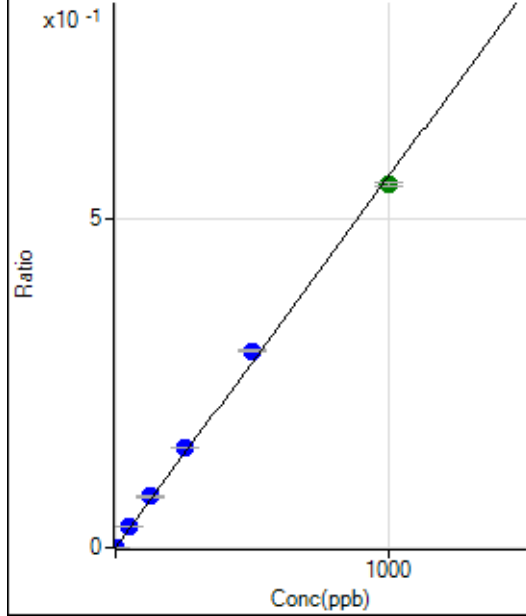


Calibration for 052SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092524-MS2.b\
 Analysis File: P7092524-MS2.batch.bin
 DA Date-Time: 2024-09-26 02:23:47
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-09-25 09:45:20
2	005CALS.d	S02	2024-09-25 09:48:37
3	006CALS.d	S03	2024-09-25 09:51:56
4	007CALS.d	S04	2024-09-25 09:55:02
5	008CALS.d	S05	2024-09-25 09:57:59
6	009CALS.d	S06	2024-09-25 10:00:48
7	010CALS.d	S07	2024-09-25 10:03:36
8	011CALS.d	S08	2024-09-25 10:06:21

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	51.9
2	☐	1.000	1.128	1564.54	0.0007	P	1.5
3	☐	50.000	55.190	75814.87	0.0311	P	2.3
4	☐	125.000	137.449	190603.68	0.0774	P	1.5
5	☐	250.000	269.388	375546.49	0.1517	P	1.3
6	☐	500.000	530.847	749233.23	0.2990	P	0.8
7	☐	1000.000	977.914	1371733.03	0.5507	A	1.0
8	☐			164.45	0.0001	P	11.3

$$y = 5.6315E-004 * x + 1.5877E-005$$

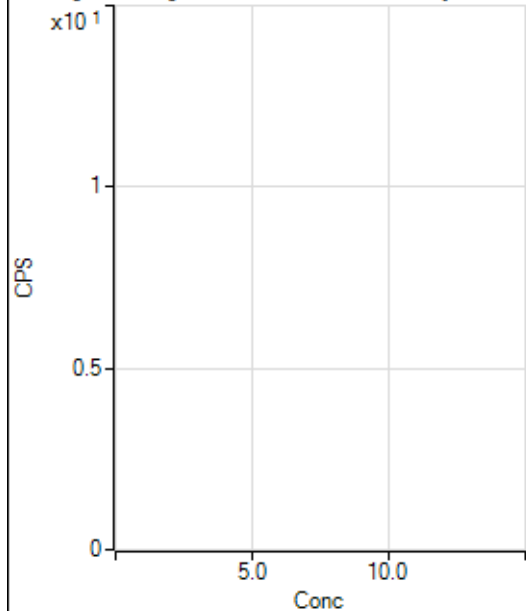
$$R = 0.9990$$

$$DL = 0.0439$$

$$BEC = 0.02819$$

Weight: <None>

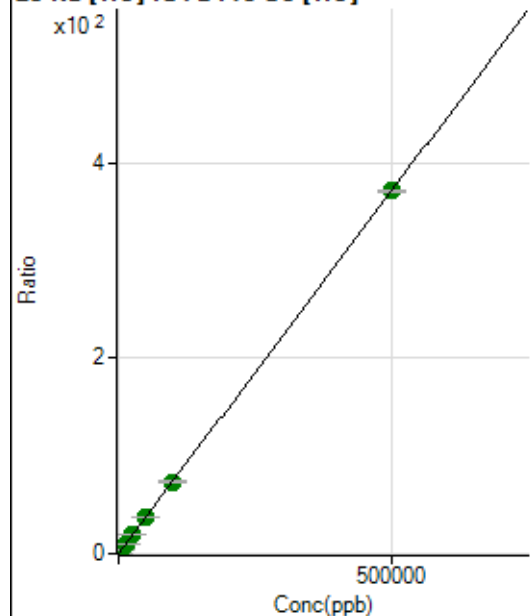
Min Conc: 0

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	10569.26	0.0219	P	5.5
2	☐	500.000	533.636	207523.99	0.4179	P	0.7
3	☐	5000.000	5102.853	1929928.86	3.8086	A	0.9
4	☐	12500.000	12776.880	4873165.62	9.5033	A	0.2
5	☐	25000.000	25459.122	9655509.09	18.9146	A	0.3
6	☐	50000.000	50915.571	18521597.09	37.8052	A	0.2
7	☐	100000.00	99310.735	36482477.23	73.7183	A	0.8
8	☐	500000.00	500015.35	185393017.2	371.0726	A	0.6

$$y = 7.4208\text{E-}004 * x + 0.0219$$

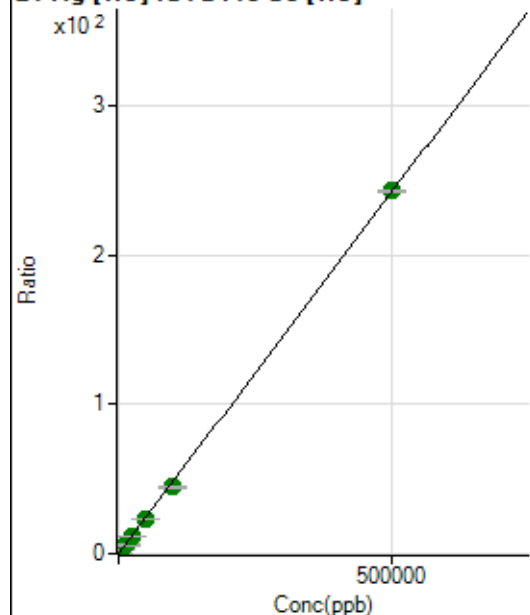
$$R = 1.0000$$

$$DL = 4.907$$

$$BEC = 29.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1486.75	0.0031	P	6.8
2	☐	500.000	523.248	127395.34	0.2565	P	0.3
3	☐	5000.000	4820.201	1184629.10	2.3378	A	1.2
4	☐	12500.000	12001.074	2982327.98	5.8160	A	0.7
5	☐	25000.000	23697.138	5860950.96	11.4812	A	0.6
6	☐	50000.000	47226.777	11208365.94	22.8781	A	0.4
7	☐	100000.00	91905.446	22032470.78	44.5190	A	0.3
8	☐	500000.00	501975.62	121478544.8	243.1431	A	0.4

$$y = 4.8437E-004 * x + 0.0031$$

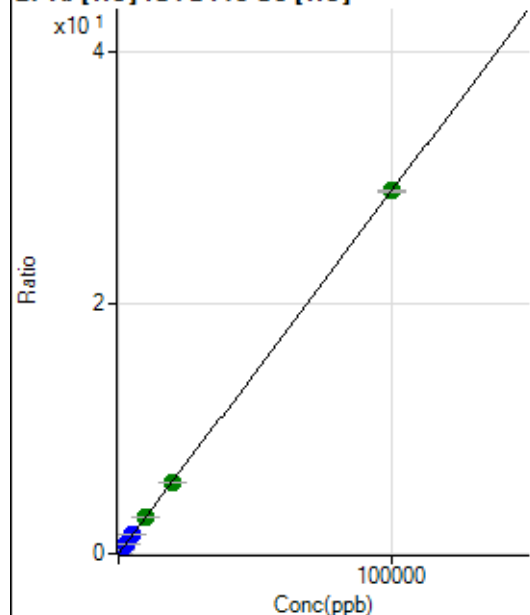
R = 0.9999

DL = 1.293

BEC = 6.358

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	576.69	0.0012	P	5.8
2	☐	20.000	16.708	2990.32	0.0060	P	4.3
3	☐	1000.000	1051.792	154672.23	0.3052	P	0.2
4	☐	2500.000	2647.513	393059.21	0.7665	P	0.3
5	☐	5000.000	5170.302	763561.83	1.4958	P	0.4
6	☐	10000.000	10094.954	1430145.99	2.9193	A	1.2
7	☐	20000.000	19671.430	2814772.46	5.6876	A	0.6
8	☐	100000.00	100043.49	14449256.17	28.9208	A	0.5

$$y = 2.8907E-004 * x + 0.0012$$

R = 1.0000

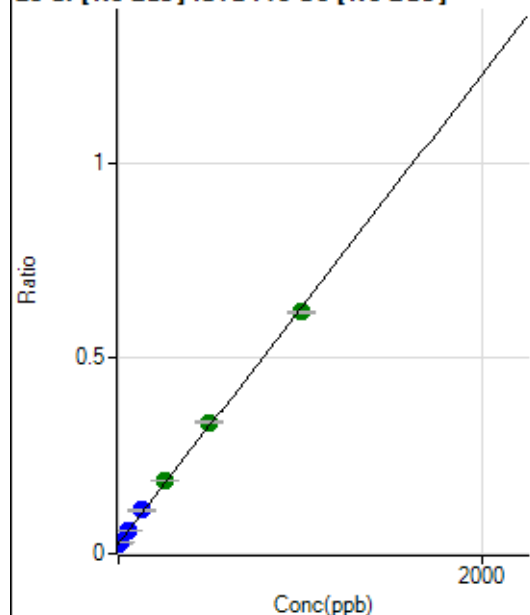
DL = 0.7191

BEC = 4.126

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	166981.12	0.0259	P	2.1
2	☐	10.000	6.639	194660.14	0.0299	P	1.1
3	☐	50.000	55.809	392858.71	0.0595	P	0.7
4	☐	125.000	141.711	738963.70	0.1110	P	0.9
5	☐	250.000	266.170	1261860.45	0.1858	A	0.2
6	☐	500.000	515.656	2253725.68	0.3356	A	1.5
7	☐	1000.000	985.784	4063411.37	0.6178	A	0.7
8	☐			241601.01	0.0375	P	0.8

$$y = 6.0042\text{E-}004 * x + 0.0259$$

$$R = 0.9995$$

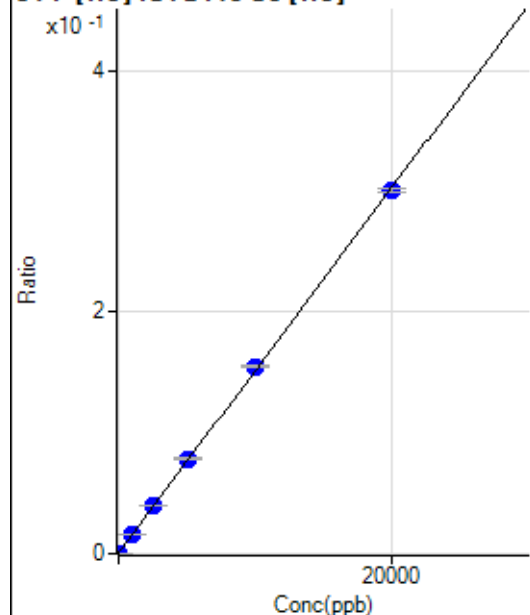
$$DL = 2.669$$

$$BEC = 43.21$$

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	-17.945	97.78	0.0002	P	27.8
2	☐	0.000	17.945	368.90	0.0007	P	3.0
3	☐	1000.000	1013.403	7997.71	0.0158	P	1.9
4	☐	2500.000	2584.565	20265.75	0.0395	P	1.2
5	☐	5000.000	5169.431	40111.31	0.0786	P	0.8
6	☐	10000.000	10203.206	75753.91	0.1546	P	0.8
7	☐	20000.000	19844.799	148614.96	0.3003	P	1.0
8	☐			138.89	0.0003	P	24.5

$$y = 1.5109\text{E-}005 * x + 4.7164\text{E-}004$$

$$R = 0.9999$$

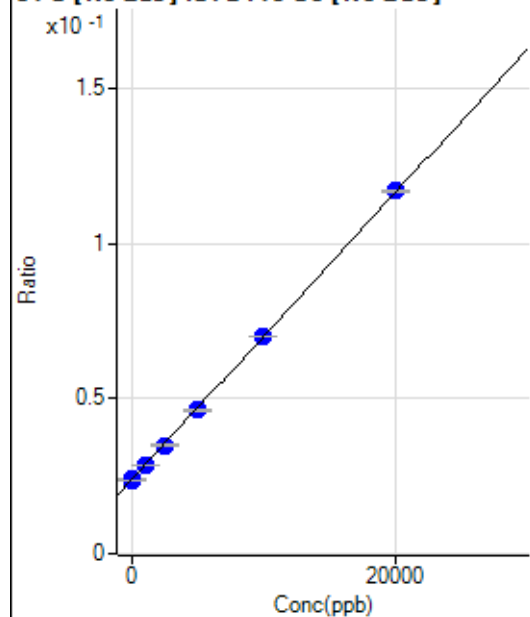
$$DL = 7.786$$

$$BEC = 31.22$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	40.038	154253.70	0.0240	P	1.2
2	☐	0.000	-40.038	153449.92	0.0236	P	0.3
3	☐	1000.000	970.847	186871.94	0.0283	P	0.7
4	☐	2500.000	2378.925	231651.33	0.0348	P	1.2
5	☐	5000.000	4851.301	314291.53	0.0463	P	1.7
6	☐	10000.000	9950.012	469563.90	0.0699	P	0.6
7	☐	20000.000	20078.760	768664.85	0.1169	P	0.5
8	☐			140010.96	0.0217	P	1.0

$$y = 4.6362\text{E-}006 * x + 0.0238$$

$$R = 1.0000$$

$$DL = 114.3$$

$$BEC = 5130$$

Weight: <None>

Min Conc: 0

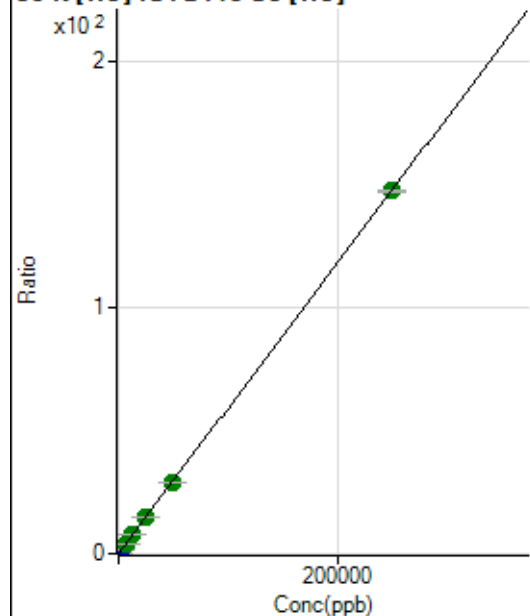
35 Cl [No Gas] No available calibration points



