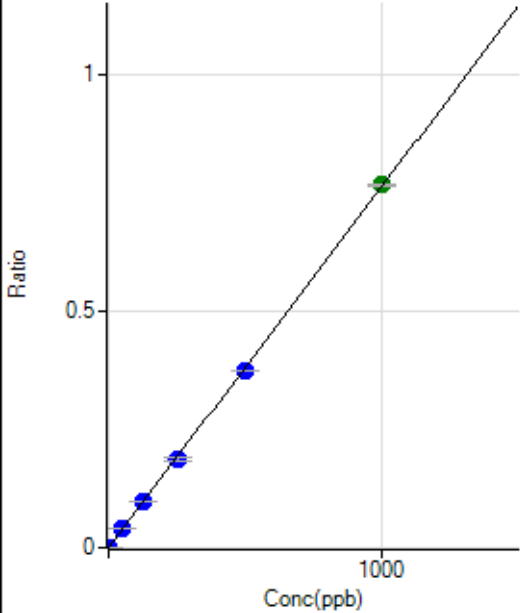


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122724 MS.b\
 Analysis File: P7122724 MS.batch.bin
 DA Date-Time: 2024-12-28 21:03:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2024-12-27 14:36:11
2	005CALS.d	S01	2024-12-27 14:46:11
3	006CALS.d	S02	2024-12-27 14:49:33
4	007CALS.d	S03	2024-12-27 14:52:53
5	008CALS.d	S04	2024-12-27 14:55:56
6	009CALS.d	S05	2024-12-27 14:58:53
7	010CALS.d	S06	2024-12-27 15:01:40
8	011CALS.d	S07	2024-12-27 15:04:29
9	012CALS.d	S08	2024-12-27 15:07:16

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0000	P	9.7
2	☐	0.100	0.125	257.78	0.0001	P	10.2
3	☐	1.000	1.120	1787.90	0.0009	P	3.1
4	☐	50.000	53.826	83608.77	0.0411	P	0.9
5	☐	125.000	128.660	195932.82	0.0982	P	0.7
6	☐	250.000	246.394	377837.92	0.1881	P	4.0
7	☐	500.000	490.076	719959.30	0.3740	P	0.8
8	☐	1000.000	1005.215	1462889.36	0.7672	A	0.9
9	☐			517.79	0.0003	P	8.1

$y = 7.6314E-004 * x + 3.5823E-005$

$R = 0.9999$

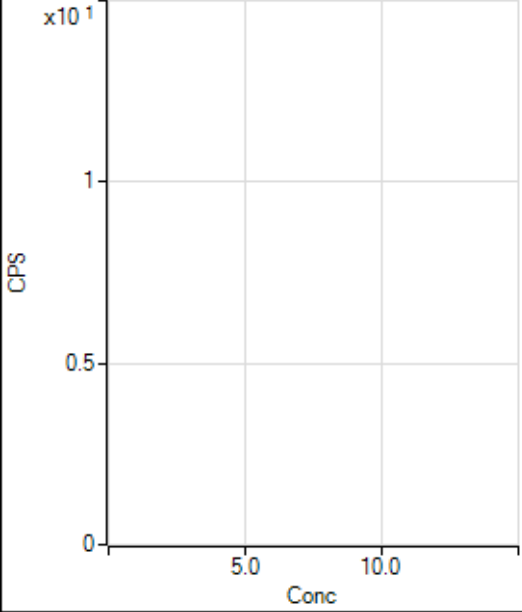
$DL = 0.01364$

$BEC = 0.04694$

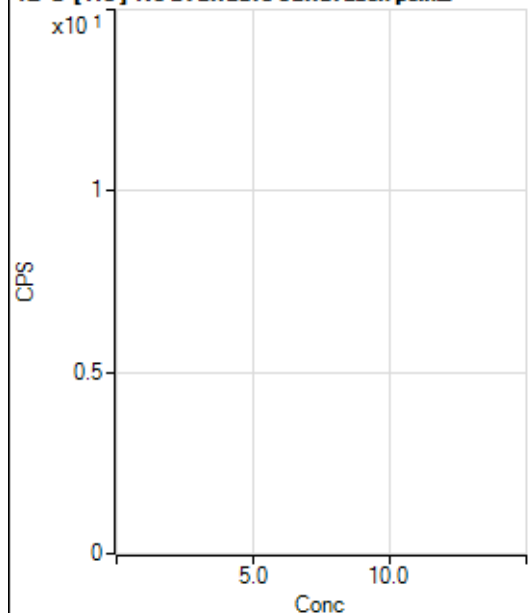
Weight: <None>

Min Conc: 0

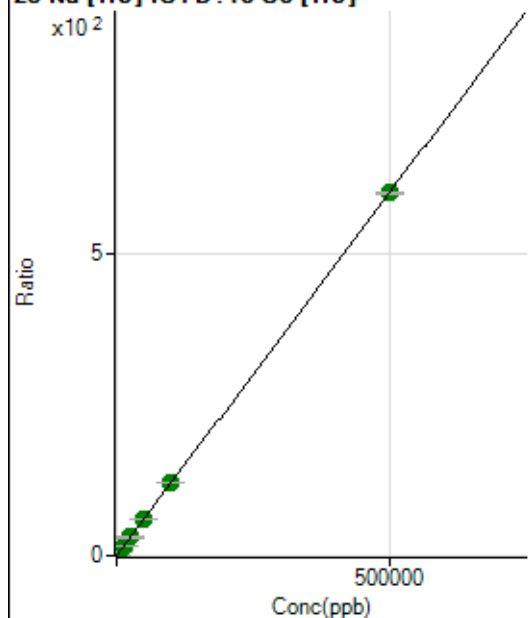
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19727.18	0.0306	P	1.0
2	☐	50.000	49.073	59310.36	0.0895	P	1.0
3	☐	500.000	494.691	413279.69	0.6249	P	1.4
4	☐	5000.000	5255.212	4004839.25	6.3448	A	0.6
5	☐	12500.000	12466.416	8881728.97	15.0092	A	0.2
6	☐	25000.000	25184.091	16884720.30	30.2897	A	0.6
7	☐	50000.000	50452.889	32275264.79	60.6506	A	0.3
8	☐	100000.00	100151.82	64095066.27	120.3647	A	0.8
9	☐	500000.00	499913.43	337010199.42	600.6850	A	0.8

$$y = 0.0012 * x + 0.0306$$

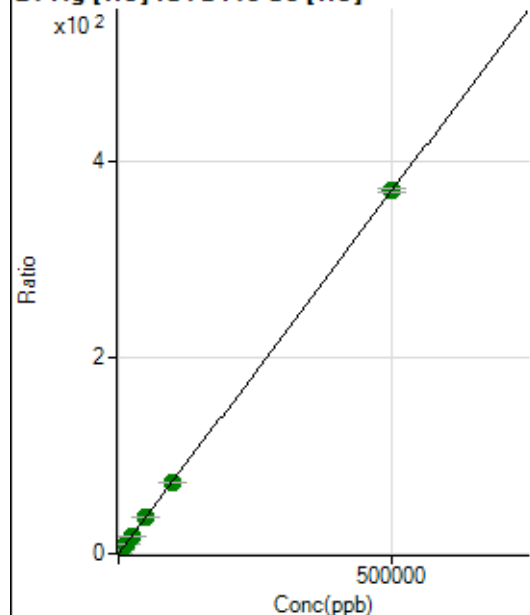
$$R = 1.0000$$

$$DL = 0.7448$$

$$BEC = 25.43$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	982.26	0.0015	P	8.0
2	☐	50.000	53.402	27107.25	0.0409	P	1.1
3	☐	500.000	533.822	261412.79	0.3953	P	1.5
4	☐	5000.000	5243.407	2442327.50	3.8693	A	0.3
5	☐	12500.000	12416.580	5420786.31	9.1606	A	0.1
6	☐	25000.000	25008.433	10284204.08	18.4489	A	0.5
7	☐	50000.000	50044.805	19645573.87	36.9169	A	0.5
8	☐	100000.00	98391.376	38649455.54	72.5796	A	0.7
9	☐	500000.00	500316.44	207055096.92	369.0582	A	0.9

$$y = 7.3765E-004 * x + 0.0015$$

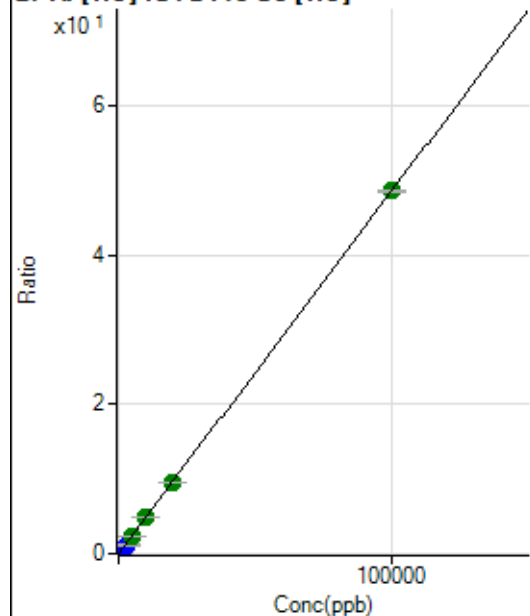
$$R = 1.0000$$

$$DL = 0.4942$$

$$BEC = 2.063$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0002	P	8.5
2	☐	2.000	2.483	900.03	0.0014	P	3.0
3	☐	20.000	19.729	6441.40	0.0097	P	1.8
4	☐	1000.000	989.508	303664.81	0.4811	P	0.1
5	☐	2500.000	2379.562	684475.64	1.1567	P	0.9
6	☐	5000.000	4960.091	1344006.90	2.4109	A	1.5
7	☐	10000.000	10004.926	2587792.20	4.8628	A	0.9
8	☐	20000.000	19502.325	5047693.19	9.4788	A	0.5
9	☐	100000.00	100104.15	27296714.31	48.6534	A	0.6

$$y = 4.8603E-004 * x + 1.5151E-004$$

$$R = 1.0000$$

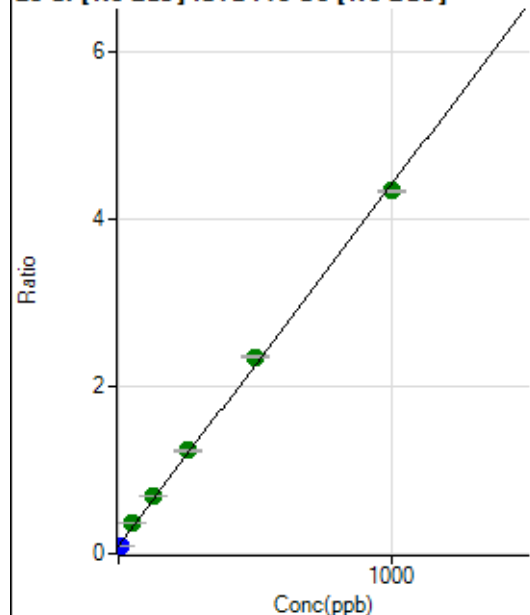
$$DL = 0.07993$$

$$BEC = 0.3117$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	671428.24	0.0950	P	0.9
2	☐	1.000	0.703	701235.96	0.0981	P	4.5
3	☐	10.000	1.152	732185.64	0.1000	P	0.5
4	☐	50.000	63.192	2641180.28	0.3679	A	1.2
5	☐	125.000	139.417	4727784.90	0.6970	A	0.9
6	☐	250.000	264.503	8126871.61	1.2371	A	2.1
7	☐	500.000	522.720	14546371.59	2.3520	A	1.0
8	☐	1000.000	982.641	26341452.94	4.3378	A	0.4
9	☐			549482.46	0.0893	P	1.8

$$y = 0.0043 * x + 0.0950$$

$$R = 0.9993$$

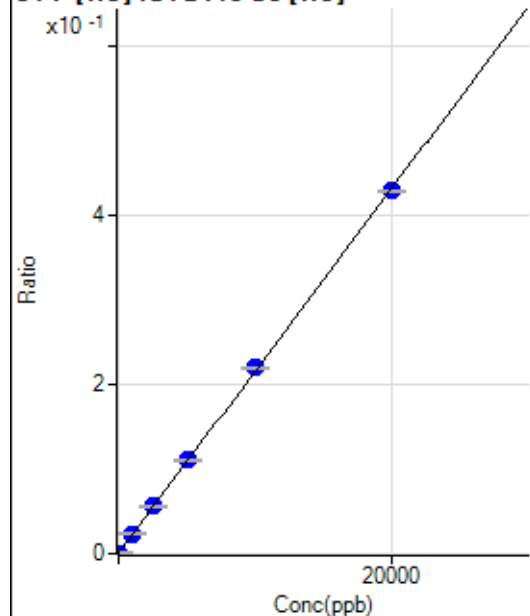
$$DL = 0.6011$$

$$BEC = 22.01$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.275	171.11	0.0003	P	13.1
2	☐	0.000	-11.168	220.00	0.0003	P	6.6
3	☐	0.000	25.444	741.14	0.0011	P	8.3
4	☐	1000.000	1075.103	14986.32	0.0237	P	1.9
5	☐	2500.000	2568.896	33100.23	0.0559	P	2.0
6	☐	5000.000	5098.091	61564.18	0.1104	P	2.2
7	☐	10000.000	10159.202	116817.96	0.2195	P	0.8
8	☐	20000.000	19883.509	228495.47	0.4291	P	0.4
9	☐			294.45	0.0005	P	6.9

$$y = 2.1551E-005 * x + 5.7274E-004$$

$$R = 0.9999$$

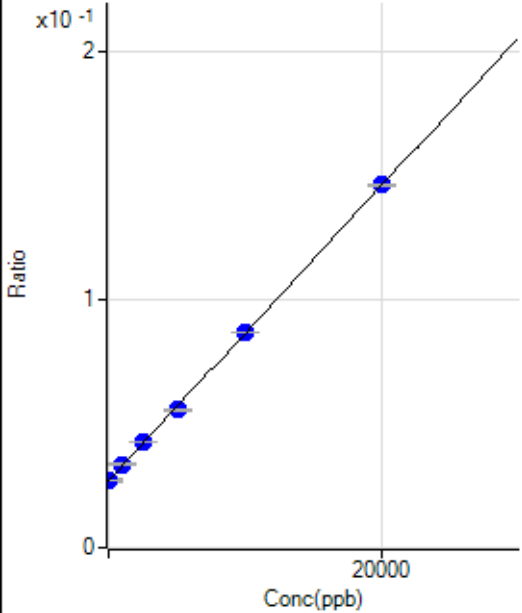
$$DL = 6.938$$

$$BEC = 26.58$$

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	-17.338	190300.33	0.0269	P	0.6
2	☐	0.000	-0.606	193323.98	0.0270	P	4.1
3	☐	0.000	17.944	198712.04	0.0271	P	1.8
4	☐	1000.000	1097.864	241094.77	0.0336	P	1.2
5	☐	2500.000	2591.925	288211.91	0.0425	P	0.1
6	☐	5000.000	4791.041	365280.48	0.0556	P	1.6
7	☐	10000.000	10012.065	536371.07	0.0867	P	0.1
8	☐	20000.000	20029.824	889326.48	0.1465	P	0.4
9	☐			156533.29	0.0254	P	3.7

