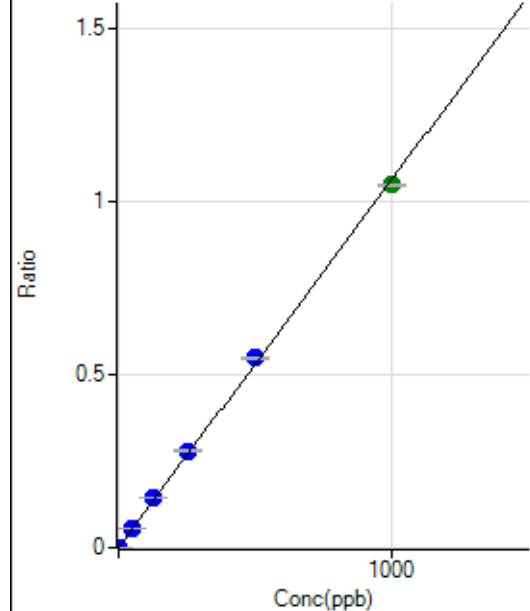


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7051524-PM.b\
 Analysis File: P7051524-PM.batch.bin
 DA Date-Time: 2024-05-15 17:49:23
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-05-15 15:37:23
2	005CALS.d	S02	2024-05-15 15:40:39
3	006CALS.d	S03	2024-05-15 15:43:56
4	007CALS.d	S04	2024-05-15 15:47:01
5	008CALS.d	S05	2024-05-15 15:49:56
6	009CALS.d	S06	2024-05-15 15:52:43
7	010CALS.d	S07	2024-05-15 15:55:31
8	011CALS.d	S08	2024-05-15 15:58:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0001	P	15.1
2	☐	1.000	1.022	1621.21	0.0012	P	4.6
3	☐	50.000	51.209	76216.38	0.0546	P	1.8
4	☐	125.000	137.174	202408.07	0.1460	P	0.8
5	☐	250.000	263.392	385608.26	0.2802	P	1.0
6	☐	500.000	516.552	733139.70	0.5495	P	1.3
7	☐	1000.000	986.794	1379062.58	1.0497	A	0.6
8	☐			1478.97	0.0012	P	8.6

$$y = 0.0011 * x + 8.4238E-005$$

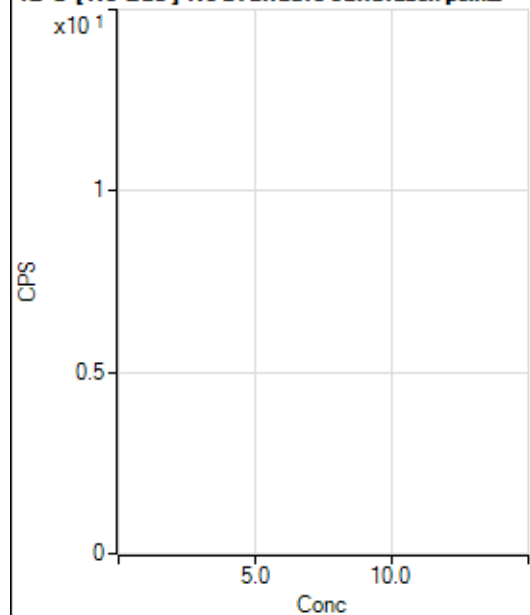
$$R = 0.9996$$

$$DL = 0.03597$$

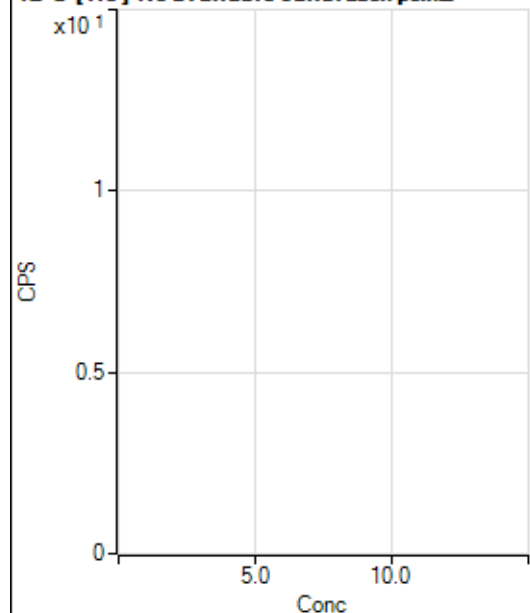
$$BEC = 0.0792$$

Weight: <None>

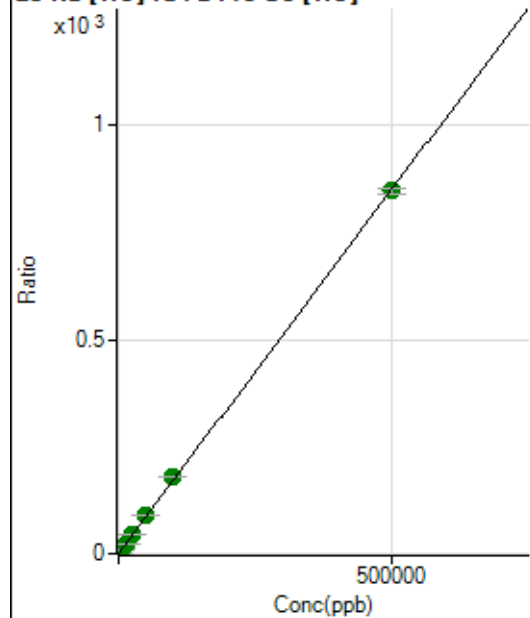
Min Conc: 0

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	25625.88	0.0788	P	4.7
2	☐	500.000	517.672	305269.82	0.9591	P	2.7
3	☐	5000.000	4690.704	2667714.04	8.0550	A	6.1
4	☐	12500.000	13570.102	7063440.03	23.1536	A	1.4
5	☐	25000.000	26795.310	13454048.14	45.6420	A	0.6
6	☐	50000.000	52533.012	26107189.61	89.4068	A	0.5
7	☐	100000.00	105652.39	52245328.11	179.7318	A	0.6
8	☐	500000.00	498502.77	249819047.3	847.7404	A	1.9

$$y = 0.0017 * x + 0.0788$$

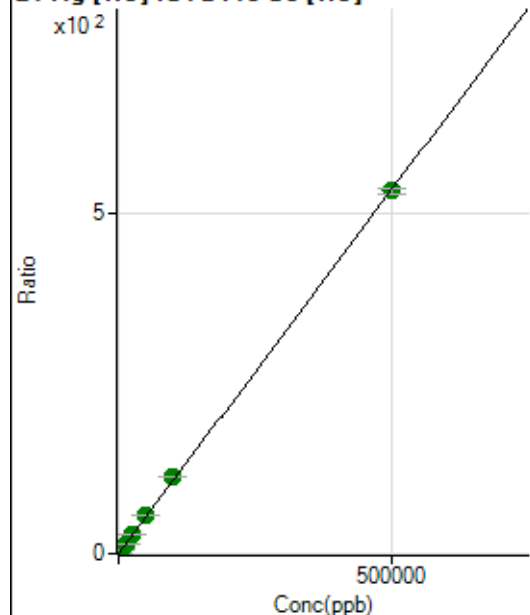
$$R = 0.9999$$

$$DL = 6.584$$

$$BEC = 46.37$$

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	880.03	0.0027	P	5.0
2	☐	500.000	517.685	177399.27	0.5573	P	1.8
3	☐	5000.000	4807.341	1706222.49	5.1527	A	6.6
4	☐	12500.000	13695.296	4476727.82	14.6742	A	0.8
5	☐	25000.000	26994.672	8525419.11	28.9216	A	0.5
6	☐	50000.000	52841.835	16530817.11	56.6111	A	0.3
7	☐	100000.00	104689.04	32601487.57	112.1540	A	0.4
8	☐	500000.00	498650.30	157420166.5	534.1970	A	1.9

$$y = 0.0011 * x + 0.0027$$

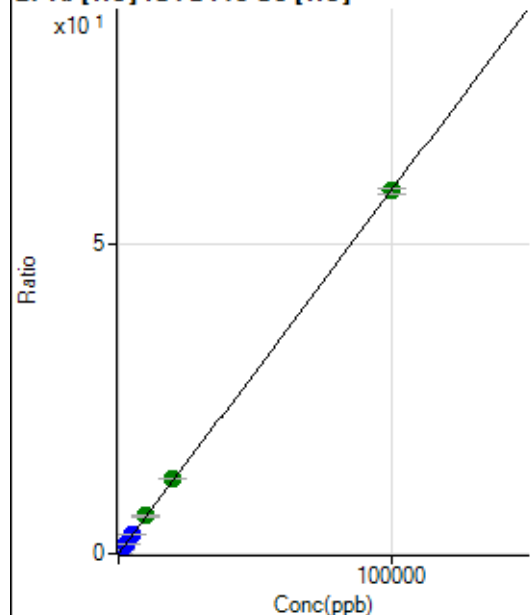
$$R = 0.9999$$

$$DL = 0.3769$$

$$BEC = 2.526$$

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	874.48	0.0027	P	4.3
2	☐	20.000	20.478	4679.65	0.0147	P	4.1
3	☐	1000.000	958.161	186867.94	0.5645	P	7.1
4	☐	2500.000	2788.171	499580.01	1.6375	P	0.6
5	☐	5000.000	5458.054	944163.26	3.2030	P	0.6
6	☐	10000.000	10342.234	1771516.61	6.0669	A	1.4
7	☐	20000.000	20537.970	3501351.13	12.0451	A	0.9
8	☐	100000.00	99828.494	17250251.69	58.5371	A	1.8

$$y = 5.8635E-004 * x + 0.0027$$

$$R = 1.0000$$

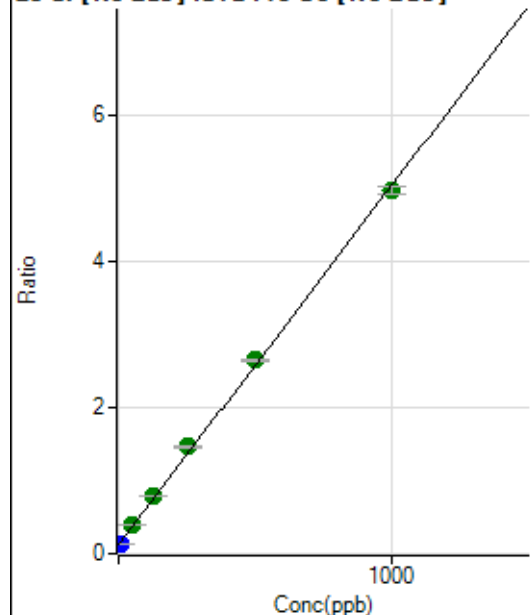
$$DL = 0.5951$$

$$BEC = 4.579$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	465548.99	0.1201	P	2.3
2	☐	10.000	2.335	509039.22	0.1316	P	1.7
3	☐	50.000	57.508	1560400.27	0.4022	A	2.2
4	☐	125.000	136.079	2981444.05	0.7877	A	2.0
5	☐	250.000	272.746	5415542.77	1.4581	A	0.4
6	☐	500.000	514.331	9520723.33	2.6433	A	1.1
7	☐	1000.000	985.464	17549577.93	4.9546	A	2.3
8	☐			597765.04	0.1672	P	2.6

$$y = 0.0049 * x + 0.1201$$

$$R = 0.9994$$

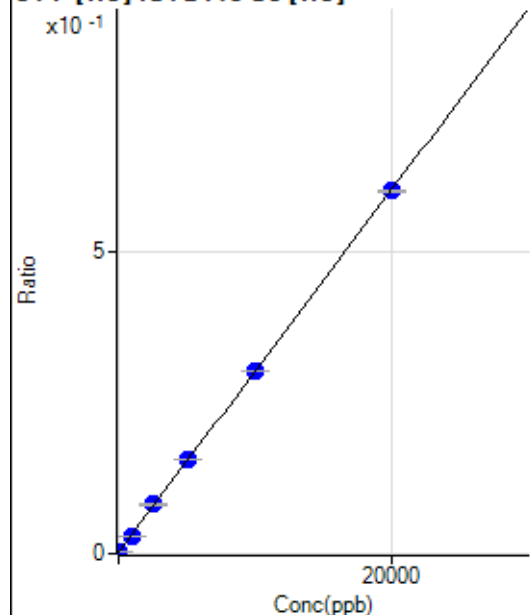
$$DL = 1.676$$

$$BEC = 24.48$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.178	667.80	0.0020	P	7.2
2	☐	0.000	13.178	904.48	0.0028	P	5.9
3	☐	1000.000	883.227	9583.07	0.0289	P	6.3
4	☐	2500.000	2627.181	24784.57	0.0812	P	1.0
5	☐	5000.000	5115.416	45947.69	0.1559	P	0.3
6	☐	10000.000	10038.263	88631.20	0.3035	P	0.3
7	☐	20000.000	19941.956	174576.68	0.6006	P	0.5
8	☐			703.36	0.0024	P	4.7

$$y = 2.9993E-005 * x + 0.0024$$

$$R = 0.9999$$

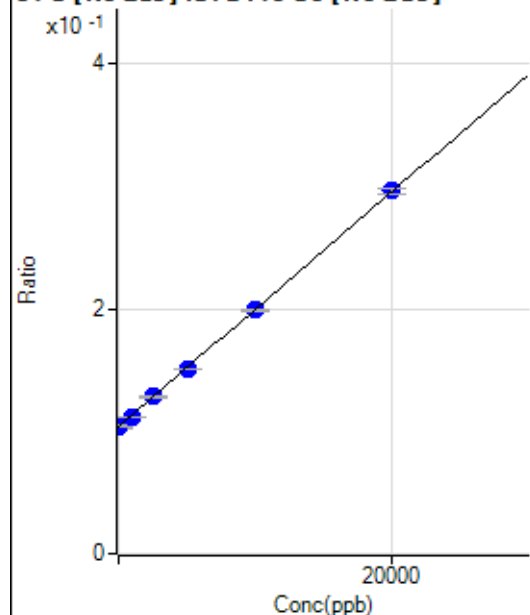
$$DL = 15.78$$

$$BEC = 81.47$$

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	-37.330	401498.41	0.1036	P	2.7
2	☐	0.000	37.330	403615.92	0.1043	P	1.0
3	☐	1000.000	748.970	431067.02	0.1111	P	0.1
4	☐	2500.000	2543.737	485608.89	0.1283	P	0.8
5	☐	5000.000	4927.301	561162.23	0.1511	P	0.5
6	☐	10000.000	9886.411	715153.77	0.1986	P	0.5
7	☐	20000.000	20082.054	1048922.94	0.2961	P	1.6
8	☐			365836.01	0.1023	P	4.6

$$y = 9.5693\text{E-}006 * x + 0.1039$$

$$R = 0.9999$$

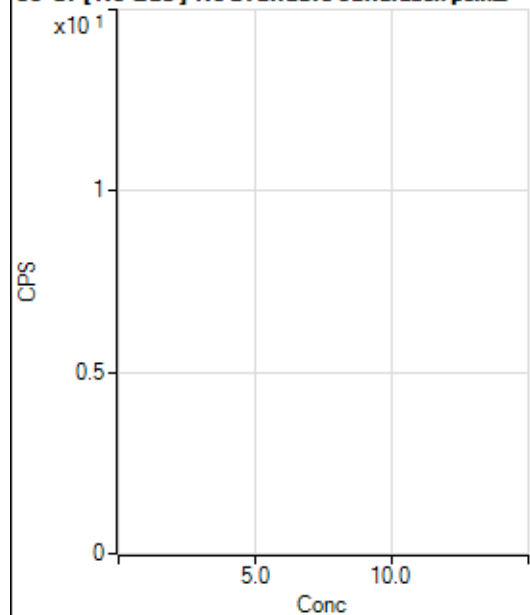
$$DL = 602.1$$

$$BEC = 1.086\text{E}+04$$

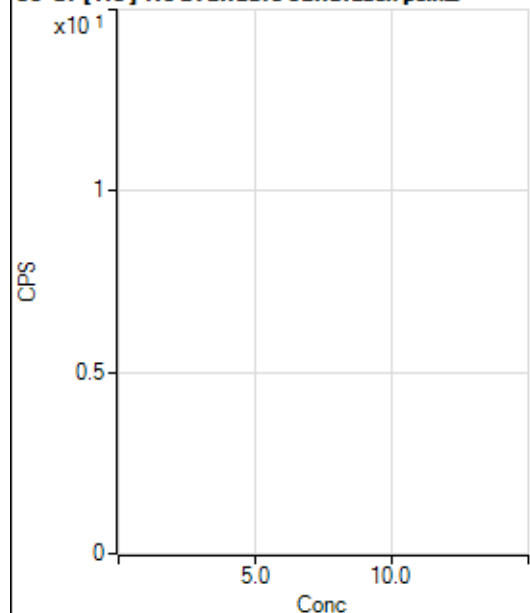
Weight: <None>

Min Conc: 0

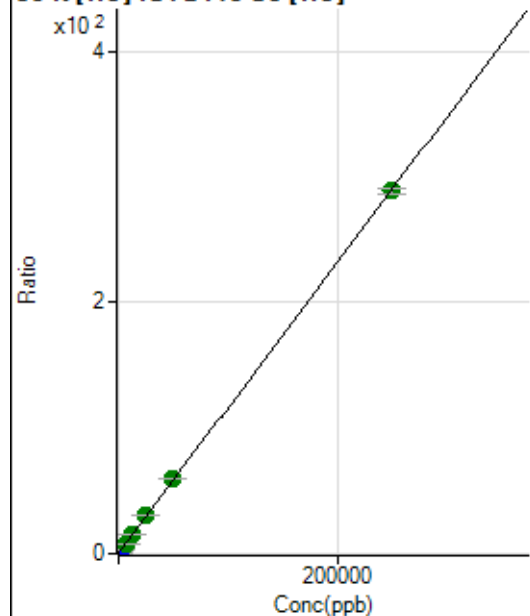
35 Cl [No Gas] No available calibration points