	R _j 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	34070.37	0.0705	P	4.0
2	☐	500.000	537.370	192448.56	0.3875	P	0.5
3	☐	2500.000	2761.534	861259.14	1.6996	P	0.3
4	☐	6250.000	6532.854	2012420.63	3.9245	A	0.8
5	☐	12500.000	12832.027	3900300.01	7.6406	A	0.5
6	☐	25000.000	25435.857	7386021.69	15.0761	A	0.4
7	☐	50000.000	49436.206	14468486.73	29.2349	A	0.5
8	☐	250000.00	250042.81	73733488.90	147.5808	A	0.5

$$y = 5.8994\text{E-}004 * x + 0.0705$$

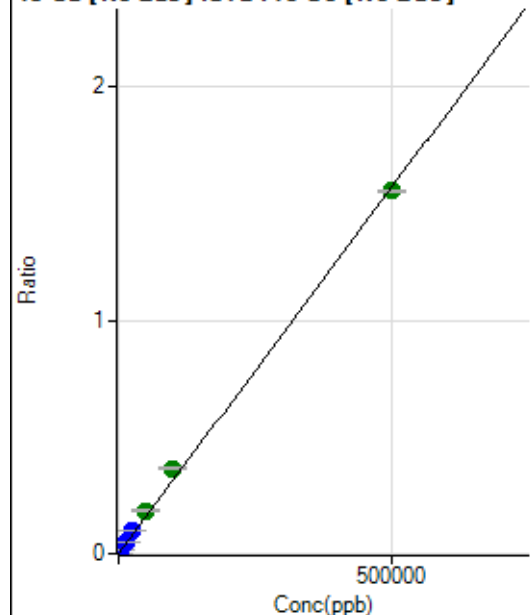
$$R = 1.0000$$

$$DL = 14.21$$

$$BEC = 119.5$$

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	312.23	0.0000	P	28.1
2	☐	500.000	539.459	11314.29	0.0017	P	2.4
3	☐	5000.000	6225.393	129272.72	0.0196	P	0.7
4	☐	12500.000	15669.172	327241.30	0.0492	P	0.4
5	☐	25000.000	30913.264	658605.45	0.0970	P	1.1
6	☐	50000.000	58778.981	1238019.64	0.1843	A	1.4
7	☐	100000.00	116184.59	2395814.84	0.3643	A	1.2
8	☐	500000.00	495497.99	10016312.42	1.5534	A	0.3

$$y = 3.1350\text{E-}006 * x + 4.8628\text{E-}005$$

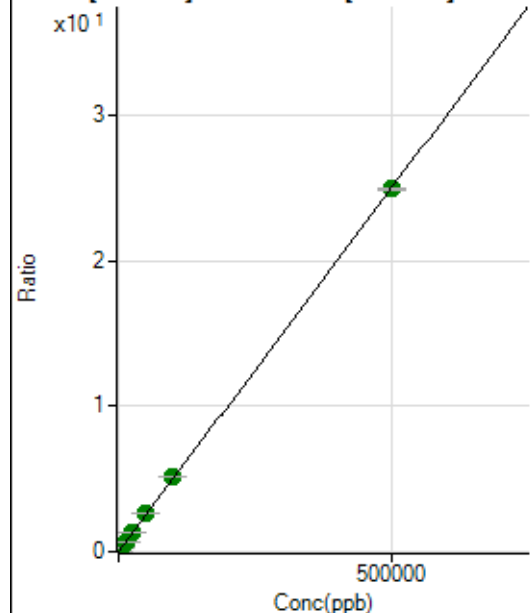
$$R = 0.9994$$

$$DL = 13.05$$

$$BEC = 15.51$$

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	9983.24	0.0016	P	1.2
2	☐	500.000	550.635	189249.15	0.0291	P	1.7
3	☐	5000.000	5361.349	1782539.13	0.2698	A	1.2
4	☐	12500.000	13364.695	4460070.69	0.6702	A	0.9
5	☐	25000.000	26345.709	8964271.04	1.3197	A	0.4
6	☐	50000.000	52642.970	17700565.23	2.6354	A	0.7
7	☐	100000.00	103656.31	34119917.96	5.1877	A	0.2
8	☐	500000.00	498911.87	160955761.2	24.9630	A	0.4

$$y = 5.0032\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

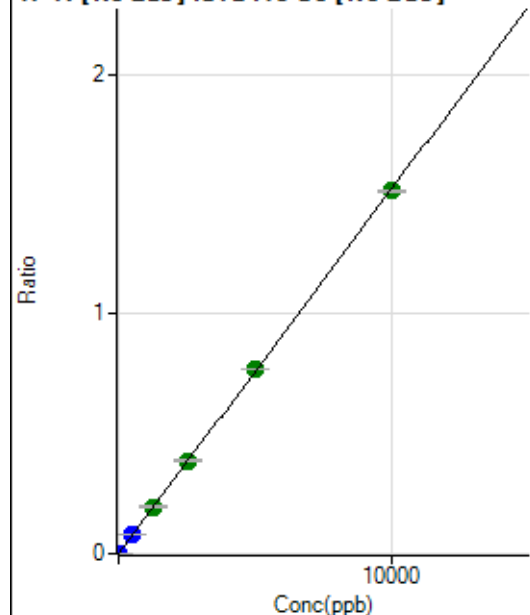
$$DL = 1.144$$

$$BEC = 31$$

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	340.01	0.0001	P	13.2
2	☐	5.000	5.032	5326.55	0.0008	P	3.5
3	☐	500.000	524.783	528358.79	0.0800	P	1.0
4	☐	1250.000	1284.198	1301672.37	0.1956	A	1.5
5	☐	2500.000	2556.183	2644471.31	0.3893	A	1.1
6	☐	5000.000	5061.008	5176675.48	0.7707	A	0.8
7	☐	10000.000	9949.936	9965473.53	1.5152	A	0.5
8	☐			2227.96	0.0003	P	4.2

$$y = 1.5228\text{E-}004 * x + 5.2881\text{E-}005$$

$$R = 1.0000$$

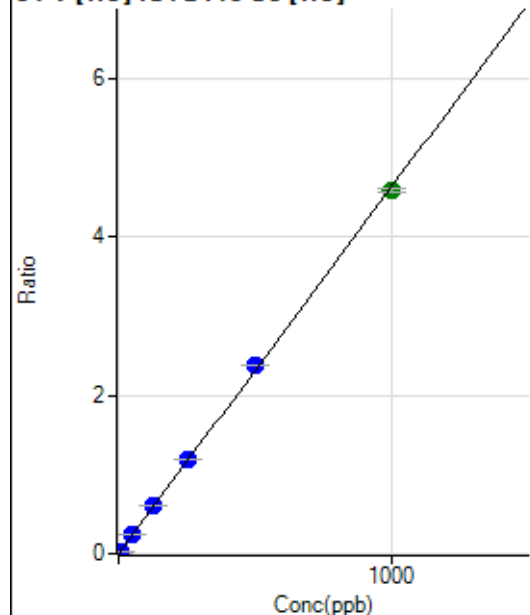
$$DL = 0.1379$$

$$BEC = 0.3473$$

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	41.11	0.0001	P	10.2
2	☐	5.000	5.272	12163.85	0.0245	P	2.4
3	☐	50.000	52.048	122165.76	0.2411	P	0.8
4	☐	125.000	130.685	310344.52	0.6052	P	0.7
5	☐	250.000	259.143	612587.75	1.2000	P	0.1
6	☐	500.000	515.072	1168480.00	2.3851	P	0.6
7	☐	1000.000	989.364	2267309.05	4.5813	A	1.0
8	☐			664.47	0.0013	P	4.6

$$y = 0.0046 * x + 8.5257\text{E-}005$$

$$R = 0.9998$$

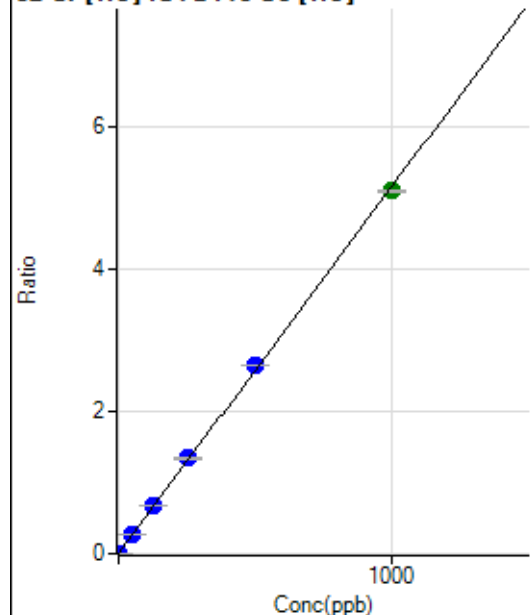
$$DL = 0.00563$$

$$BEC = 0.01841$$

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	1811.24	0.0038	P	8.8
2	☐	2.000	1.704	6214.67	0.0125	P	4.5
3	☐	50.000	52.049	137505.68	0.2714	P	0.3
4	☐	125.000	131.406	348360.11	0.6794	P	1.2
5	☐	250.000	259.086	681898.50	1.3358	P	0.1
6	☐	500.000	514.681	1298233.89	2.6499	P	0.4
7	☐	1000.000	989.486	2519599.06	5.0911	A	0.5
8	☐			14133.79	0.0283	P	9.6

$$y = 0.0051 * x + 0.0038$$

$$R = 0.9998$$

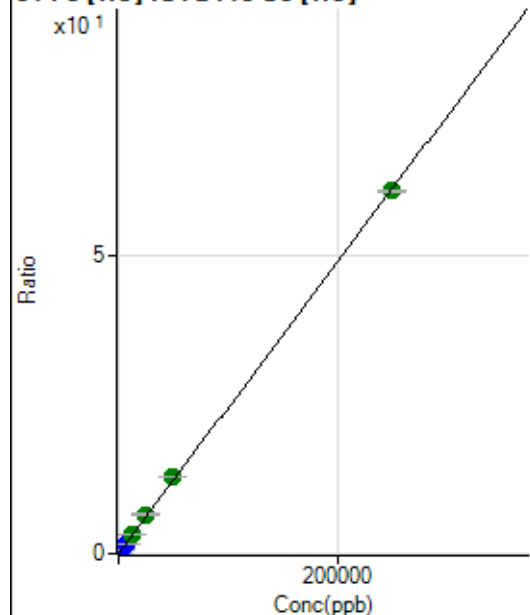
$$DL = 0.1921$$

$$BEC = 0.7302$$

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	1775.68	0.0037	P	6.1
2	☐	50.000	55.011	8513.59	0.0171	P	0.9
3	☐	2500.000	2884.672	359674.18	0.7098	P	0.8
4	☐	6250.000	7242.049	910918.02	1.7764	P	0.1
5	☐	12500.000	13680.384	1711337.09	3.3524	A	0.6
6	☐	25000.000	27044.483	3245054.57	6.6237	A	0.7
7	☐	50000.000	52361.913	6345083.65	12.8210	A	0.4
8	☐	250000.00	249235.50	30482795.10	61.0124	A	0.5

$$y = 2.4478E-004 * x + 0.0037$$

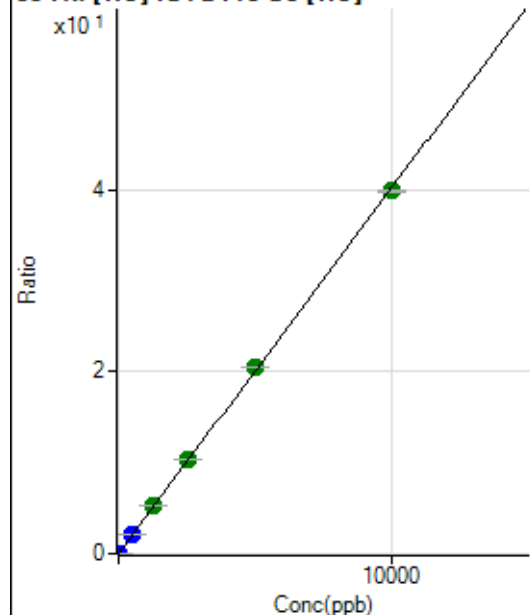
$$R = 0.9999$$

$$DL = 2.736$$

$$BEC = 15.02$$

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	1824.57	0.0038	P	7.2
2	☐	1.000	1.089	4048.36	0.0082	P	3.4
3	☐	500.000	528.256	1077374.30	2.1261	P	0.3
4	☐	1250.000	1307.987	2696686.69	5.2588	A	1.0
5	☐	2500.000	2565.505	5263552.14	10.3111	A	0.2
6	☐	5000.000	5103.083	10046223.81	20.5062	A	0.5
7	☐	10000.000	9923.421	19733092.07	39.8727	A	0.2
8	☐			11983.73	0.0240	P	1.7