y = 5.9621E-006 * x + 0.0270

R = 0.9999

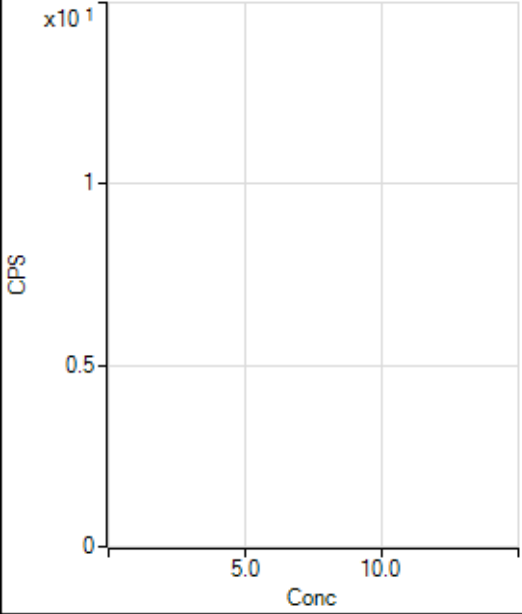
DL = 295.1

BEC = 4534

Weight: <None>

Min Conc: 0

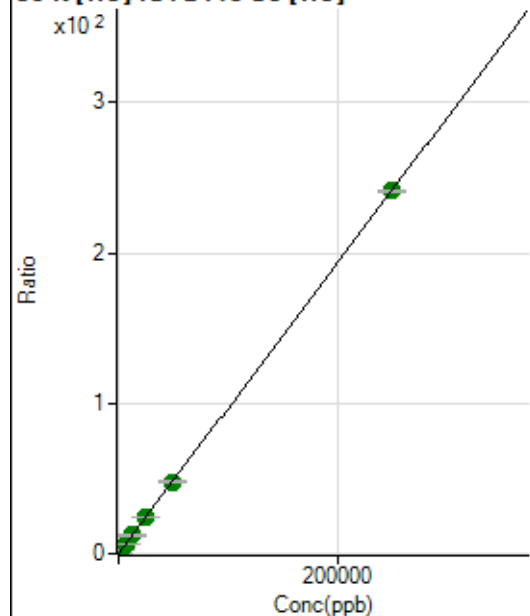
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58032.30	0.0899	P	1.7
2	☐	50.000	54.164	94159.89	0.1421	P	0.6
3	☐	500.000	548.403	409097.28	0.6186	P	1.3
4	☐	2500.000	2645.931	1666855.34	2.6408	A	0.9
5	☐	6250.000	6269.920	3630180.01	6.1346	A	0.8
6	☐	12500.000	12534.651	6786804.41	12.1743	A	0.8
7	☐	25000.000	25162.824	12957340.36	24.3488	A	0.1
8	☐	50000.000	49462.550	25440310.73	47.7756	A	1.2
9	☐	250000.00	250087.42	135322059.09	241.1936	A	0.7

$$y = 9.6408\text{E-}004 * x + 0.0899$$

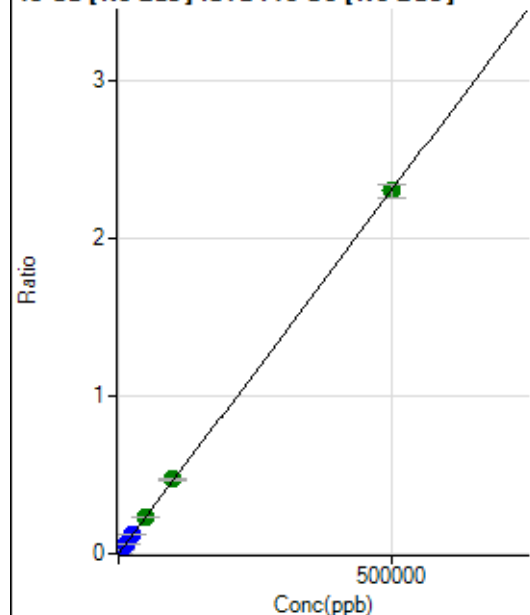
$$R = 1.0000$$

$$DL = 4.759$$

$$BEC = 93.25$$

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	214.45	0.0000	P	12.5
2	☐	50.000	58.169	2130.17	0.0003	P	5.5
3	☐	500.000	544.360	18556.97	0.0025	P	0.8
4	☐	5000.000	5486.785	181413.44	0.0253	P	2.0
5	☐	12500.000	13191.767	411813.06	0.0607	P	0.9
6	☐	25000.000	25753.582	778443.93	0.1185	P	2.4
7	☐	50000.000	51301.240	1459687.17	0.2360	A	0.2
8	☐	100000.00	102320.73	2858378.33	0.4707	A	0.9
9	☐	500000.00	499345.84	14133703.95	2.2971	A	3.7

$$y = 4.6002\text{E-}006 * x + 3.0339\text{E-}005$$

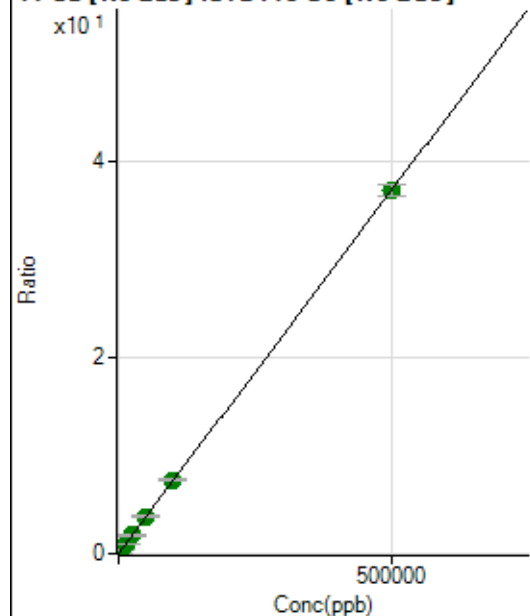
$$R = 1.0000$$

$$DL = 2.472$$

$$BEC = 6.595$$

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	6617.06	0.0009	P	1.4
2	☐	50.000	58.593	37677.79	0.0053	P	4.6
3	☐	500.000	556.661	308207.99	0.0421	P	1.5
4	☐	5000.000	5316.397	2829020.90	0.3940	A	1.2
5	☐	12500.000	12869.277	6461367.13	0.9525	A	0.6
6	☐	25000.000	25212.125	12252134.12	1.8652	A	2.5
7	☐	50000.000	51499.462	23555786.04	3.8089	A	0.5
8	☐	100000.00	101755.99	45694166.54	7.5250	A	0.4
9	☐	500000.00	499475.79	227254821.06	36.9331	A	3.2

$$y = 7.3942\text{E-}005 * x + 9.3648\text{E-}004$$

$$R = 1.0000$$

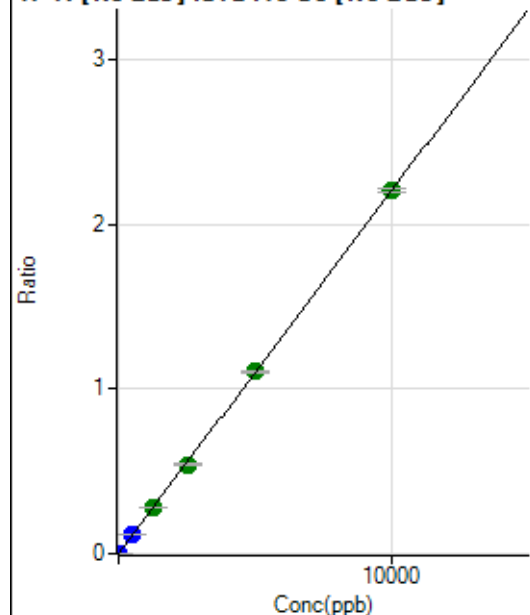
$$DL = 0.5379$$

$$BEC = 12.67$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	5.9
2	☐	0.500	0.565	955.60	0.0001	P	7.2
3	☐	5.000	5.290	8593.61	0.0012	P	0.6
4	☐	500.000	511.871	808868.89	0.1127	P	1.3
5	☐	1250.000	1268.971	1894456.19	0.2793	A	1.1
6	☐	2500.000	2450.803	3542930.29	0.5394	A	3.1
7	☐	5000.000	5019.615	6832173.23	1.1047	A	0.7
8	☐	10000.000	9999.527	13363758.13	2.2007	A	1.0
9	☐			2585.81	0.0004	P	17.1

$$y = 2.2008\text{E-}004 * x + 9.4383\text{E-}006$$

$$R = 1.0000$$

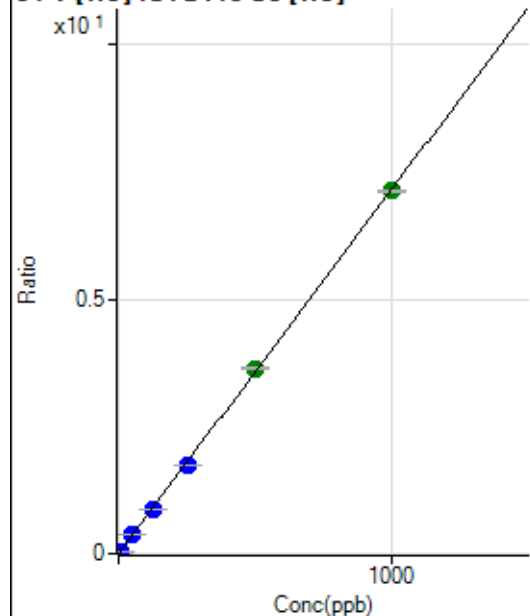
$$DL = 0.007631$$

$$BEC = 0.04288$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	21.9
2	☐	0.500	0.531	2546.90	0.0038	P	4.3
3	☐	5.000	5.438	25763.12	0.0390	P	0.6
4	☐	50.000	51.556	232869.24	0.3689	P	0.3
5	☐	125.000	123.471	522785.72	0.8834	P	0.6
6	☐	250.000	244.895	976760.47	1.7522	P	0.3
7	☐	500.000	509.558	1940071.29	3.6458	A	1.1
8	☐	1000.000	996.608	3797036.47	7.1305	A	0.8
9	☐			894.48	0.0016	P	10.4

$$y = 0.0072 * x + 4.8165\text{E-}005$$

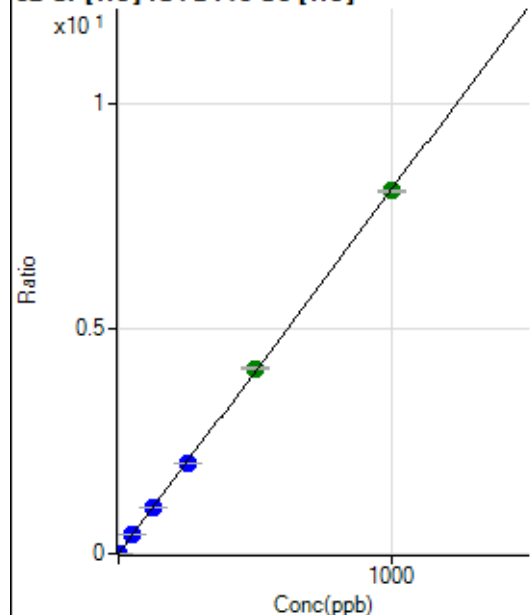
$$R = 0.9999$$

$$DL = 0.004432$$

$$BEC = 0.006732$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2269.08	0.0035	P	3.6
2	☐	0.200	0.194	3370.41	0.0051	P	1.7
3	☐	2.000	2.130	13721.90	0.0208	P	2.7
4	☐	50.000	51.816	266903.43	0.4228	P	0.3
5	☐	125.000	124.182	596774.68	1.0085	P	0.7
6	☐	250.000	245.917	1111345.51	1.9936	P	0.4
7	☐	500.000	509.231	2194886.46	4.1246	A	0.3
8	☐	1000.000	996.417	4295889.31	8.0672	A	0.8
9	☐			7299.67	0.0130	P	3.3

$$y = 0.0081 * x + 0.0035$$

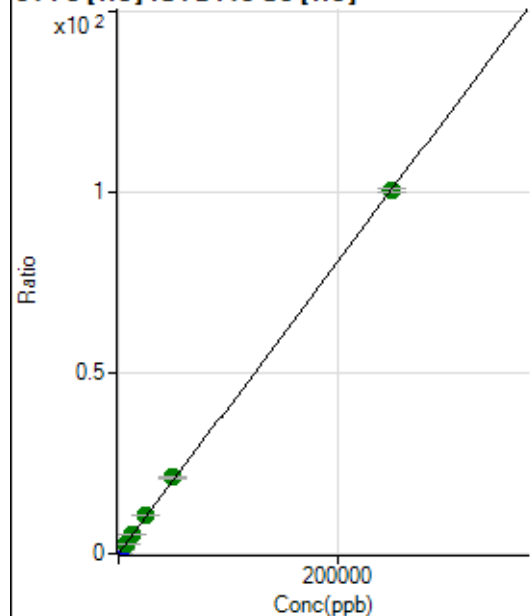
$$R = 0.9999$$

$$DL = 0.04646$$

$$BEC = 0.4343$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2790.29	0.0043	P	2.6
2	☐	5.000	5.966	4457.37	0.0067	P	2.3
3	☐	50.000	58.591	18480.31	0.0279	P	1.2
4	☐	2500.000	2800.161	715313.99	1.1333	P	0.3
5	☐	6250.000	6665.574	1592795.39	2.6917	A	0.2
6	☐	12500.000	13271.330	2985170.86	5.3549	A	0.7
7	☐	25000.000	26631.449	5715949.98	10.7412	A	0.2
8	☐	50000.000	52305.301	11231767.89	21.0921	A	0.6
9	☐	250000.00	249323.83	56397190.83	100.5234	A	1.1

$$y = 4.0317E-004 * x + 0.0043$$

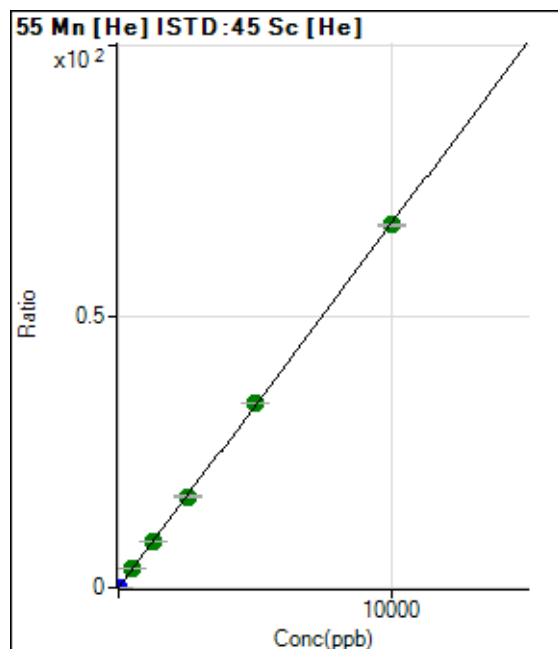
$$R = 0.9999$$

$$DL = 0.8355$$

$$BEC = 10.72$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	298.90	0.0005	P	4.2
2	☐	0.100	0.103	766.69	0.0012	P	6.9
3	☐	1.000	1.026	4860.84	0.0073	P	1.6
4	☐	500.000	524.580	2222992.42	3.5218	A	0.7
5	☐	1250.000	1250.241	4966512.49	8.3929	A	0.3
6	☐	2500.000	2499.680	9353947.84	16.7799	A	0.8
7	☐	5000.000	5075.549	18130753.06	34.0708	A	0.2
8	☐	10000.000	9961.046	35606662.52	66.8654	A	0.6
9	☐			17778.39	0.0317	P	2.1

$$y = 0.0067 * x + 4.6304E-004$$

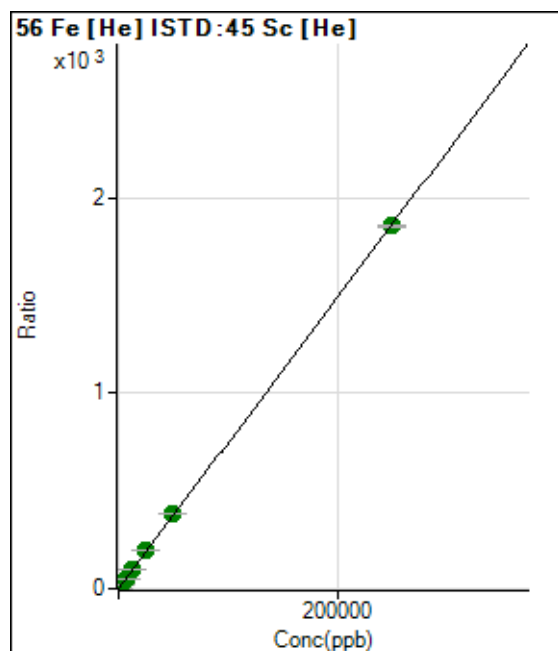
$$R = 1.0000$$

$$DL = 0.008717$$

$$BEC = 0.06898$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22232.51	0.0344	P	4.3
2	☐	5.000	5.397	49426.42	0.0746	P	1.0
3	☐	50.000	56.839	302444.68	0.4573	P	0.8
4	☐	2500.000	2738.558	12882686.06	20.4092	A	0.5
5	☐	6250.000	6539.674	28812218.46	48.6893	A	0.8
6	☐	12500.000	13053.310	54155524.75	97.1505	A	0.8
7	☐	25000.000	26397.411	104530290.66	196.4300	A	0.2
8	☐	50000.000	51639.044	204605159.17	384.2266	A	0.6
9	☐	250000.00	249495.15	1041461495.5	1,856.266	A	0.5

