gas] Noavailable calibration poin_

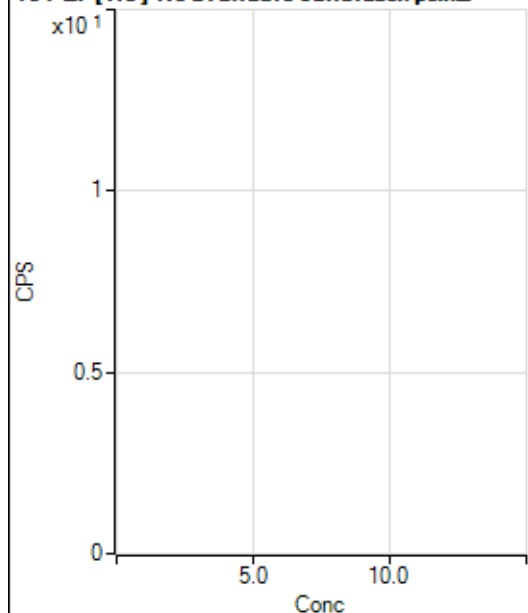
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.67		P	12.4
2	☐			90.00		P	3.7
3	☐			92.22		P	19.9
4	☐			133.34		P	12.5
5	☐			154.45		P	21.8
6	☐			154.45		P	2.5
7	☐			276.67		P	7.5
8	☐			696.69		P	3.9

160 Gd [He] No available calibration points

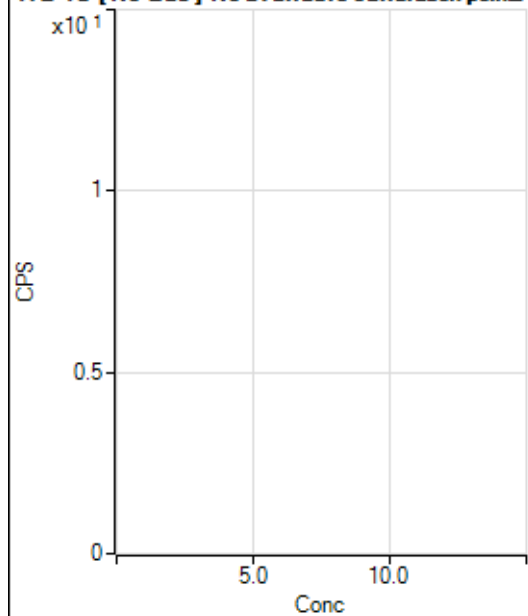
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐			23.33		P	37.8
3	☐			16.67		P	20.0
4	☐			18.89		P	56.7
5	☐			30.00		P	33.3
6	☐			48.89		P	3.9
7	☐			75.56		P	16.7
8	☐			238.89		P	11.9

164 Er [No Gas] No available calibration points

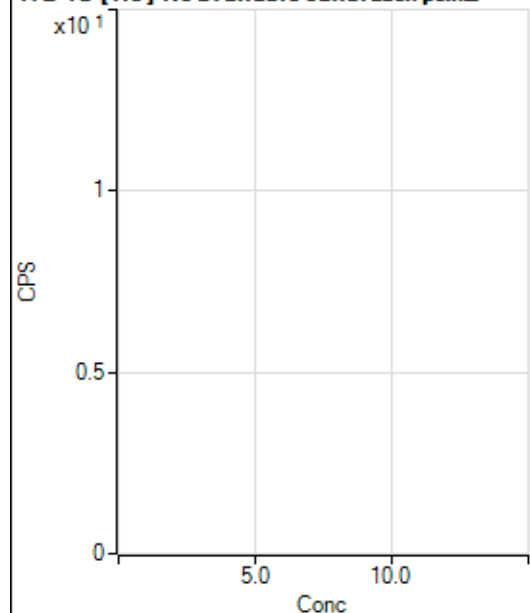
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	11.8
2	☐			87.78		P	9.6
3	☐			127.78		P	29.3
4	☐			140.00		P	17.2
5	☐			171.11		P	4.9
6	☐			183.34		P	11.9
7	☐			283.34		P	11.8
8	☐			708.92		P	6.1

164 Er [He] No available calibration points

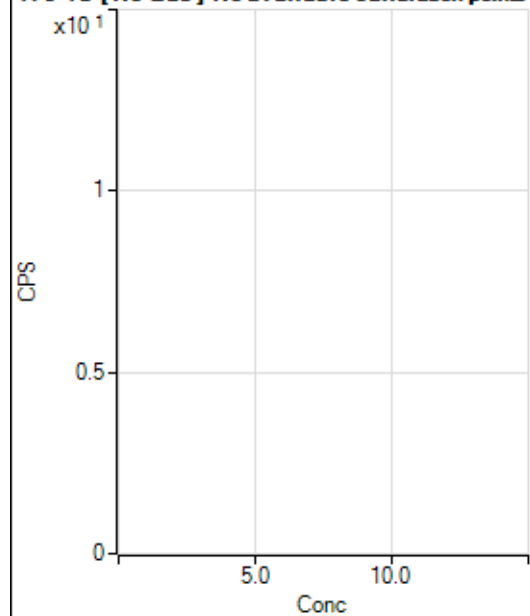
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	6.9
2	☐			42.22		P	16.4
3	☐			47.78		P	10.7
4	☐			25.55		P	27.1
5	☐			50.00		P	17.6
6	☐			68.89		P	17.0
7	☐			100.00		P	15.3
8	☐			215.56		P	5.9