	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	101366.53	0.3118	P	4.1
2	☐	500.000	519.728	290656.56	0.9131	P	2.0
3	☐	2500.000	2478.726	1052744.65	3.1796	P	6.7
4	☐	6250.000	6833.553	2507135.20	8.2179	A	0.2
5	☐	12500.000	13246.346	4609454.93	15.6373	A	0.7
6	☐	25000.000	26115.160	8913805.56	30.5259	A	0.4
7	☐	50000.000	51638.444	17457190.71	60.0553	A	0.2
8	☐	250000.00	249509.06	85159728.73	288.9833	A	1.9

$$y = 0.0012 * x + 0.3118$$

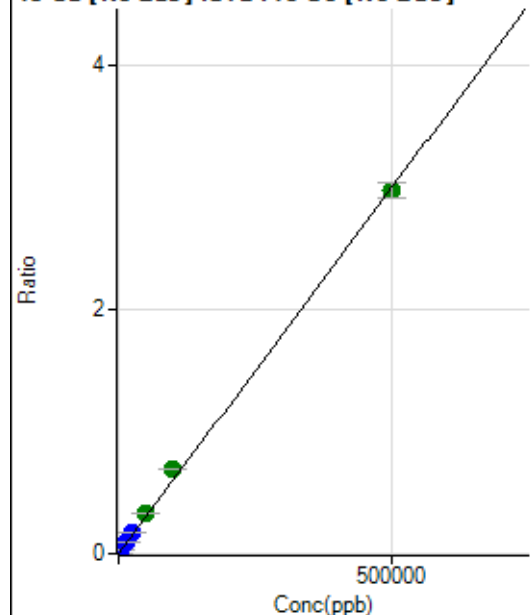
$$R = 1.0000$$

$$DL = 33.04$$

$$BEC = 269.5$$

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	326.67	0.0001	P	13.4
2	☐	500.000	515.259	12283.93	0.0032	P	1.0
3	☐	5000.000	5605.406	130741.64	0.0337	P	2.1
4	☐	12500.000	15400.897	349945.70	0.0924	P	1.5
5	☐	25000.000	29780.602	663665.76	0.1787	P	1.1
6	☐	50000.000	56080.482	1211758.04	0.3364	A	0.5
7	☐	100000.00	114785.52	2439180.05	0.6885	A	0.0
8	☐	500000.00	496117.22	10637000.47	2.9755	A	4.1

$$y = 5.9974\text{E-}006 * x + 8.4264\text{E-}005$$

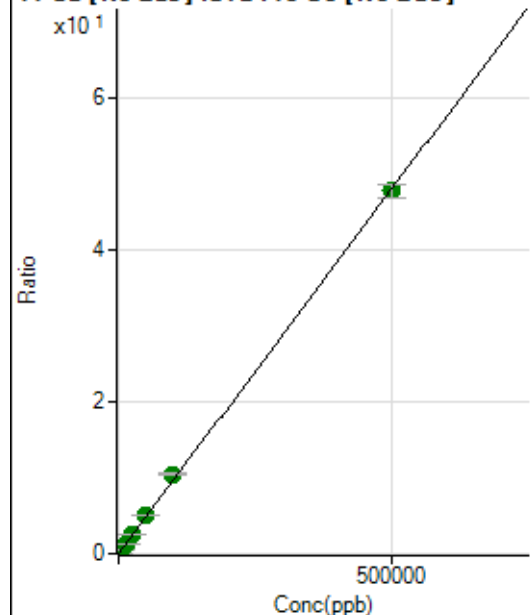
$$R = 0.9995$$

$$DL = 5.635$$

$$BEC = 14.05$$

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	15718.26	0.0041	P	1.4
2	☐	500.000	518.808	208057.18	0.0538	P	1.8
3	☐	5000.000	5124.369	1920860.06	0.4951	A	1.0
4	☐	12500.000	13887.399	5053054.58	1.3349	A	1.3
5	☐	25000.000	26932.989	9601121.59	2.5851	A	0.5
6	☐	50000.000	53258.551	18397823.75	5.1080	A	0.8
7	☐	100000.00	108911.17	36987573.06	10.4413	A	1.1
8	☐	500000.00	497759.31	170556875.2	47.7058	A	3.7

$$y = 9.5833\text{E-}005 * x + 0.0041$$

$$R = 0.9998$$

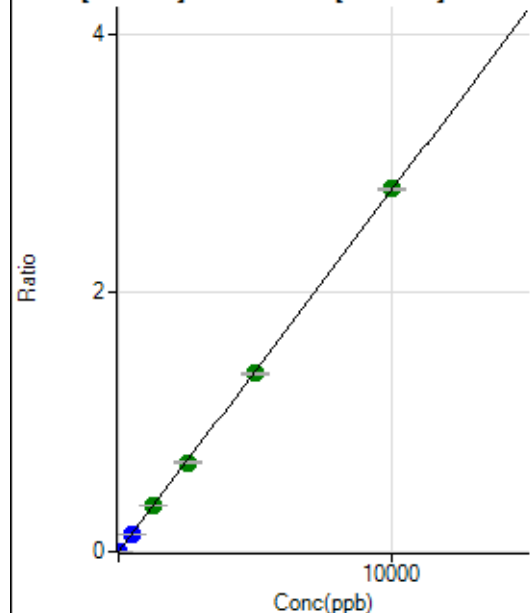
$$DL = 1.768$$

$$BEC = 42.3$$

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	122.22	0.0000	P	3.9
2	☐	5.000	4.953	5475.48	0.0014	P	0.3
3	☐	500.000	476.836	516793.51	0.1332	P	1.7
4	☐	1250.000	1284.203	1357819.02	0.3587	A	1.8
5	☐	2500.000	2473.376	2565909.73	0.6909	A	1.1
6	☐	5000.000	4929.405	4959083.29	1.3769	A	1.1
7	☐	10000.000	10038.836	9933349.92	2.8040	A	0.4
8	☐			2804.75	0.0008	P	28.7

$$y = 2.7931E-004 * x + 3.1533E-005$$

$$R = 0.9999$$

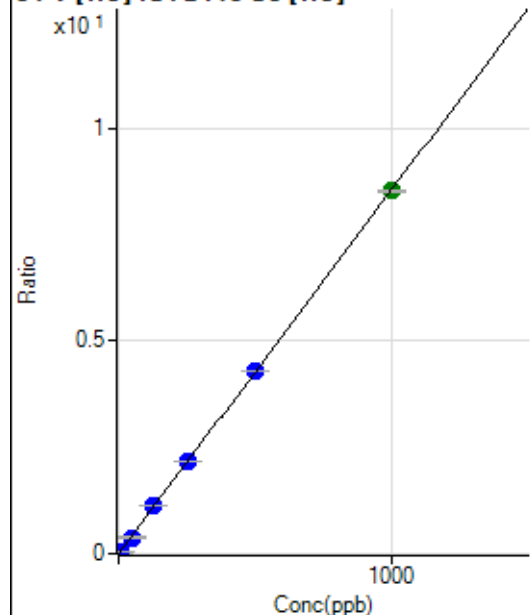
$$DL = 0.01334$$

$$BEC = 0.1129$$

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	18.89	0.0001	P	44.8
2	☐	5.000	4.735	12904.50	0.0405	P	2.1
3	☐	50.000	44.531	126077.51	0.3808	P	6.7
4	☐	125.000	130.427	340228.42	1.1152	P	0.3
5	☐	250.000	255.562	644115.77	2.1851	P	0.0
6	☐	500.000	501.268	1251483.92	4.2859	P	0.2
7	☐	1000.000	997.572	2479318.62	8.5293	A	0.6
8	☐			1128.94	0.0038	P	5.6

$$y = 0.0085 * x + 5.7909E-005$$

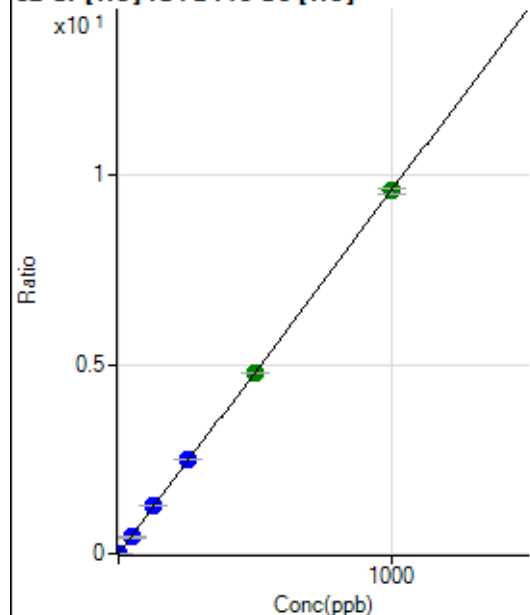
$$R = 0.9999$$

$$DL = 0.009113$$

$$BEC = 0.006773$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	636.69	0.0020	P	7.7
2	☐	2.000	2.060	6919.41	0.0217	P	2.1
3	☐	50.000	45.788	146102.77	0.4415	P	7.6
4	☐	125.000	134.002	392995.38	1.2882	P	0.5
5	☐	250.000	260.057	736387.04	2.4981	P	0.1
6	☐	500.000	495.348	1388939.89	4.7566	A	0.1
7	☐	1000.000	998.897	2787632.39	9.5899	A	1.3
8	☐			39024.94	0.1324	P	3.5

$$y = 0.0096 * x + 0.0020$$

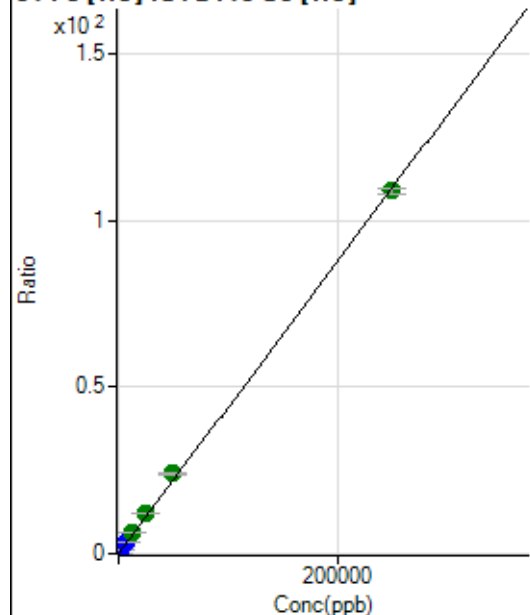
$$R = 0.9999$$

$$DL = 0.04726$$

$$BEC = 0.2041$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2273.64	0.0070	P	10.2
2	☐	50.000	57.240	10209.12	0.0321	P	6.3
3	☐	2500.000	2621.574	382653.31	1.1557	P	6.6
4	☐	6250.000	7676.117	1028204.12	3.3703	P	0.7
5	☐	12500.000	14114.707	1825088.06	6.1915	A	1.1
6	☐	25000.000	27530.491	3524436.23	12.0697	A	0.8
7	☐	50000.000	54795.904	6981124.00	24.0162	A	0.8
8	☐	250000.00	248670.16	32110809.24	108.9636	A	1.7

$$y = 4.3816E-004 * x + 0.0070$$

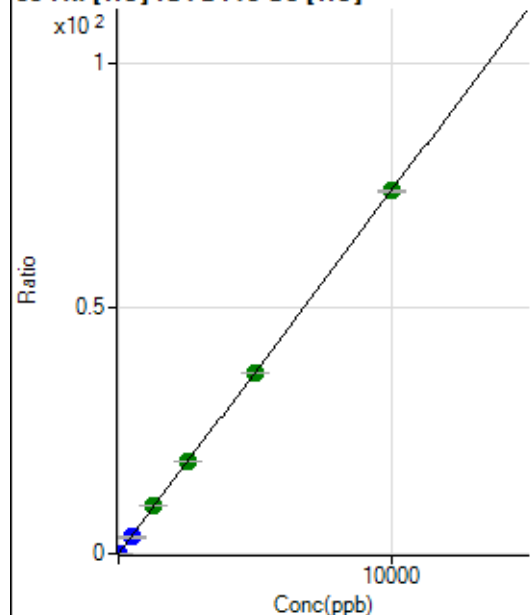
$$R = 0.9998$$

$$DL = 4.904$$

$$BEC = 15.98$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	448.90	0.0014	P	7.1
2	☐	1.000	0.948	2671.37	0.0084	P	4.0
3	☐	500.000	458.547	1123909.64	3.3952	P	7.1
4	☐	1250.000	1308.695	2955420.79	9.6873	A	0.8
5	☐	2500.000	2529.296	5518520.20	18.7213	A	0.7
6	☐	5000.000	4992.578	10790198.17	36.9526	A	0.3
7	☐	10000.000	9991.123	21495514.96	73.9480	A	0.7
8	☐			13937.65	0.0473	P	2.3