$$y = 0.0074 * x + 0.0344$$

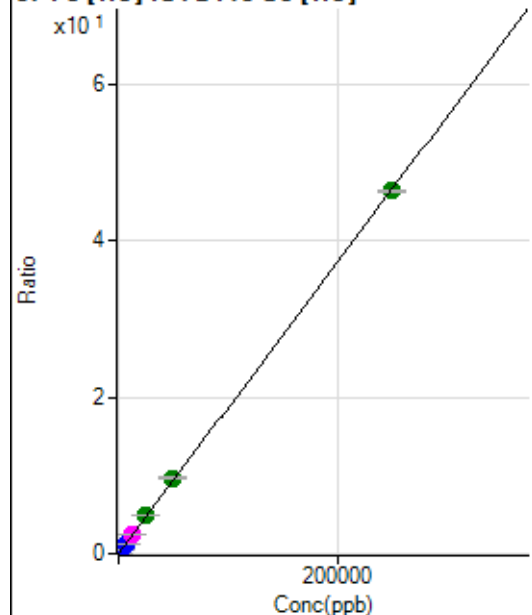
$$R = 1.0000$$

$$DL = 0.5975$$

$$BEC = 4.63$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1251.18	0.0019	P	9.0
2	☐	5.000	5.894	2011.27	0.0030	P	2.8
3	☐	50.000	59.629	8619.21	0.0130	P	1.9
4	☐	2500.000	2760.566	325415.88	0.5155	P	0.3
5	☐	6250.000	6630.302	731126.96	1.2355	P	0.7
6	☐	12500.000	13143.018	1364264.79	2.4472	M	1.0
7	☐	25000.000	26401.124	2614896.75	4.9139	A	1.4
8	☐	50000.000	52063.484	5159103.78	9.6885	A	1.0
9	☐	250000.00	249402.92	26034667.94	46.4039	A	0.7

$$y = 1.8605\text{E-}004 * x + 0.0019$$

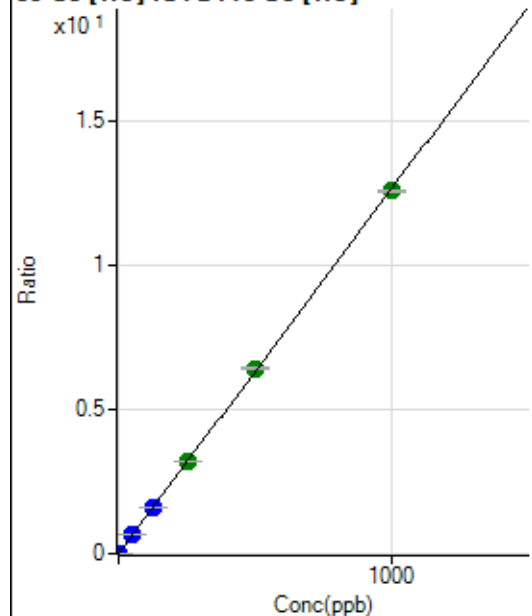
$$R = 1.0000$$

$$DL = 2.818$$

$$BEC = 10.42$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0003	P	5.9
2	☐	0.100	0.114	1148.94	0.0017	P	5.1
3	☐	1.000	1.109	9478.62	0.0143	P	1.6
4	☐	50.000	52.047	416179.81	0.6593	P	0.2
5	☐	125.000	124.928	936261.50	1.5822	P	0.5
6	☐	250.000	253.930	1792536.28	3.2157	A	0.6
7	☐	500.000	508.380	3425744.18	6.4376	A	0.4
8	☐	1000.000	994.734	6707673.93	12.5960	A	0.2
9	☐			18787.40	0.0335	P	1.1

$$y = 0.0127 * x + 2.9251\text{E-}004$$

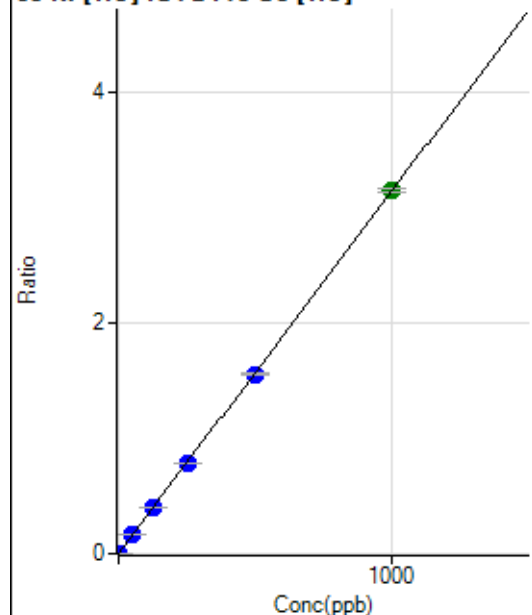
$$R = 0.9999$$

$$DL = 0.004093$$

$$BEC = 0.0231$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	703.36	0.0011	P	3.5
2	☐	0.100	0.103	935.59	0.0014	P	7.0
3	☐	1.000	1.076	2958.09	0.0045	P	4.7
4	☐	50.000	53.742	107335.90	0.1700	P	0.3
5	☐	125.000	126.674	236310.45	0.3993	P	1.1
6	☐	250.000	250.143	438999.26	0.7875	P	0.2
7	☐	500.000	495.761	829990.76	1.5597	P	0.6
8	☐	1000.000	1001.688	1677536.08	3.1503	A	1.0
9	☐			8526.93	0.0152	P	2.9

$$y = 0.0031 * x + 0.0011$$

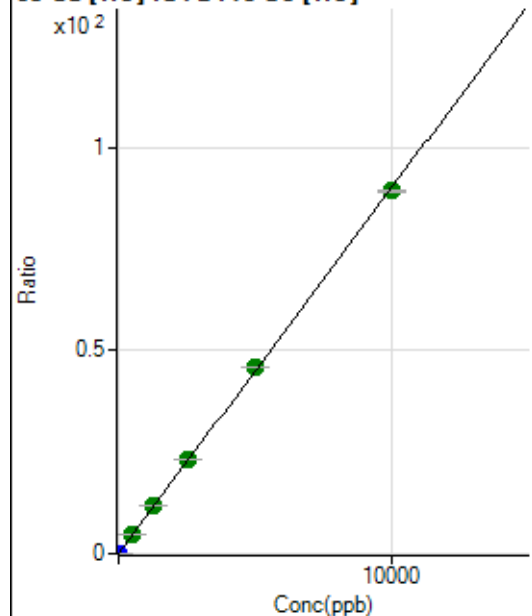
$$R = 1.0000$$

$$DL = 0.03677$$

$$BEC = 0.3465$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1065.60	0.0017	P	4.9
2	☐	0.200	0.212	2357.99	0.0036	P	3.5
3	☐	2.000	2.057	13336.02	0.0202	P	2.1
4	☐	500.000	547.447	3112025.06	4.9300	A	0.9
5	☐	1250.000	1302.290	6938631.63	11.7254	A	1.1
6	☐	2500.000	2582.558	12961295.22	23.2510	A	0.2
7	☐	5000.000	5102.210	24443391.86	45.9340	A	0.9
8	☐	10000.000	9919.347	47553517.07	89.2999	A	0.5
9	☐			13069.13	0.0233	P	3.2

$$y = 0.0090 * x + 0.0017$$

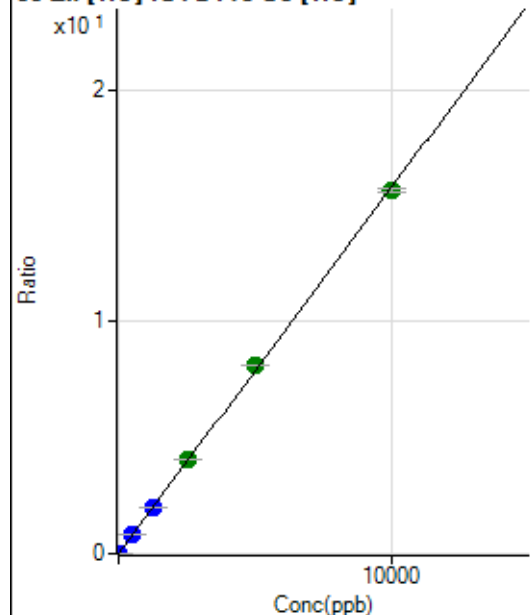
$$R = 0.9999$$

$$DL = 0.0271$$

$$BEC = 0.1833$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0002	P	13.2
2	☐	0.500	0.574	743.36	0.0011	P	7.8
3	☐	5.000	5.336	5710.04	0.0086	P	2.7
4	☐	500.000	528.518	526441.51	0.8340	P	0.4
5	☐	1250.000	1272.121	1187758.65	2.0072	P	0.7
6	☐	2500.000	2576.441	2266001.88	4.0649	A	0.8
7	☐	5000.000	5144.881	4319431.15	8.1170	A	0.5
8	☐	10000.000	9904.258	8320622.79	15.6257	A	1.2
9	☐			12421.90	0.0221	P	1.5

$$y = 0.0016 * x + 2.1697E-004$$

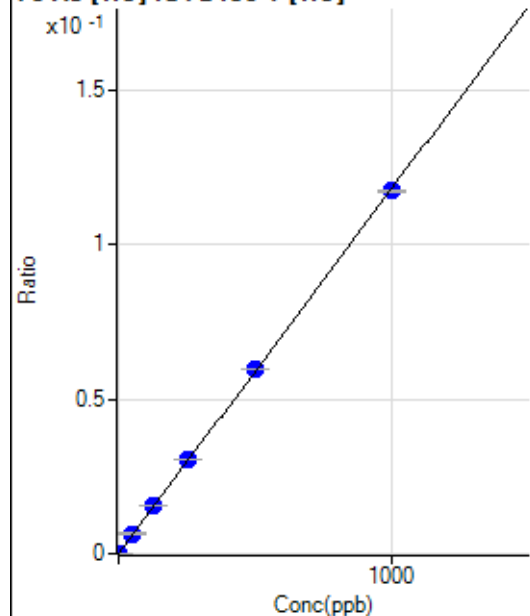
$$R = 0.9998$$

$$DL = 0.05436$$

$$BEC = 0.1375$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	38.2
2	☐	0.100	0.119	97.78	0.0000	P	17.7
3	☐	1.000	1.289	877.81	0.0002	P	9.8
4	☐	50.000	55.071	35509.08	0.0065	P	1.0
5	☐	125.000	130.570	80120.02	0.0154	P	0.7
6	☐	250.000	256.140	150999.93	0.0302	P	0.2
7	☐	500.000	505.745	288301.89	0.0596	P	0.4
8	☐	1000.000	994.642	567378.76	0.1172	P	0.8
9	☐			417.79	0.0001	P	14.5

$$y = 1.1787E-004 * x + 3.1965E-006$$

$$R = 0.9999$$

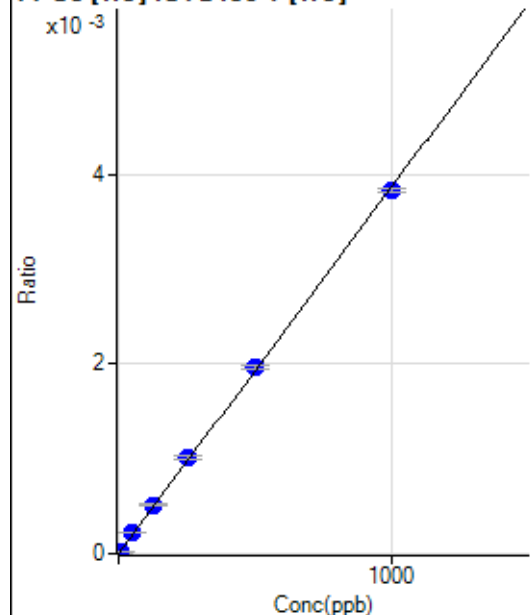
$$DL = 0.03112$$

$$BEC = 0.02712$$

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	☐	0.500	0.556	12.22	0.0000	P	63.1
3	☐	5.000	5.374	117.78	0.0000	P	20.2
4	☐	50.000	56.966	1204.51	0.0002	P	2.8
5	☐	125.000	132.175	2660.26	0.0005	P	2.8
6	☐	250.000	264.403	5113.15	0.0010	P	3.9
7	☐	500.000	510.585	9547.60	0.0020	P	1.9
8	☐	1000.000	989.859	18522.76	0.0038	P	1.2
9	☐			11.11	0.0000	P	18.4

$$y = 3.8668\text{E-}006 * x + 0.0000\text{E}+000$$

$$R = 0.9998$$

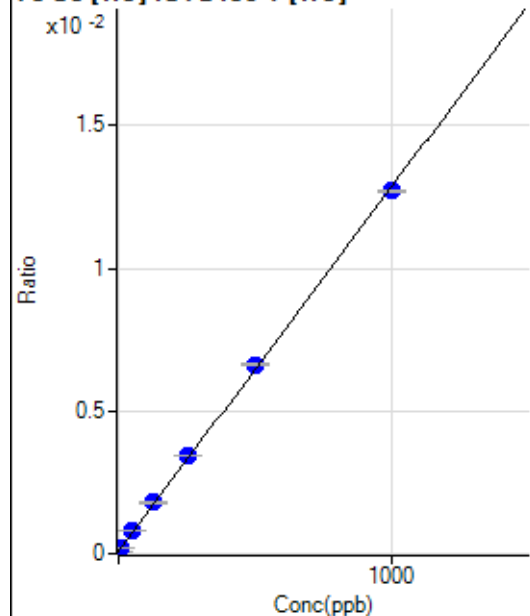
$$DL = 0$$

$$BEC = 0$$

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	480.01	0.0001	P	6.0
2	☐	0.500	0.558	533.35	0.0001	P	9.2
3	☐	5.000	6.664	971.15	0.0002	P	3.4
4	☐	50.000	56.067	4386.25	0.0008	P	3.5
5	☐	125.000	133.522	9321.91	0.0018	P	2.7
6	☐	250.000	262.317	17178.96	0.0034	P	1.3
7	☐	500.000	512.337	32046.94	0.0066	P	1.3
8	☐	1000.000	989.375	61539.44	0.0127	P	0.3
9	☐			396.68	0.0001	P	6.2