172 Yb [No Gas] No available calibration points

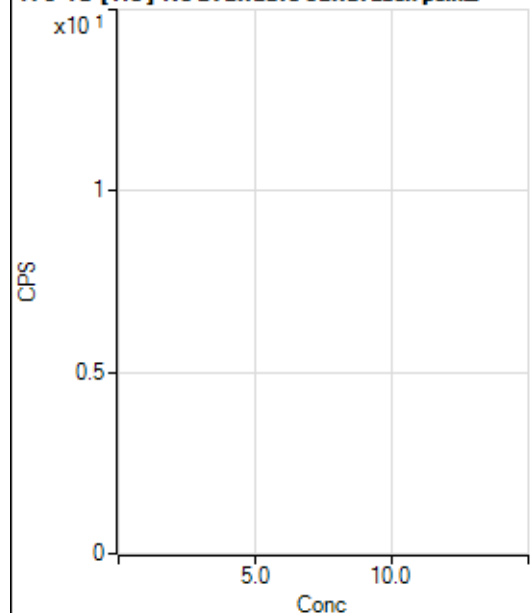
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	8.9
2	☐			125.56		P	18.8
3	☐			110.00		P	23.7
4	☐			137.78		P	11.9
5	☐			163.34		P	14.7
6	☐			206.67		P	8.5
7	☐			295.56		P	14.9
8	☐			788.92		P	12.0

172 Yb [He] No available calibration points

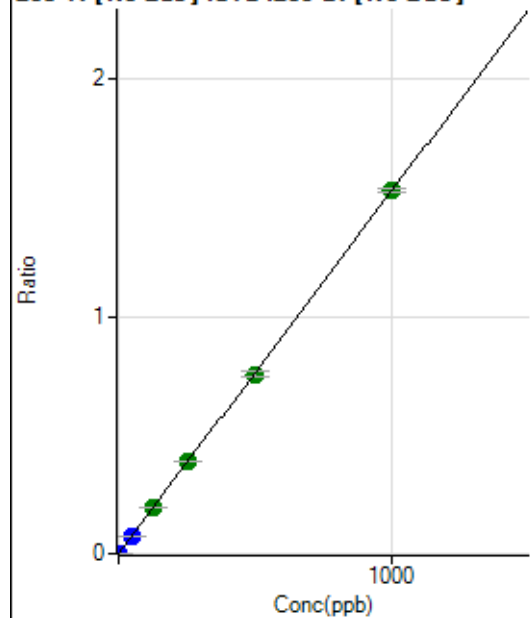
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	18.3
2	☐			38.89		P	32.4
3	☐			51.11		P	29.4
4	☐			43.33		P	13.3
5	☐			73.34		P	35.5
6	☐			82.22		P	16.4
7	☐			111.11		P	15.4
8	☐			288.89		P	10.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2601.40		P	5.2
2	☐			2643.63		P	2.5
3	☐			6427.18		P	1.0
4	☐			12444.83		P	1.1
5	☐			22906.63		P	1.8
6	☐			42304.17		P	0.4
7	☐			83560.86		P	0.8
8	☐			2758.09		P	5.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			416.68		P	7.6
2	☐			395.57		P	9.8
3	☐			1683.46		P	1.3
4	☐			3816.15		P	2.4
5	☐			7093.07		P	2.6
6	☐			13726.10		P	0.7
7	☐			27013.20		P	0.9
8	☐			523.35		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0000	P	13.8
2	☐	1.000	0.986	18854.88	0.0015	P	0.5
3	☐	50.000	48.910	919775.82	0.0748	P	1.7
4	☐	125.000	127.134	2374109.65	0.1944	A	1.0
5	☐	250.000	254.074	4679165.28	0.3884	A	0.7
6	☐	500.000	495.889	9058046.46	0.7580	A	2.5
7	☐	1000.000	1000.825	17795416.12	1.5299	A	1.1
8	☐			2105.75	0.0002	P	23.1