$$y = 0.0074 * x + 0.0014$$

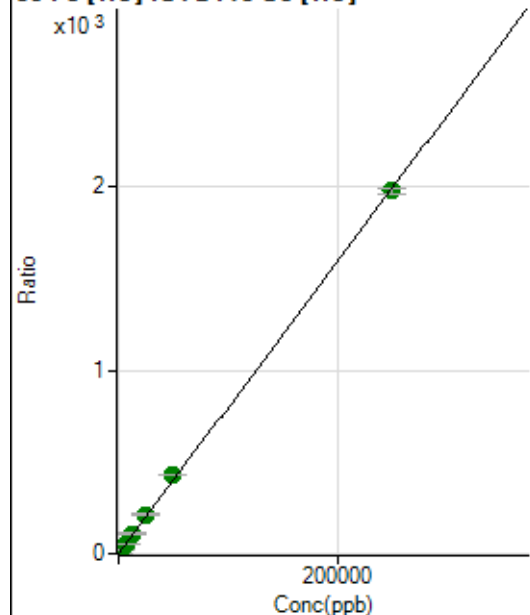
$$R = 1.0000$$

$$DL = 0.0399$$

$$BEC = 0.1862$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15315.23	0.0471	P	5.2
2	☐	50.000	56.151	156920.53	0.4930	P	3.2
3	☐	2500.000	2424.676	6388834.35	19.3029	A	7.4
4	☐	6250.000	7179.778	17409783.91	57.0659	A	0.3
5	☐	12500.000	13829.326	32388137.30	109.8739	A	0.3
6	☐	25000.000	27027.130	62688593.51	214.6854	A	0.5
7	☐	50000.000	54208.111	125152865.9	430.5454	A	0.5
8	☐	250000.00	248866.70	582429804.6	1,976.443	A	1.9

$$y = 0.0079 * x + 0.0471$$

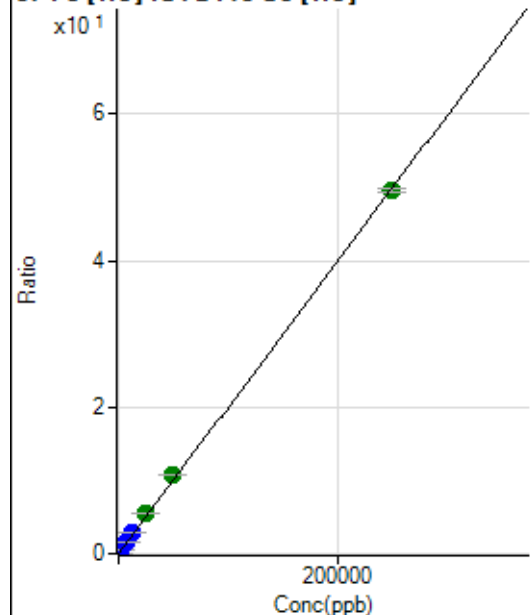
$$R = 0.9998$$

$$DL = 0.9294$$

$$BEC = 5.933$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	692.25	0.0021	P	0.2
2	☐	50.000	57.662	4329.56	0.0136	P	1.6
3	☐	2500.000	2588.222	171194.48	0.5172	P	7.1
4	☐	6250.000	7616.099	462998.59	1.5176	P	0.3
5	☐	12500.000	14689.477	862265.49	2.9252	P	0.7
6	☐	25000.000	27419.741	1593868.60	5.4583	A	0.7
7	☐	50000.000	53988.427	3123448.88	10.7452	A	1.4
8	☐	250000.00	248815.83	14592212.42	49.5135	A	1.2

$$y = 1.9899\text{E-}004 * x + 0.0021$$

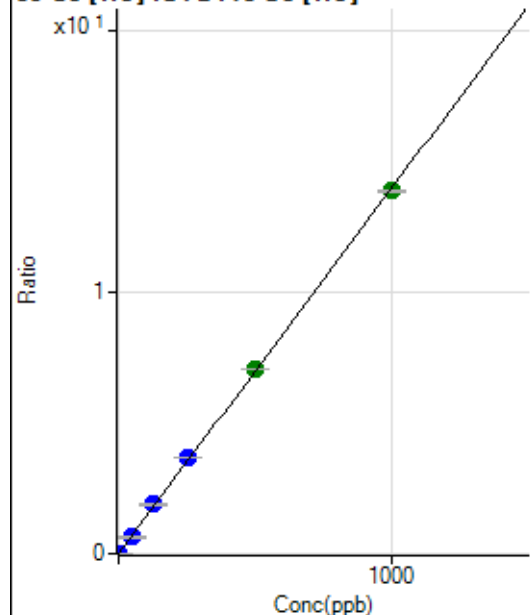
R = 0.9998

DL = 0.06421

BEC = 10.69

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0003	P	13.8
2	☐	1.000	1.050	4766.36	0.0150	P	3.0
3	☐	50.000	46.145	213528.95	0.6451	P	7.2
4	☐	125.000	134.582	573781.24	1.8808	P	0.7
5	☐	250.000	262.245	1080226.63	3.6646	P	0.4
6	☐	500.000	505.085	2060863.47	7.0577	A	0.3
7	☐	1000.000	993.391	4034917.93	13.8807	A	0.3
8	☐			11719.13	0.0398	P	1.6

$$y = 0.0140 * x + 3.0493\text{E-}004$$

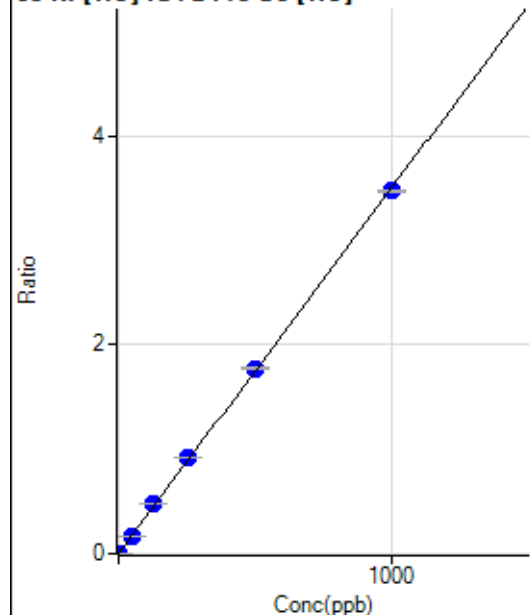
R = 0.9998

DL = 0.009036

BEC = 0.02182

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	274.45	0.0008	P	6.4
2	☐	1.000	1.034	1421.19	0.0045	P	3.5
3	☐	50.000	47.069	54788.47	0.1655	P	6.9
4	☐	125.000	135.557	144918.85	0.4750	P	0.7
5	☐	250.000	263.289	271734.55	0.9218	P	0.8
6	☐	500.000	506.293	517385.11	1.7719	P	0.6
7	☐	1000.000	992.358	1009303.47	3.4722	P	0.3
8	☐			11017.45	0.0374	P	2.7

$$y = 0.0035 * x + 8.4473E-004$$

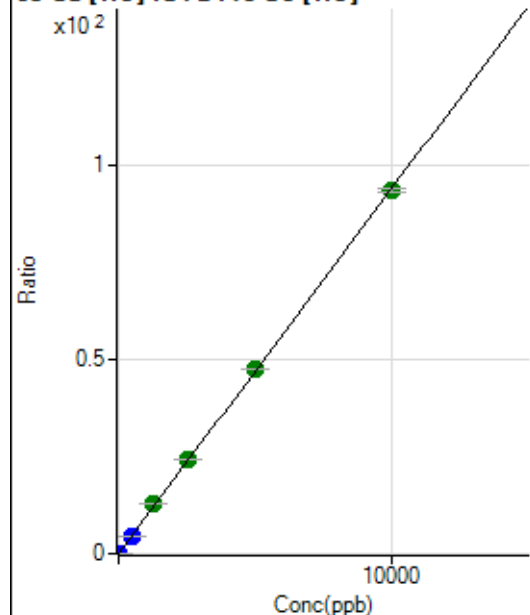
$$R = 0.9998$$

$$DL = 0.04657$$

$$BEC = 0.2415$$

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	1141.17	0.0035	P	9.7
2	☐	2.000	2.007	7117.31	0.0224	P	3.0
3	☐	500.000	467.522	1454492.69	4.3935	P	6.9
4	☐	1250.000	1351.692	3873146.05	12.6957	A	0.5
5	☐	2500.000	2596.464	7187794.82	24.3839	A	0.1
6	☐	5000.000	5046.109	13836700.07	47.3856	A	0.2
7	☐	10000.000	9941.742	27136729.87	93.3548	A	1.0
8	☐			9608.73	0.0326	P	3.3

$$y = 0.0094 * x + 0.0035$$

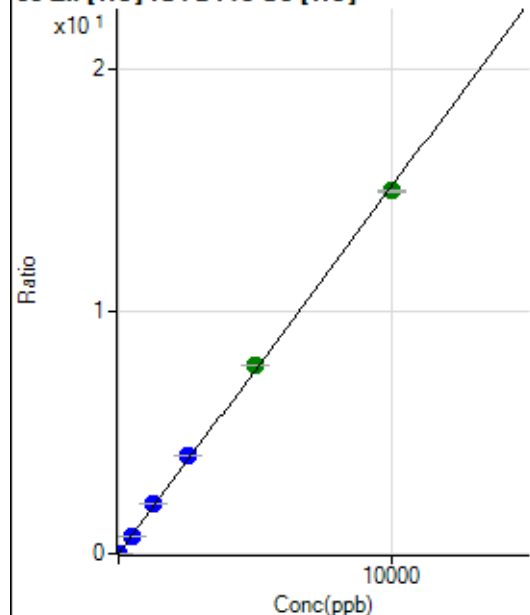
$$R = 0.9999$$

$$DL = 0.1084$$

$$BEC = 0.3742$$

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	716.69	0.0022	P	6.3
2	☐	5.000	4.665	2948.10	0.0093	P	6.7
3	☐	500.000	472.872	237570.03	0.7177	P	7.1
4	☐	1250.000	1369.935	633020.97	2.0750	P	0.7
5	☐	2500.000	2656.745	1185574.41	4.0220	P	0.5
6	☐	5000.000	5123.815	2264421.91	7.7548	A	0.3
7	☐	10000.000	9885.271	4348356.78	14.9591	A	0.8
8	☐			2514.69	0.0085	P	4.8

$$y = 0.0015 * x + 0.0022$$

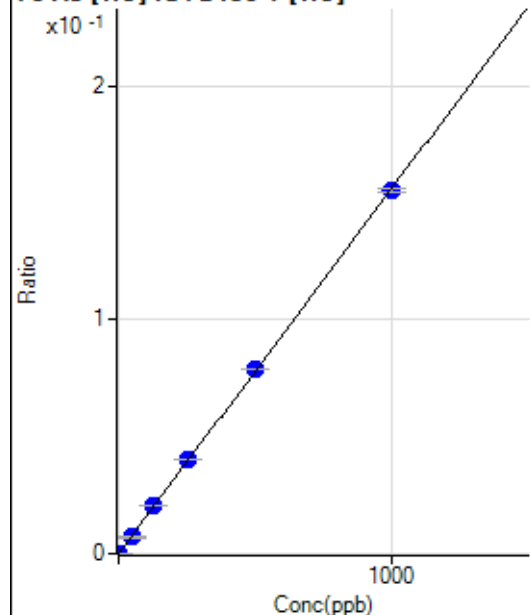
$$R = 0.9997$$

$$DL = 0.2731$$

$$BEC = 1.455$$

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	4.44	0.0000	P	44.8
2	☐	1.000	1.112	365.56	0.0002	P	4.2
3	☐	50.000	45.214	15442.57	0.0071	P	7.2
4	☐	125.000	131.755	41503.44	0.0206	P	1.8
5	☐	250.000	256.756	79113.62	0.0401	P	0.4
6	☐	500.000	506.440	153375.97	0.0791	P	0.5
7	☐	1000.000	994.486	302931.45	0.1553	P	1.0
8	☐			228.90	0.0001	P	18.3

$$y = 1.5614E-004 * x + 2.1028E-006$$

$$R = 0.9999$$

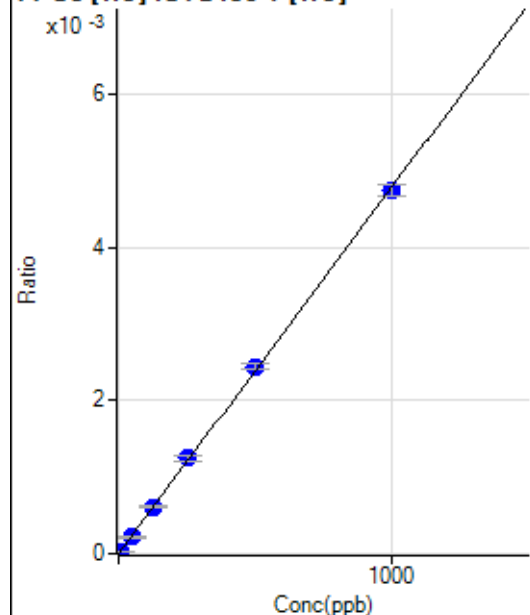
$$DL = 0.0181$$

$$BEC = 0.01347$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.919	48.89	0.0000	P	20.4
3	☐	50.000	46.172	481.13	0.0002	P	15.7
4	☐	125.000	127.569	1228.95	0.0006	P	4.0
5	☐	250.000	261.024	2460.23	0.0012	P	7.0
6	☐	500.000	512.017	4743.03	0.0024	P	2.8
7	☐	1000.000	991.106	9235.17	0.0047	P	3.2
8	☐			4.44	0.0000	P	44.3

$$y = 4.7762\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

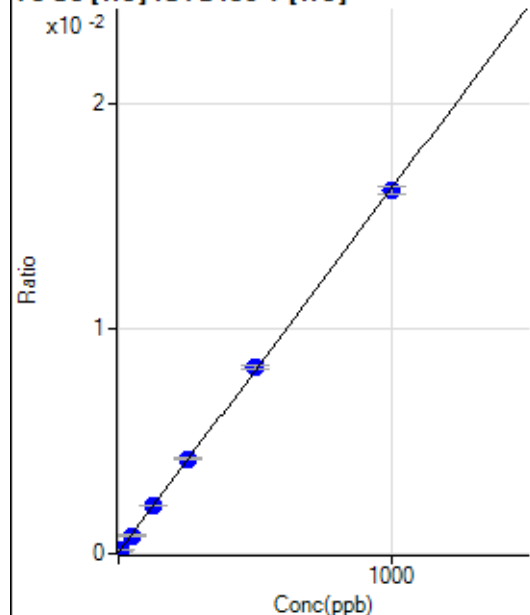
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0001	P	1.8
2	☐	5.000	5.153	297.78	0.0001	P	20.2
3	☐	50.000	44.924	1719.01	0.0008	P	6.6
4	☐	125.000	130.679	4380.69	0.0022	P	0.1
5	☐	250.000	256.870	8306.84	0.0042	P	1.3
6	☐	500.000	509.126	16067.68	0.0083	P	2.2
7	☐	1000.000	993.263	31417.75	0.0161	P	2.2
8	☐			142.23	0.0001	P	7.2