$$y = 1.2766\text{E-}005 * x + 8.6545\text{E-}005$$

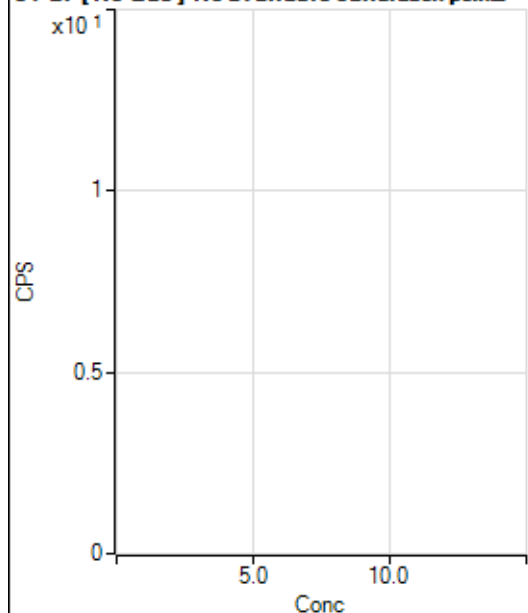
$$R = 0.9998$$

$$DL = 1.227$$

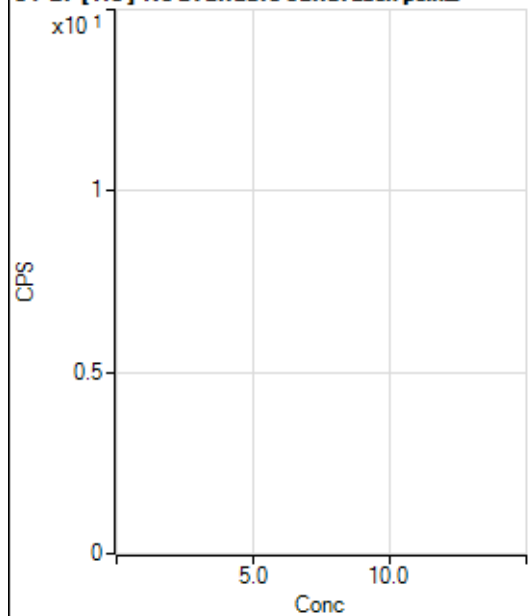
$$BEC = 6.78$$

Weight: <None>

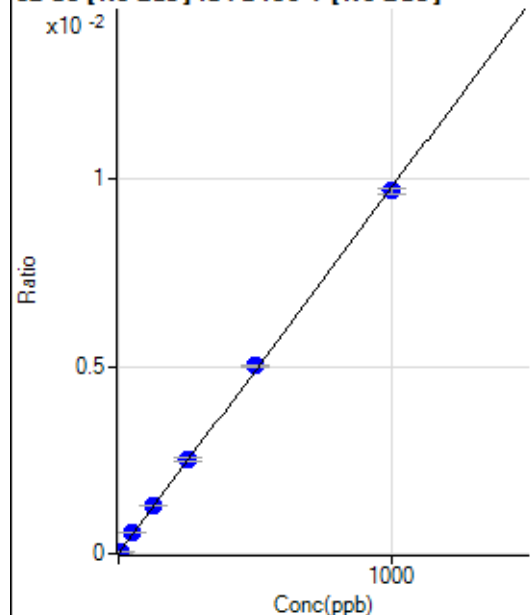
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15062.23		P	1.6
2	☐			15345.84		P	1.6
3	☐			15670.65		P	1.7
4	☐			15181.25		P	0.5
5	☐			13928.90		P	1.5
6	☐			12653.29		P	2.7
7	☐			12188.50		P	2.8
8	☐			12041.66		P	3.3
9	☐			12793.40		P	2.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			215.56		P	9.4
2	☐			172.22		P	15.5
3	☐			181.11		P	6.5
4	☐			115.56		P	6.7
5	☐			146.67		P	12.7
6	☐			113.34		P	11.8
7	☐			105.56		P	6.6
8	☐			117.78		P	18.4
9	☐			150.00		P	6.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.11	0.0000	P	34.4
2	☐	0.500	0.495	225.03	0.0000	P	16.6
3	☐	5.000	5.531	1206.07	0.0001	P	2.4
4	☐	50.000	55.587	10741.72	0.0005	P	1.6
5	☐	125.000	130.733	24327.75	0.0013	P	1.0
6	☐	250.000	256.833	46607.64	0.0025	P	2.3
7	☐	500.000	512.033	88660.58	0.0050	P	0.6
8	☐	1000.000	991.276	170051.01	0.0097	P	1.4
9	☐			330.86	0.0000	P	11.7

$$y = 9.7592E-006 * x + 6.6943E-006$$

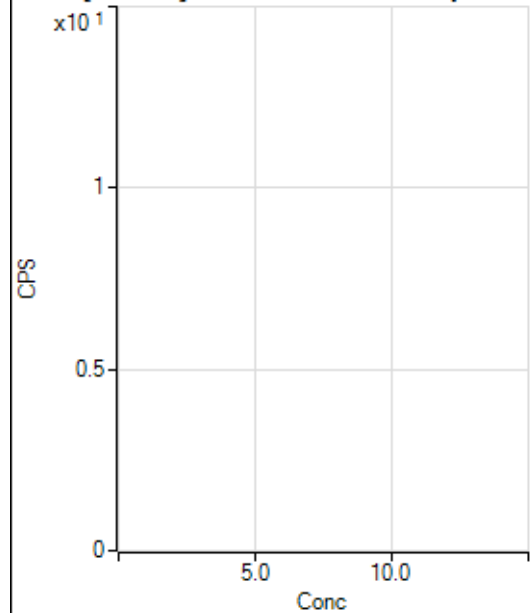
$$R = 0.9999$$

$$DL = 0.707$$

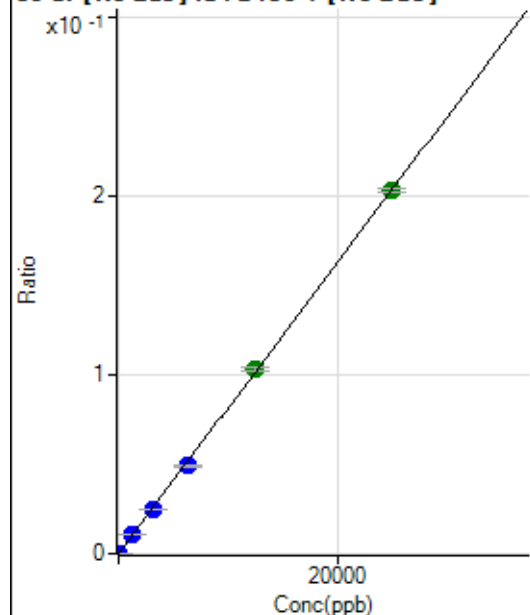
$$BEC = 0.6859$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			223.34		P	10.8
2	☐			222.23		P	18.9
3	☐			204.45		P	7.5
4	☐			206.67		P	4.8
5	☐			201.12		P	7.8
6	☐			193.34		P	18.6
7	☐			208.89		P	6.0
8	☐			201.11		P	4.2
9	☐			187.78		P	12.1

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0000	P	4.0
2	☐	0.100	2.759	781.14	0.0000	P	7.2
3	☐	1.000	26.769	4671.90	0.0002	P	3.3
4	☐	1250.000	1281.439	203841.85	0.0104	P	0.5
5	☐	3125.000	3079.156	474498.56	0.0250	P	1.3
6	☐	6250.000	6033.531	908725.79	0.0490	P	2.5
7	☐	12500.000	12682.843	1824843.76	0.1030	A	1.7
8	☐	25000.000	24966.853	3560924.22	0.2027	A	1.0
9	☐			10625.02	0.0006	P	3.2

$$y = 8.1187\text{E-}006 * x + 1.7704\text{E-}005$$

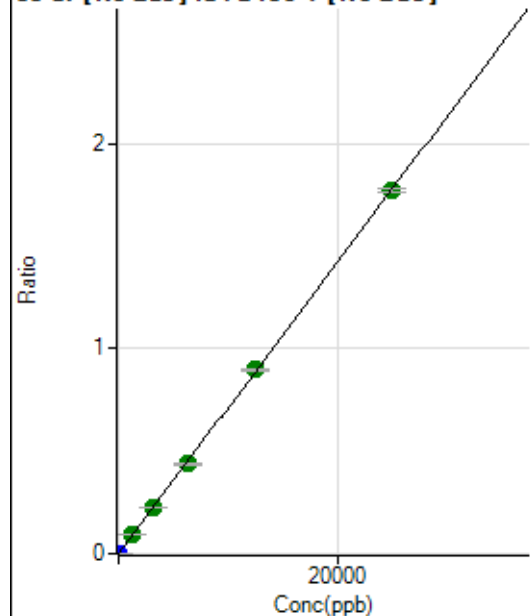
$$R = 0.9999$$

$$DL = 0.2636$$

$$BEC = 2.181$$

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	172.23	0.0000	P	6.0
2	☐	0.100	2.700	3909.44	0.0002	P	4.1
3	☐	1.000	26.423	37441.99	0.0019	P	0.8
4	☐	1250.000	1324.294	1837975.23	0.0940	A	0.6
5	☐	3125.000	3162.338	4255951.60	0.2244	A	0.1
6	☐	6250.000	6206.273	8166355.02	0.4403	A	2.1
7	☐	12500.000	12625.745	15872532.68	0.8958	A	0.3
8	☐	25000.000	24939.676	31082017.87	1.7694	A	1.2
9	☐			90339.52	0.0052	P	0.6

$$y = 7.0949\text{E-}005 * x + 8.9976\text{E-}006$$

$$R = 1.0000$$

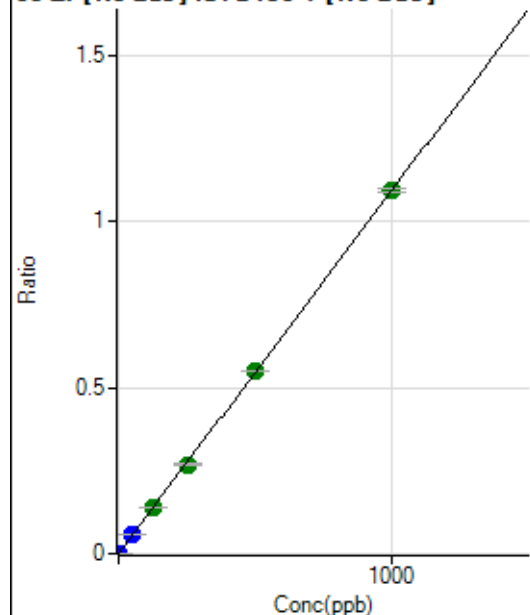
$$DL = 0.02283$$

$$BEC = 0.1268$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	760.03	0.0000	P	2.5
2	☐	0.100	0.099	2881.42	0.0001	P	4.5
3	☐	1.000	1.006	22633.09	0.0011	P	1.4
4	☐	50.000	50.913	1088818.01	0.0557	P	0.4
5	☐	125.000	126.609	2624576.38	0.1384	A	0.5
6	☐	250.000	245.835	4982031.39	0.2686	A	2.0
7	☐	500.000	501.586	9710805.20	0.5480	A	0.3
8	☐	1000.000	1000.001	19192261.24	1.0926	A	1.2
9	☐			13167.14	0.0008	P	4.6

$$y = 0.0011 * x + 3.9703E-005$$

$$R = 1.0000$$

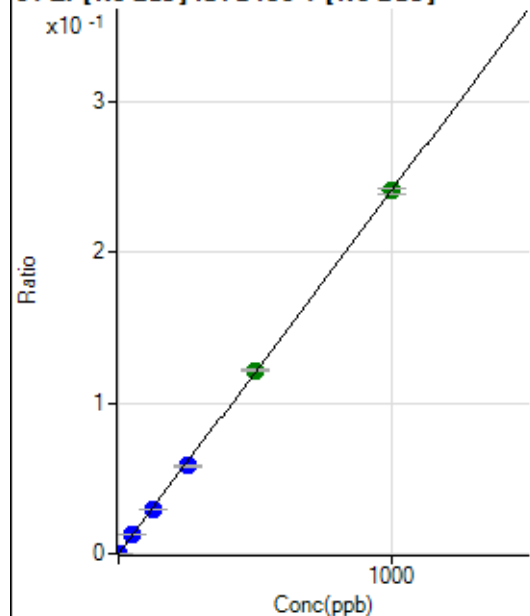
$$DL = 0.002694$$

$$BEC = 0.03634$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	24.9
2	☐	0.100	0.096	581.13	0.0000	P	2.0
3	☐	1.000	1.022	5018.68	0.0003	P	5.4
4	☐	50.000	51.268	241492.26	0.0123	P	0.7
5	☐	125.000	122.685	560223.44	0.0295	P	0.7
6	☐	250.000	242.099	1080634.37	0.0583	P	3.1
7	☐	500.000	504.722	2152566.90	0.1215	A	1.5
8	☐	1000.000	999.840	4227267.54	0.2407	A	1.7
9	☐			2791.40	0.0002	P	5.2

$$y = 2.4069E-004 * x + 6.6150E-006$$

$$R = 0.9999$$

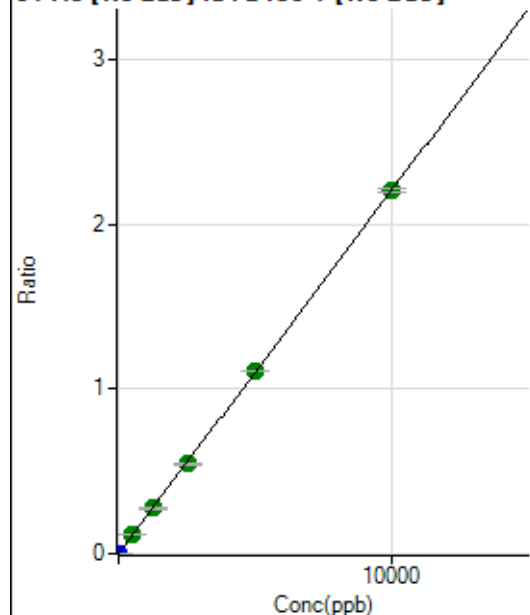
$$DL = 0.02055$$

$$BEC = 0.02748$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	390.01	0.0000	P	15.3
2	☐	0.500	0.609	3015.89	0.0002	P	6.1
3	☐	5.000	6.149	27363.36	0.0014	P	3.7
4	☐	500.000	523.991	2261657.52	0.1156	A	0.9
5	☐	1250.000	1254.806	5251022.63	0.2769	A	2.3
6	☐	2500.000	2473.846	10123121.65	0.5458	A	1.3
7	☐	5000.000	5027.129	19651728.74	1.1091	A	0.3
8	☐	10000.000	9991.173	38720346.92	2.2042	A	0.9
9	☐			12097.38	0.0007	P	11.9

$$y = 2.2062E-004 * x + 2.0369E-005$$

$$R = 1.0000$$

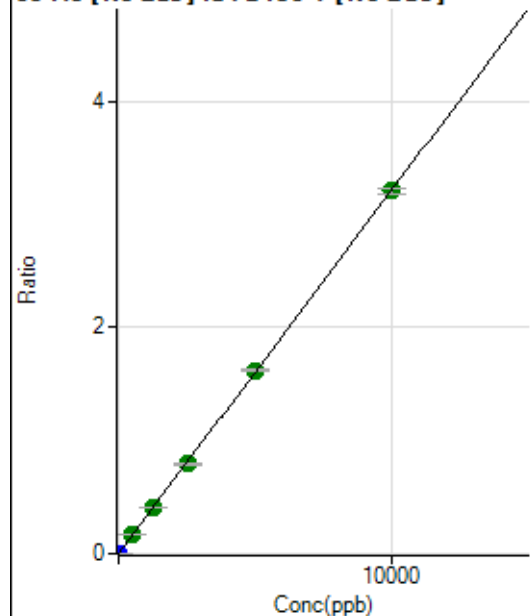
$$DL = 0.04246$$

$$BEC = 0.09233$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0000	P	1.3
2	☐	0.500	0.525	3606.03	0.0002	P	4.5
3	☐	5.000	5.226	33675.34	0.0017	P	0.7
4	☐	500.000	524.469	3293095.16	0.1684	A	0.9
5	☐	1250.000	1258.452	7661587.39	0.4039	A	2.2
6	☐	2500.000	2472.500	14716919.36	0.7936	A	2.7
7	☐	5000.000	5036.321	28642513.46	1.6165	A	0.8
8	☐	10000.000	9986.434	56303797.49	3.2053	A	1.5
9	☐			12276.48	0.0007	P	18.0

$$y = 3.2097E-004 * x + 1.6659E-005$$

$$R = 1.0000$$

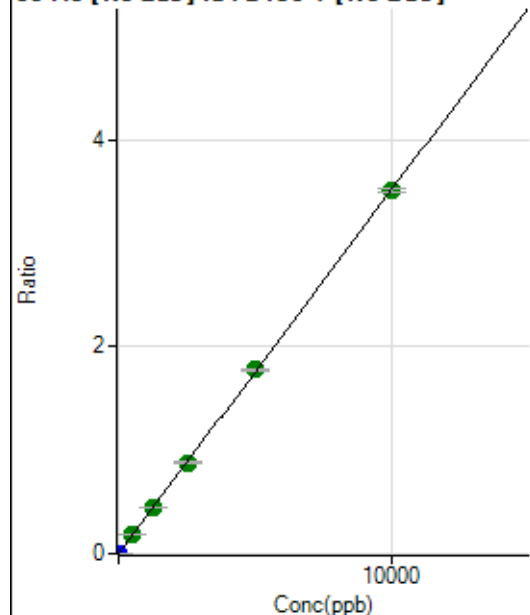
$$DL = 0.002052$$

$$BEC = 0.0519$$

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	337.79	0.0000	P	6.3
2	☐	0.500	0.543	4060.61	0.0002	P	3.0
3	☐	5.000	5.298	37348.67	0.0019	P	0.5
4	☐	500.000	523.928	3600655.95	0.1841	A	0.1
5	☐	1250.000	1262.685	8414235.43	0.4436	A	1.2
6	☐	2500.000	2491.000	16229252.26	0.8751	A	2.5
7	☐	5000.000	5052.181	31448899.53	1.7749	A	0.8
8	☐	10000.000	9973.377	61547509.08	3.5038	A	1.1
9	☐			22724.62	0.0013	P	10.3