$$y = 0.0040 * x + 0.0038$$

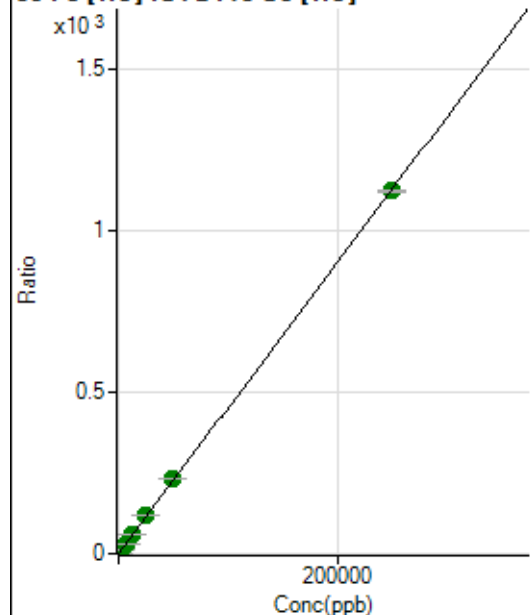
$$R = 0.9999$$

$$DL = 0.2028$$

$$BEC = 0.9405$$

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	20839.00	0.0431	P	4.1
2	☐	50.000	51.982	137829.96	0.2775	P	0.6
3	☐	2500.000	2685.193	6157776.51	12.1520	A	0.7
4	☐	6250.000	6768.049	15672732.82	30.5636	A	0.6
5	☐	12500.000	13417.837	30909699.82	60.5507	A	0.3
6	☐	25000.000	26560.207	58700518.57	119.8161	A	0.3
7	☐	50000.000	51459.041	114864808.2	232.0971	A	0.3
8	☐	250000.00	249491.47	562126516.0	1,125.122	A	0.8

$$y = 0.0045 * x + 0.0431$$

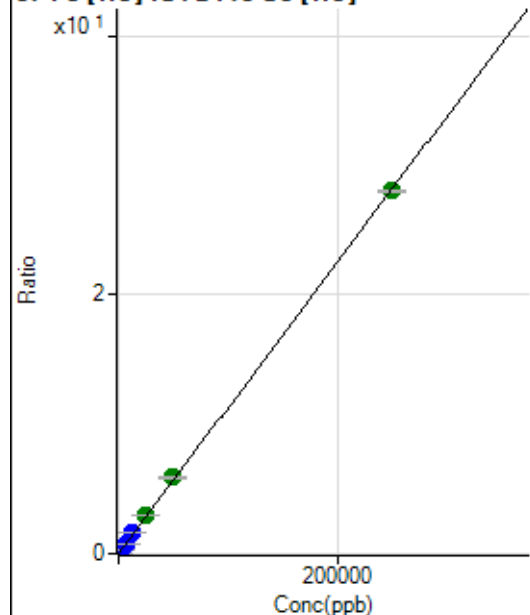
$$R = 1.0000$$

$$DL = 1.189$$

$$BEC = 9.563$$

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	1042.27	0.0022	P	6.6
2	☐	50.000	55.925	4197.28	0.0085	P	2.5
3	☐	2500.000	2843.387	163211.41	0.3221	P	0.2
4	☐	6250.000	7160.077	414212.73	0.8078	P	0.9
5	☐	12500.000	14150.654	813865.91	1.5943	P	0.3
6	☐	25000.000	26656.443	1470554.73	3.0014	A	0.8
7	☐	50000.000	52268.278	2911563.71	5.8832	A	0.7
8	☐	250000.00	249271.98	14013813.82	28.0493	A	0.7

$$y = 1.1252\text{E-}004 * x + 0.0022$$

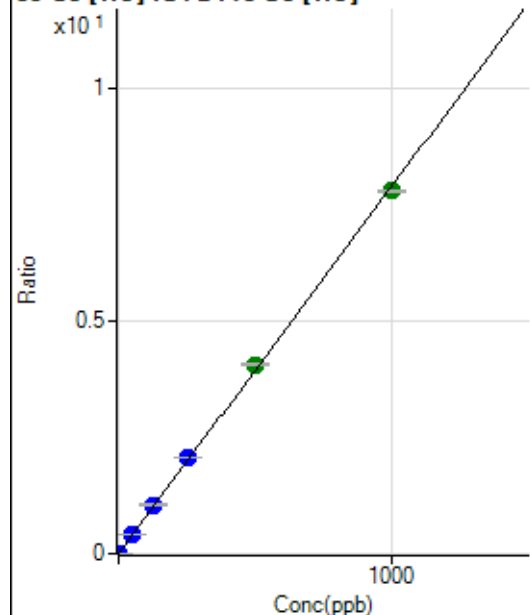
$$R = 0.9999$$

$$DL = 3.817$$

$$BEC = 19.19$$

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	283.34	0.0006	P	8.8
2	☐	1.000	1.091	4555.18	0.0092	P	2.4
3	☐	50.000	53.141	212209.26	0.4188	P	0.7
4	☐	125.000	132.999	536984.42	1.0472	P	0.9
5	☐	250.000	260.483	1046690.90	2.0504	P	0.5
6	☐	500.000	515.204	1986575.44	4.0549	A	0.4
7	☐	1000.000	988.620	3850495.50	7.7805	A	0.6
8	☐			10788.40	0.0216	P	1.4

$$y = 0.0079 * x + 5.8554\text{E-}004$$

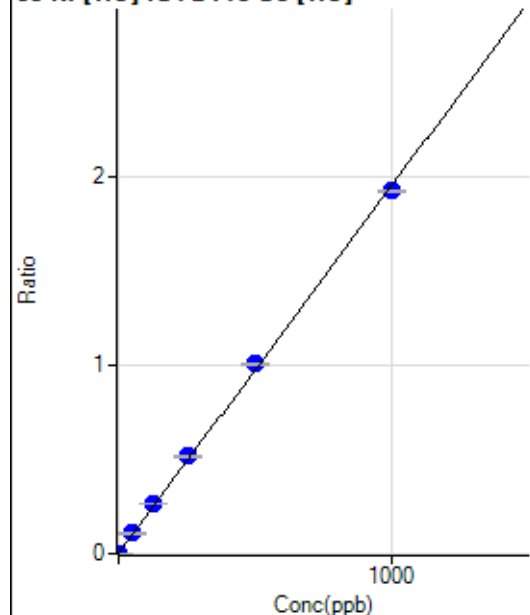
$$R = 0.9998$$

$$DL = 0.01965$$

$$BEC = 0.07441$$

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	546.68	0.0011	P	6.5
2	☐	1.000	0.774	1312.29	0.0026	P	6.6
3	☐	50.000	54.773	54798.52	0.1081	P	2.0
4	☐	125.000	135.422	136254.16	0.2657	P	1.0
5	☐	250.000	264.235	264108.92	0.5174	P	0.5
6	☐	500.000	516.763	495171.00	1.0107	P	0.8
7	☐	1000.000	986.519	954420.72	1.9285	P	0.2
8	☐			5097.57	0.0102	P	2.5

$$y = 0.0020 * x + 0.0011$$

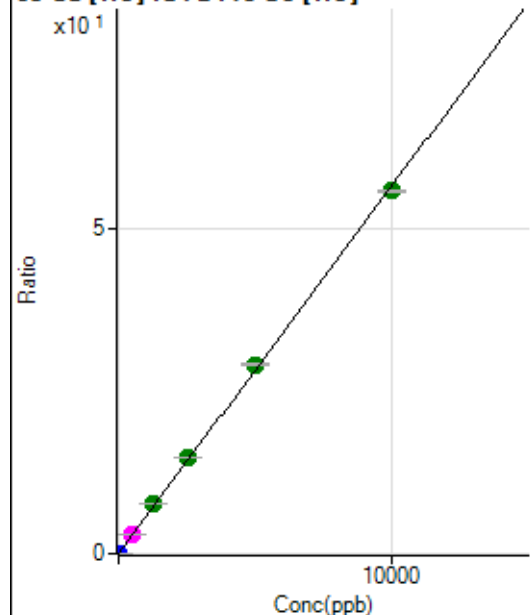
$$R = 0.9997$$

$$DL = 0.1135$$

$$BEC = 0.5785$$

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	1125.61	0.0023	P	8.6
2	☐	2.000	1.871	6416.99	0.0129	P	2.9
3	☐	500.000	530.933	1524197.55	3.0079	M	0.9
4	☐	1250.000	1351.652	3924773.34	7.6539	A	0.6
5	☐	2500.000	2626.519	7591201.13	14.8708	A	0.1
6	☐	5000.000	5154.143	14295125.48	29.1794	A	0.7
7	☐	10000.000	9877.046	27672204.31	55.9154	A	0.6
8	☐			6156.88	0.0123	P	0.2

$$y = 0.0057 * x + 0.0023$$

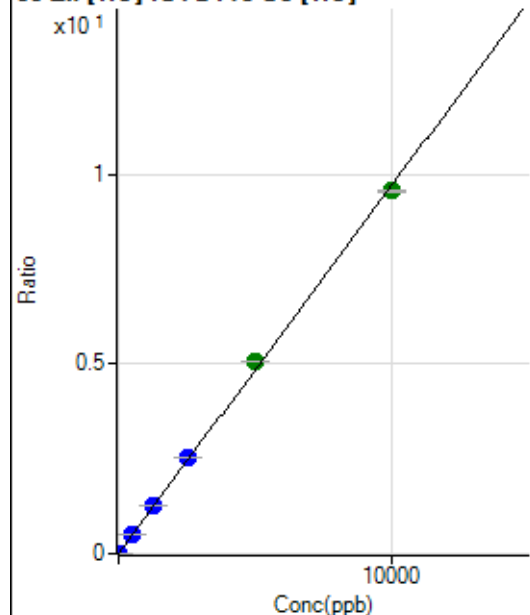
$$R = 0.9997$$

$$DL = 0.1069$$

$$BEC = 0.412$$

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	748.92	0.0016	P	7.4
2	☐	5.000	4.371	2873.64	0.0058	P	4.6
3	☐	500.000	526.332	259234.32	0.5116	P	0.1
4	☐	1250.000	1314.523	653976.26	1.2754	P	0.9
5	☐	2500.000	2592.210	1283064.46	2.5135	P	0.1
6	☐	5000.000	5211.941	2475116.51	5.0521	A	0.3
7	☐	10000.000	9861.595	4730113.58	9.5577	A	0.4
8	☐			2594.70	0.0052	P	3.7

$$y = 9.6903\text{E-}004 * x + 0.0016$$

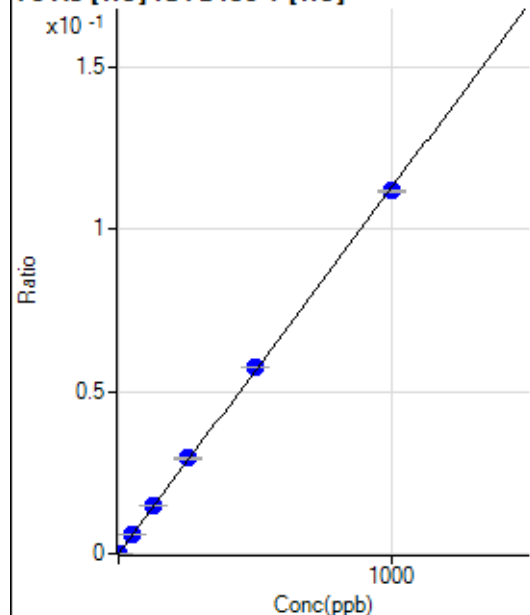
$$R = 0.9996$$

$$DL = 0.3578$$

$$BEC = 1.601$$

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	10.00	0.0000	P	71.3
2	☐	1.000	1.057	381.12	0.0001	P	10.5
3	☐	50.000	52.914	18750.81	0.0060	P	1.2
4	☐	125.000	132.700	48122.13	0.0150	P	0.9
5	☐	250.000	260.159	93697.56	0.0293	P	0.6
6	☐	500.000	509.431	179772.93	0.0574	P	0.7
7	☐	1000.000	991.636	352179.08	0.1117	P	0.5
8	☐			184.45	0.0001	P	7.7

$$y = 1.1268\text{E-}004 * x + 3.3883\text{E-}006$$

$$R = 0.9999$$

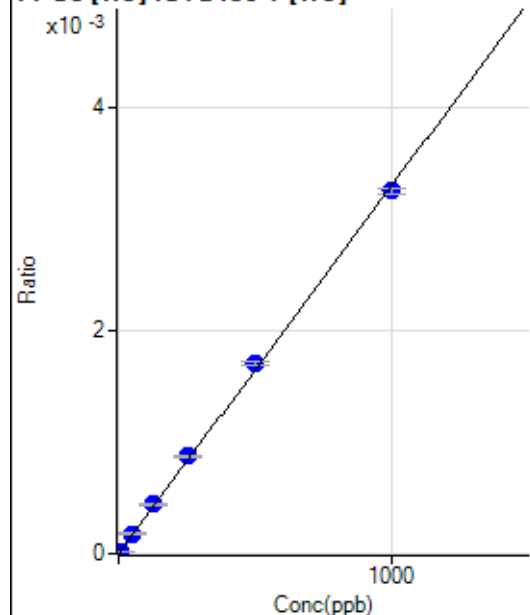
$$DL = 0.06431$$

$$BEC = 0.03007$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.284	64.45	0.0000	P	20.9
3	☐	50.000	53.872	557.79	0.0002	P	8.1
4	☐	125.000	133.500	1415.64	0.0004	P	1.1
5	☐	250.000	266.202	2803.63	0.0009	P	2.0
6	☐	500.000	516.682	5333.22	0.0017	P	1.5
7	☐	1000.000	986.346	10245.84	0.0033	P	1.9
8	☐			1.11	0.0000	P	173.