$$y = 0.0015 * x + 2.1391E-005$$

$$R = 1.0000$$

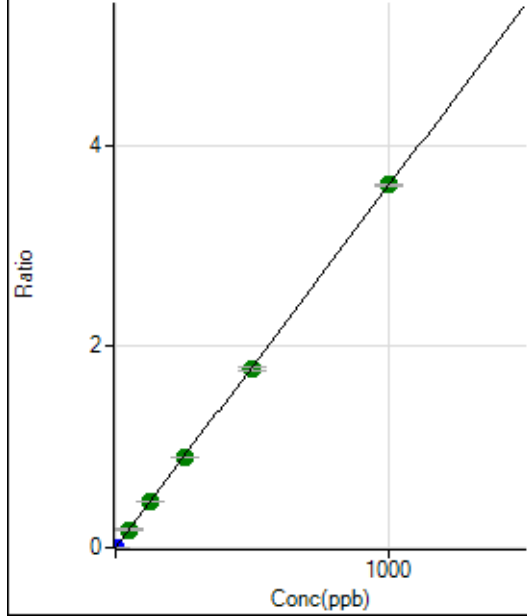
$$DL = 0.005804$$

$$BEC = 0.01399$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	600.02	0.0000	P	4.2
2	☐	1.000	0.986	44351.09	0.0036	P	2.1
3	☐	50.000	50.378	2229910.99	0.1813	A	0.9
4	☐	125.000	126.032	5539479.78	0.4535	A	0.5
5	☐	250.000	251.299	10892656.23	0.9042	A	0.7
6	☐	500.000	494.492	21262087.18	1.7791	A	1.3
7	☐	1000.000	1002.282	41944511.60	3.6060	A	0.8
8	☐			4942.14	0.0005	P	23.8

$$y = 0.0036 * x + 4.9122E-005$$

$$R = 1.0000$$

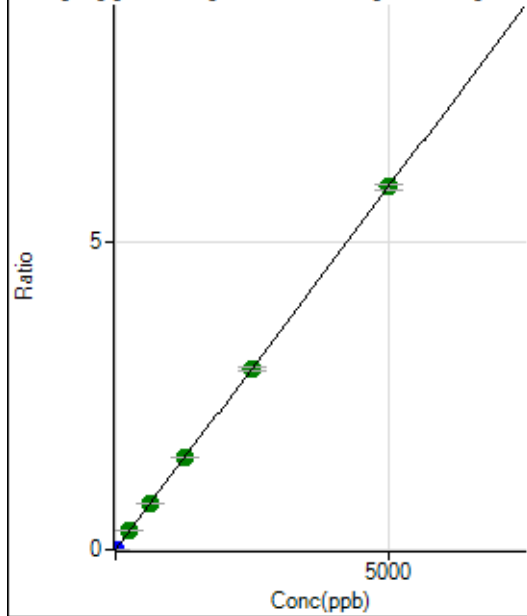
$$DL = 0.001719$$

$$BEC = 0.01365$$

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	1441.21	0.0001	P	1.9
2	☐	1.000	1.007	16108.98	0.0013	P	2.5
3	☐	250.000	254.666	3697775.12	0.3007	A	1.2
4	☐	625.000	631.542	9105492.44	0.7454	A	1.1
5	☐	1250.000	1268.069	18029221.68	1.4966	A	0.9
6	☐	2500.000	2492.471	35146714.75	2.9415	A	3.0
7	☐	5000.000	4998.196	68607460.09	5.8985	A	1.3
8	☐			21784.02	0.0023	P	6.0

$$y = 0.0012 * x + 1.1798E-004$$

$$R = 1.0000$$

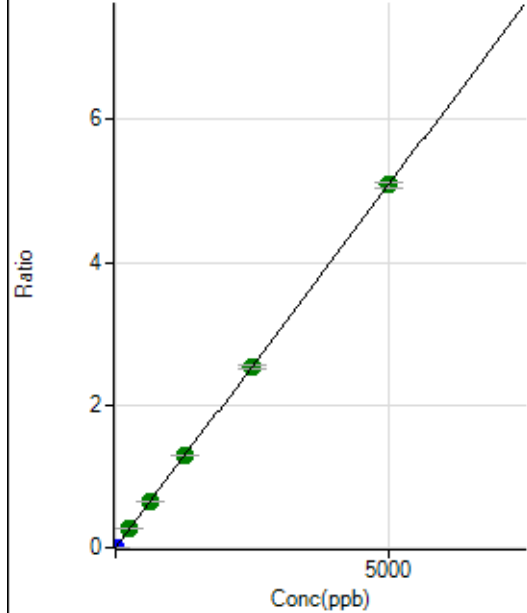
$$DL = 0.005725$$

$$BEC = 0.09998$$

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	1273.41	0.0001	P	1.4
2	☐	1.000	1.045	14379.19	0.0012	P	3.4
3	☐	250.000	254.405	3182666.20	0.2588	A	1.0
4	☐	625.000	636.162	7902025.92	0.6469	A	0.6
5	☐	1250.000	1268.836	15542303.52	1.2902	A	1.2
6	☐	2500.000	2486.800	30214094.83	2.5285	A	2.4
7	☐	5000.000	5000.276	59131514.68	5.0840	A	1.9
8	☐			18964.03	0.0020	P	7.5