$$y = 1.6154\text{E-}005 * x + 6.0147\text{E-}005$$

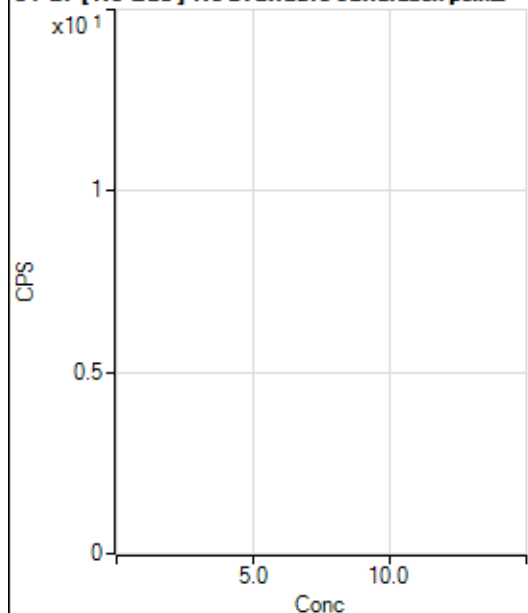
$$R = 0.9999$$

$$DL = 0.1993$$

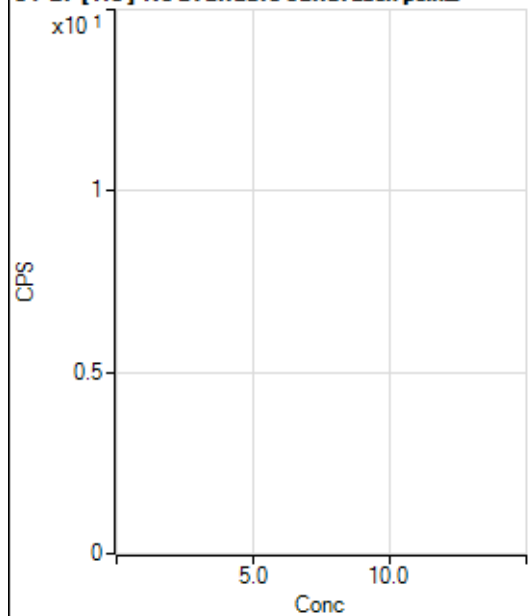
$$BEC = 3.723$$

Weight: <None>

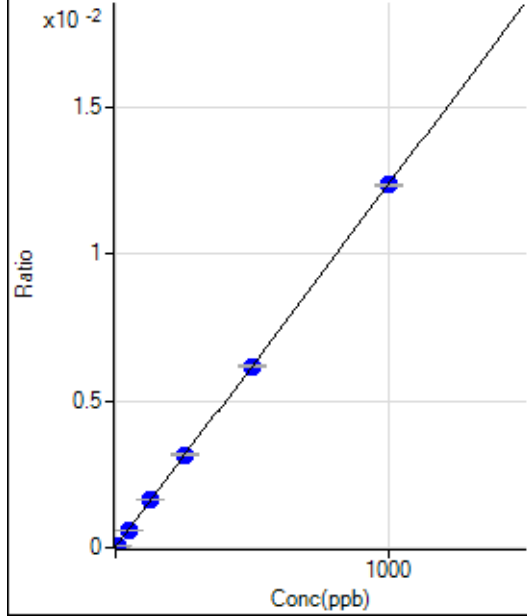
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23974.05		P	2.8
2	☐			23730.28		P	1.3
3	☐			23355.23		P	0.7
4	☐			22882.26		P	1.6
5	☐			22393.76		P	0.4
6	☐			21806.21		P	2.5
7	☐			21526.93		P	2.2
8	☐			22096.61		P	1.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			87.78		P	8.8
2	☐			65.55		P	24.0
3	☐			48.89		P	10.4
4	☐			48.89		P	17.2
5	☐			62.22		P	20.3
6	☐			50.00		P	24.0
7	☐			50.00		P	17.6
8	☐			71.11		P	23.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.42	0.0000	P	7.2
2	☐	5.000	5.046	712.12	0.0001	P	1.7
3	☐	50.000	47.679	5614.66	0.0006	P	1.2
4	☐	125.000	131.455	14939.09	0.0016	P	1.2
5	☐	250.000	254.668	28622.79	0.0032	P	2.0
6	☐	500.000	498.890	54795.55	0.0062	P	0.4
7	☐	1000.000	998.697	107700.39	0.0124	P	0.7
8	☐			208.03	0.0000	P	8.9

$$y = 1.2365\text{E-}005 * x + 1.4426\text{E-}005$$

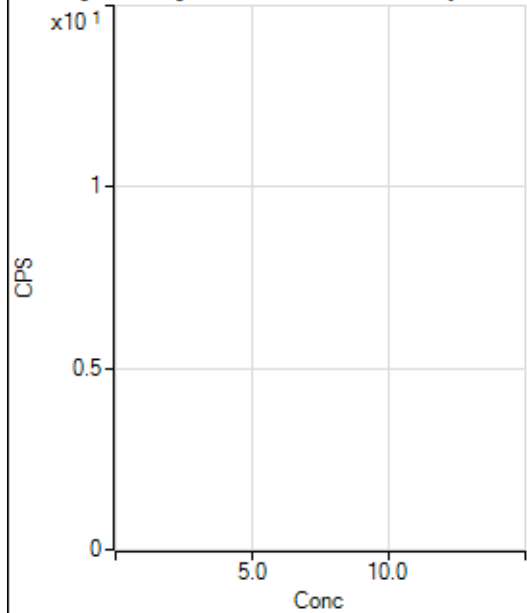
$$R = 1.0000$$

$$DL = 0.2506$$

$$BEC = 1.167$$

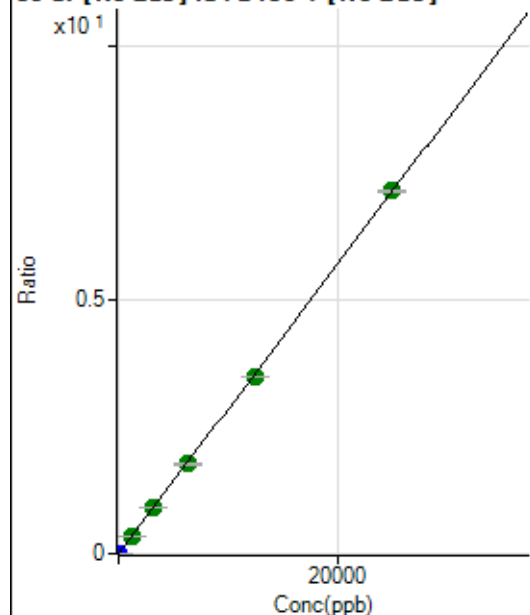
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			82.22		P	22.3
2	☐			75.56		P	35.7
3	☐			92.22		P	19.9
4	☐			72.22		P	5.3
5	☐			100.00		P	13.3
6	☐			98.89		P	3.9
7	☐			104.45		P	7.4
8	☐			105.56		P	22.8

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.23	0.0000	P	7.9
2	☐	1.000	0.978	2773.62	0.0003	P	4.7
3	☐	1250.000	1175.094	3110414.89	0.3346	A	1.6
4	☐	3125.000	3209.294	8324705.50	0.9138	A	1.1
5	☐	6250.000	6227.795	16045046.98	1.7733	A	1.3
6	☐	12500.000	12269.131	30958607.04	3.4934	A	0.1
7	☐	25000.000	25114.195	62295450.18	7.1508	A	0.5
8	☐			18658.15	0.0022	P	25.5

$$y = 2.8473E-004 * x + 2.0786E-005$$

$$R = 0.9999$$

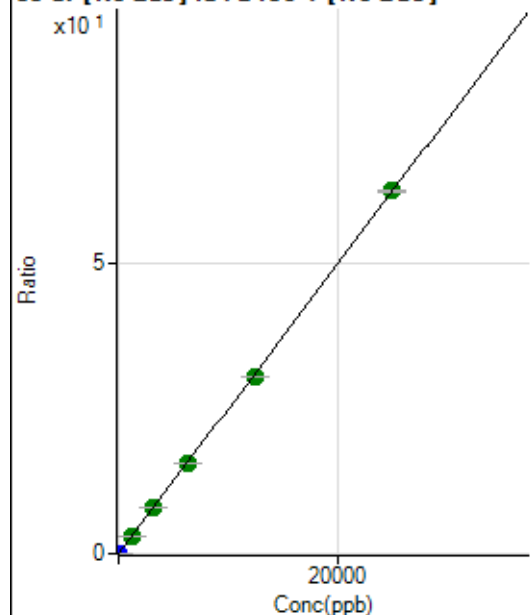
$$DL = 0.01723$$

$$BEC = 0.073$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	414.46	0.0000	P	5.5
2	☐	1.000	0.963	22565.15	0.0024	P	2.2
3	☐	1250.000	1168.581	26956193.49	2.8999	A	2.4
4	☐	3125.000	3220.951	72815548.92	7.9930	A	1.2
5	☐	6250.000	6244.836	140221143.4	15.4969	A	1.1
6	☐	12500.000	12267.214	269773533.7	30.4418	A	0.1
7	☐	25000.000	25109.761	542850516.3	62.3112	A	0.3
8	☐			161959.98	0.0188	P	26.7

$$y = 0.0025 * x + 4.4840E-005$$

$$R = 0.9999$$

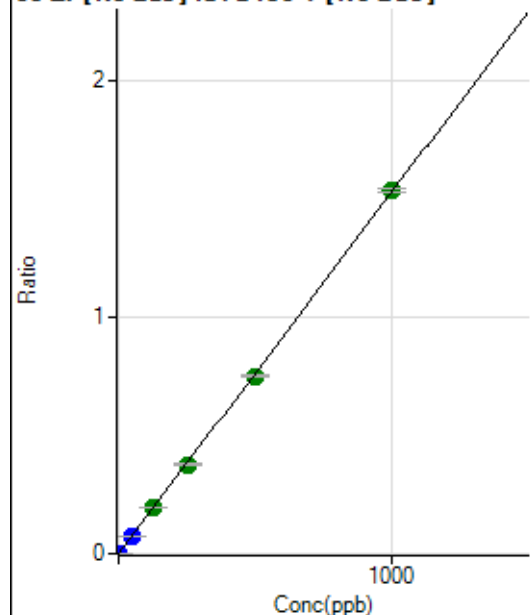
$$DL = 0.002998$$

$$BEC = 0.01807$$

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	370.01	0.0000	P	12.9
2	☐	1.000	0.898	13064.79	0.0014	P	1.3
3	☐	50.000	46.890	664933.31	0.0715	P	2.0
4	☐	125.000	129.162	1794391.57	0.1970	A	1.0
5	☐	250.000	246.862	3406018.11	0.3764	A	1.1
6	☐	500.000	491.555	6642117.33	0.7495	A	0.9
7	☐	1000.000	1004.643	13343751.19	1.5318	A	1.2
8	☐			8442.53	0.0010	P	10.6

$$y = 0.0015 * x + 3.9962E-005$$

$$R = 0.9999$$

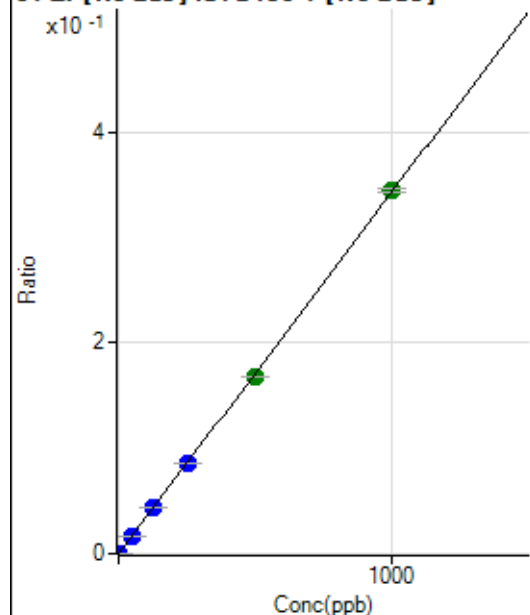
$$DL = 0.01014$$

$$BEC = 0.02621$$

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	90.00	0.0000	P	9.0
2	☐	1.000	0.909	2975.89	0.0003	P	1.2
3	☐	50.000	47.086	149908.71	0.0161	P	2.1
4	☐	125.000	129.382	403531.97	0.0443	P	1.6
5	☐	250.000	250.675	776464.72	0.0858	P	1.4
6	☐	500.000	488.858	1482951.02	0.1673	A	0.3
7	☐	1000.000	1005.001	2996700.44	0.3440	A	1.1
8	☐			1943.49	0.0002	P	10.4

$$y = 3.4229E-004 * x + 9.7326E-006$$

$$R = 0.9999$$

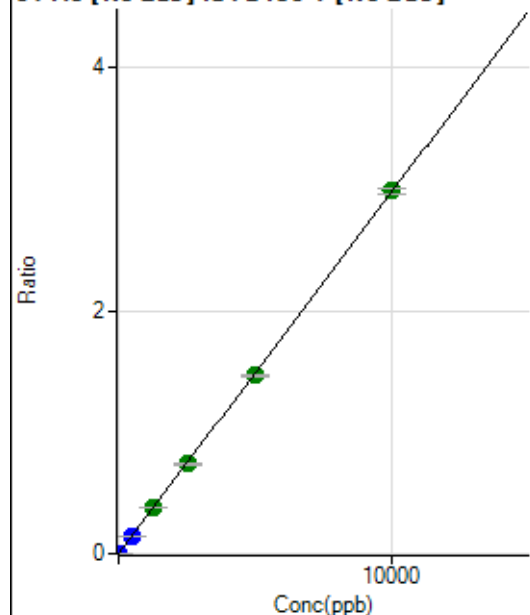
$$DL = 0.007658$$

$$BEC = 0.02843$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	305.56	0.0000	P	6.8
2	☐	5.000	5.508	15487.17	0.0017	P	2.5
3	☐	500.000	474.876	1312718.27	0.1412	P	1.7
4	☐	1250.000	1285.258	3481332.38	0.3822	A	1.4
5	☐	2500.000	2490.095	6698945.11	0.7404	A	1.8
6	☐	5000.000	4927.302	12982689.25	1.4650	A	0.7
7	☐	10000.000	10035.674	25992324.33	2.9837	A	1.4
8	☐			13431.97	0.0016	P	16.3

$$y = 2.9731E-004 * x + 3.3053E-005$$

$$R = 0.9999$$

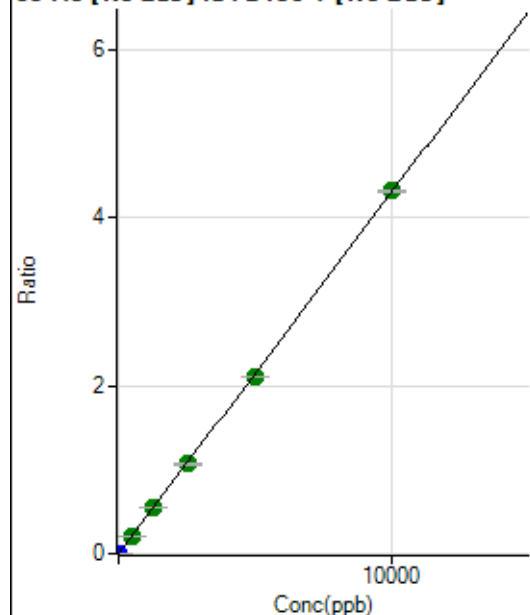
$$DL = 0.02254$$

$$BEC = 0.1112$$

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	530.02	0.0001	P	8.1
2	☐	5.000	4.754	19470.80	0.0021	P	1.6
3	☐	500.000	464.263	1854782.45	0.1995	A	1.7
4	☐	1250.000	1282.950	5022234.61	0.5513	A	1.2
5	☐	2500.000	2493.386	9693870.83	1.0714	A	1.8
6	☐	5000.000	4907.377	18686162.50	2.1085	A	0.7
7	☐	10000.000	10045.633	37601179.72	4.3162	A	0.8
8	☐			18573.27	0.0022	P	15.8