$$y = 3.2957\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

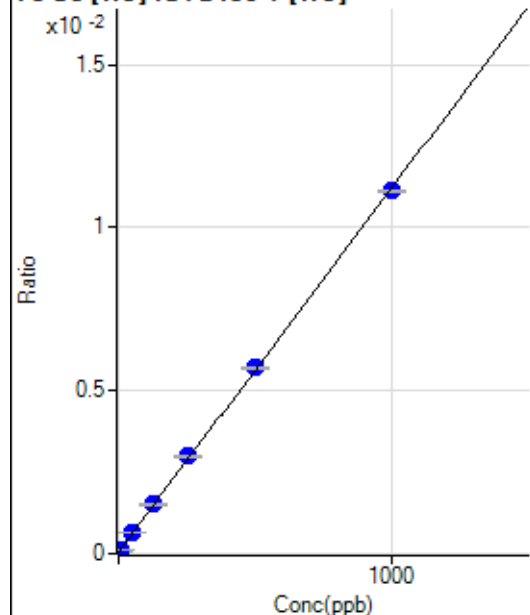
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	171.11	0.0001	P	18.8
2	☐	5.000	3.803	308.89	0.0001	P	3.9
3	☐	50.000	52.368	2013.49	0.0006	P	6.1
4	☐	125.000	130.480	4864.18	0.0015	P	1.7
5	☐	250.000	262.045	9519.80	0.0030	P	2.0
6	☐	500.000	506.591	17865.30	0.0057	P	1.5
7	☐	1000.000	992.896	35072.63	0.0111	P	0.2
8	☐			177.78	0.0001	P	12.9

$$y = 1.1150\text{E-}005 * x + 5.6878\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.881$$

$$BEC = 5.101$$

Weight: <None>

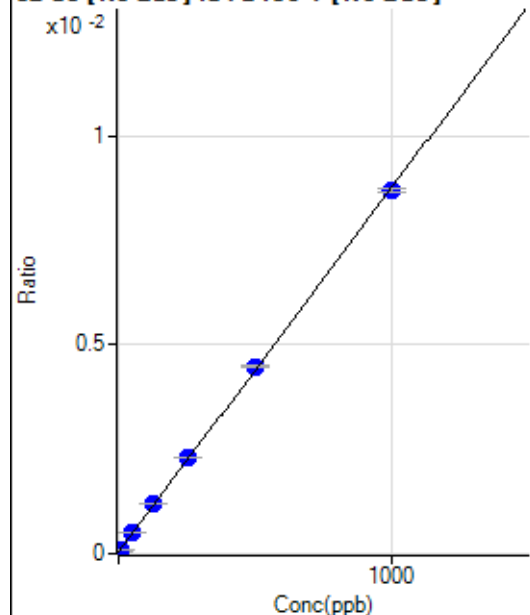
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7033.96		P	2.2
2	☐			6644.89		P	2.9
3	☐			6753.82		P	3.0
4	☐			6976.14		P	0.9
5	☐			7122.89		P	1.3
6	☐			6988.38		P	4.4
7	☐			7135.11		P	2.9
8	☐			7838.82		P	3.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	49.5
2	☐			27.78		P	18.3
3	☐			35.55		P	10.8
4	☐			41.11		P	49.5
5	☐			28.89		P	29.0
6	☐			36.66		P	41.7
7	☐			48.89		P	14.2
8	☐			67.78		P	17.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	483.92	0.0000	P	8.6
2	☐	5.000	4.926	1036.84	0.0001	P	4.3
3	☐	50.000	52.472	6418.11	0.0005	P	1.4
4	☐	125.000	132.609	15650.38	0.0012	P	1.0
5	☐	250.000	259.243	30848.97	0.0023	P	0.9
6	☐	500.000	509.550	59420.92	0.0045	P	0.4
7	☐	1000.000	991.840	114483.57	0.0087	P	1.0
8	☐			617.19	0.0000	P	9.8

$$y = 8.7139\text{E-}006 * x + 3.8604\text{E-}005$$

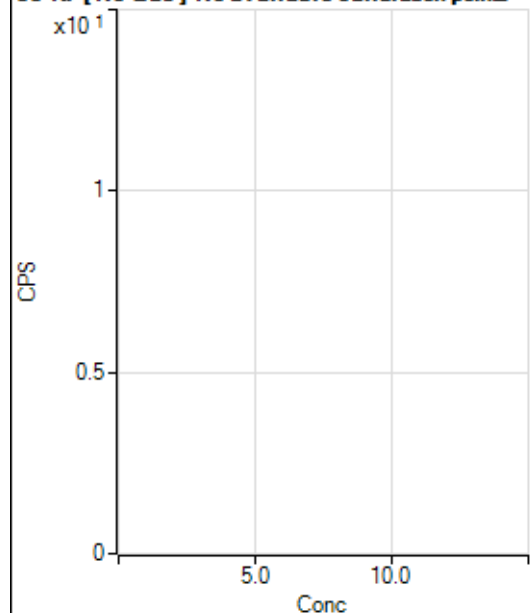
$$R = 0.9999$$

$$DL = 1.139$$

$$BEC = 4.43$$

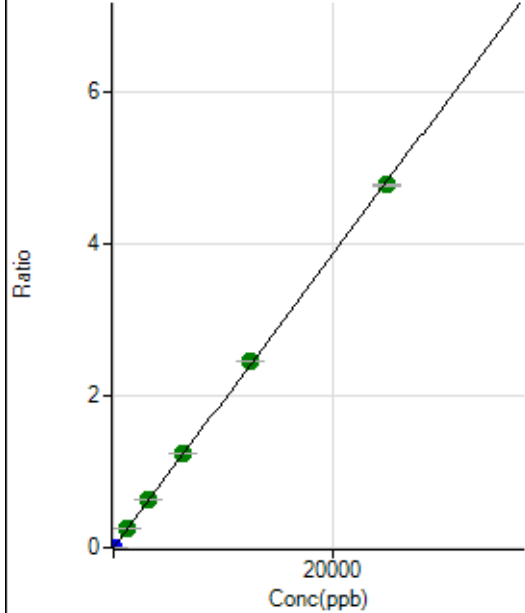
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			125.56		P	10.7
2	☐			186.67		P	11.7
3	☐			175.56		P	23.7
4	☐			133.33		P	40.2
5	☐			161.11		P	5.2
6	☐			194.45		P	11.4
7	☐			206.67		P	13.8
8	☐			198.89		P	25.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	836.70	0.0001	P	3.4
2	☐	1.000	0.809	2832.53	0.0002	P	1.0
3	☐	1250.000	1289.760	3220576.31	0.2488	A	0.7
4	☐	3125.000	3282.265	8298005.29	0.6331	A	0.5
5	☐	6250.000	6417.743	16620222.53	1.2379	A	1.1
6	☐	12500.000	12772.738	32684587.84	2.4635	A	0.2
7	☐	25000.000	24800.049	63076947.39	4.7832	A	0.5
8	☐			9796.65	0.0008	P	2.6

$$y = 1.9287E-004 * x + 6.6732E-005$$

$$R = 0.9999$$

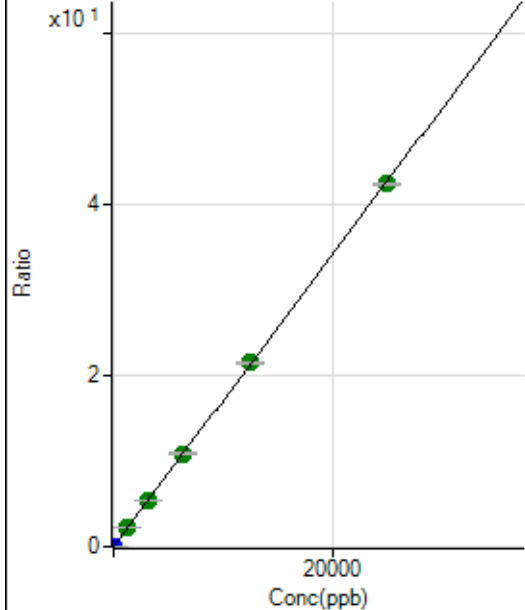
$$DL = 0.03495$$

$$BEC = 0.346$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4998.67	0.0004	P	2.8
2	☐	1.000	0.798	22377.09	0.0018	P	2.1
3	☐	1250.000	1290.688	28502480.41	2.2022	A	0.8
4	☐	3125.000	3228.709	72194480.59	5.5082	A	0.1
5	☐	6250.000	6393.569	146451507.8	10.9071	A	1.0
6	☐	12500.000	12633.324	285923117.9	21.5514	A	0.9
7	☐	25000.000	24882.448	559743280.5	42.4469	A	0.2
8	☐			8396.32	0.0067	P	1.5

$$y = 0.0017 * x + 3.9866E-004$$

$$R = 1.0000$$

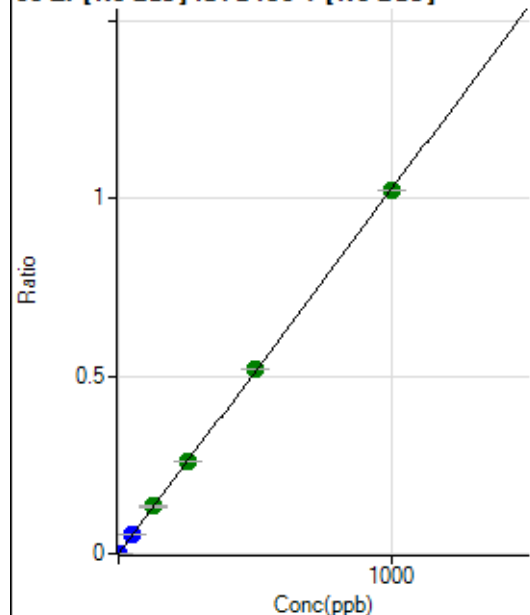
$$DL = 0.01948$$

$$BEC = 0.2337$$

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	758.92	0.0001	P	0.9
2	☐	1.000	1.018	14032.36	0.0011	P	3.0
3	☐	50.000	51.523	684278.93	0.0529	P	0.9
4	☐	125.000	130.057	1748051.88	0.1334	A	1.7
5	☐	250.000	253.791	3493422.90	0.2602	A	0.5
6	☐	500.000	505.670	6876957.61	0.5183	A	0.7
7	☐	1000.000	995.509	13455771.33	1.0204	A	0.2
8	☐			9207.40	0.0007	P	2.1

$$y = 0.0010 * x + 6.0531E-005$$

$$R = 1.0000$$

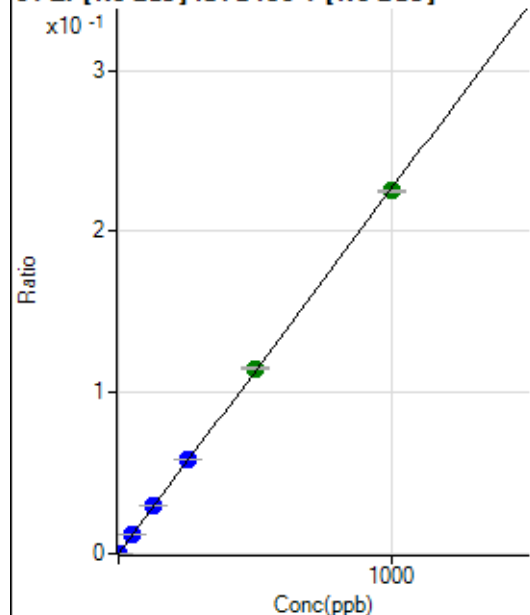
$$DL = 0.001562$$

$$BEC = 0.05906$$

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	168.89	0.0000	P	8.2
2	☐	1.000	0.979	2992.55	0.0002	P	1.7
3	☐	50.000	51.621	151518.99	0.0117	P	0.7
4	☐	125.000	130.159	386600.74	0.0295	P	0.3
5	☐	250.000	257.084	782057.73	0.0582	P	0.5
6	☐	500.000	507.607	1525639.65	0.1150	A	0.5
7	☐	1000.000	993.699	2968372.60	0.2251	A	0.7
8	☐			1976.82	0.0002	P	4.8

$$y = 2.2651E-004 * x + 1.3471E-005$$

$$R = 0.9999$$

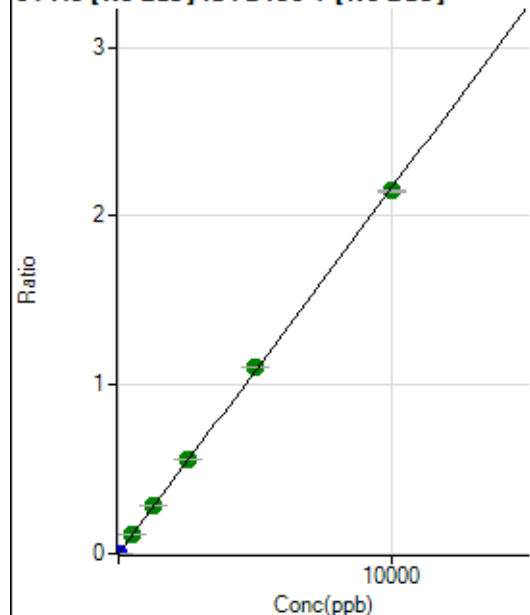
$$DL = 0.01465$$

$$BEC = 0.05947$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	568.91	0.0000	P	7.9
2	☐	5.000	5.632	16075.58	0.0013	P	0.8
3	☐	500.000	515.323	1443956.72	0.1116	A	0.2
4	☐	1250.000	1293.273	3668835.26	0.2799	A	0.7
5	☐	2500.000	2568.336	7463436.00	0.5558	A	0.7
6	☐	5000.000	5101.425	14646681.31	1.1040	A	0.9
7	☐	10000.000	9926.028	28325747.36	2.1480	A	0.4
8	☐			8901.67	0.0007	P	2.0

$$y = 2.1640\text{E-}004 * x + 4.5371\text{E-}005$$

$$R = 0.9999$$

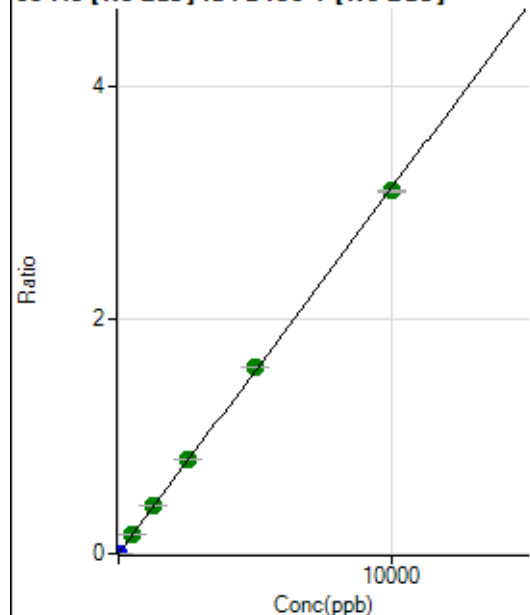
$$DL = 0.04999$$

$$BEC = 0.2097$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	571.13	0.0000	P	1.4
2	☐	5.000	4.722	19350.65	0.0015	P	1.1
3	☐	500.000	518.408	2097892.17	0.1621	A	0.5
4	☐	1250.000	1299.372	5323854.40	0.4062	A	0.7
5	☐	2500.000	2578.128	10820399.01	0.8059	A	0.8
6	☐	5000.000	5099.193	21146252.05	1.5939	A	0.6
7	☐	10000.000	9923.780	40904431.61	3.1019	A	0.3
8	☐			9484.26	0.0008	P	3.2