$$y = 0.0010 * x + 1.0424E-004$$

$$R = 1.0000$$

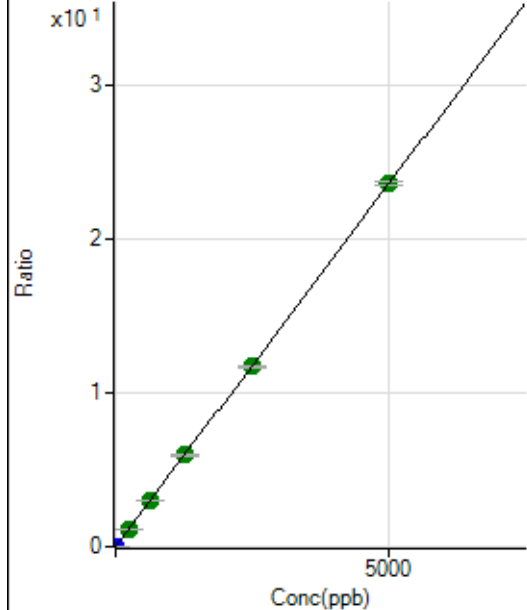
$$DL = 0.004164$$

$$BEC = 0.1025$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5703.88	0.0005	P	3.2
2	☐	1.000	1.024	65251.42	0.0053	P	1.7
3	☐	250.000	251.272	14568274.54	1.1844	A	0.5
4	☐	625.000	631.717	36365243.49	2.9770	A	0.2
5	☐	1250.000	1261.595	71617304.07	5.9449	A	1.2
6	☐	2500.000	2480.935	139699024.0	11.6903	A	1.9
7	☐	5000.000	5005.730	274350285.9	23.5867	A	1.1
8	☐			87419.74	0.0093	P	6.4

$$y = 0.0047 * x + 4.6697E-004$$

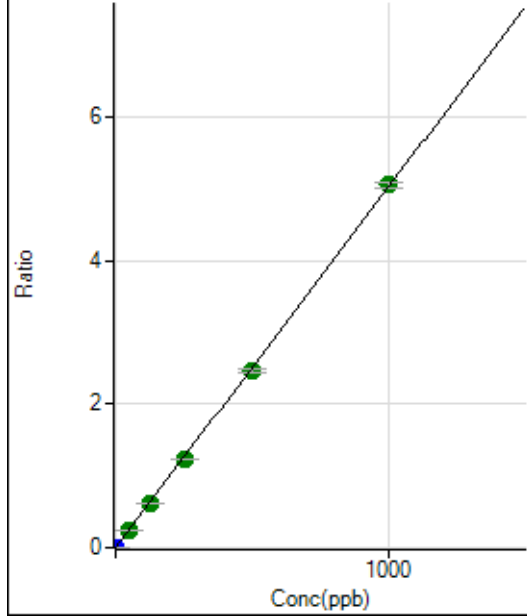
$$R = 1.0000$$

$$DL = 0.009391$$

$$BEC = 0.0991$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0000	P	22.3
2	☐	1.000	0.985	61130.41	0.0050	P	1.1
3	☐	50.000	49.117	3033679.15	0.2467	A	1.0
4	☐	125.000	122.340	7504251.49	0.6143	A	2.0
5	☐	250.000	245.507	14851732.00	1.2328	A	1.7
6	☐	500.000	490.644	29443949.84	2.4638	A	1.6
7	☐	1000.000	1006.178	58768231.90	5.0526	A	1.5
8	☐			4347.50	0.0005	P	27.9