$$y = 4.2966E-004 * x + 5.7397E-005$$

$$R = 0.9999$$

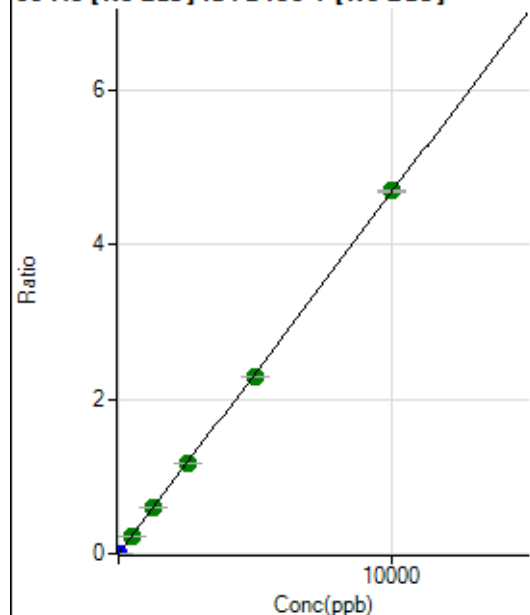
$$DL = 0.03256$$

$$BEC = 0.1336$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.78	0.0000	P	11.3
2	☐	5.000	4.807	20986.23	0.0023	P	2.4
3	☐	500.000	466.940	2030854.54	0.2185	A	1.8
4	☐	1250.000	1281.996	5464047.07	0.5998	A	1.8
5	☐	2500.000	2503.857	10599482.34	1.1714	A	1.9
6	☐	5000.000	4905.297	20338051.09	2.2950	A	0.5
7	☐	10000.000	10044.041	40936489.11	4.6991	A	0.4
8	☐			23704.05	0.0028	P	13.5

$$y = 4.6785E-004 * x + 1.4922E-005$$

$$R = 0.9999$$

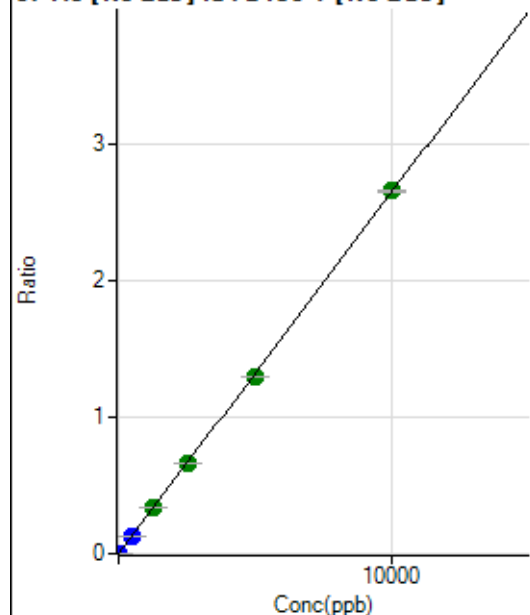
$$DL = 0.01079$$

$$BEC = 0.0319$$

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	116.67	0.0000	P	22.5
2	☐	5.000	4.782	11840.41	0.0013	P	2.2
3	☐	500.000	476.972	1172819.16	0.1262	P	1.7
4	☐	1250.000	1289.156	3106370.30	0.3410	A	1.5
5	☐	2500.000	2503.870	5992382.06	0.6623	A	1.2
6	☐	5000.000	4907.136	11501923.30	1.2979	A	0.2
7	☐	10000.000	10041.721	23137834.10	2.6560	A	0.3
8	☐			11247.89	0.0013	P	16.6

$$y = 2.6449E-004 * x + 1.2583E-005$$

$$R = 0.9999$$

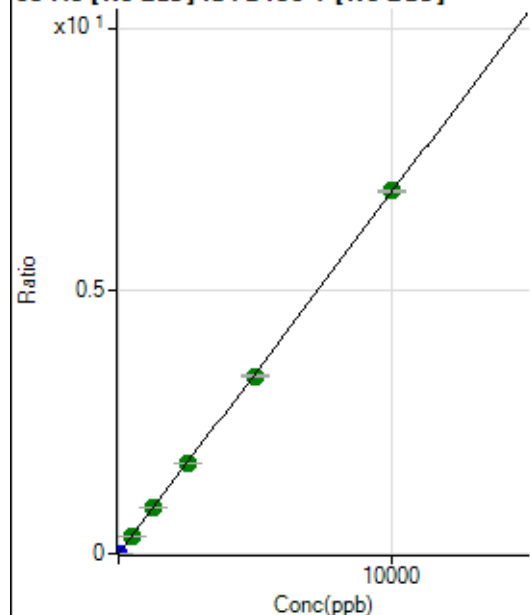
$$DL = 0.03216$$

$$BEC = 0.04757$$

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	131.11	0.0000	P	28.9
2	☐	5.000	4.753	30416.17	0.0033	P	1.0
3	☐	500.000	465.276	2973162.59	0.3198	A	1.4
4	☐	1250.000	1284.393	8042914.53	0.8829	A	1.8
5	☐	2500.000	2483.510	15446798.52	1.7071	A	0.4
6	☐	5000.000	4915.213	29940819.55	3.3786	A	0.7
7	☐	10000.000	10043.953	60144406.32	6.9040	A	0.4
8	☐			28399.51	0.0033	P	16.8

$$y = 6.8738\text{E-}004 * x + 1.4160\text{E-}005$$

$$R = 0.9999$$

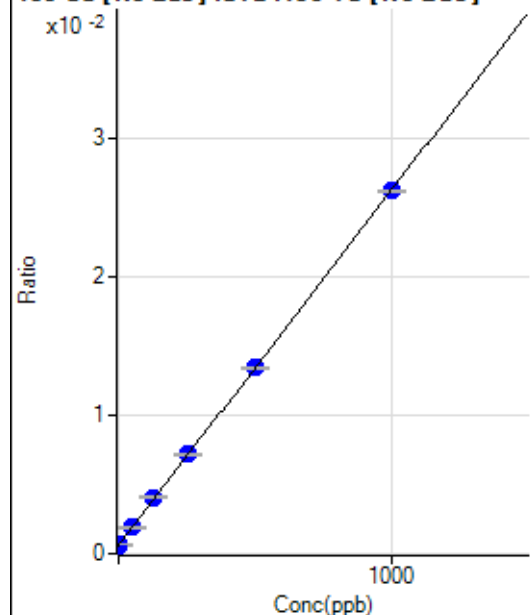
$$DL = 0.01788$$

$$BEC = 0.0206$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5239.89	0.0006	P	0.7
2	☐	1.000	1.936	5610.03	0.0007	P	4.1
3	☐	50.000	50.410	16262.54	0.0019	P	3.2
4	☐	125.000	135.806	34996.60	0.0041	P	1.8
5	☐	250.000	255.908	61437.99	0.0072	P	0.6
6	☐	500.000	499.100	112962.66	0.0134	P	1.2
7	☐	1000.000	997.601	217680.99	0.0262	P	0.3
8	☐			4870.87	0.0006	P	3.2

$$y = 2.5705\text{E-}005 * x + 6.0403\text{E-}004$$

$$R = 0.9999$$

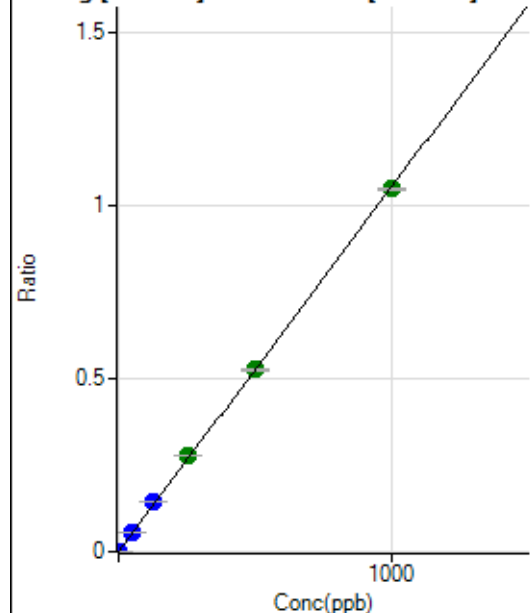
$$DL = 0.4701$$

$$BEC = 23.5$$

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	87.78	0.0000	P	12.5
2	☐	1.000	0.969	8841.65	0.0010	P	2.7
3	☐	50.000	50.890	458661.40	0.0536	P	2.6
4	☐	125.000	137.318	1235409.31	0.1446	P	0.7
5	☐	250.000	263.302	2370801.46	0.2772	A	1.0
6	☐	500.000	499.865	4424524.14	0.5262	A	0.6
7	☐	1000.000	995.158	8687485.63	1.0476	A	0.9
8	☐			2400.24	0.0003	P	31.7

$$y = 0.0011 * x + 1.0102E-005$$

$$R = 0.9998$$

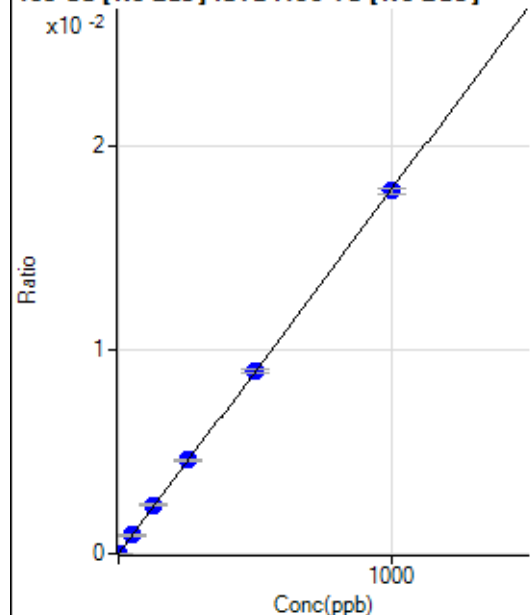
$$DL = 0.003589$$

$$BEC = 0.009597$$

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	17.78	0.0000	P	8.0
2	☐	1.000	0.987	168.89	0.0000	P	15.3
3	☐	50.000	50.206	7704.34	0.0009	P	6.3
4	☐	125.000	134.503	20583.56	0.0024	P	2.3
5	☐	250.000	258.013	39500.31	0.0046	P	2.2
6	☐	500.000	501.158	75417.02	0.0090	P	1.6
7	☐	1000.000	996.220	147820.79	0.0178	P	1.8
8	☐			136.67	0.0000	P	10.8

$$y = 1.7891E-005 * x + 2.0465E-006$$

$$R = 0.9999$$

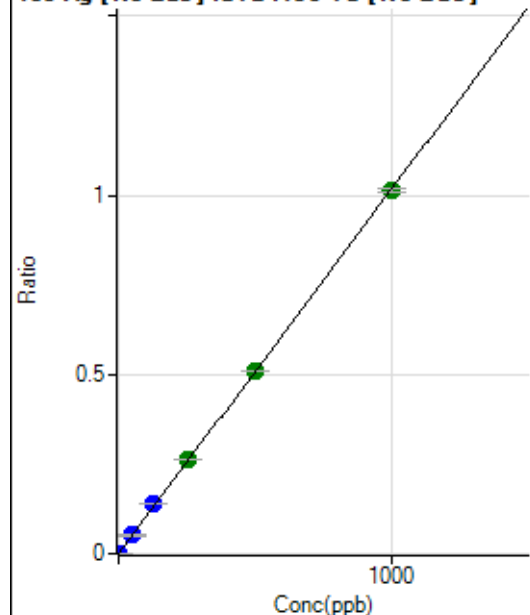
$$DL = 0.02731$$

$$BEC = 0.1144$$

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	36.67	0.0000	P	49.1
2	☐	1.000	0.981	8599.28	0.0010	P	1.3
3	☐	50.000	50.582	440332.20	0.0514	P	2.8
4	☐	125.000	136.873	1189477.22	0.1392	P	1.1
5	☐	250.000	259.730	2259033.64	0.2641	A	1.1
6	☐	500.000	500.800	4281815.91	0.5092	A	0.6
7	☐	1000.000	995.655	8396264.67	1.0124	A	1.2
8	☐			2196.87	0.0003	P	31.1

$$y = 0.0010 * x + 4.2459E-006$$

$$R = 0.9999$$

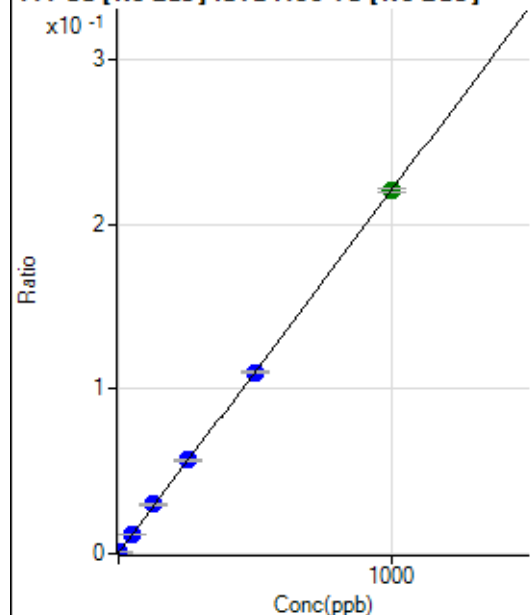
$$DL = 0.006154$$

$$BEC = 0.004176$$

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	3663.26	0.0004	P	0.6
2	☐	1.000	1.146	5791.17	0.0007	P	3.4
3	☐	50.000	49.345	96708.12	0.0113	P	1.9
4	☐	125.000	133.919	255818.74	0.0299	P	1.4
5	☐	250.000	256.186	486517.46	0.0569	P	1.0
6	☐	500.000	498.146	926586.55	0.1102	P	0.6
7	☐	1000.000	998.298	1827973.10	0.2204	A	1.2
8	☐			3852.85	0.0005	P	3.4

$$y = 2.2037E-004 * x + 4.2228E-004$$

$$R = 0.9999$$

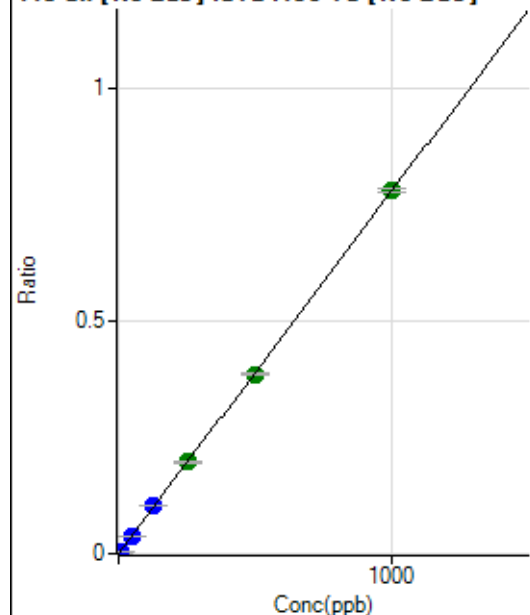
$$DL = 0.03304$$

$$BEC = 1.916$$

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	1182.30	0.0001	P	10.4
2	☐	5.000	4.956	34225.09	0.0040	P	0.8
3	☐	50.000	48.277	322375.07	0.0377	P	2.5
4	☐	125.000	130.810	870045.02	0.1018	P	1.1
5	☐	250.000	252.313	1678612.67	0.1962	A	1.7
6	☐	500.000	495.157	3237078.04	0.3850	A	0.5
7	☐	1000.000	1001.203	6454891.71	0.7783	A	0.9
8	☐			6113.58	0.0008	P	5.7

$$y = 7.7723\text{E-}004 * x + 1.3633\text{E-}004$$

$$R = 1.0000$$

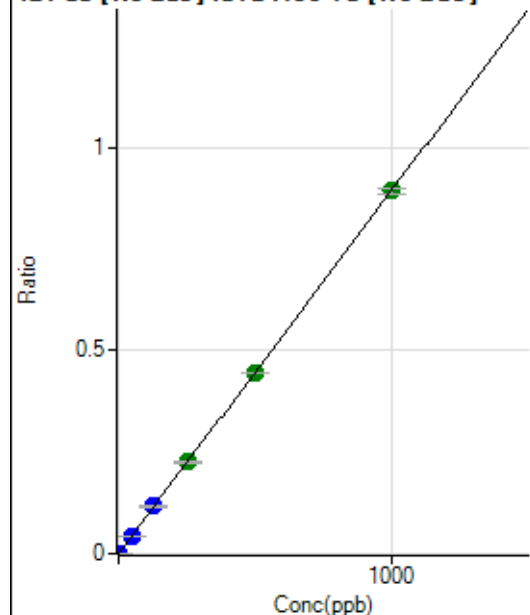
$$DL = 0.05485$$

$$BEC = 0.1754$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0000	P	53.3
2	☐	2.000	1.959	15073.53	0.0018	P	2.1
3	☐	50.000	47.678	364711.41	0.0426	P	2.3
4	☐	125.000	130.069	993167.56	0.1162	P	1.2
5	☐	250.000	253.509	1937321.24	0.2265	A	1.6
6	☐	500.000	498.329	3743806.92	0.4452	A	0.5
7	☐	1000.000	999.441	7405180.24	0.8929	A	1.7
8	☐			5947.96	0.0007	P	4.1