$$y = 3.1257\text{E-}004 * x + 4.5553\text{E-}005$$

$$R = 0.9999$$

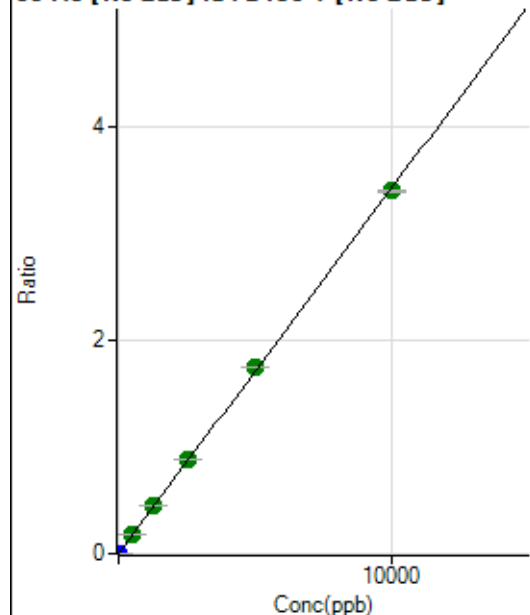
$$DL = 0.006167$$

$$BEC = 0.1457$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	647.80	0.0001	P	12.1
2	☐	5.000	4.862	21792.96	0.0017	P	1.7
3	☐	500.000	520.794	2305180.23	0.1781	A	0.6
4	☐	1250.000	1291.668	5788720.19	0.4417	A	0.2
5	☐	2500.000	2561.265	11758054.55	0.8757	A	0.6
6	☐	5000.000	5092.735	23101016.32	1.7412	A	0.4
7	☐	10000.000	9932.068	44778238.78	3.3957	A	0.4
8	☐			17992.31	0.0014	P	2.0

$$y = 3.4189\text{E-}004 * x + 5.1668\text{E-}005$$

$$R = 0.9999$$

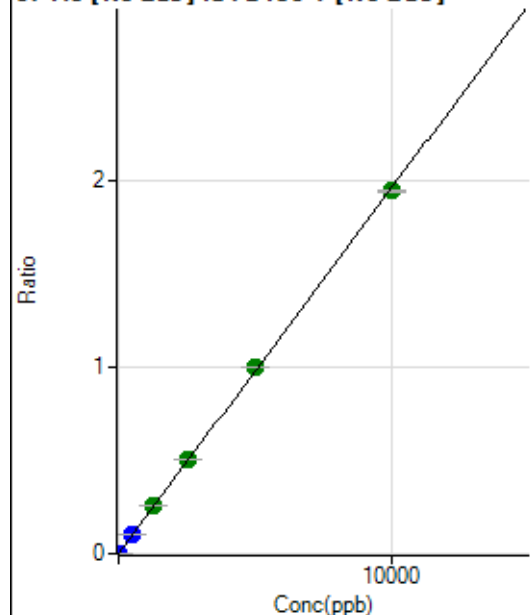
$$DL = 0.0547$$

$$BEC = 0.1511$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	353.34	0.0000	P	11.7
2	☐	5.000	4.863	12497.64	0.0010	P	4.2
3	☐	500.000	519.171	1319435.68	0.1019	P	0.6
4	☐	1250.000	1307.299	3363956.65	0.2566	A	0.5
5	☐	2500.000	2574.267	6785278.65	0.5054	A	0.7
6	☐	5000.000	5099.551	13281377.86	1.0011	A	0.9
7	☐	10000.000	9923.537	25688653.23	1.9480	A	0.7
8	☐			6034.63	0.0005	P	3.3

$$y = 1.9630\text{E-}004 * x + 2.8180\text{E-}005$$

$$R = 0.9999$$

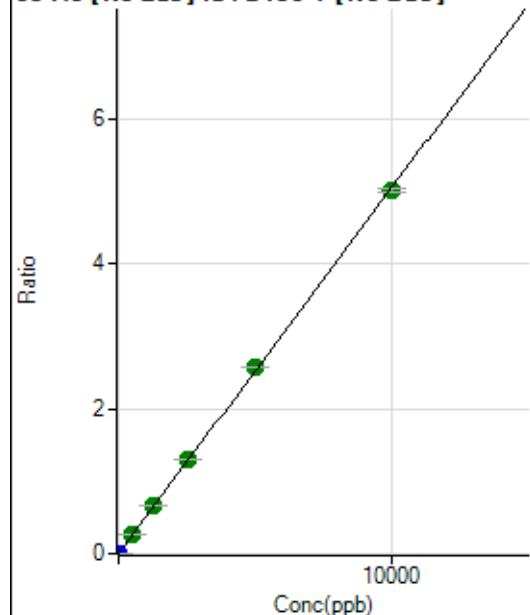
$$DL = 0.05053$$

$$BEC = 0.1436$$

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	866.70	0.0001	P	4.8
2	☐	5.000	4.846	32007.29	0.0025	P	2.2
3	☐	500.000	514.047	3361969.08	0.2597	A	0.3
4	☐	1250.000	1301.894	8620673.69	0.6577	A	1.0
5	☐	2500.000	2574.872	17464948.21	1.3008	A	1.3
6	☐	5000.000	5106.349	34224576.99	2.5796	A	0.3
7	☐	10000.000	9920.919	66090792.90	5.0117	A	0.9
8	☐			14733.08	0.0012	P	3.0

$$y = 5.0516\text{E-}004 * x + 6.9134\text{E-}005$$

$$R = 0.9999$$

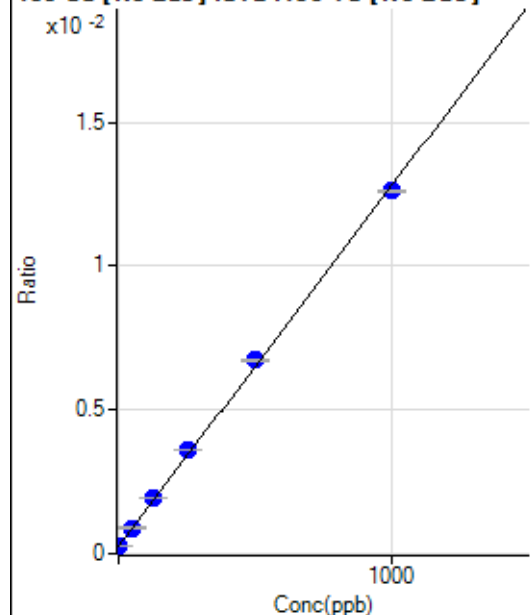
$$DL = 0.01956$$

$$BEC = 0.1369$$

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	3937.23	0.0003	P	1.3
2	☐	1.000	1.035	4193.98	0.0003	P	4.1
3	☐	50.000	51.410	14243.75	0.0009	P	2.0
4	☐	125.000	134.438	31173.50	0.0019	P	1.8
5	☐	250.000	265.879	59009.18	0.0036	P	0.5
6	☐	500.000	516.581	110369.62	0.0067	P	0.8
7	☐	1000.000	986.490	207011.10	0.0126	P	0.9
8	☐			3802.75	0.0002	P	4.5

$$y = 1.2525\text{E-}005 * x + 2.5656\text{E-}004$$

$$R = 0.9996$$

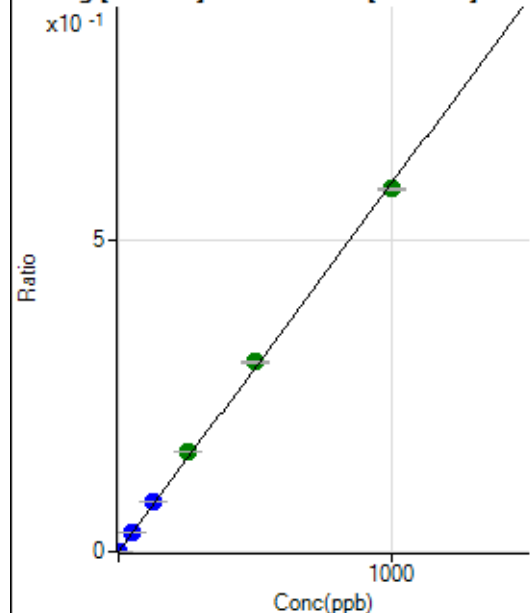
$$DL = 0.8241$$

$$BEC = 20.48$$

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	74.44	0.0000	P	24.6
2	☐	1.000	1.034	9559.90	0.0006	P	1.8
3	☐	50.000	54.185	505285.66	0.0319	P	2.1
4	☐	125.000	133.953	1268501.36	0.0790	P	1.0
5	☐	250.000	269.264	2611307.70	0.1587	A	0.1
6	☐	500.000	516.779	4997811.87	0.3046	A	1.0
7	☐	1000.000	985.466	9533856.39	0.5809	A	0.7
8	☐			1103.39	0.0001	P	7.6

$$y = 5.8942\text{E-}004 * x + 4.8503\text{E-}006$$

$$R = 0.9996$$

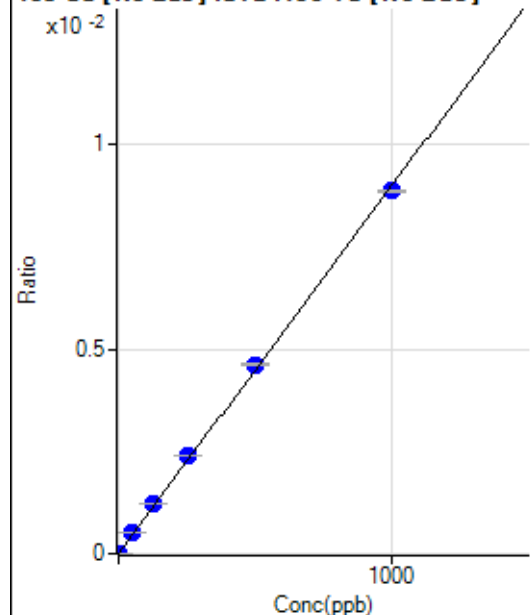
$$DL = 0.006066$$

$$BEC = 0.008229$$

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	16.67	0.0000	P	103.
2	☐	1.000	1.198	184.45	0.0000	P	13.9
3	☐	50.000	55.645	7931.12	0.0005	P	2.1
4	☐	125.000	135.664	19607.80	0.0012	P	2.7
5	☐	250.000	266.362	39414.52	0.0024	P	0.9
6	☐	500.000	514.588	75918.19	0.0046	P	1.2
7	☐	1000.000	987.000	145648.01	0.0089	P	0.8
8	☐			84.45	0.0000	P	17.8

$$y = 8.9895\text{E-}006 * x + 1.0841\text{E-}006$$

$$R = 0.9997$$

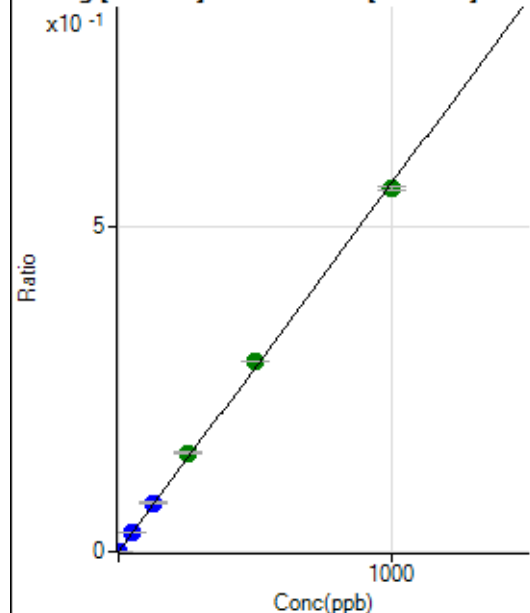
$$DL = 0.375$$

$$BEC = 0.1206$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	33.6
2	☐	1.000	1.018	8990.64	0.0006	P	1.5
3	☐	50.000	53.348	477466.15	0.0302	P	1.0
4	☐	125.000	132.720	1206252.87	0.0751	P	1.6
5	☐	250.000	268.531	2499245.23	0.1519	A	1.4
6	☐	500.000	517.692	4805520.62	0.2929	A	0.7
7	☐	1000.000	985.389	9149922.15	0.5575	A	1.0
8	☐			1055.61	0.0001	P	4.4

$$y = 5.6573\text{E-}004 * x + 1.8833\text{E-}006$$

$$R = 0.9996$$

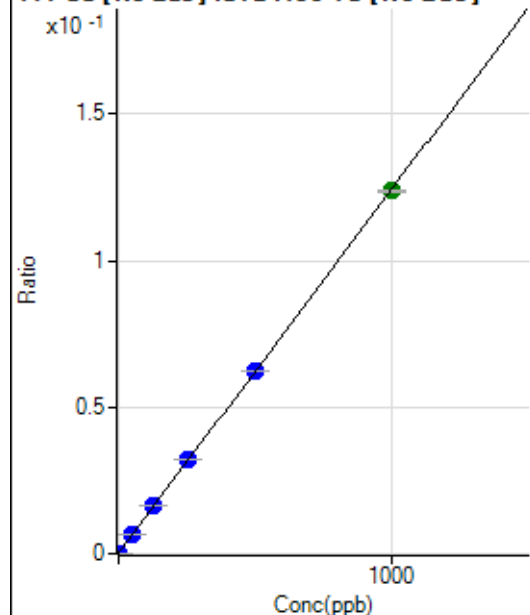
$$DL = 0.003352$$

$$BEC = 0.003329$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2767.73	0.0002	P	1.0
2	☐	1.000	1.058	4849.06	0.0003	P	2.2
3	☐	50.000	52.563	106024.19	0.0067	P	1.3
4	☐	125.000	131.214	264444.07	0.0165	P	1.2
5	☐	250.000	257.093	527779.52	0.0321	P	0.8
6	☐	500.000	501.992	1024926.90	0.0625	P	0.5
7	☐	1000.000	996.326	2032045.28	0.1238	A	0.6
8	☐			2946.15	0.0002	P	4.2