$$y = 3.5131E-004 * x + 1.7649E-005$$

$$R = 1.0000$$

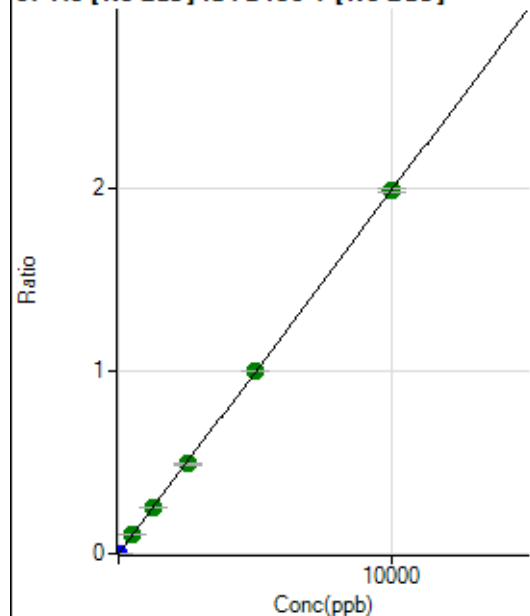
$$DL = 0.009566$$

$$BEC = 0.05024$$

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	170.00	0.0000	P	9.4
2	☐	0.500	0.537	2255.76	0.0001	P	8.4
3	☐	5.000	5.284	21093.05	0.0011	P	0.5
4	☐	500.000	529.357	2061978.77	0.1054	A	1.0
5	☐	1250.000	1263.312	4771668.61	0.2516	A	1.5
6	☐	2500.000	2480.353	9159854.38	0.4939	A	2.3
7	☐	5000.000	5025.822	17733017.93	1.0008	A	0.8
8	☐	10000.000	9988.869	34940929.48	1.9891	A	1.0
9	☐			7727.74	0.0004	P	19.5

$$y = 1.9913E-004 * x + 8.8790E-006$$

$$R = 1.0000$$

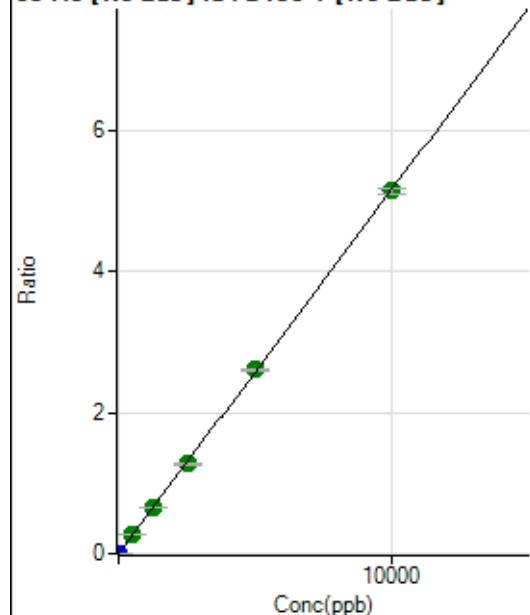
$$DL = 0.01258$$

$$BEC = 0.04459$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	437.79	0.0000	P	7.2
2	☐	0.500	0.514	5601.12	0.0003	P	7.2
3	☐	5.000	5.182	53485.15	0.0027	P	1.5
4	☐	500.000	522.089	5258753.95	0.2689	A	0.3
5	☐	1250.000	1260.302	12309158.98	0.6490	A	1.3
6	☐	2500.000	2468.158	23570447.42	1.2709	A	1.9
7	☐	5000.000	5059.826	46163832.64	2.6054	A	0.5
8	☐	10000.000	9975.655	90228163.10	5.1366	A	1.4
9	☐			18877.12	0.0011	P	19.8

$$y = 5.1491\text{E-}004 * x + 2.2875\text{E-}005$$

$$R = 1.0000$$

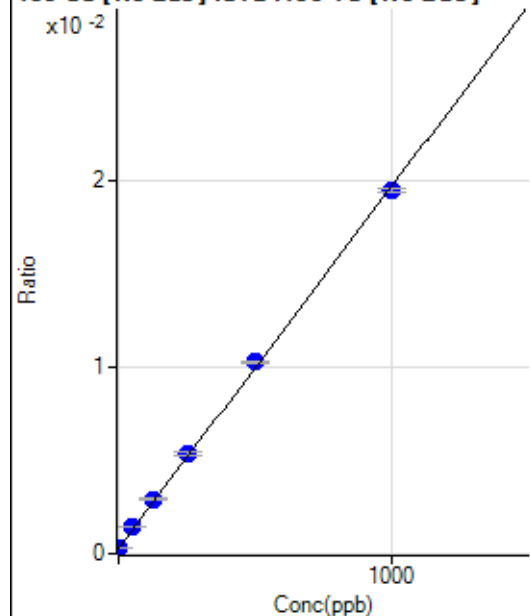
$$DL = 0.009657$$

$$BEC = 0.04443$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4468.51	0.0003	P	4.6
2	☐	0.100	0.543	4685.24	0.0003	P	3.4
3	☐	1.000	1.796	5118.73	0.0003	P	0.9
4	☐	50.000	59.153	22834.71	0.0014	P	0.9
5	☐	125.000	136.134	46112.88	0.0029	P	2.2
6	☐	250.000	259.694	84186.68	0.0053	P	3.6
7	☐	500.000	514.525	157600.88	0.0102	P	1.2
8	☐	1000.000	988.464	298756.06	0.0194	P	1.0
9	☐			4344.02	0.0003	P	4.2

$$y = 1.9338\text{E-}005 * x + 2.8719\text{E-}004$$

$$R = 0.9998$$

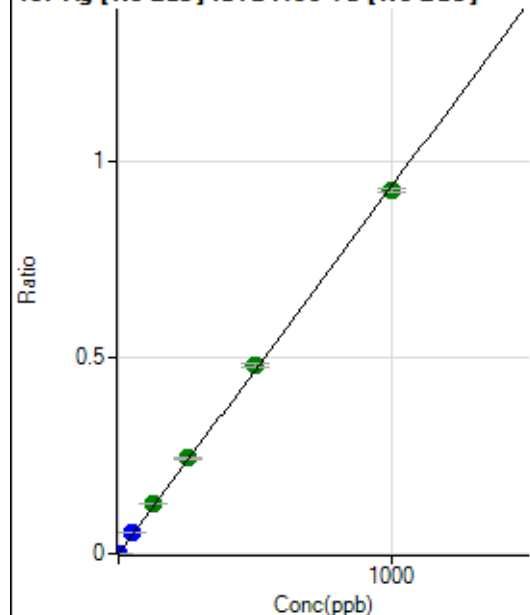
$$DL = 2.049$$

$$BEC = 14.85$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0000	P	16.3
2	☐	0.100	0.105	1659.00	0.0001	P	5.2
3	☐	1.000	1.123	16857.64	0.0011	P	1.0
4	☐	50.000	57.252	856641.86	0.0537	P	1.6
5	☐	125.000	136.974	2028947.02	0.1285	A	1.0
6	☐	250.000	260.603	3875975.11	0.2444	A	2.3
7	☐	500.000	514.580	7428867.81	0.4826	A	1.5
8	☐	1000.000	988.200	14269480.48	0.9267	A	0.9
9	☐			3158.16	0.0002	P	18.6

$$y = 9.3776\text{E-}004 * x + 6.8540\text{E-}006$$

$$R = 0.9997$$

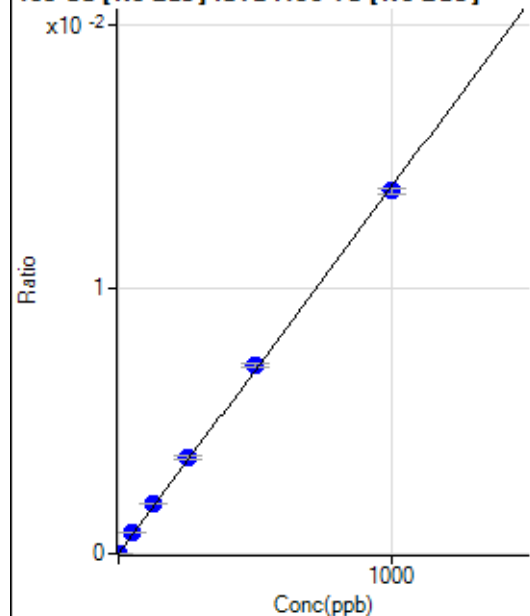
$$DL = 0.003564$$

$$BEC = 0.007309$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	63.2
2	☐	0.100	0.135	42.22	0.0000	P	36.8
3	☐	1.000	1.224	282.23	0.0000	P	6.6
4	☐	50.000	57.519	12729.00	0.0008	P	1.7
5	☐	125.000	135.482	29665.91	0.0019	P	1.2
6	☐	250.000	261.462	57472.02	0.0036	P	3.1
7	☐	500.000	513.443	109550.61	0.0071	P	1.2
8	☐	1000.000	988.727	210984.02	0.0137	P	1.4
9	☐			115.56	0.0000	P	25.1

$$y = 1.3858\text{E-}005 * x + 7.8736\text{E-}007$$

$$R = 0.9998$$

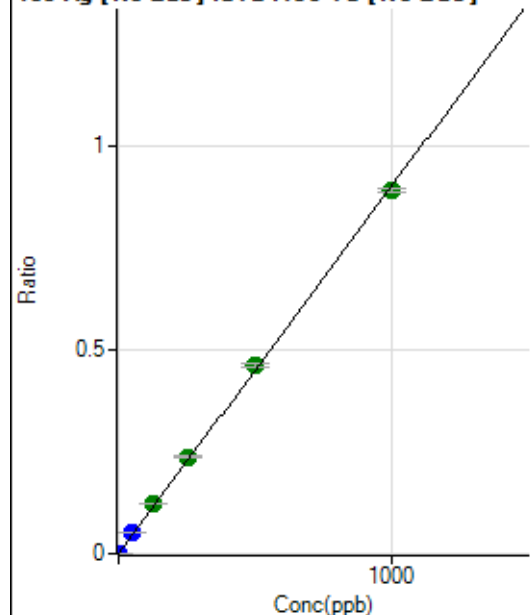
$$DL = 0.1077$$

$$BEC = 0.05682$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	12.4
2	☐	0.100	0.109	1595.66	0.0001	P	6.5
3	☐	1.000	1.120	16076.79	0.0010	P	2.5
4	☐	50.000	57.035	818884.30	0.0513	P	1.4
5	☐	125.000	137.415	1953302.37	0.1237	A	0.6
6	☐	250.000	262.246	3743080.84	0.2360	A	1.9
7	☐	500.000	514.504	7127618.85	0.4630	A	1.7
8	☐	1000.000	987.783	13687033.41	0.8889	A	1.1
9	☐			2889.21	0.0002	P	16.3

$$y = 8.9987\text{E-}004 * x + 3.4277\text{E-}006$$

$$R = 0.9997$$

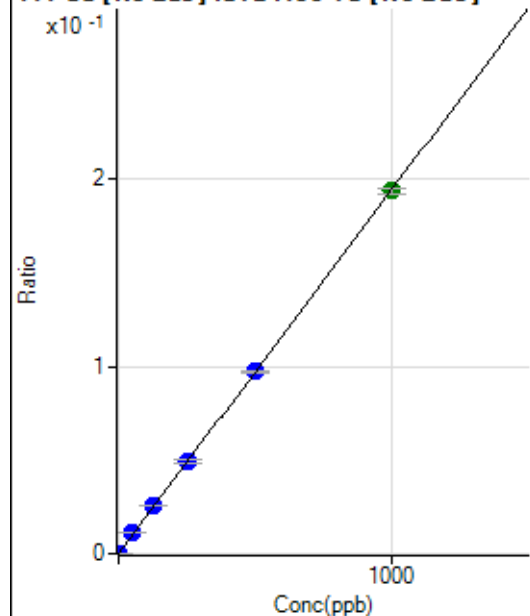
$$DL = 0.001412$$

$$BEC = 0.003809$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	908.54	0.0001	P	4.3
2	☒	0.100					
3	☐	1.000	1.207	4656.84	0.0003	P	3.7
4	☐	50.000	55.666	173452.76	0.0109	P	1.3
5	☐	125.000	131.168	403367.50	0.0255	P	1.0
6	☐	250.000	252.794	779696.24	0.0492	P	2.8
7	☐	500.000	501.229	1499847.72	0.0974	P	1.2
8	☐	1000.000	997.632	2984858.91	0.1939	A	1.7
9	☐			1480.90	0.0001	P	3.7

$$y = 1.9425\text{E-}004 * x + 5.8391\text{E-}005$$

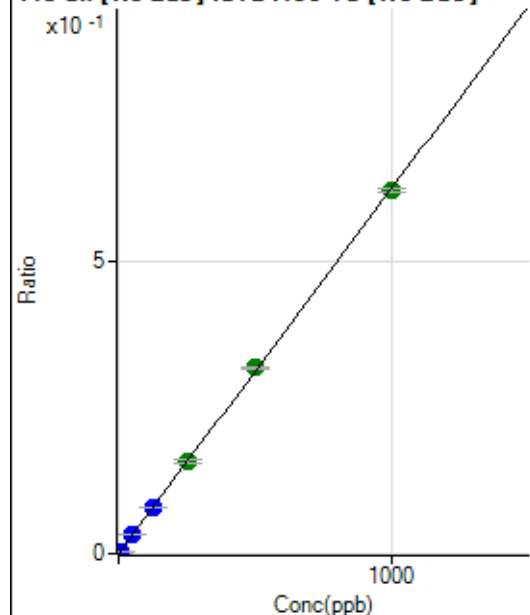
$$R = 1.0000$$

$$DL = 0.03846$$

$$BEC = 0.3006$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.83	0.0001	P	8.2
2	☐	0.500	0.587	6862.80	0.0004	P	3.6
3	☐	5.000	5.630	56876.25	0.0036	P	1.4
4	☐	50.000	53.915	536854.94	0.0337	P	1.7
5	☐	125.000	127.357	1253960.40	0.0794	P	1.2
6	☐	250.000	253.205	2502186.02	0.1578	A	2.6
7	☐	500.000	509.587	4887453.29	0.3175	A	1.0
8	☐	1000.000	993.911	9533235.55	0.6191	A	0.9
9	☐			3757.20	0.0003	P	11.4

$$y = 6.2284\text{E-}004 * x + 7.0562\text{E-}005$$

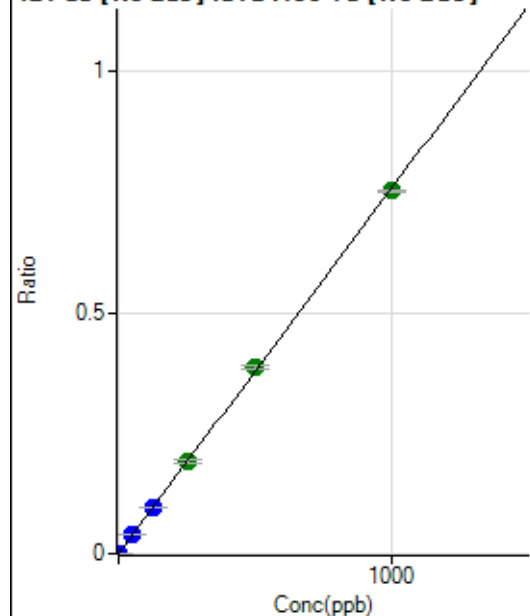
$$R = 0.9999$$

$$DL = 0.0279$$

$$BEC = 0.1133$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	32.7
2	☐	0.200	0.230	2793.63	0.0002	P	4.9
3	☐	2.000	2.196	26491.13	0.0017	P	2.7
4	☐	50.000	53.243	643034.95	0.0403	P	1.3
5	☐	125.000	125.903	1505247.63	0.0953	P	1.1
6	☐	250.000	252.216	3027480.89	0.1909	A	3.0
7	☐	500.000	511.438	5959692.06	0.3871	A	1.3
8	☐	1000.000	993.452	11578969.83	0.7520	A	0.8
9	☐			7479.80	0.0005	P	7.5