$$y = 0.0050 * x + 1.2013E-005$$

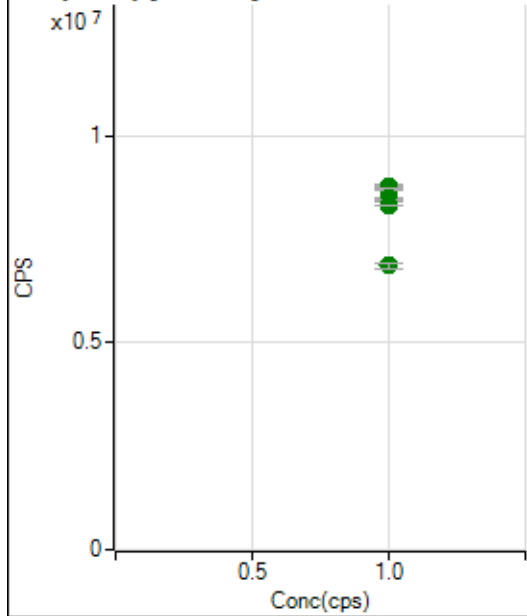
$$R = 0.9999$$

$$DL = 0.0016$$

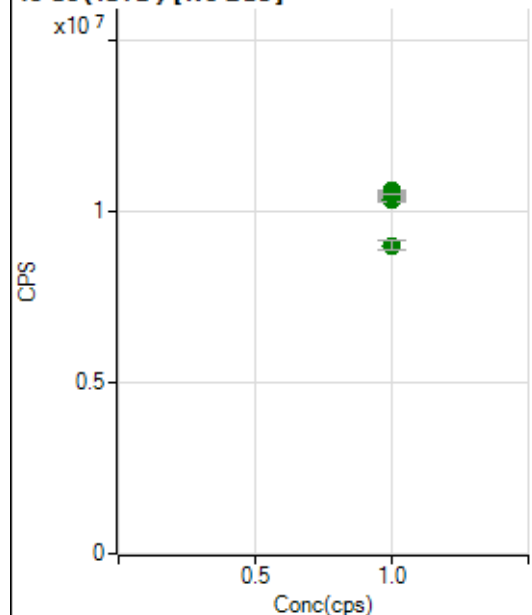
$$BEC = 0.002392$$

Weight: <None>

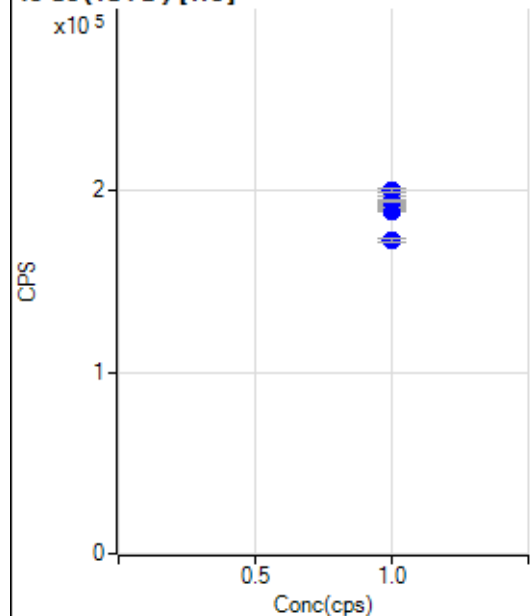
Min Conc: 0

6 Li (ISTD) [No Gas]

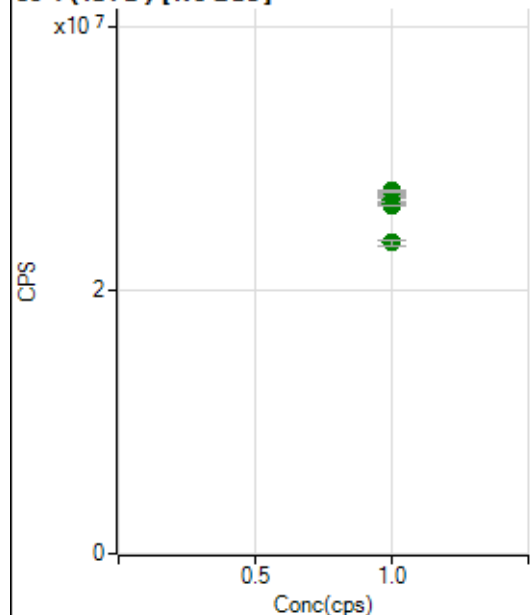
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8749338.53		A	1.3
2	☐	1.000		8755306.64		A	0.1
3	☐	1.000		8703403.55		A	0.3
4	☐	1.000		8496925.50		A	0.2
5	☐	1.000		8434651.72		A	1.0
6	☐	1.000		8456238.61		A	0.3
7	☐	1.000		8319306.46		A	0.2
8	☐	1.000		6850418.55		A	1.8

45 Sc (ISTD) [No Gas]

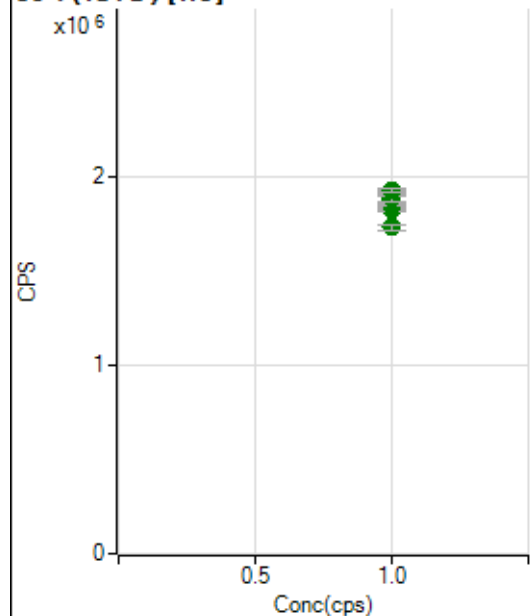
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10307349.01		A	0.3
2	☐	1.000		10314932.42		A	1.1
3	☐	1.000		10396492.90		A	1.6
4	☐	1.000		10336063.94		A	0.8
5	☐	1.000		10499062.97		A	0.7
6	☐	1.000		10597020.54		A	0.9
7	☐	1.000		10505883.94		A	0.5
8	☐	1.000		9007472.71		A	2.9

45 Sc (ISTD) [He]

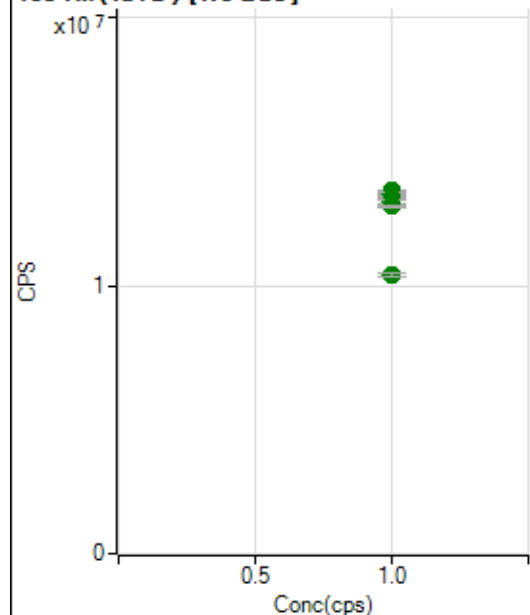
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		188743.15		P	0.6
2	☐	1.000		194495.90		P	2.7
3	☐	1.000		190108.34		P	0.2
4	☐	1.000		190818.94		P	0.5
5	☐	1.000		193616.40		P	0.6
6	☐	1.000		194010.69		P	0.4
7	☐	1.000		199733.19		P	1.1
8	☐	1.000		172818.44		P	1.2