$$y = 1.2408\text{E-}004 * x + 1.8036\text{E-}004$$

$$R = 1.0000$$

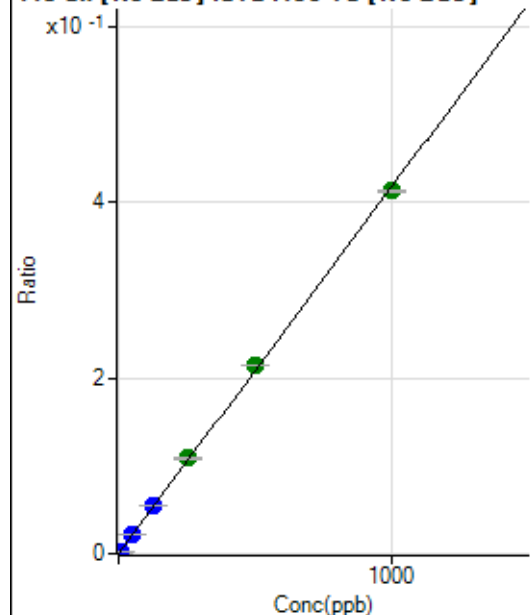
$$DL = 0.04269$$

$$BEC = 1.454$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	895.59	0.0001	P	1.0
2	☐	5.000	5.027	33508.86	0.0022	P	0.4
3	☐	50.000	53.701	354904.68	0.0224	P	0.8
4	☐	125.000	130.541	874824.12	0.0545	P	1.3
5	☐	250.000	259.719	1781433.24	0.1083	A	1.0
6	☐	500.000	514.130	3516133.38	0.2143	A	0.6
7	☐	1000.000	989.627	6769499.27	0.4124	A	0.7
8	☐			8184.60	0.0005	P	3.1

$$y = 4.1670\text{E-}004 * x + 5.8362\text{E-}005$$

$$R = 0.9998$$

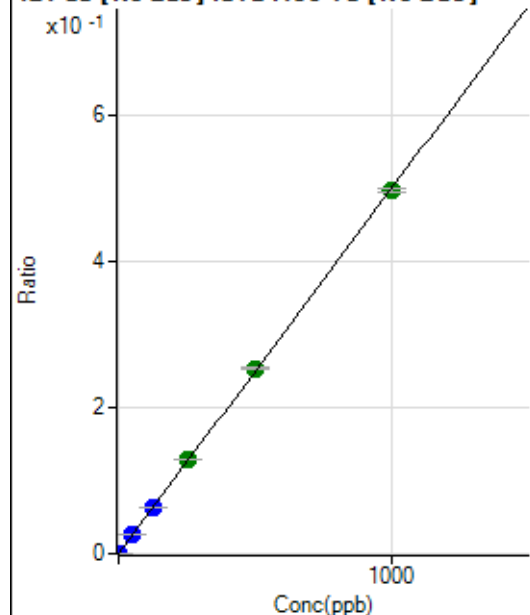
$$DL = 0.00433$$

$$BEC = 0.1401$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.34	0.0000	P	6.7
2	☐	2.000	2.039	16056.80	0.0010	P	1.5
3	☐	50.000	50.493	399862.81	0.0253	P	1.0
4	☐	125.000	126.283	1015322.53	0.0632	P	1.4
5	☐	250.000	259.505	2136631.15	0.1299	A	0.3
6	☐	500.000	507.444	4166430.28	0.2539	A	0.4
7	☐	1000.000	993.717	8161678.70	0.4973	A	1.0
8	☐			6800.57	0.0004	P	7.8

$$y = 5.0039\text{E-}004 * x + 1.1294\text{E-}005$$

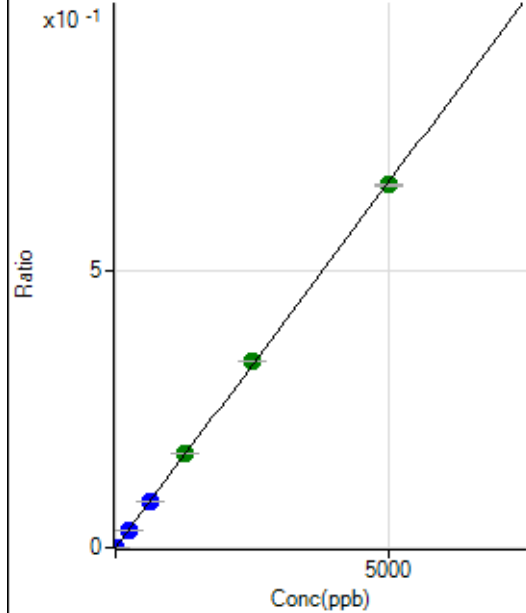
$$R = 0.9999$$

$$DL = 0.004519$$

$$BEC = 0.02257$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0000	P	7.2
2	☐	10.000	9.552	19939.60	0.0013	P	0.7
3	☐	250.000	247.145	516338.30	0.0326	P	1.5
4	☐	625.000	622.687	1320691.79	0.0822	P	1.0
5	☐	1250.000	1284.846	2790490.76	0.1696	A	0.8
6	☐	2500.000	2552.473	5528034.29	0.3369	A	0.4
7	☐	5000.000	4965.485	10757436.09	0.6554	A	0.7
8	☐			4136.21	0.0003	P	2.1

$$y = 1.3199\text{E-}004 * x + 2.0492\text{E-}005$$

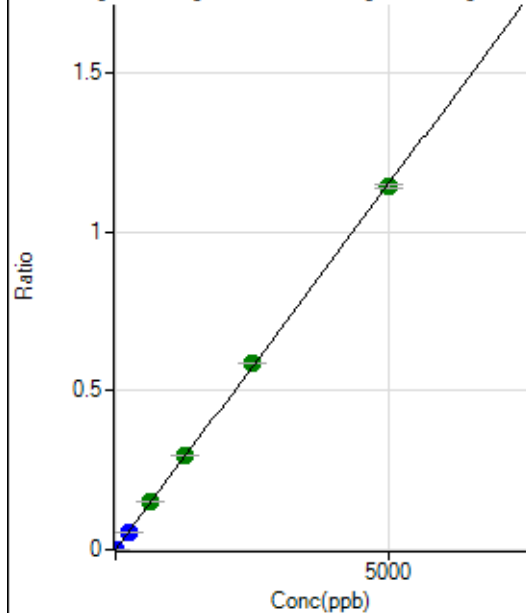
$$R = 0.9999$$

$$DL = 0.03336$$

$$BEC = 0.1553$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	551.13	0.0000	P	6.8
2	☐	10.000	9.624	34992.91	0.0022	P	0.9
3	☐	250.000	246.826	898349.14	0.0568	P	0.4
4	☐	625.000	650.016	2401620.56	0.1495	A	0.9
5	☐	1250.000	1292.715	4890553.85	0.2973	A	1.2
6	☐	2500.000	2550.345	9622198.12	0.5864	A	0.4
7	☐	5000.000	4961.181	18723810.14	1.1408	A	0.9
8	☐			7326.40	0.0005	P	1.5

$$y = 2.2993\text{E-}004 * x + 3.5911\text{E-}005$$

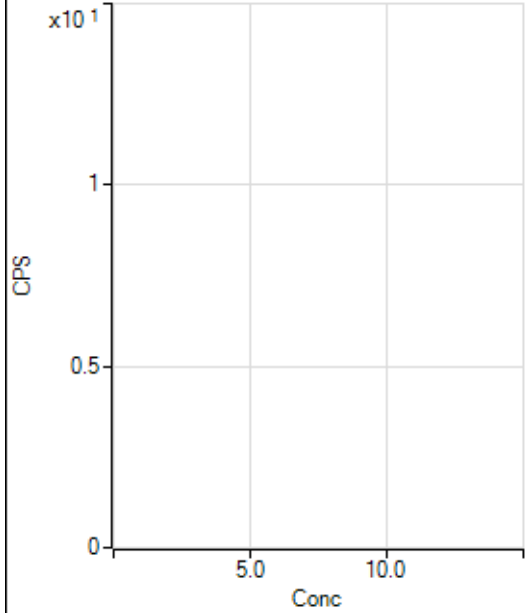
$$R = 0.9999$$

$$DL = 0.03177$$

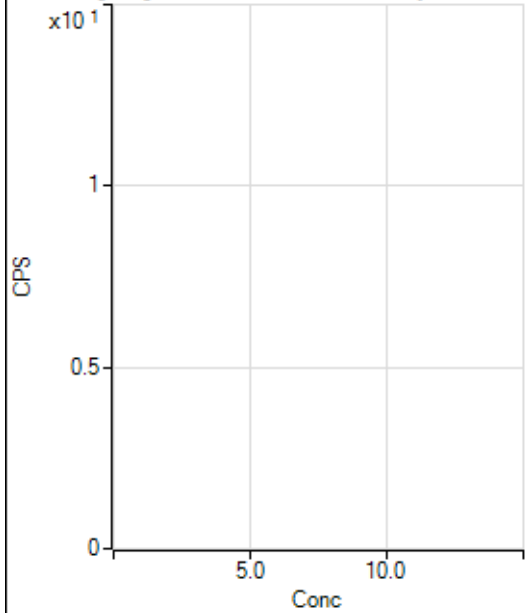
$$BEC = 0.1562$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	19.9
2	☐			41.11		P	41.6
3	☐			55.55		P	12.5
4	☐			84.45		P	19.9
5	☐			173.34		P	10.0
6	☐			325.56		P	13.4
7	☐			534.46		P	4.4
8	☐			764.48		P	9.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			7.78		P	49.5
3	☐			12.22		P	41.7
4	☐			22.22		P	34.7
5	☐			34.44		P	40.3
6	☐			76.66		P	19.9
7	☐			124.45		P	13.7
8	☐			437.79		P	15.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			338.90		P	10.6
2	☐			280.01		P	9.0
3	☐			298.90		P	21.3
4	☐			311.12		P	3.8
5	☐			348.90		P	15.6
6	☐			347.79		P	7.7
7	☐			436.68		P	4.0
8	☐			494.46		P	7.2

156 Dy [He] No available calibration points

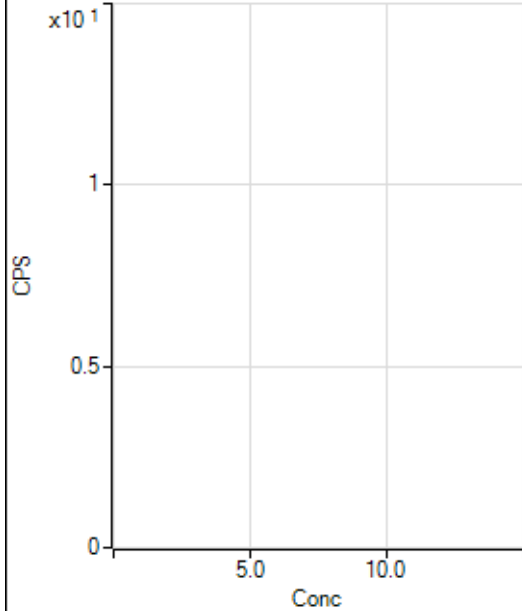
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.44		P	13.0
2	☐			47.78		P	10.7
3	☐			77.78		P	5.0
4	☐			106.67		P	3.1
5	☐			157.78		P	11.6
6	☐			292.23		P	9.7
7	☐			543.35		P	4.8
8	☐			313.34		P	12.9

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

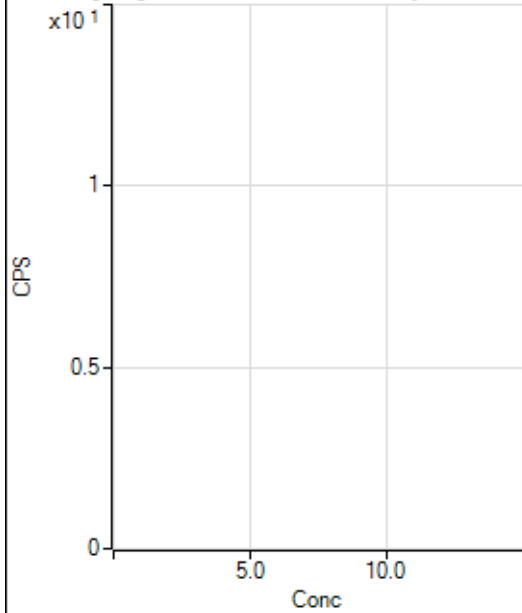
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.55		P	30.0
2	☐			67.78		P	22.2
3	☐			67.78		P	7.5
4	☐			73.34		P	31.5
5	☐			92.22		P	8.4
6	☐			97.78		P	18.8
7	☐			137.78		P	3.7
8	☐			347.79		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			616.69		P	6.6
2	☐			581.13		P	4.6
3	☐			624.47		P	5.7
4	☐			623.35		P	1.9
5	☐			643.36		P	5.8
6	☐			631.13		P	3.4
7	☐			656.69		P	8.4
8	☐			828.92		P	7.1