$$y = 8.9342\text{E-}004 * x + 6.2029\text{E-}006$$

$$R = 1.0000$$

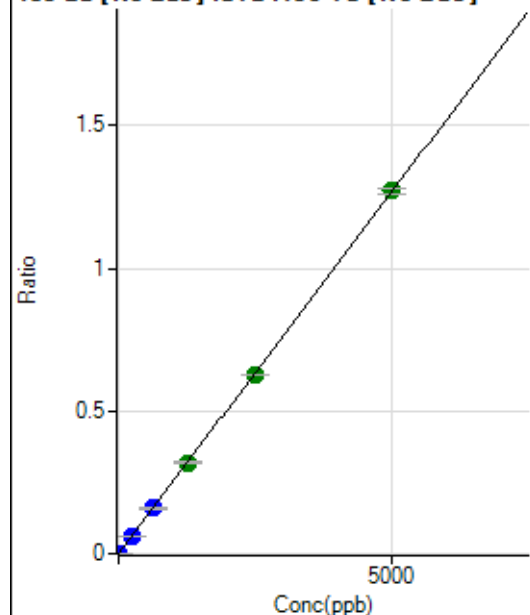
$$DL = 0.0111$$

$$BEC = 0.006943$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.11	0.0000	P	55.0
2	☐	10.000	9.306	20267.80	0.0024	P	0.9
3	☐	250.000	231.197	501612.06	0.0586	P	2.1
4	☐	625.000	626.275	1356401.71	0.1587	P	1.9
5	☐	1250.000	1254.047	2718234.06	0.3178	A	1.7
6	☐	2500.000	2464.869	5252562.04	0.6247	A	0.3
7	☐	5000.000	5017.336	10545278.38	1.2715	A	1.4
8	☐			5134.34	0.0006	P	13.2

$$y = 2.5342\text{E-}004 * x + 3.6166\text{E-}006$$

$$R = 1.0000$$

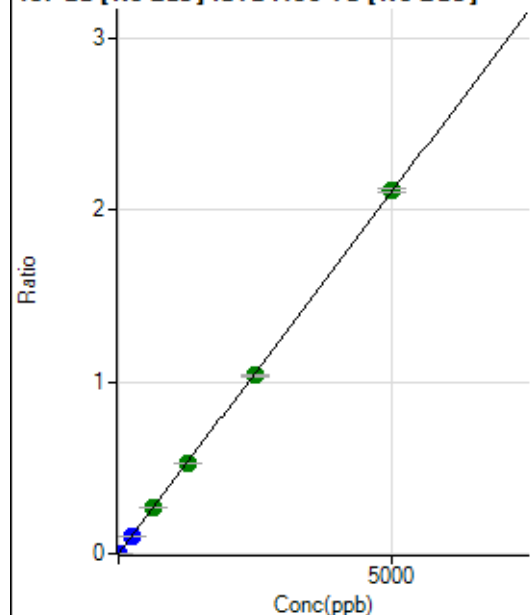
$$DL = 0.02355$$

$$BEC = 0.01427$$

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	44.45	0.0000	P	21.3
2	☐	10.000	9.477	34256.84	0.0040	P	0.7
3	☐	250.000	235.763	849169.10	0.0992	P	2.1
4	☐	625.000	645.693	2321547.93	0.2717	A	1.7
5	☐	1250.000	1248.758	4493691.53	0.5254	A	1.6
6	☐	2500.000	2462.323	8710473.90	1.0359	A	0.2
7	☐	5000.000	5017.275	17504830.57	2.1108	A	1.1
8	☐			8351.46	0.0010	P	12.6

$$y = 4.2071\text{E-}004 * x + 5.1047\text{E-}006$$

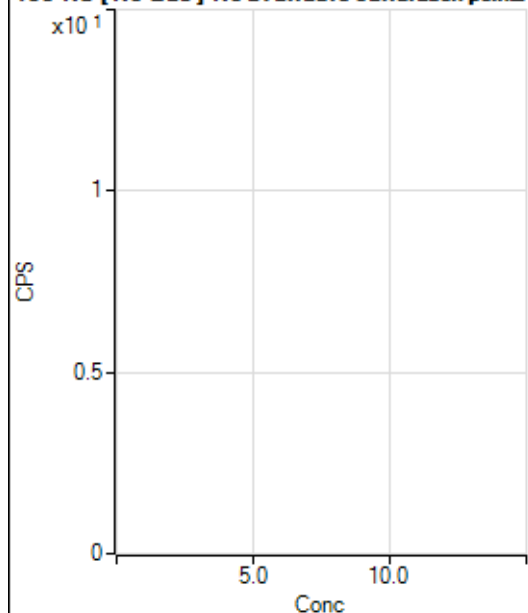
$$R = 0.9999$$

$$DL = 0.007735$$

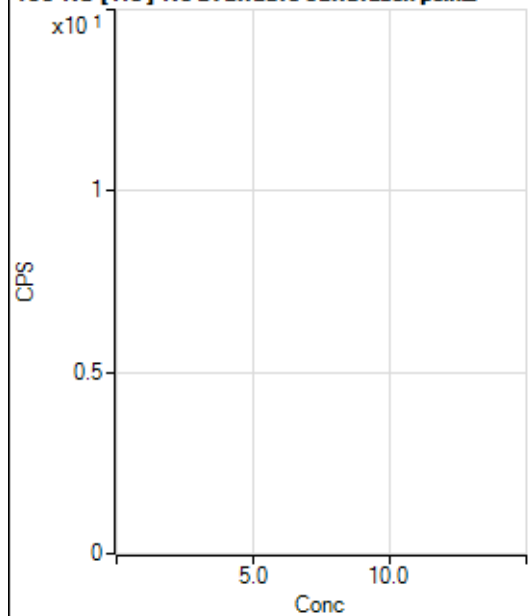
$$BEC = 0.01213$$

Weight: <None>

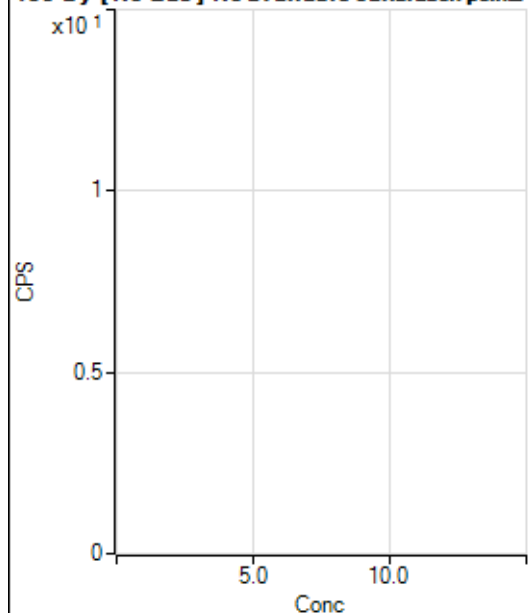
Min Conc: 0

150 Nd [No Gas] No available calibration points

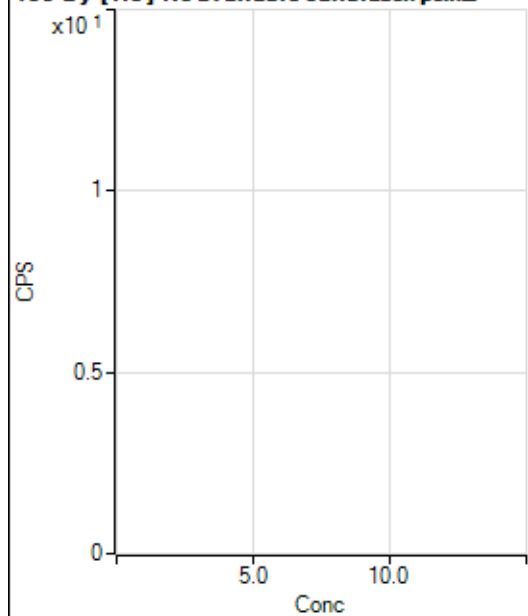
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	43.3
2	☐			7.78		P	65.5
3	☐			115.56		P	18.8
4	☐			281.12		P	3.4
5	☐			547.80		P	6.4
6	☐			1144.50		P	4.4
7	☐			2332.44		P	2.7
8	☐			181.11		P	16.6

150 Nd [He] No available calibration points

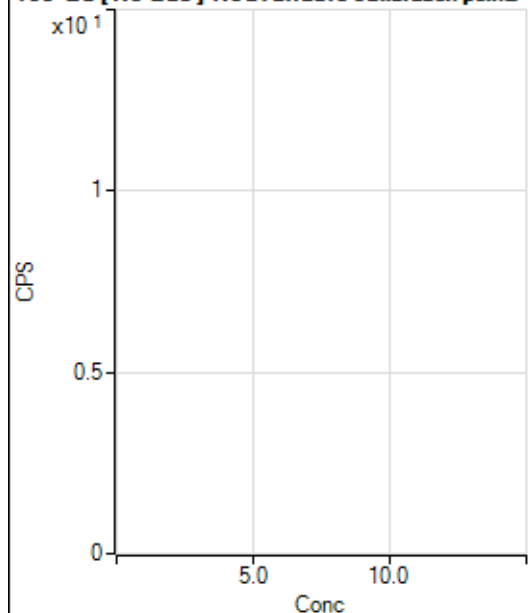
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			5.56		P	91.6
3	☐			27.78		P	61.6
4	☐			57.78		P	12.0
5	☐			100.00		P	26.7
6	☐			287.78		P	7.4
7	☐			453.34		P	7.2
8	☐			95.56		P	23.7

156 Dy [No Gas] No available calibration points

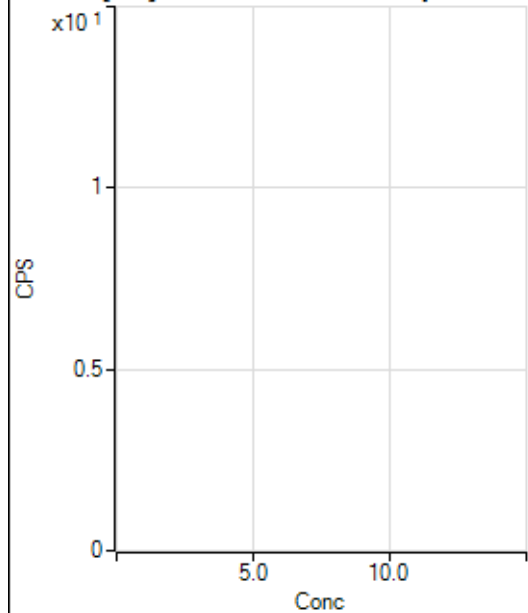
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	15.7
2	☐			6.67		P	50.0
3	☐			31.11		P	34.4
4	☐			83.34		P	30.2
5	☐			162.23		P	35.9
6	☐			282.23		P	9.5
7	☐			478.90		P	8.4
8	☐			310.01		P	3.9

156 Dy [He] No available calibration points

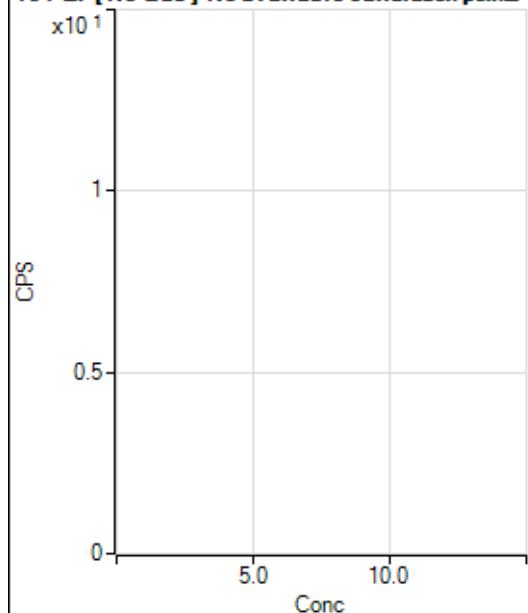
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			4.44		P	114.
3	☐			38.89		P	32.4
4	☐			64.45		P	32.9
5	☐			123.33		P	26.6
6	☐			248.89		P	5.1
7	☐			455.57		P	6.8
8	☐			162.23		P	12.4

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

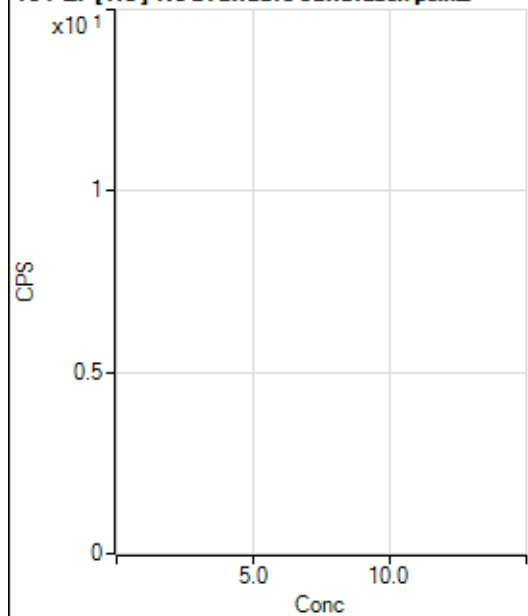
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	23.1
2	☐			60.00		P	22.2
3	☐			46.67		P	14.3
4	☐			66.67		P	30.4
5	☐			93.33		P	19.9
6	☐			158.89		P	1.2
7	☐			281.12		P	16.2
8	☐			263.34		P	7.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			281.12		P	6.8
2	☐			247.78		P	10.8
3	☐			258.89		P	12.9
4	☐			271.12		P	2.6
5	☐			262.23		P	9.0
6	☐			317.79		P	15.7
7	☐			393.35		P	8.9
8	☐			344.45		P	13.2