89 Y (ISTD) [No Gas]

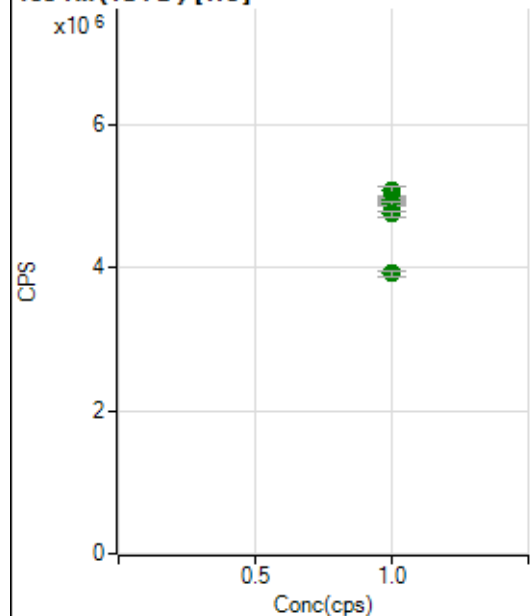
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26514125.71		A	0.5
2	☐	1.000		26576919.33		A	0.8
3	☐	1.000		26835071.55		A	1.0
4	☐	1.000		26648809.33		A	1.1
5	☐	1.000		27261466.54		A	0.7
6	☐	1.000		27146518.48		A	0.2
7	☐	1.000		27567807.37		A	0.3
8	☐	1.000		23617476.32		A	2.0

89 Y (ISTD) [He]

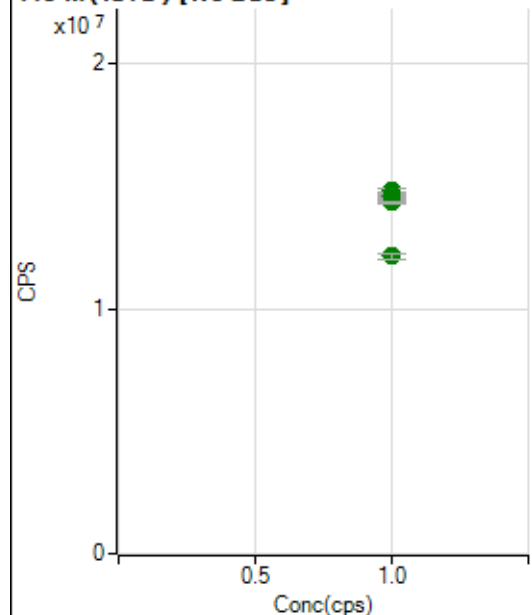
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1822015.84		A	0.6
2	☐	1.000		1876735.95		A	2.7
3	☐	1.000		1844202.07		A	1.0
4	☐	1.000		1851342.85		A	0.6
5	☐	1.000		1879639.80		A	1.3
6	☐	1.000		1921492.99		A	0.7
7	☐	1.000		1920951.20		A	1.1
8	☐	1.000		1727542.66		A	1.8

103 Rh (ISTD) [No Gas]

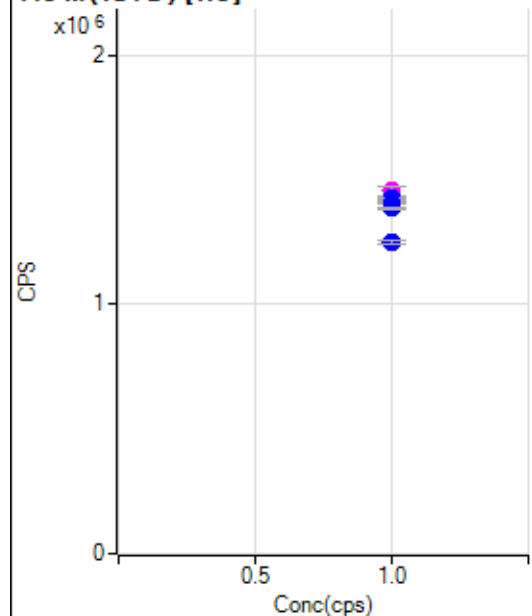
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13468323.69		A	0.8
2	☐	1.000		13547108.83		A	0.7
3	☐	1.000		13388965.22		A	0.3
4	☐	1.000		13434932.58		A	1.2
5	☐	1.000		13268684.52		A	0.2
6	☐	1.000		13132212.72		A	1.3
7	☐	1.000		12970077.58		A	0.7
8	☐	1.000		10386987.69		A	1.5