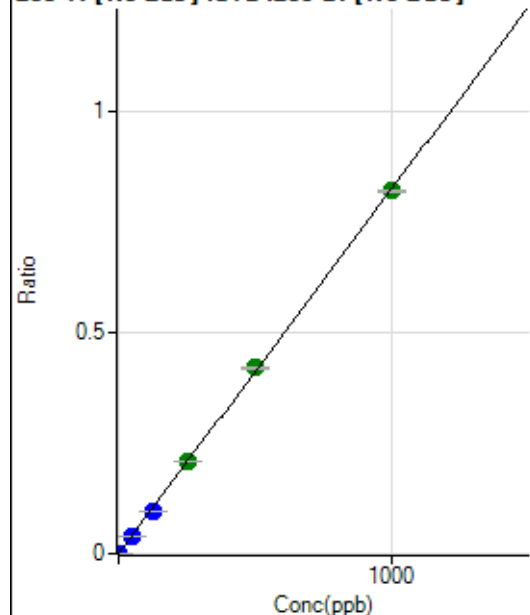
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	31.9
2	☐			121.11		P	5.7
3	☐			128.89		P	26.9
4	☐			134.45		P	18.9
5	☐			121.11		P	15.9
6	☐			154.45		P	34.1
7	☐			192.23		P	2.6
8	☐			663.36		P	4.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.55		P	10.6
2	☐			88.89		P	13.2
3	☐			61.11		P	13.7
4	☐			84.44		P	9.9
5	☐			95.55		P	14.1
6	☐			87.78		P	13.3
7	☐			134.45		P	23.6
8	☐			446.68		P	7.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	12.3
2	☐	1.000	0.876	6924.03	0.0007	P	2.3
3	☐	50.000	45.620	358041.02	0.0376	P	0.4
4	☐	125.000	115.477	919517.92	0.0952	P	1.0
5	☐	250.000	252.204	2055337.54	0.2078	A	1.1
6	☐	500.000	510.601	4105941.54	0.4207	A	0.8
7	☐	1000.000	995.558	7938254.95	0.8204	A	0.6
8	☐			921.15	0.0001	P	19.0

$$y = 8.2400\text{E-}004 * x + 1.3289\text{E-}005$$

$$R = 0.9999$$

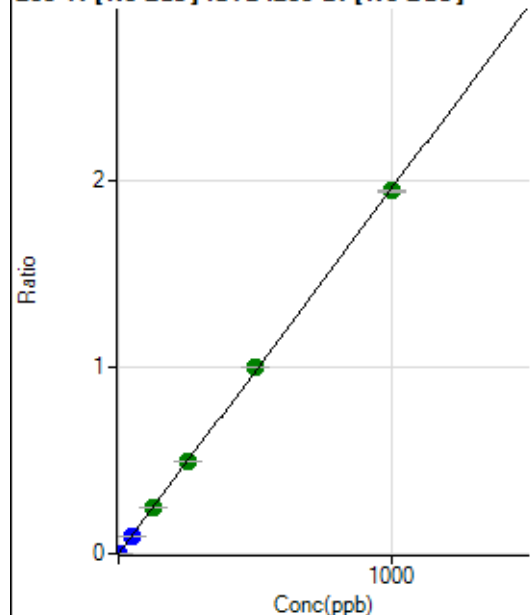
$$DL = 0.005935$$

$$BEC = 0.01613$$

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	270.00	0.0000	P	4.4
2	☐	1.000	0.876	16431.12	0.0017	P	1.3
3	☐	50.000	45.705	852240.50	0.0895	P	0.2
4	☐	125.000	126.250	2388458.07	0.2472	A	0.3
5	☐	250.000	252.753	4893851.56	0.4948	A	1.0
6	☐	500.000	510.131	9746072.50	0.9987	A	0.3
7	☐	1000.000	994.305	18837105.97	1.9466	A	0.6
8	☐			2186.87	0.0003	P	11.9

$$y = 0.0020 * x + 2.9358\text{E-}005$$

$$R = 0.9999$$

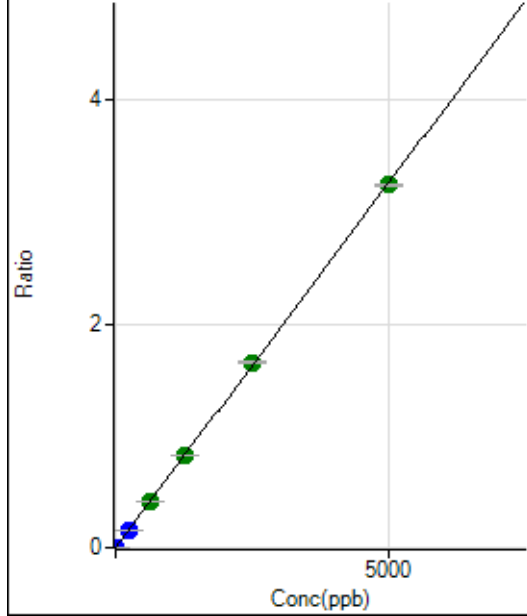
$$DL = 0.001965$$

$$BEC = 0.015$$

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	1162.28	0.0001	P	1.1
2	☐	1.000	0.888	6631.69	0.0007	P	5.6
3	☐	250.000	232.337	1442286.66	0.1515	P	0.3
4	☐	625.000	639.348	4025421.67	0.4166	A	0.9
5	☐	1250.000	1258.753	8110808.63	0.8201	A	0.2
6	☐	2500.000	2539.097	16142259.90	1.6541	A	0.7
7	☐	5000.000	4977.353	31377352.59	3.2425	A	0.6
8	☐			12989.67	0.0015	P	9.8

$$y = 6.5142\text{E-}004 * x + 1.2637\text{E-}004$$

$$R = 0.9999$$

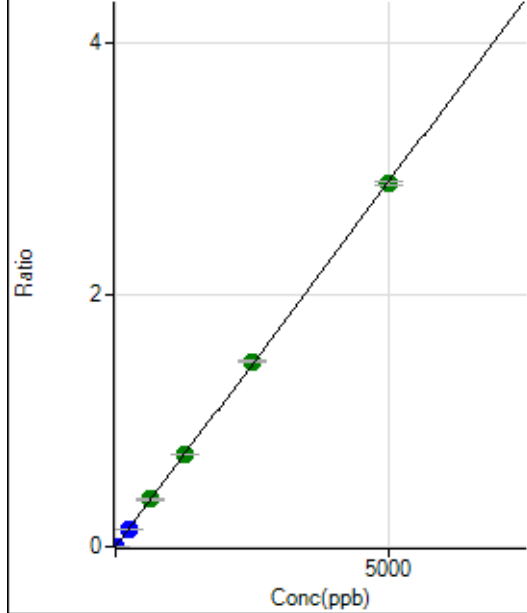
$$DL = 0.006664$$

$$BEC = 0.194$$

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	1005.60	0.0001	P	2.5
2	☐	1.000	0.853	5681.24	0.0006	P	1.2
3	☐	250.000	228.373	1259889.31	0.1323	P	0.3
4	☐	625.000	646.078	3615112.97	0.3741	A	0.5
5	☐	1250.000	1263.687	7236669.27	0.7317	A	0.9
6	☐	2500.000	2542.465	14365187.29	1.4720	A	0.9
7	☐	5000.000	4973.792	27864550.14	2.8796	A	1.2
8	☐			11320.37	0.0013	P	6.8

$$y = 5.7894\text{E-}004 * x + 1.0934\text{E-}004$$

$$R = 0.9999$$

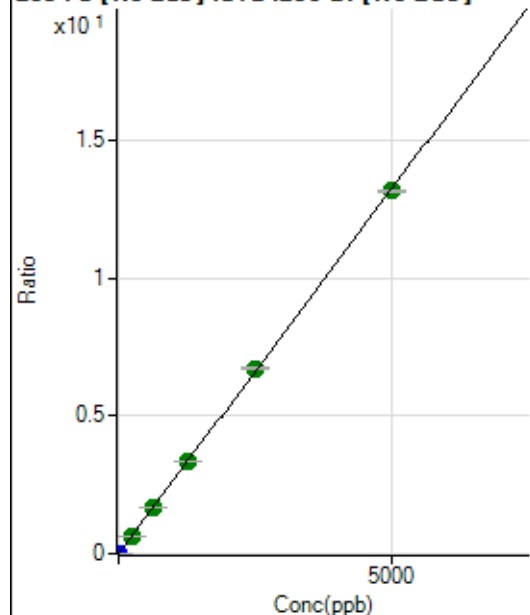
$$DL = 0.01407$$

$$BEC = 0.1889$$

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	4843.73	0.0005	P	0.7
2	☐	1.000	0.849	26138.93	0.0028	P	1.3
3	☐	250.000	243.007	6135965.47	0.6444	A	0.1
4	☐	625.000	642.022	16442734.30	1.7017	A	0.6
5	☐	1250.000	1264.772	33150002.63	3.3518	A	0.5
6	☐	2500.000	2538.973	65657895.55	6.7281	A	0.7
7	☐	5000.000	4975.043	127568485.6	13.1831	A	0.8
8	☐			52016.25	0.0061	P	8.7

$$y = 0.0026 * x + 5.2665E-004$$

$$R = 0.9999$$

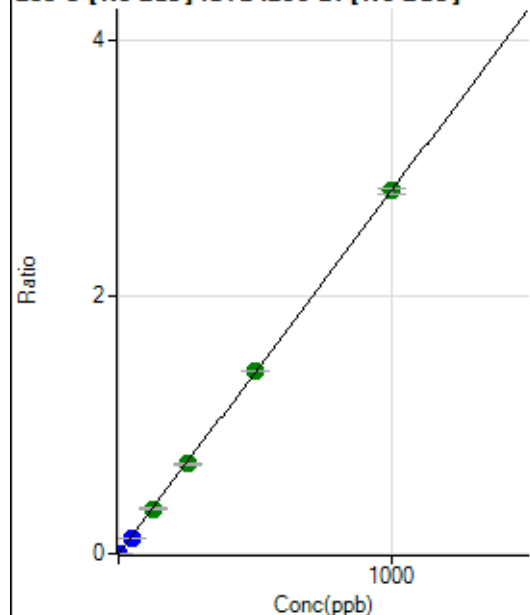
$$DL = 0.004094$$

$$BEC = 0.1988$$

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	140.00	0.0000	P	17.2
2	☐	1.000	0.849	22730.58	0.0024	P	0.1
3	☐	50.000	43.769	1177745.02	0.1237	P	0.3
4	☐	125.000	124.411	3397141.76	0.3516	A	0.6
5	☐	250.000	246.739	6895228.16	0.6972	A	1.3
6	☐	500.000	502.566	13858664.10	1.4201	A	0.5
7	☐	1000.000	999.918	27341359.03	2.8255	A	1.2
8	☐			1372.31	0.0002	P	8.4

$$y = 0.0028 * x + 1.5224E-005$$

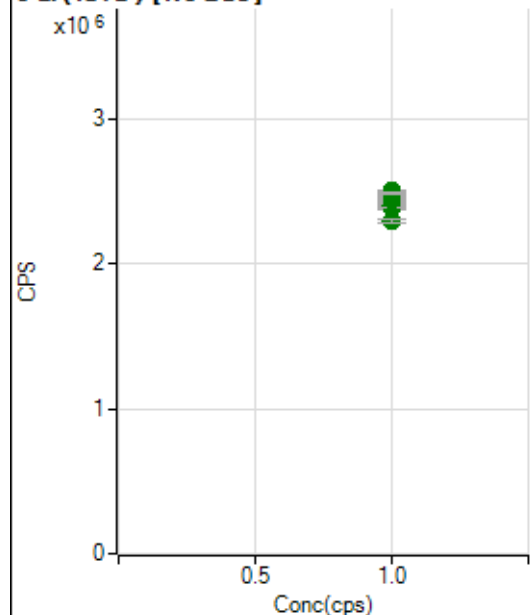
$$R = 1.0000$$

$$DL = 0.002786$$

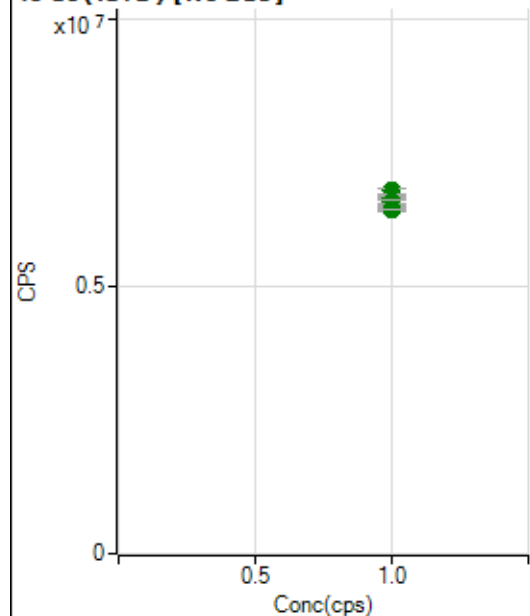
$$BEC = 0.005388$$

Weight: <None>

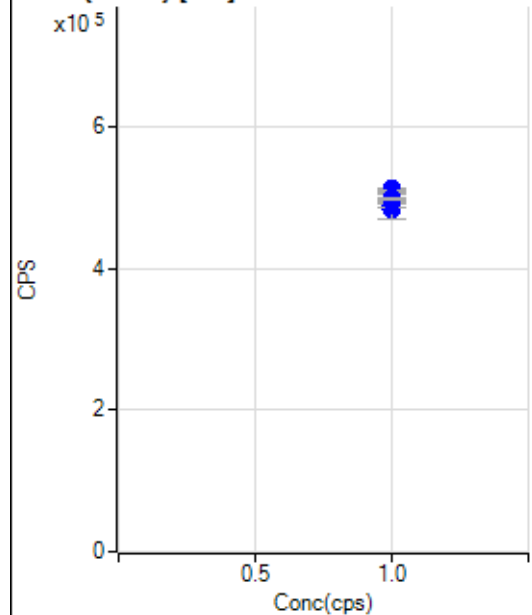
Min Conc: 0

6 Li (ISTD) [No Gas]

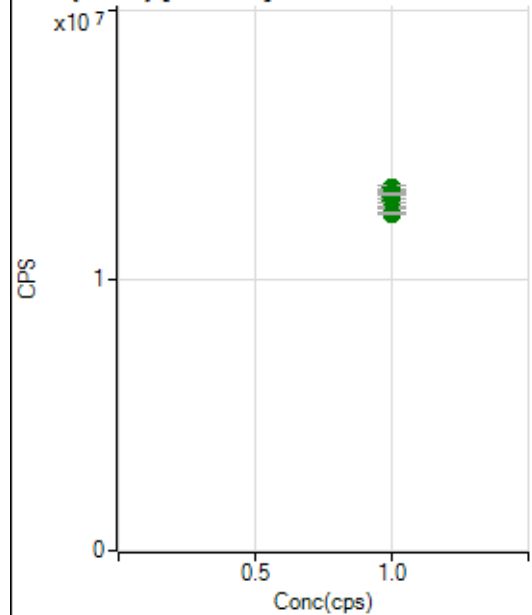
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2386604.18		A	0.9
2	☐	1.000		2402760.88		A	1.5
3	☐	1.000		2438427.79		A	1.0
4	☐	1.000		2461970.01		A	0.4
5	☐	1.000		2475337.51		A	0.7
6	☐	1.000		2506111.70		A	0.4
7	☐	1.000		2490819.23		A	0.5
8	☐	1.000		2300177.92		A	0.8