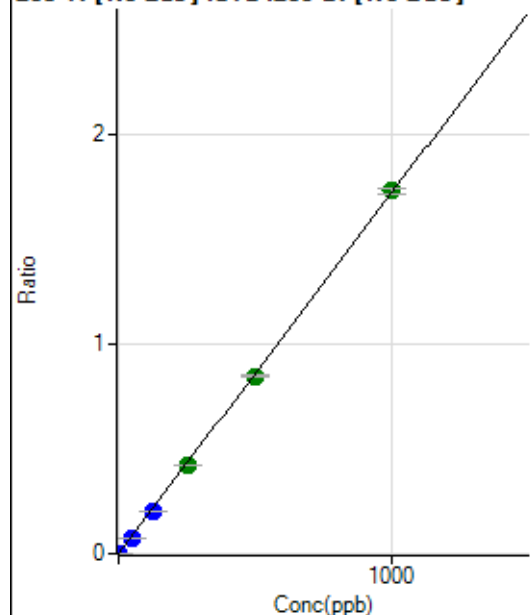
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	27.5
2	☐			57.78		P	23.3
3	☐			73.33		P	19.8
4	☐			81.11		P	13.2
5	☐			111.11		P	9.2
6	☐			150.00		P	17.4
7	☐			258.89		P	8.2
8	☐			324.45		P	6.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	33.8
2	☐			48.89		P	39.9
3	☐			45.56		P	4.2
4	☐			50.00		P	17.6
5	☐			63.33		P	10.5
6	☐			102.22		P	21.0
7	☐			173.34		P	13.3
8	☐			166.67		P	14.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0000	P	18.5
2	☐	1.000	0.852	6886.25	0.0015	P	2.5
3	☐	50.000	42.495	339441.10	0.0732	P	0.6
4	☐	125.000	115.948	918621.40	0.1996	P	1.3
5	☐	250.000	246.252	1972682.87	0.4238	A	0.2
6	☐	500.000	493.024	3806798.31	0.8485	A	0.9
7	☐	1000.000	1005.932	7513597.60	1.7311	A	1.2
8	☐			1905.73	0.0005	P	37.1

$$y = 0.0017 * x + 2.0841E-005$$

$$R = 0.9999$$

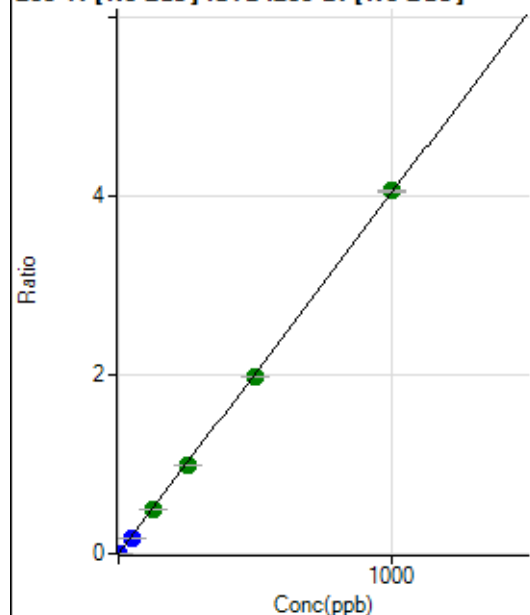
$$DL = 0.006719$$

$$BEC = 0.01211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	232.23	0.0001	P	13.6
2	☐	1.000	0.840	15928.37	0.0034	P	1.8
3	☐	50.000	42.111	788874.29	0.1700	P	0.4
4	☐	125.000	124.079	2305351.39	0.5008	A	1.4
5	☐	250.000	244.857	4599908.82	0.9882	A	0.2
6	☐	500.000	491.774	8905092.51	1.9847	A	0.4
7	☐	1000.000	1005.909	17620521.41	4.0596	A	0.8
8	☐			4283.02	0.0011	P	36.4

$$y = 0.0040 * x + 5.0048E-005$$

$$R = 0.9999$$

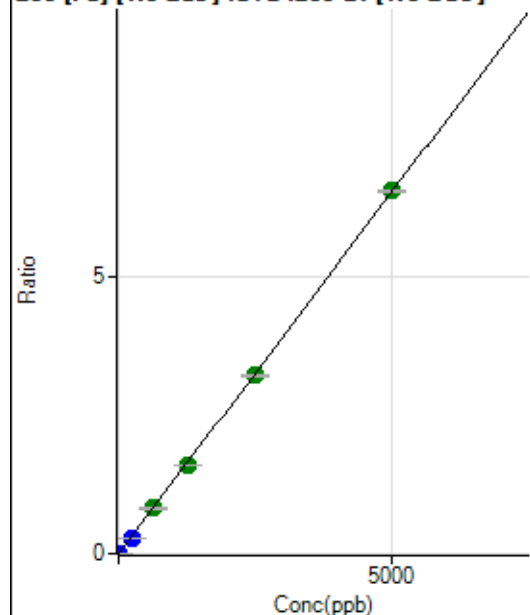
$$DL = 0.005065$$

$$BEC = 0.0124$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	260.00	0.0001	P	13.3
2	☐	1.000	0.879	5547.87	0.0012	P	3.0
3	☐	250.000	219.236	1322391.18	0.2850	P	0.1
4	☐	625.000	626.564	3748593.66	0.8143	A	1.3
5	☐	1250.000	1230.387	7443244.96	1.5991	A	0.4
6	☐	2500.000	2464.369	14369946.87	3.2028	A	1.2
7	☐	5000.000	5024.062	28340760.41	6.5293	A	0.6
8	☐			14967.44	0.0039	P	14.1

$$y = 0.0013 * x + 5.5678E-005$$

$$R = 0.9999$$

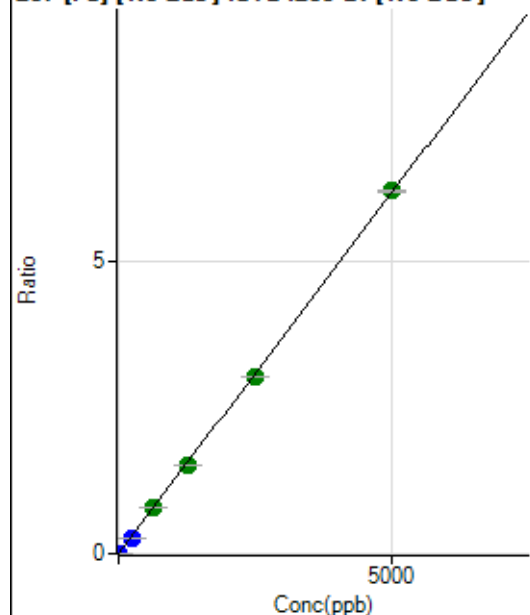
$$DL = 0.01712$$

$$BEC = 0.04284$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	234.45	0.0001	P	6.7
2	☐	1.000	0.864	5157.70	0.0011	P	5.1
3	☐	250.000	211.119	1205736.05	0.2598	P	0.4
4	☐	625.000	638.393	3616113.42	0.7856	A	1.9
5	☐	1250.000	1228.880	7038829.34	1.5122	A	0.5
6	☐	2500.000	2454.471	13550832.16	3.0202	A	0.8
7	☐	5000.000	5028.315	26856524.32	6.1873	A	0.3
8	☐			13720.51	0.0036	P	13.3

$$y = 0.0012 * x + 5.0435E-005$$

$$R = 0.9999$$

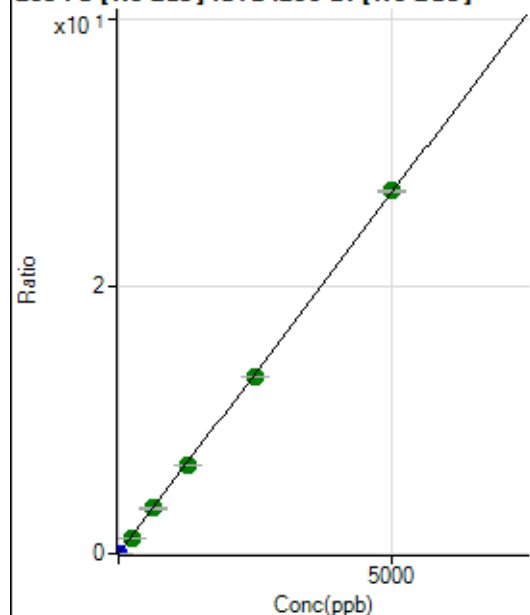
$$DL = 0.008198$$

$$BEC = 0.04099$$

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	988.91	0.0002	P	1.8
2	☐	1.000	0.863	22571.99	0.0049	P	1.5
3	☐	250.000	222.088	5564454.72	1.1991	A	0.4
4	☐	625.000	630.578	15670918.42	3.4043	A	1.4
5	☐	1250.000	1225.298	30790784.89	6.6149	A	0.1
6	☐	2500.000	2455.494	59476259.12	13.2560	A	0.7
7	☐	5000.000	5029.127	117841283.8	27.1495	A	0.8
8	☐			60366.82	0.0157	P	12.6

$$y = 0.0054 * x + 2.1246E-004$$

$$R = 0.9999$$

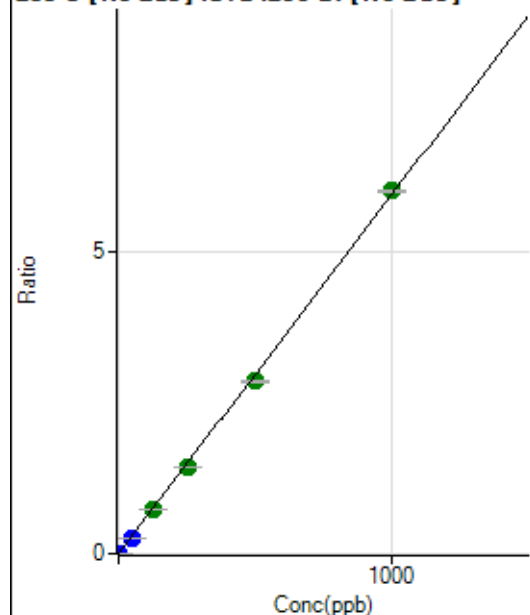
$$DL = 0.002171$$

$$BEC = 0.03936$$

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	40.00	0.0000	P	38.5
2	☐	1.000	0.823	22640.47	0.0049	P	0.8
3	☐	50.000	41.178	1132934.97	0.2441	P	1.1
4	☐	125.000	124.272	3391720.92	0.7368	A	0.5
5	☐	250.000	242.394	6689336.64	1.4371	A	0.2
6	☐	500.000	481.745	12814883.56	2.8561	A	1.2
7	☐	1000.000	1011.561	26032045.45	5.9972	A	0.5
8	☐			4301.97	0.0011	P	42.5

$$y = 0.0059 * x + 8.5930E-006$$

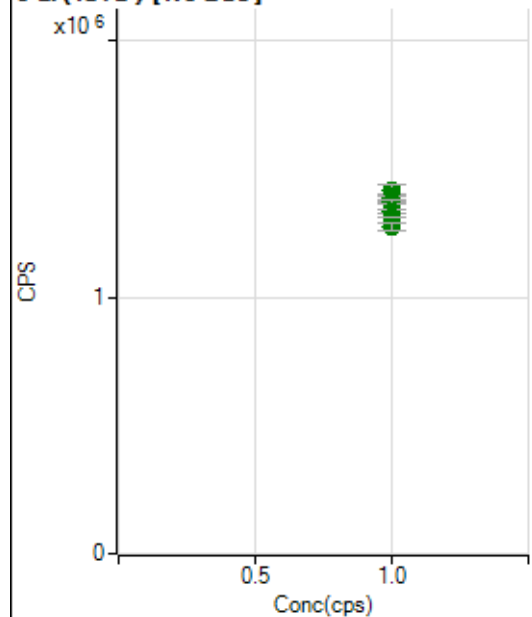
$$R = 0.9997$$

$$DL = 0.001672$$

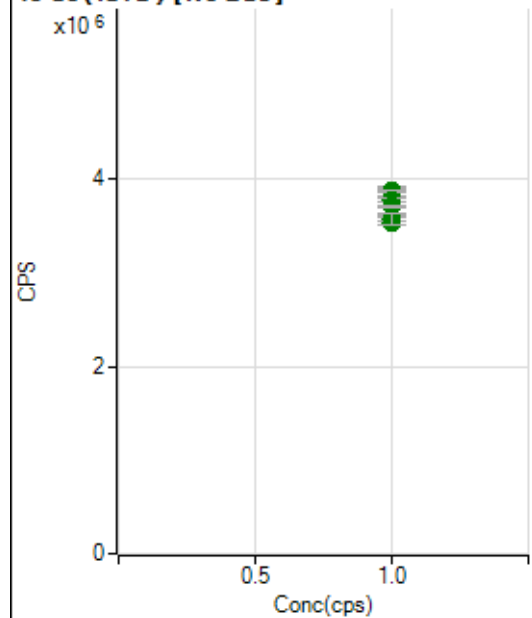
$$BEC = 0.001449$$

Weight: <None>

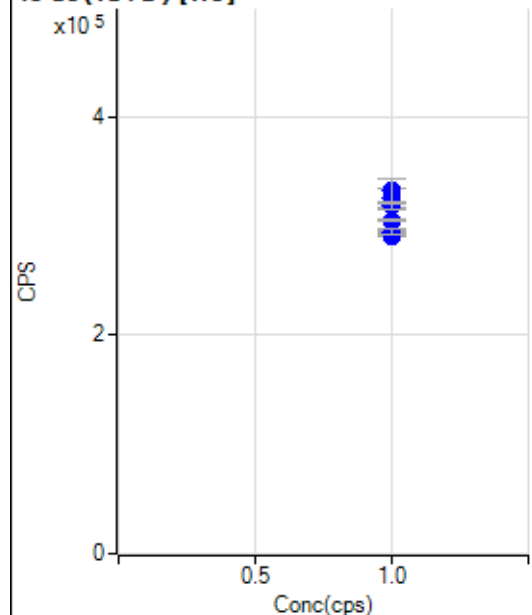
Min Conc: 0

6 Li (ISTD) [No Gas]

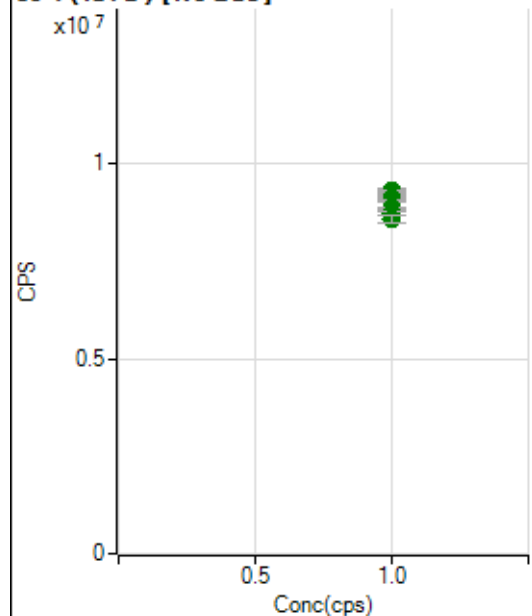
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1415401.51		A	3.2
2	☐	1.000		1383670.22		A	1.4
3	☐	1.000		1397205.57		A	0.7
4	☐	1.000		1386380.87		A	0.8
5	☐	1.000		1376052.57		A	1.1
6	☐	1.000		1334196.46		A	1.2
7	☐	1.000		1313751.98		A	0.3
8	☐	1.000		1275483.29		A	2.5

45 Sc (ISTD) [No Gas]

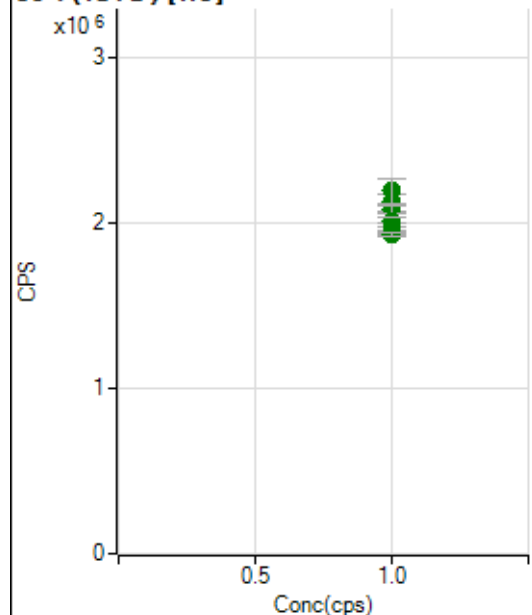
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3877477.54		A	2.3
2	☐	1.000		3870148.24		A	2.1
3	☐	1.000		3879537.58		A	0.4
4	☐	1.000		3785508.38		A	1.0
5	☐	1.000		3713957.51		A	0.3
6	☐	1.000		3601878.21		A	0.6
7	☐	1.000		3542739.15		A	1.3
8	☐	1.000		3578470.16		A	3.8