103 Rh (ISTD) [He]

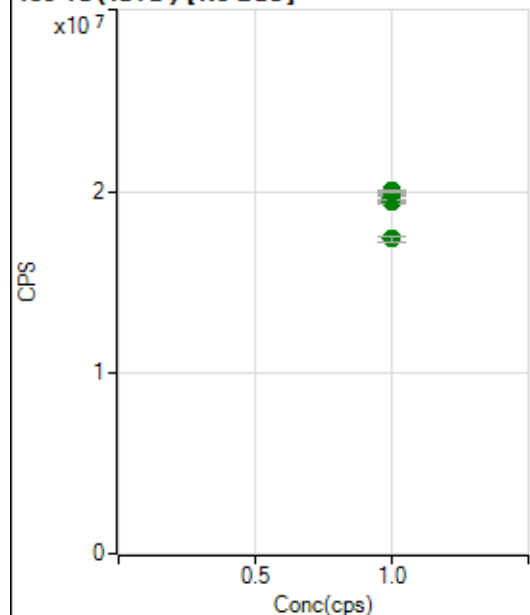
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4963818.78		A	0.6
2	☐	1.000		5079028.08		A	2.5
3	☐	1.000		4954857.39		A	0.7
4	☐	1.000		4920791.11		A	1.2
5	☐	1.000		4950184.16		A	0.7
6	☐	1.000		4898591.73		A	1.0
7	☐	1.000		4755307.88		A	1.8
8	☐	1.000		3918102.10		A	1.7

115 In (ISTD) [No Gas]

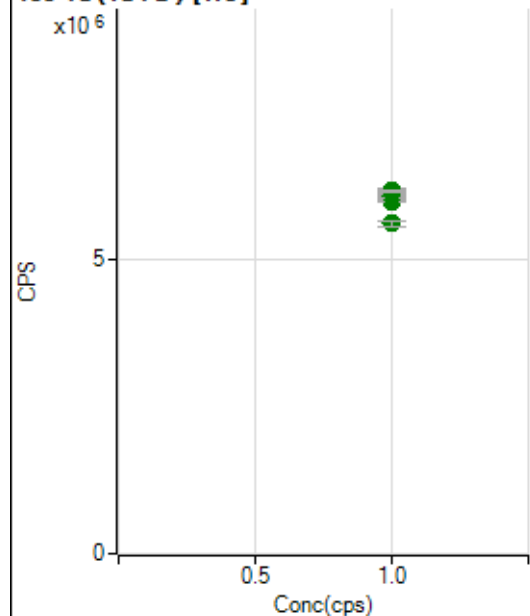
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14579367.27		A	0.3
2	☐	1.000		14647545.57		A	0.4
3	☐	1.000		14802427.61		A	1.0
4	☐	1.000		14657396.48		A	1.0
5	☐	1.000		14573952.12		A	1.3
6	☐	1.000		14494904.68		A	0.8
7	☐	1.000		14330857.18		A	0.7
8	☐	1.000		12121881.65		A	1.4

115 In (ISTD) [He]

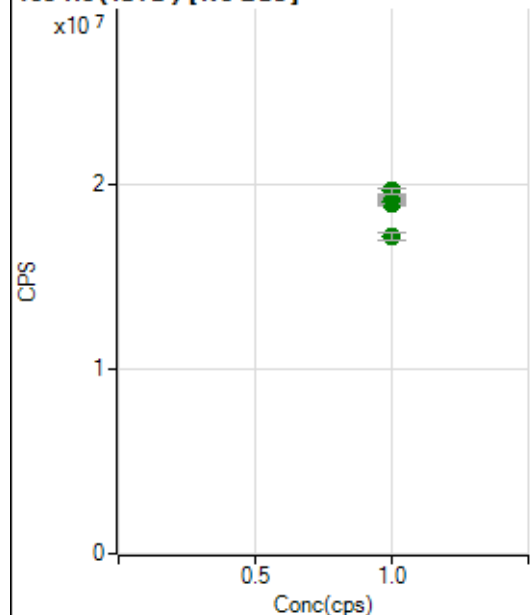
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1409801.56		P	0.5
2	☐	1.000		1454467.02		M	2.5
3	☐	1.000		1428113.34		P	0.2
4	☐	1.000		1422676.91		P	0.8
5	☐	1.000		1424079.18		P	0.7
6	☐	1.000		1404991.76		P	0.1
7	☐	1.000		1383906.16		P	0.3
8	☐	1.000		1247944.41		P	1.3