$$y = 7.5692\text{E-}004 * x + 3.7892\text{E-}006$$

$$R = 0.9999$$

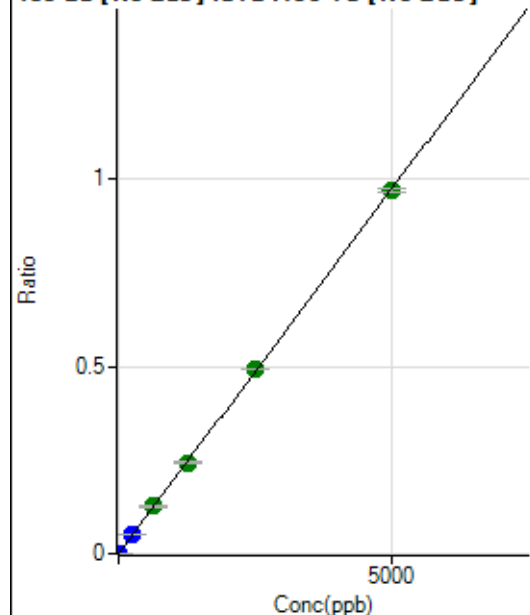
$$DL = 0.004907$$

$$BEC = 0.005006$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	14.2
2	☐	1.000	1.084	3374.88	0.0002	P	3.5
3	☐	10.000	10.794	33414.73	0.0021	P	1.3
4	☐	250.000	260.679	808272.92	0.0507	P	1.4
5	☐	625.000	650.969	1998007.89	0.1265	A	1.8
6	☐	1250.000	1252.202	3859527.72	0.2433	A	2.3
7	☐	2500.000	2533.003	7578306.69	0.4922	A	0.9
8	☐	5000.000	4979.166	14899351.44	0.9676	A	1.1
9	☐			6926.21	0.0005	P	6.6

$$y = 1.9433\text{E-}004 * x + 3.9300\text{E-}006$$

$$R = 1.0000$$

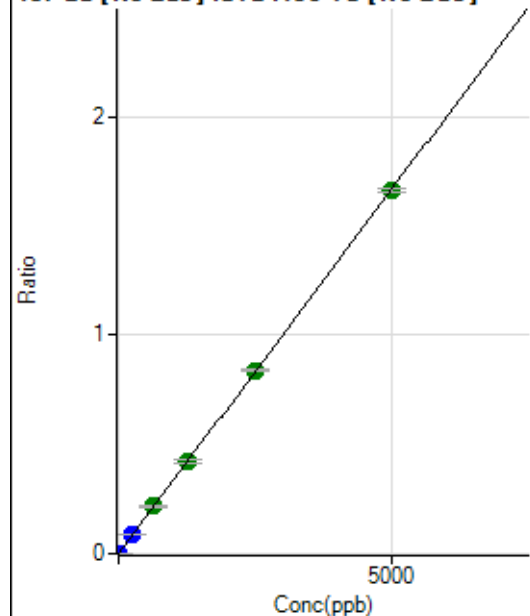
$$DL = 0.008637$$

$$BEC = 0.02022$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.44	0.0000	P	28.9
2	☐	1.000	1.085	5779.00	0.0004	P	3.2
3	☐	10.000	10.813	57454.18	0.0036	P	1.2
4	☐	250.000	264.606	1408703.85	0.0883	P	1.6
5	☐	625.000	649.624	3423782.59	0.2168	A	1.0
6	☐	1250.000	1267.009	6704716.15	0.4228	A	2.7
7	☐	2500.000	2521.405	12952608.97	0.8413	A	1.0
8	☐	5000.000	4981.236	25593497.40	1.6621	A	1.2
9	☐			12198.69	0.0008	P	6.0

$$y = 3.3368\text{E-}004 * x + 5.4260\text{E-}006$$

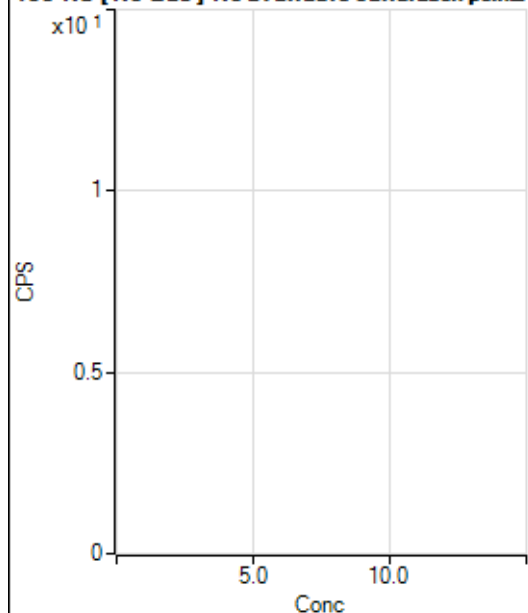
$$R = 1.0000$$

$$DL = 0.0141$$

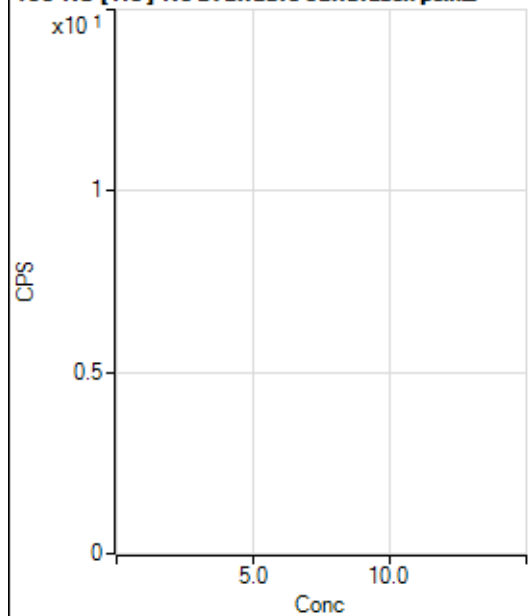
$$BEC = 0.01626$$

Weight: <None>

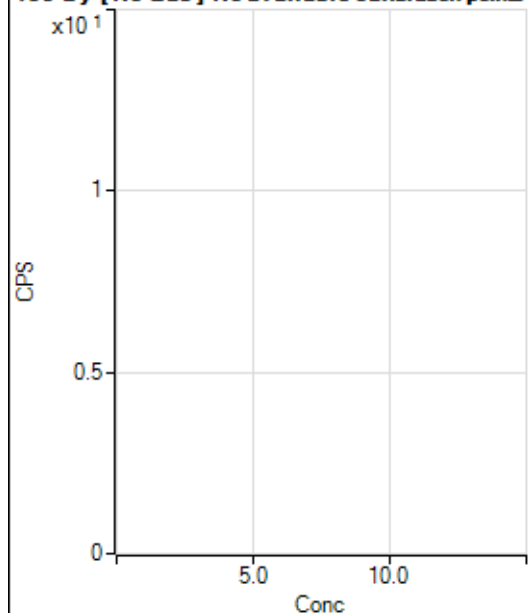
Min Conc: 0

150 Nd [No Gas] No available calibration points

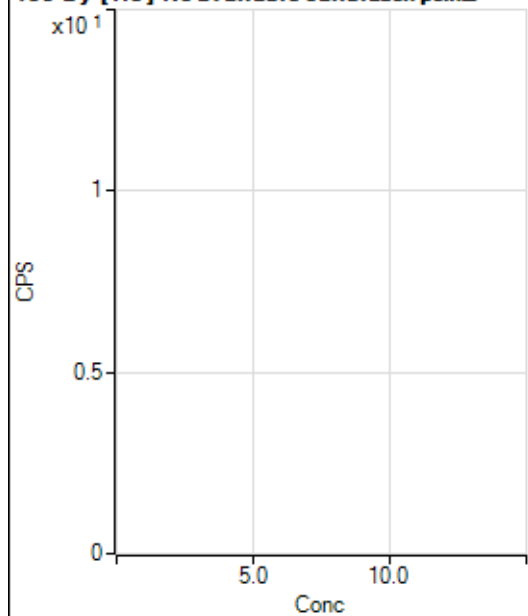
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			10.00		P	33.3
3	☐			5.56		P	34.7
4	☐			54.44		P	31.4
5	☐			98.89		P	10.3
6	☐			206.67		P	14.8
7	☐			392.23		P	1.3
8	☐			751.14		P	3.8
9	☐			260.00		P	20.1

150 Nd [He] No available calibration points

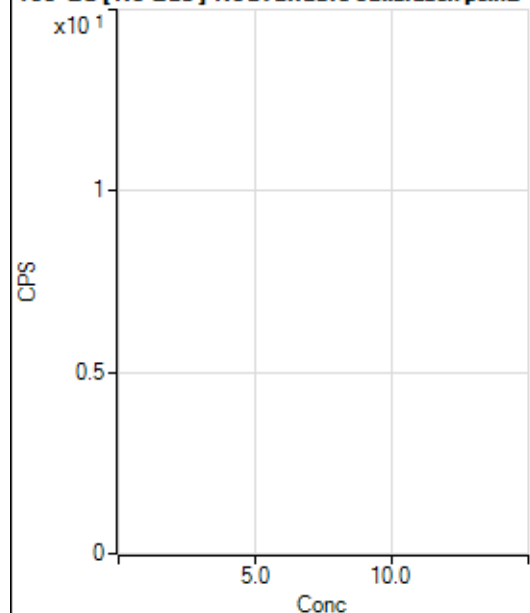
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	0.0
3	☐			3.33		P	100.
4	☐			15.55		P	44.6
5	☐			27.78		P	25.0
6	☐			62.22		P	30.5
7	☐			103.33		P	11.6
8	☐			202.22		P	6.7
9	☐			131.11		P	16.5

156 Dy [No Gas] No available calibration points

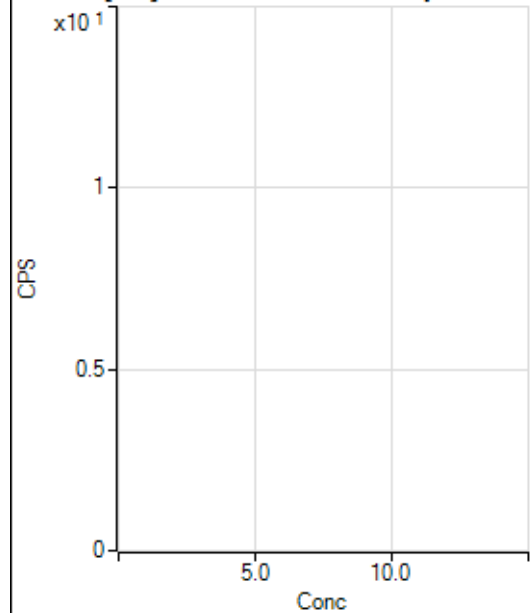
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			10.00		P	66.7
3	☐			15.56		P	49.5
4	☐			30.00		P	80.1
5	☐			52.22		P	43.4
6	☐			70.00		P	29.7
7	☐			133.33		P	8.7
8	☐			240.01		P	7.2
9	☐			395.57		P	9.3

156 Dy [He] No available calibration points

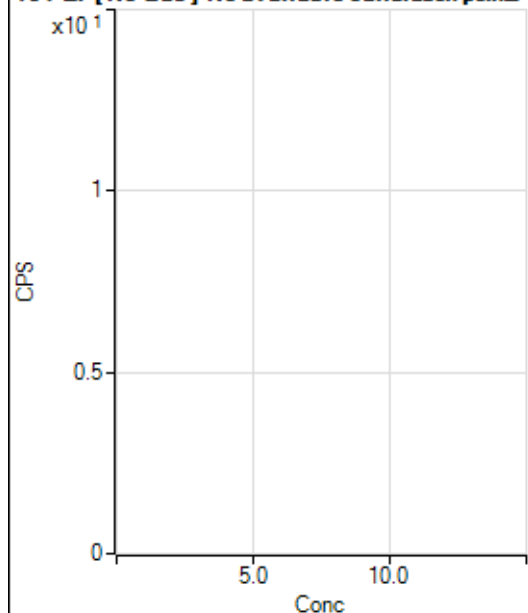
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			6.67		P	100.
3	☐			5.56		P	91.6
4	☐			47.78		P	34.4
5	☐			116.67		P	14.8
6	☐			208.89		P	13.0
7	☐			408.90		P	11.6
8	☐			797.81		P	9.3
9	☐			406.68		P	9.8

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

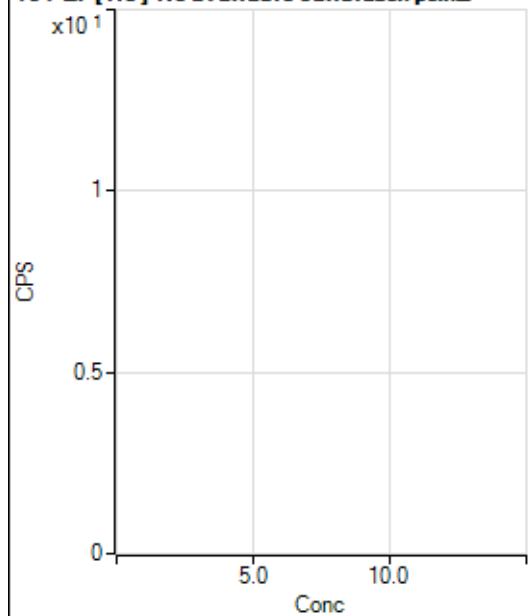
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	43.4
2	☐			51.11		P	32.2
3	☐			58.89		P	34.6
4	☐			58.89		P	13.1
5	☐			75.56		P	29.4
6	☐			82.22		P	18.7
7	☐			130.00		P	2.6
8	☐			192.22		P	5.6
9	☐			470.01		P	12.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			686.69		P	3.7
2	☐			704.47		P	5.0
3	☐			724.47		P	7.9
4	☐			727.80		P	9.4
5	☐			665.58		P	11.0
6	☐			684.47		P	6.2
7	☐			705.58		P	12.2
8	☐			756.70		P	7.5
9	☐			900.04		P	6.1