45 Sc (ISTD) [He]

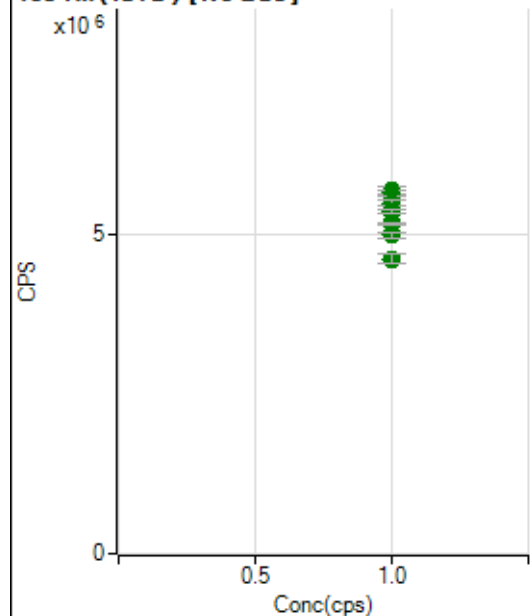
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		325538.80		P	5.0
2	☐	1.000		318402.87		P	2.0
3	☐	1.000		332112.82		P	6.9
4	☐	1.000		305081.22		P	0.5
5	☐	1.000		294775.99		P	0.3
6	☐	1.000		292003.65		P	0.5
7	☐	1.000		290685.73		P	0.2
8	☐	1.000		294752.04		P	1.8

89 Y (ISTD) [No Gas]

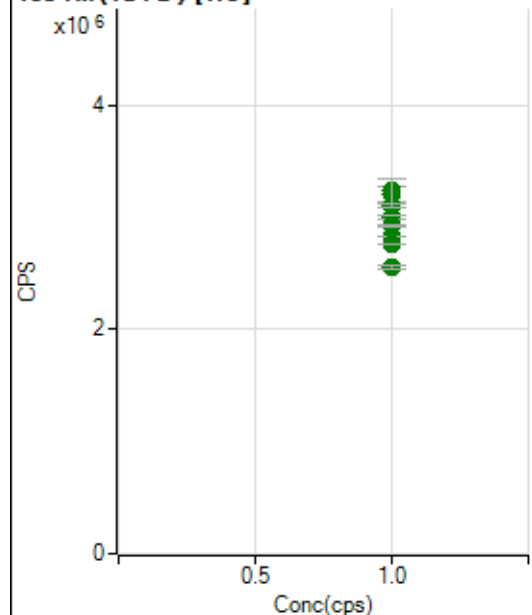
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9243706.67		A	2.1
2	☐	1.000		9271224.38		A	1.3
3	☐	1.000		9296563.20		A	0.9
4	☐	1.000		9110236.67		A	0.5
5	☐	1.000		9048468.41		A	0.2
6	☐	1.000		8861919.31		A	0.6
7	☐	1.000		8711723.48		A	1.1
8	☐	1.000		8567287.79		A	2.4

89 Y(ISTD) [He]

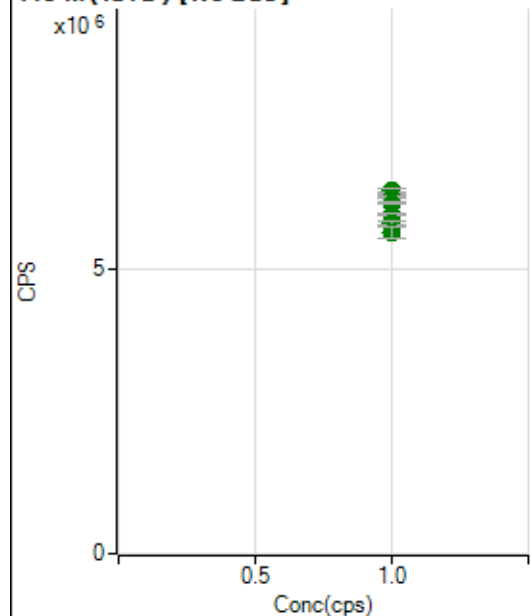
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2123401.67		A	5.0
2	☐	1.000		2080865.46		A	2.3
3	☐	1.000		2194281.78		A	7.1
4	☐	1.000		2017666.41		A	1.7
5	☐	1.000		1973317.73		A	0.2
6	☐	1.000		1939594.64		A	0.4
7	☐	1.000		1950956.32		A	0.7
8	☐	1.000		1930873.87		A	1.1

103 Rh(ISTD) [No Gas]

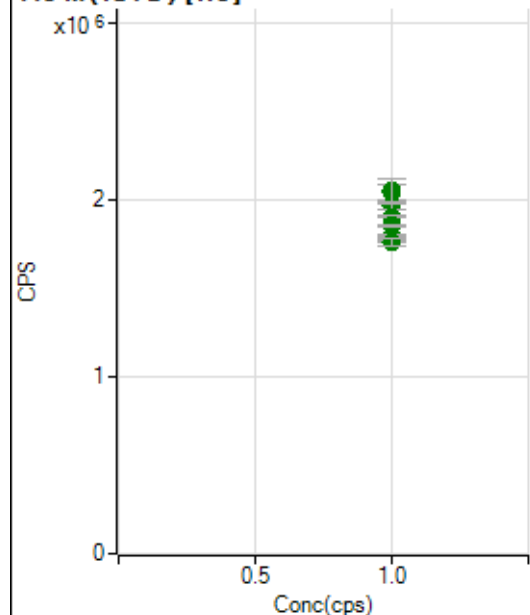
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5679269.71		A	3.0
2	☐	1.000		5664631.24		A	1.3
3	☐	1.000		5590959.71		A	0.2
4	☐	1.000		5486175.23		A	1.6
5	☐	1.000		5355529.29		A	1.0
6	☐	1.000		5171850.65		A	0.5
7	☐	1.000		4985008.12		A	1.5
8	☐	1.000		4616633.37		A	3.0

103 Rh (ISTD) [He]

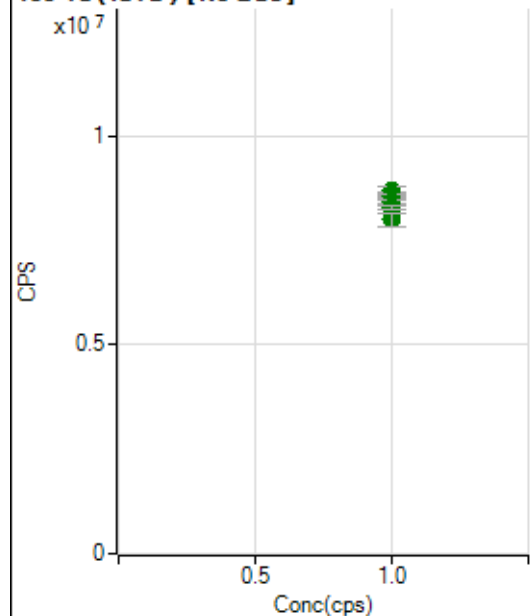
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3207705.58		A	4.3
2	☐	1.000		3100458.77		A	1.3
3	☐	1.000		3231993.63		A	6.7
4	☐	1.000		3000487.35		A	1.4
5	☐	1.000		2923745.55		A	0.6
6	☐	1.000		2825768.33		A	0.5
7	☐	1.000		2759120.86		A	0.3
8	☐	1.000		2556832.83		A	1.4

115 In (ISTD) [No Gas]

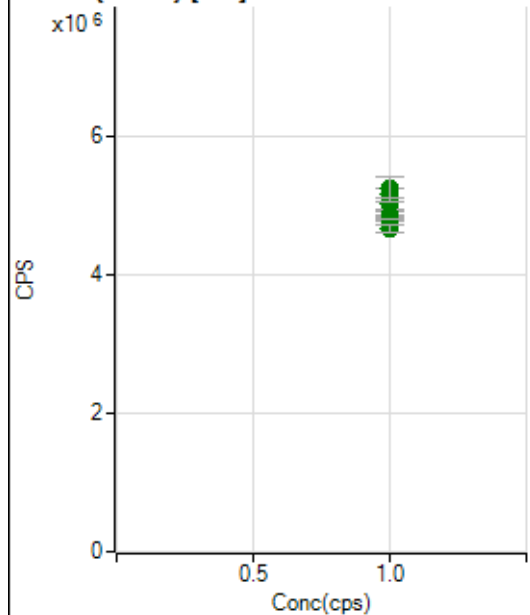
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6381297.69		A	1.5
2	☐	1.000		6389543.46		A	2.0
3	☐	1.000		6395007.01		A	1.0
4	☐	1.000		6282724.46		A	0.5
5	☐	1.000		6180170.01		A	0.9
6	☐	1.000		5973280.13		A	0.5
7	☐	1.000		5830720.51		A	1.5
8	☐	1.000		5658563.20		A	4.0

115 In (ISTD) [He]

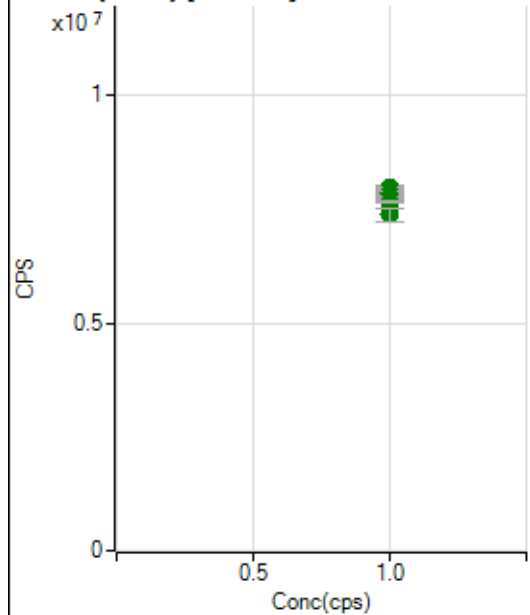
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2041219.05		A	4.1
2	☐	1.000		1966742.31		A	2.0
3	☐	1.000		2050967.80		A	6.8
4	☐	1.000		1904281.43		A	0.5
5	☐	1.000		1854949.18		A	0.3
6	☐	1.000		1797910.95		A	1.0
7	☐	1.000		1762328.24		A	0.6
8	☐	1.000		1763358.16		A	2.2

159 Tb (ISTD) [No Gas]

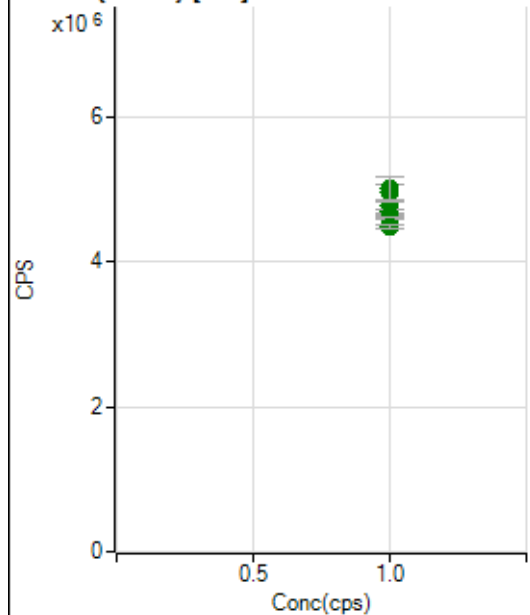
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8675487.02		A	2.8
2	☐	1.000		8581746.12		A	1.4
3	☐	1.000		8562405.70		A	1.3
4	☐	1.000		8546251.19		A	0.3
5	☐	1.000		8553956.12		A	1.0
6	☐	1.000		8408571.96		A	1.0
7	☐	1.000		8293581.75		A	1.2
8	☐	1.000		7978422.17		A	3.9

159 Tb (ISTD) [He]

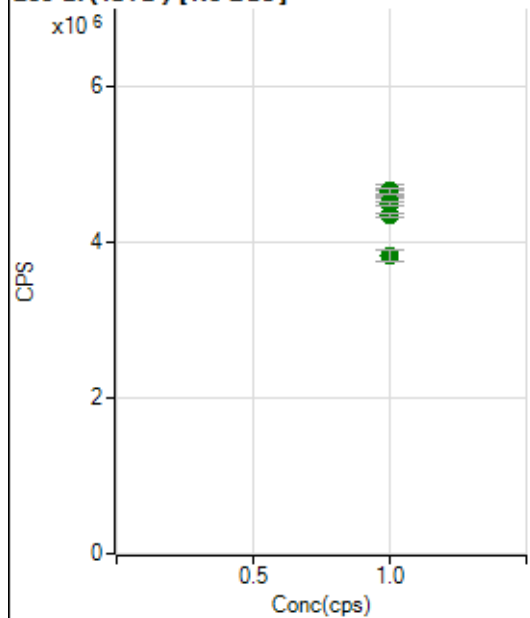
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5158936.90		A	4.0
2	☐	1.000		5032674.09		A	3.3
3	☐	1.000		5244328.43		A	6.8
4	☐	1.000		4933143.43		A	1.0
5	☐	1.000		4804326.98		A	0.8
6	☐	1.000		4851482.29		A	0.4
7	☐	1.000		4810154.09		A	0.4
8	☐	1.000		4670647.22		A	2.2

165 Ho (ISTD) [No Gas]

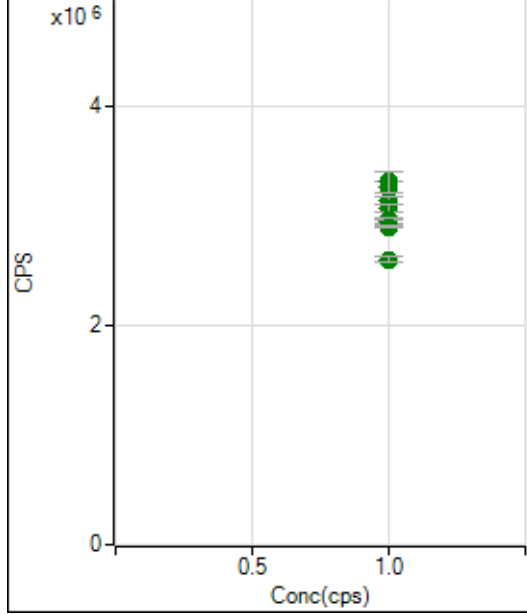
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7932374.74		A	2.6
2	☐	1.000		7943208.84		A	1.6
3	☐	1.000		7966827.94		A	0.3
4	☐	1.000		7851909.75		A	0.3
5	☐	1.000		7850956.62		A	0.6
6	☐	1.000		7752871.13		A	0.5
7	☐	1.000		7657524.33		A	0.4
8	☐	1.000		7377044.13		A	4.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4969126.73		A	4.3
2	☐	1.000		4783897.85		A	2.2
3	☐	1.000		5006509.23		A	6.2
4	☐	1.000		4700910.31		A	1.1
5	☐	1.000		4631076.15		A	1.4
6	☐	1.000		4638072.29		A	0.7
7	☐	1.000		4607730.42		A	0.6
8	☐	1.000		4488141.81		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4653285.63		A	4.1
2	☐	1.000		4632411.15		A	0.9
3	☐	1.000		4640416.91		A	0.9
4	☐	1.000		4603468.68		A	0.7
5	☐	1.000		4654825.80		A	1.5
6	☐	1.000		4486983.89		A	1.2
7	☐	1.000		4340647.75		A	1.1
8	☐	1.000		3824475.50		A	3.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3270050.82		A	3.0
2	☐	1.000		3145560.37		A	2.5
3	☐	1.000		3313644.95		A	6.1
4	☐	1.000		3066904.83		A	2.2
5	☐	1.000		2954263.32		A	0.9
6	☐	1.000		2973701.74		A	0.4
7	☐	1.000		2900984.64		A	0.6
8	☐	1.000		2604920.07		A	2.0