159 Tb (ISTD) [No Gas]

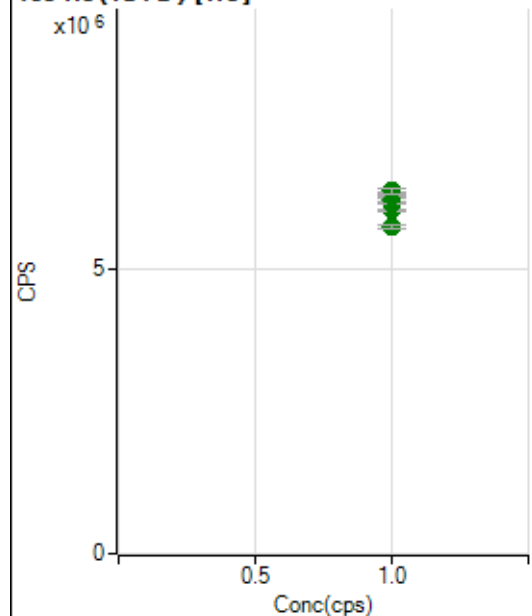
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19414855.40		A	0.4
2	☐	1.000		19447034.57		A	1.2
3	☐	1.000		19678241.37		A	1.1
4	☐	1.000		19628274.15		A	1.0
5	☐	1.000		19900629.98		A	0.4
6	☐	1.000		20013589.15		A	0.5
7	☐	1.000		20022576.92		A	0.5
8	☐	1.000		17352238.63		A	2.0

159 Tb (ISTD) [He]

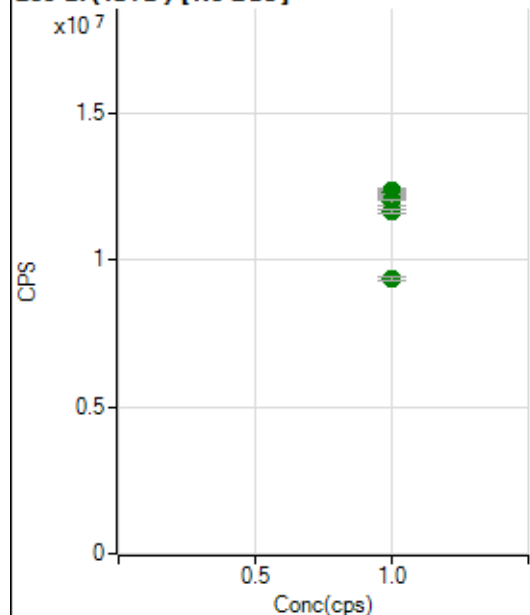
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5996544.63		A	0.8
2	☐	1.000		6148342.27		A	2.4
3	☐	1.000		6071832.20		A	0.8
4	☐	1.000		6080305.54		A	1.1
5	☐	1.000		6165550.74		A	1.6
6	☐	1.000		6162174.70		A	0.8
7	☐	1.000		6157028.52		A	0.5
8	☐	1.000		5615472.07		A	1.7

165 Ho (ISTD) [No Gas]

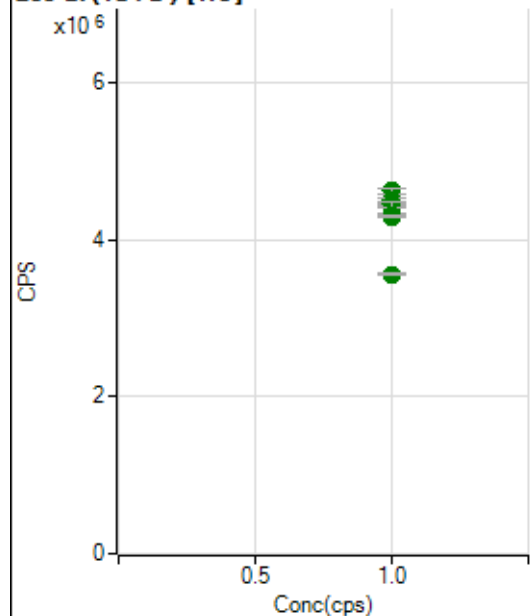
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19009008.47		A	0.7
2	☐	1.000		19120141.38		A	1.1
3	☐	1.000		19310267.21		A	1.1
4	☐	1.000		19351499.02		A	0.6
5	☐	1.000		19524832.21		A	0.4
6	☐	1.000		19481702.21		A	0.8
7	☐	1.000		19697730.54		A	1.4
8	☐	1.000		17223702.24		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6055879.91		A	0.6
2	☐	1.000		6222770.95		A	1.7
3	☐	1.000		6168107.34		A	0.5
4	☐	1.000		6221970.46		A	1.9
5	☐	1.000		6309187.20		A	0.3
6	☐	1.000		6323287.20		A	1.0
7	☐	1.000		6388061.02		A	1.5
8	☐	1.000		5752489.98		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12216358.71		A	0.9
2	☐	1.000		12331346.21		A	0.9
3	☐	1.000		12300237.59		A	1.1
4	☐	1.000		12215257.73		A	0.3
5	☐	1.000		12047291.49		A	0.5
6	☐	1.000		11952695.52		A	1.7
7	☐	1.000		11632398.30		A	1.1
8	☐	1.000		9349372.98		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4475536.25		A	0.9
2	☐	1.000		4627261.39		A	1.8
3	☐	1.000		4515747.50		A	1.0
4	☐	1.000		4439609.00		A	0.4
5	☐	1.000		4455575.18		A	1.4
6	☐	1.000		4319612.57		A	0.8
7	☐	1.000		4300545.11		A	0.6
8	☐	1.000		3560257.66		A	0.9