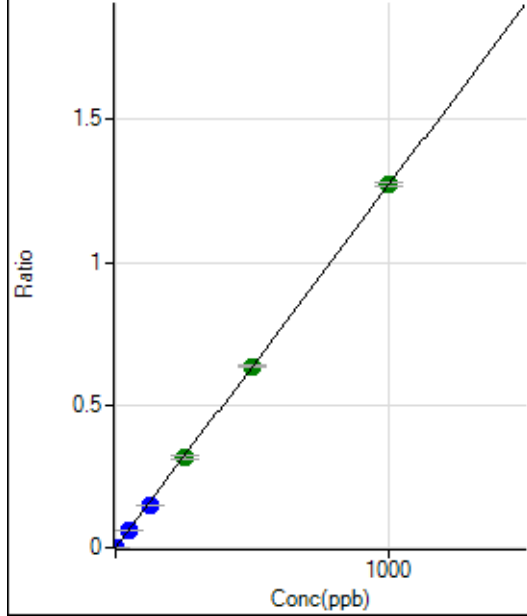
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	24.7
2	☐			75.56		P	6.7
3	☐			62.22		P	29.5
4	☐			67.78		P	10.2
5	☐			97.78		P	24.2
6	☐			105.56		P	23.7
7	☐			152.23		P	29.9
8	☐			225.56		P	10.5
9	☐			447.79		P	9.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	5.5
2	☐			51.11		P	16.4
3	☐			47.78		P	17.6
4	☐			63.33		P	29.3
5	☐			66.67		P	8.7
6	☐			75.56		P	24.3
7	☐			98.89		P	28.1
8	☐			186.67		P	20.6
9	☐			387.79		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	395.57	0.0000	P	9.2
2	☐	0.100	0.095	1524.55	0.0002	P	6.0
3	☐	1.000	1.020	12433.56	0.0013	P	2.5
4	☐	50.000	49.783	590322.23	0.0632	P	1.3
5	☐	125.000	118.446	1423239.77	0.1504	P	0.6
6	☐	250.000	248.266	2989412.32	0.3152	A	3.4
7	☐	500.000	500.133	5898253.52	0.6350	A	1.6
8	☐	1000.000	1001.197	11578462.33	1.2711	A	0.9
9	☐			2276.88	0.0003	P	14.8

$$y = 0.0013 * x + 4.3369E-005$$

$$R = 1.0000$$

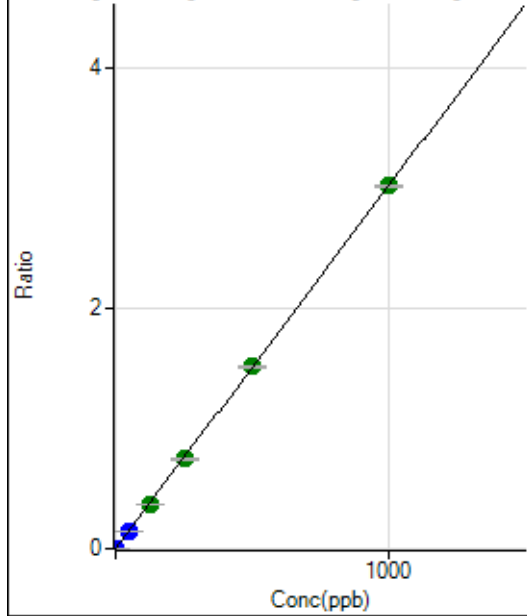
$$DL = 0.009428$$

$$BEC = 0.03416$$

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	864.48	0.0001	P	9.1
2	☐	0.100	0.095	3551.61	0.0004	P	4.1
3	☐	1.000	1.008	29083.37	0.0031	P	2.8
4	☐	50.000	49.564	1395092.85	0.1495	P	1.5
5	☐	125.000	124.447	3549665.16	0.3751	A	0.0
6	☐	250.000	247.666	7080289.27	0.7465	A	2.2
7	☐	500.000	501.158	14030133.68	1.5104	A	1.5
8	☐	1000.000	1000.096	27455589.59	3.0141	A	0.6
9	☐			5522.33	0.0007	P	18.3

$$y = 0.0030 * x + 9.4699E-005$$

$$R = 1.0000$$

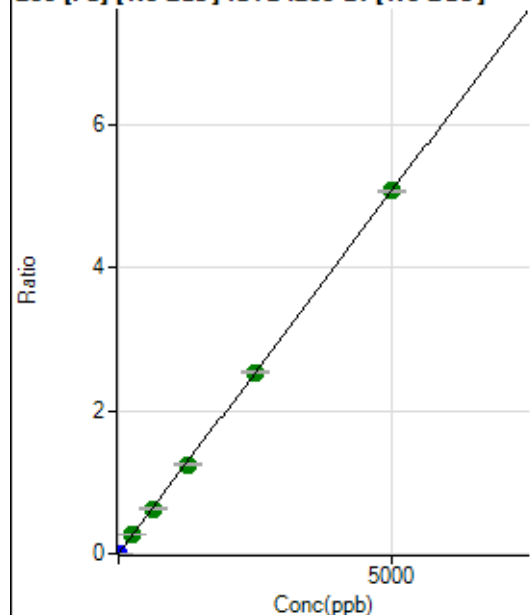
$$DL = 0.008625$$

$$BEC = 0.03142$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.12	0.0000	P	9.7
2	☐	0.100	0.100	1360.09	0.0001	P	4.1
3	☐	1.000	1.008	9913.71	0.0011	P	2.7
4	☐	250.000	257.012	2434297.04	0.2608	A	1.9
5	☐	625.000	621.995	5972004.91	0.6311	A	0.9
6	☐	1250.000	1229.380	11829927.74	1.2474	A	2.9
7	☐	2500.000	2504.016	23599451.59	2.5406	A	1.4
8	☐	5000.000	5003.172	46239107.09	5.0762	A	0.5
9	☐			15381.10	0.0019	P	8.7

$$y = 0.0010 * x + 4.5071E-005$$

$$R = 1.0000$$

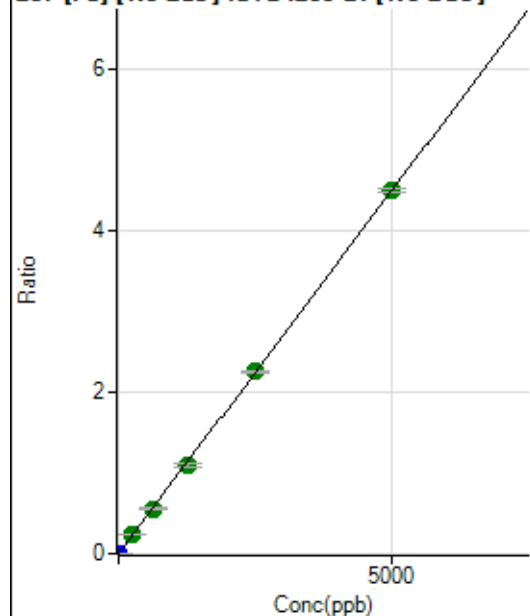
$$DL = 0.01288$$

$$BEC = 0.04442$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356.68	0.0000	P	7.6
2	☐	0.100	0.097	1174.51	0.0001	P	2.3
3	☐	1.000	1.006	8755.12	0.0009	P	0.9
4	☐	250.000	257.651	2160061.16	0.2314	A	1.0
5	☐	625.000	621.403	5280202.87	0.5580	A	1.0
6	☐	1250.000	1226.407	10443915.47	1.1013	A	3.5
7	☐	2500.000	2507.652	20917200.10	2.2518	A	0.9
8	☐	5000.000	5002.139	40914903.56	4.4917	A	0.9
9	☐			13330.02	0.0016	P	9.7

$$y = 8.9795E-004 * x + 3.9078E-005$$

$$R = 1.0000$$

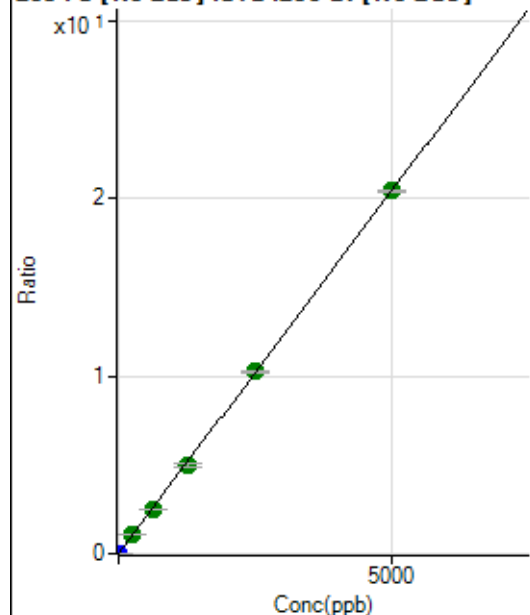
$$DL = 0.009932$$

$$BEC = 0.04352$$

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	1564.50	0.0002	P	3.1
2	☐	0.100	0.099	5344.92	0.0006	P	3.4
3	☐	1.000	1.000	39520.50	0.0043	P	2.7
4	☐	250.000	258.686	9867020.25	1.0571	A	1.0
5	☐	625.000	621.631	24033379.12	2.5399	A	0.3
6	☐	1250.000	1224.413	47443249.78	5.0026	A	3.2
7	☐	2500.000	2508.946	95220971.49	10.2508	A	0.9
8	☐	5000.000	5001.911	186152091.39	20.4360	A	0.6
9	☐			60666.79	0.0075	P	8.3

$$y = 0.0041 * x + 1.7147E-004$$

$$R = 1.0000$$

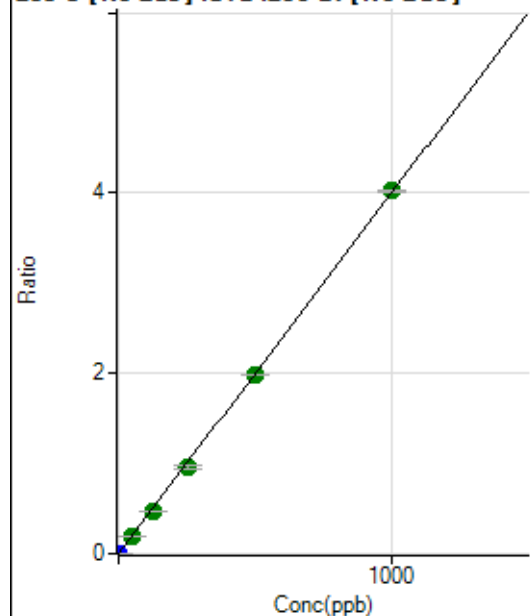
$$DL = 0.00385$$

$$BEC = 0.04197$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.7
2	☐	0.100	0.090	3363.80	0.0004	P	3.4
3	☐	1.000	0.928	34476.83	0.0037	P	2.7
4	☐	50.000	48.935	1827307.77	0.1958	A	2.4
5	☐	125.000	118.675	4492552.61	0.4748	A	1.0
6	☐	250.000	239.445	9084788.96	0.9580	A	3.5
7	☐	500.000	495.983	18432808.61	1.9843	A	0.9
8	☐	1000.000	1005.491	36644136.12	4.0228	A	0.9
9	☐			5260.05	0.0006	P	24.4

$$y = 0.0040 * x + 1.3380E-006$$

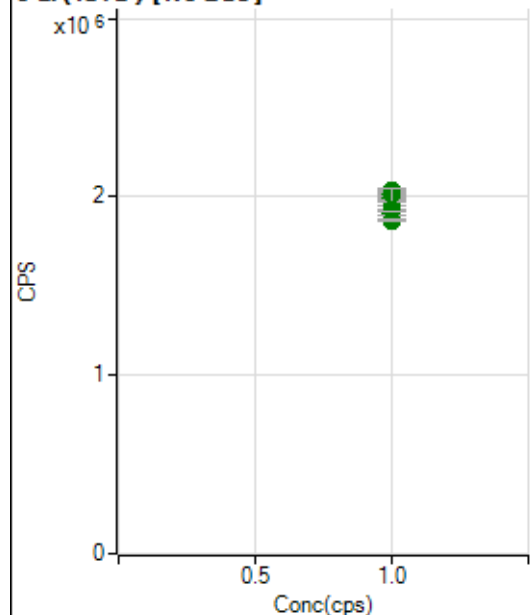
$$R = 0.9999$$

$$DL = 0.0005685$$

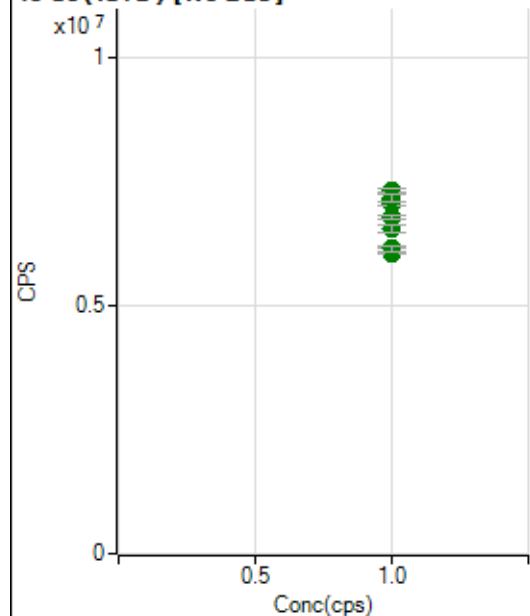
$$BEC = 0.0003344$$

Weight: <None>

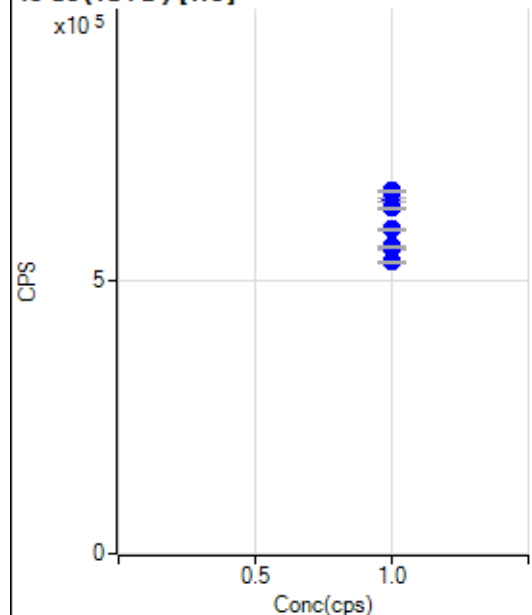
Min Conc: 0

6 Li (ISTD) [No Gas]

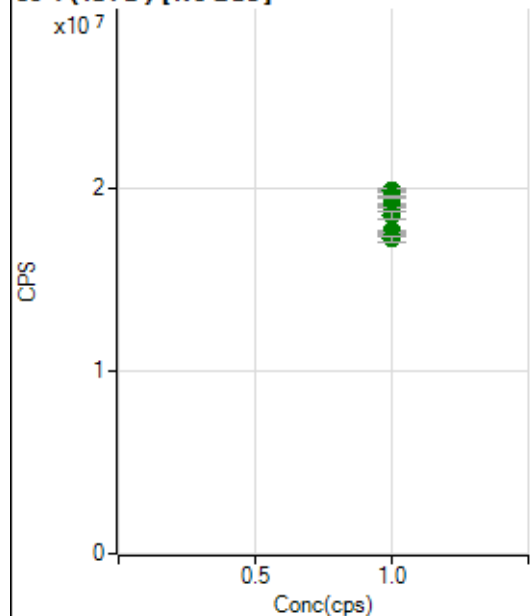
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1954229.99		A	0.2
2	☐	1.000		1974647.30		A	5.5
3	☐	1.000		2008203.55		A	1.3
4	☐	1.000		2033670.73		A	0.4
5	☐	1.000		1994896.78		A	1.1
6	☐	1.000		2010796.34		A	3.3
7	☐	1.000		1924923.62		A	0.8
8	☐	1.000		1906867.00		A	0.8
9	☐	1.000		1865885.91		A	0.6

45 Sc (ISTD) [No Gas]

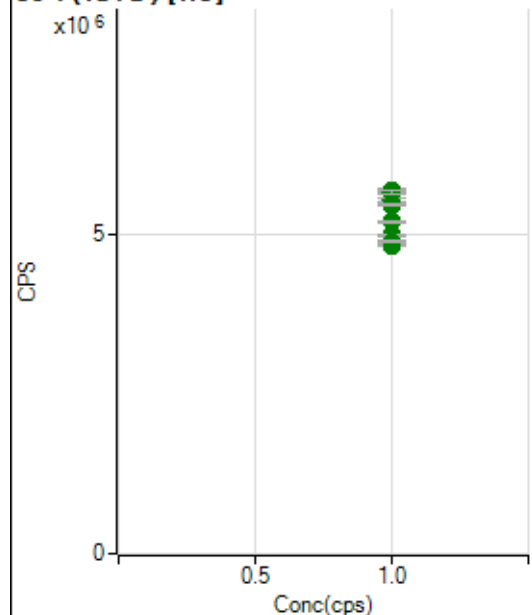
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7066083.02		A	1.0
2	☐	1.000		7159420.80		A	3.9
3	☐	1.000		7322207.46		A	1.1
4	☐	1.000		7180610.03		A	1.8
5	☐	1.000		6783289.69		A	1.3
6	☐	1.000		6571435.53		A	2.3
7	☐	1.000		6184504.28		A	0.4
8	☐	1.000		6072434.21		A	0.6
9	☐	1.000		6155588.73		A	1.9

45 Sc (ISTD) [He]

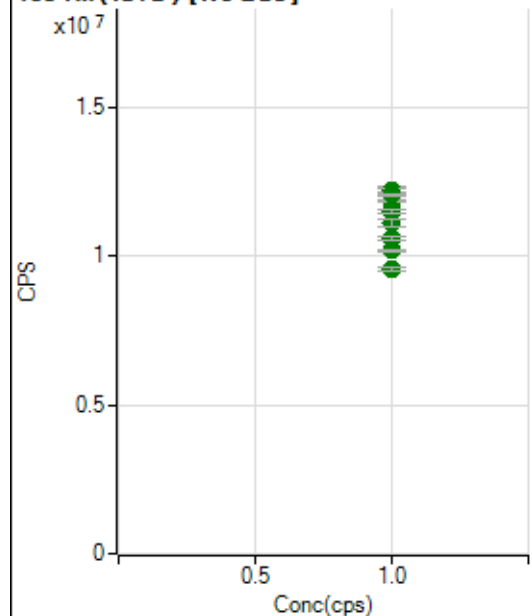
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		645578.91		P	0.8
2	☐	1.000		662554.35		P	0.1
3	☐	1.000		661361.55		P	0.8
4	☐	1.000		631213.47		P	0.8
5	☐	1.000		591752.27		P	0.2
6	☐	1.000		557451.76		P	0.6
7	☐	1.000		532153.28		P	0.5
8	☐	1.000		532525.87		P	0.7
9	☐	1.000		561056.34		P	0.6

89 Y (ISTD) [No Gas]

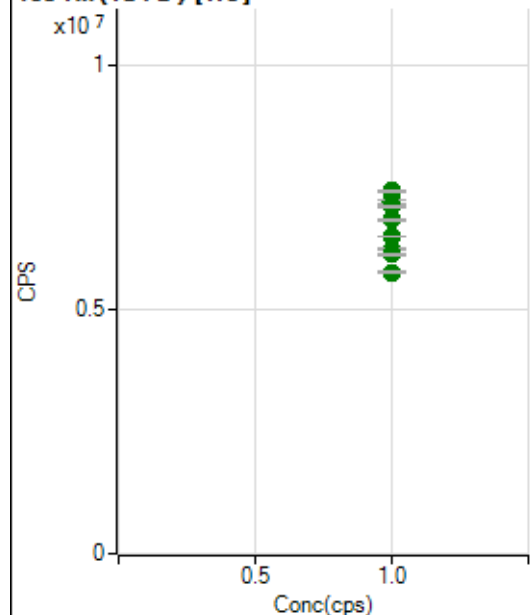
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19142123.47		A	0.4
2	☐	1.000		19513656.79		A	4.2
3	☐	1.000		19877604.43		A	0.9
4	☐	1.000		19560334.99		A	0.6
5	☐	1.000		18968148.47		A	0.4
6	☐	1.000		18551159.31		A	2.1
7	☐	1.000		17718931.68		A	0.3
8	☐	1.000		17567176.27		A	0.9
9	☐	1.000		17239538.63		A	1.4

89 Y(ISTD) [He]

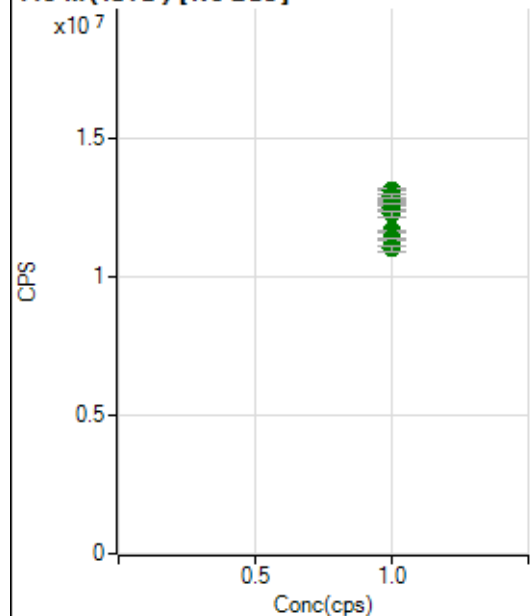
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5547282.49		A	1.1
2	☐	1.000		5691696.44		A	0.9
3	☐	1.000		5660092.35		A	1.0
4	☐	1.000		5467609.22		A	0.6
5	☐	1.000		5204723.15		A	0.3
6	☐	1.000		5000839.48		A	0.3
7	☐	1.000		4836009.93		A	0.3
8	☐	1.000		4839362.74		A	0.3
9	☐	1.000		4898951.97		A	1.0

103 Rh(ISTD) [No Gas]

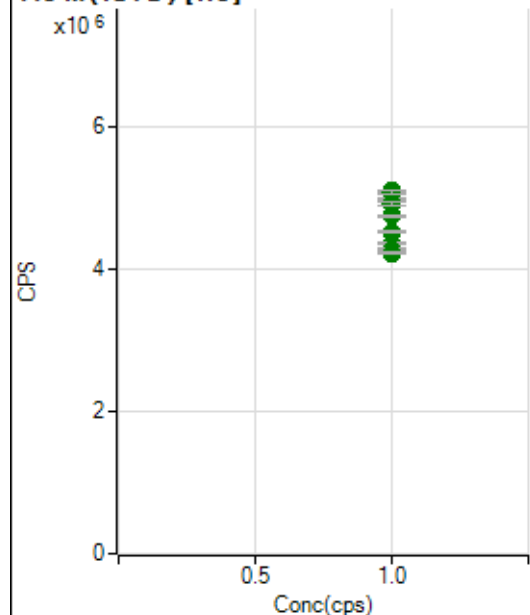
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11834991.35		A	0.7
2	☐	1.000		12091493.43		A	4.1
3	☐	1.000		12187458.71		A	1.0
4	☐	1.000		12052011.35		A	0.2
5	☐	1.000		11482968.58		A	1.0
6	☐	1.000		11124629.28		A	2.2
7	☐	1.000		10617759.98		A	1.2
8	☐	1.000		10204709.92		A	0.7
9	☐	1.000		9563276.25		A	1.7

103 Rh (ISTD) [He]

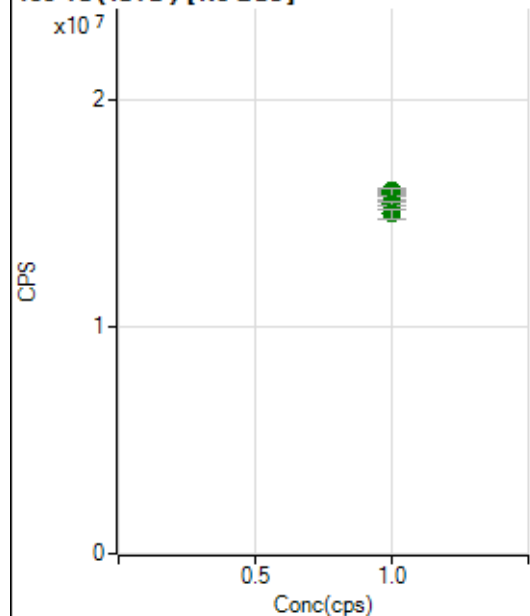
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7206836.77		A	1.1
2	☐	1.000		7442425.03		A	0.4
3	☐	1.000		7421020.17		A	0.6
4	☐	1.000		7127492.33		A	0.5
5	☐	1.000		6847515.11		A	0.2
6	☐	1.000		6517312.47		A	0.3
7	☐	1.000		6251640.11		A	0.5
8	☐	1.000		6137036.23		A	0.6
9	☐	1.000		5778428.04		A	0.6

115 In (ISTD) [No Gas]

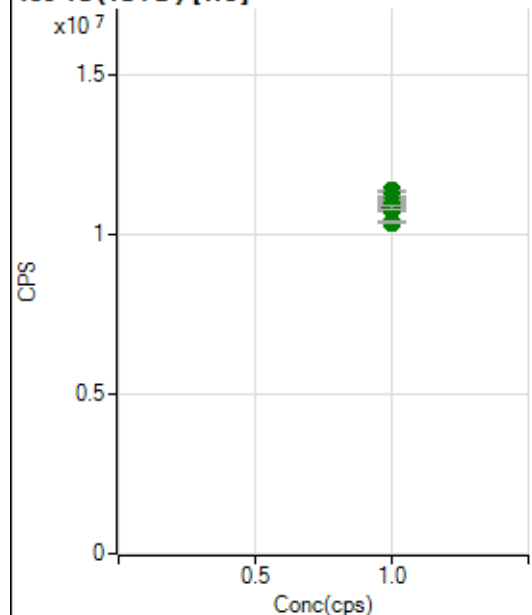
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12704592.99		A	0.5
2	☐	1.000		12842685.66		A	4.4
3	☐	1.000		13073276.15		A	1.7
4	☐	1.000		12899935.69		A	0.9
5	☐	1.000		12492072.90		A	1.6
6	☐	1.000		12243802.29		A	1.9
7	☐	1.000		11627350.53		A	0.7
8	☐	1.000		11355868.92		A	0.7
9	☐	1.000		10989382.13		A	1.9

115 In (ISTD) [He]

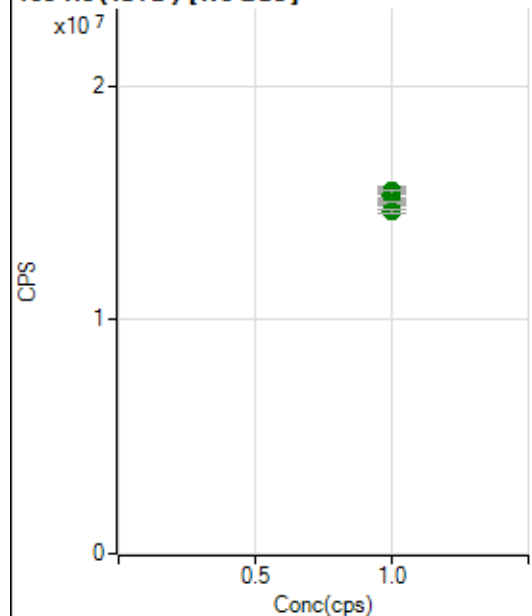
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4991854.58		A	0.3
2	☐	1.000		5108322.07		A	0.2
3	☐	1.000		5086472.18		A	1.1
4	☐	1.000		4935463.34		A	0.9
5	☐	1.000		4757380.33		A	0.5
6	☐	1.000		4526024.33		A	0.6
7	☐	1.000		4362086.70		A	0.7
8	☐	1.000		4288788.97		A	1.0
9	☐	1.000		4233187.28		A	0.8

159 Tb (ISTD) [No Gas]

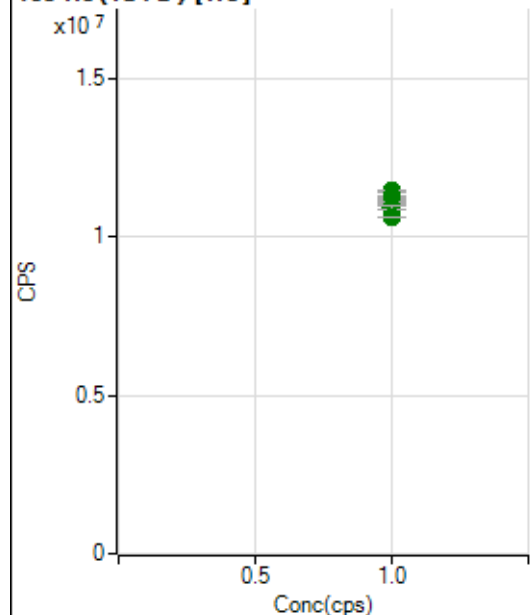
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15557257.54		A	0.5
2	☐	1.000		15739112.96		A	3.1
3	☐	1.000		15901546.29		A	1.3
4	☐	1.000		15956250.04		A	1.4
5	☐	1.000		15795988.37		A	1.4
6	☐	1.000		15864968.37		A	2.2
7	☐	1.000		15396063.11		A	0.9
8	☐	1.000		15398879.63		A	0.8
9	☐	1.000		14951142.14		A	2.8

159 Tb (ISTD) [He]

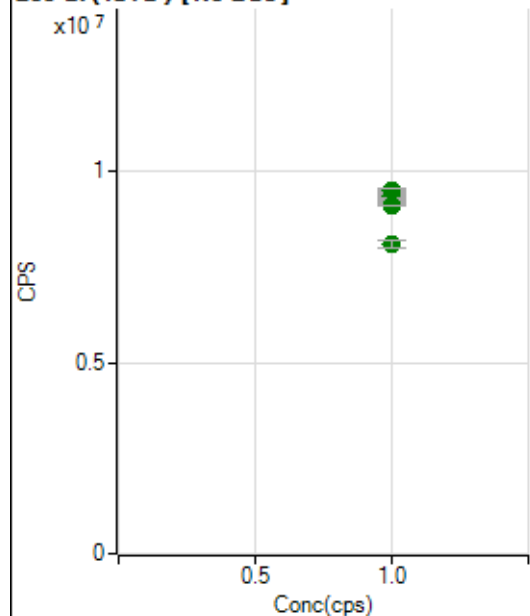
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11134491.64		A	1.5
2	☐	1.000		11348718.44		A	0.2
3	☐	1.000		11355734.83		A	0.5
4	☐	1.000		11168428.03		A	0.8
5	☐	1.000		11034654.42		A	0.7
6	☐	1.000		10871213.03		A	1.2
7	☐	1.000		10758457.34		A	0.7
8	☐	1.000		10836914.00		A	1.4
9	☐	1.000		10377935.05		A	0.2

165 Ho (ISTD) [No Gas]

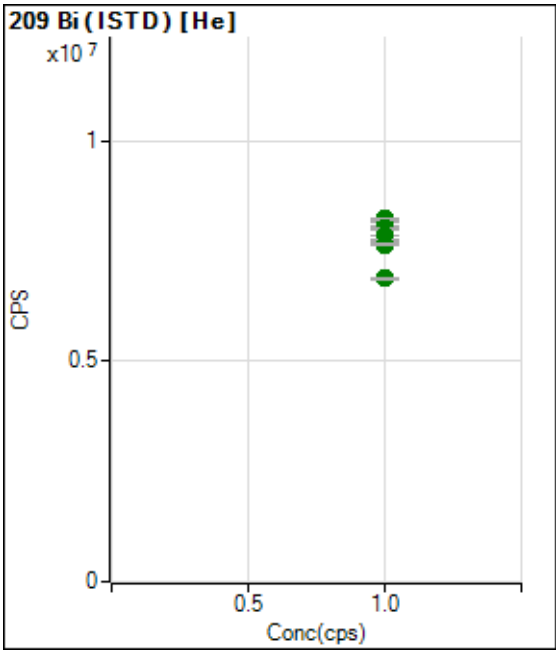
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15049907.55		A	1.2
2	☐	1.000		15433620.60		A	3.8
3	☐	1.000		15520439.63		A	0.9
4	☐	1.000		15462475.60		A	0.2
5	☐	1.000		15303541.02		A	1.6
6	☐	1.000		15404327.13		A	2.0
7	☐	1.000		14945162.97		A	0.9
8	☐	1.000		15023385.05		A	0.8
9	☐	1.000		14642874.36		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11301950.39		A	0.3
2	☐	1.000		11454861.22		A	0.4
3	☐	1.000		11454848.58		A	0.4
4	☐	1.000		11288924.28		A	0.6
5	☐	1.000		11200243.03		A	0.4
6	☐	1.000		11081016.50		A	1.0
7	☐	1.000		10937840.67		A	1.0
8	☐	1.000		10942257.20		A	0.9
9	☐	1.000		10616400.54		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9125728.82		A	1.0
2	☐	1.000		9298815.35		A	3.2
3	☐	1.000		9289061.39		A	1.8
4	☐	1.000		9334993.47		A	1.1
5	☐	1.000		9462342.22		A	0.6
6	☐	1.000		9487420.56		A	1.9
7	☐	1.000		9289463.82		A	0.7
8	☐	1.000		9109079.24		A	0.3
9	☐	1.000		8091032.52		A	2.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8042339.32		A	0.2
2	☐	1.000		8164720.85		A	0.2
3	☐	1.000		8222814.11		A	0.8
4	☐	1.000		8036748.01		A	0.7
5	☐	1.000		7997045.58		A	0.4
6	☐	1.000		7856967.04		A	0.2
7	☐	1.000		7737623.98		A	0.9
8	☐	1.000		7635777.04		A	0.8
9	☐	1.000		6868709.13		A	1.1