45 Sc (ISTD) [No Gas]

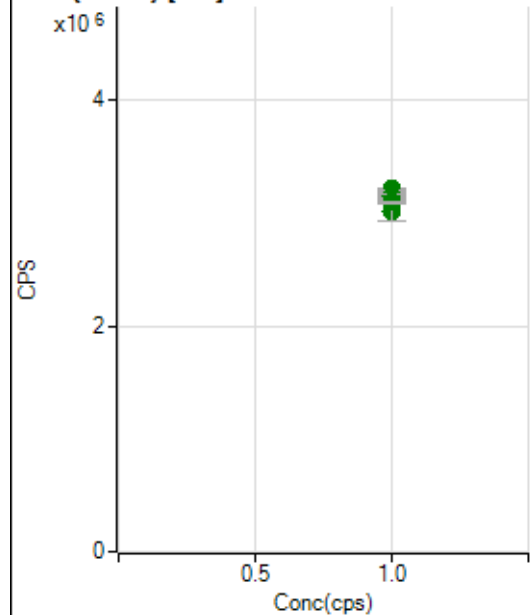
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6436676.78		A	1.3
2	☐	1.000		6503159.21		A	0.3
3	☐	1.000		6607647.54		A	1.4
4	☐	1.000		6655150.46		A	1.2
5	☐	1.000		6793001.50		A	1.3
6	☐	1.000		6716648.58		A	0.6
7	☐	1.000		6577050.46		A	0.9
8	☐	1.000		6447822.68		A	0.3

45 Sc (ISTD) [He]

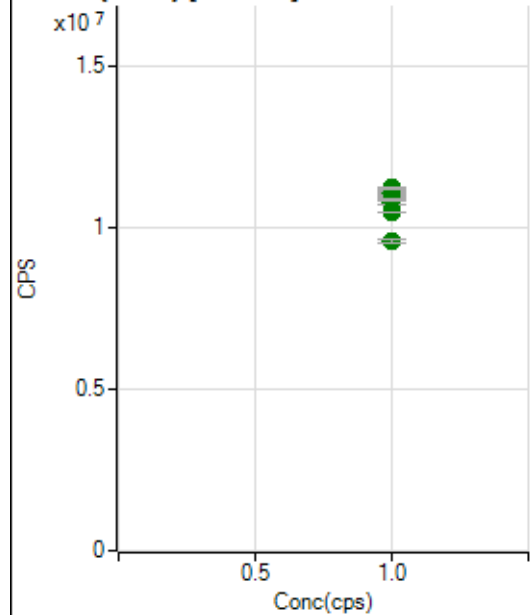
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		483924.08		P	5.3
2	☐	1.000		496626.04		P	0.8
3	☐	1.000		506731.59		P	0.2
4	☐	1.000		512787.62		P	0.4
5	☐	1.000		510474.79		P	0.5
6	☐	1.000		489925.85		P	1.0
7	☐	1.000		494903.41		P	0.5
8	☐	1.000		499623.74		P	0.5

89 Y (ISTD) [No Gas]

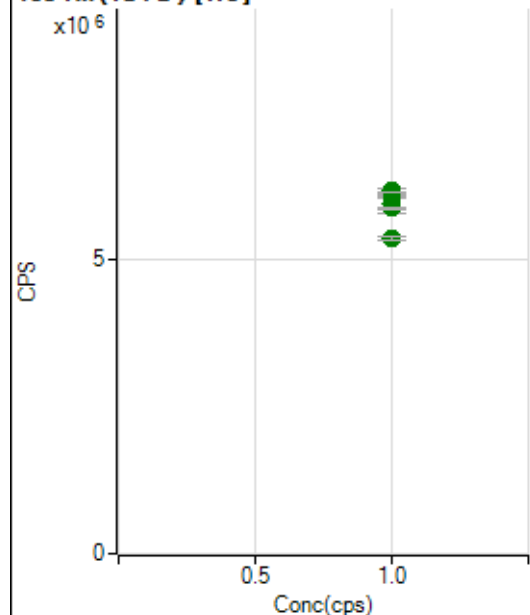
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12537878.98		A	0.3
2	☐	1.000		12716939.81		A	0.4
3	☐	1.000		12943124.81		A	0.8
4	☐	1.000		13106764.39		A	1.0
5	☐	1.000		13427190.91		A	1.0
6	☐	1.000		13267322.86		A	0.3
7	☐	1.000		13186899.80		A	0.4
8	☐	1.000		12487038.42		A	0.3

89 Y(ISTD) [He]

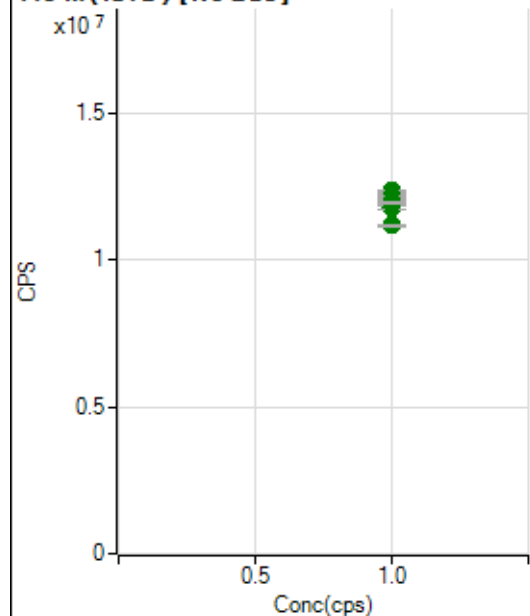
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3013522.45		A	5.6
2	☐	1.000		3111568.11		A	0.4
3	☐	1.000		3143226.59		A	0.9
4	☐	1.000		3217531.13		A	0.2
5	☐	1.000		3195800.61		A	0.3
6	☐	1.000		3131614.12		A	1.2
7	☐	1.000		3151741.73		A	0.8
8	☐	1.000		3095793.22		A	0.9

103 Rh(ISTD) [No Gas]

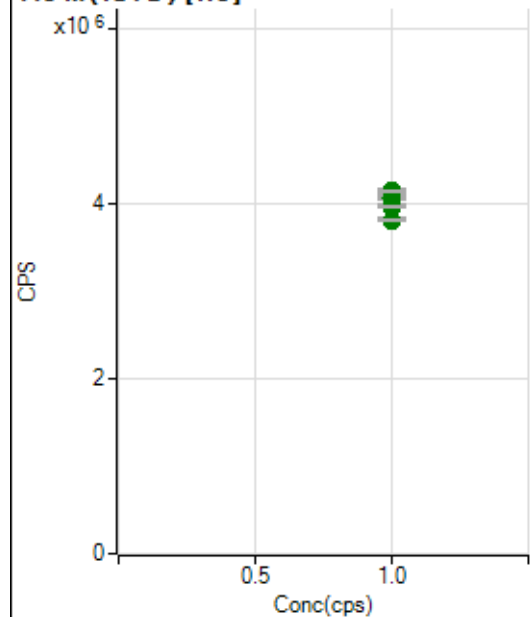
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10775986.64		A	0.9
2	☐	1.000		11013739.28		A	0.7
3	☐	1.000		10929295.25		A	0.7
4	☐	1.000		11082246.50		A	0.7
5	☐	1.000		11238999.28		A	0.5
6	☐	1.000		10871957.89		A	1.0
7	☐	1.000		10470622.07		A	0.3
8	☐	1.000		9591167.01		A	0.9

103 Rh (ISTD) [He]

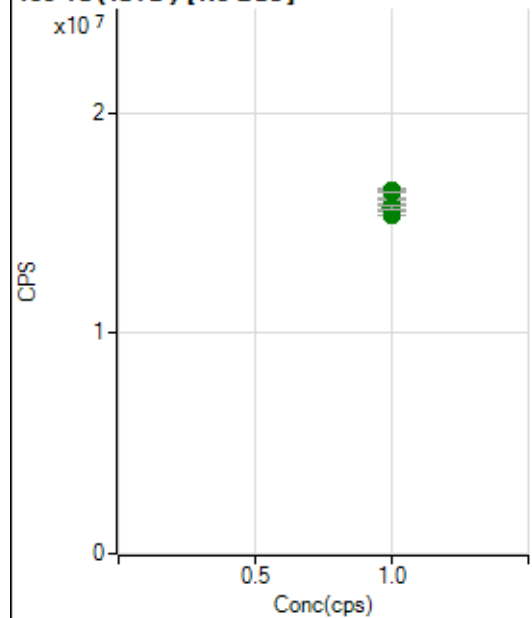
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5947655.54		A	6.0
2	☐	1.000		6070125.40		A	0.8
3	☐	1.000		6120865.53		A	0.4
4	☐	1.000		6165078.93		A	1.4
5	☐	1.000		6144989.91		A	0.4
6	☐	1.000		5880838.32		A	0.4
7	☐	1.000		5872586.30		A	0.4
8	☐	1.000		5358178.60		A	0.8

115 In (ISTD) [No Gas]

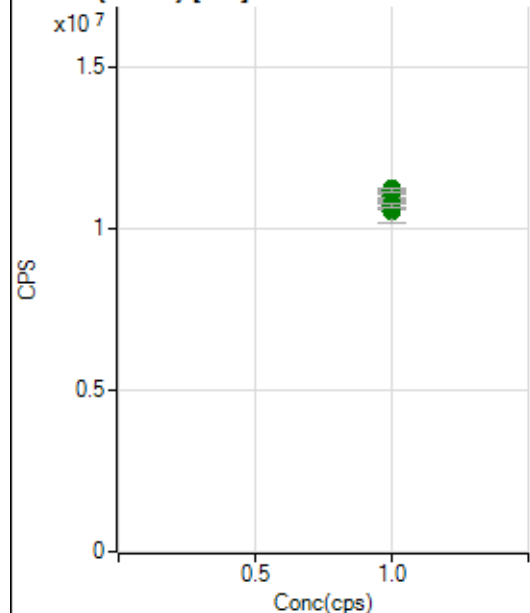
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11781935.53		A	0.8
2	☐	1.000		11956543.51		A	0.7
3	☐	1.000		12122494.50		A	1.2
4	☐	1.000		12307747.87		A	0.7
5	☐	1.000		12361130.74		A	0.5
6	☐	1.000		12176690.95		A	0.5
7	☐	1.000		11975272.12		A	0.4
8	☐	1.000		11192855.73		A	0.6

115 In (ISTD) [He]

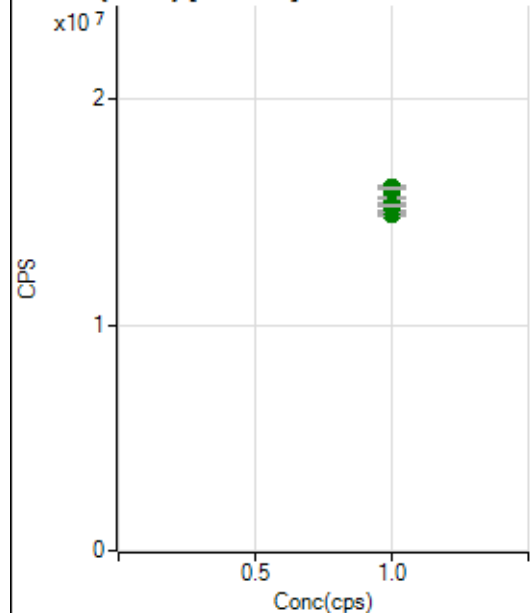
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3957161.77		A	5.8
2	☐	1.000		4066618.09		A	0.6
3	☐	1.000		4097939.02		A	0.4
4	☐	1.000		4148197.21		A	1.3
5	☐	1.000		4136063.62		A	0.7
6	☐	1.000		3990438.19		A	0.7
7	☐	1.000		3972254.54		A	0.2
8	☐	1.000		3811826.97		A	0.5

159 Tb (ISTD) [No Gas]

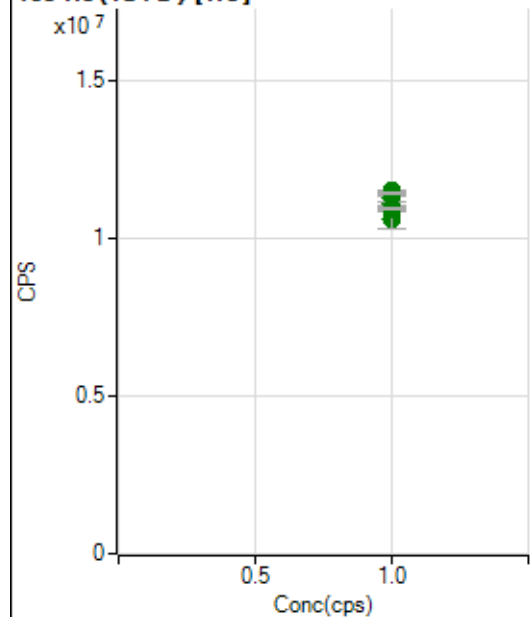
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15345665.88		A	0.3
2	☐	1.000		15561964.35		A	0.3
3	☐	1.000		15819396.71		A	0.8
4	☐	1.000		16065544.76		A	0.8
5	☐	1.000		16452814.06		A	1.0
6	☐	1.000		16407805.45		A	0.5
7	☐	1.000		16413482.40		A	0.1
8	☐	1.000		15660844.07		A	1.0

159 Tb (ISTD) [He]

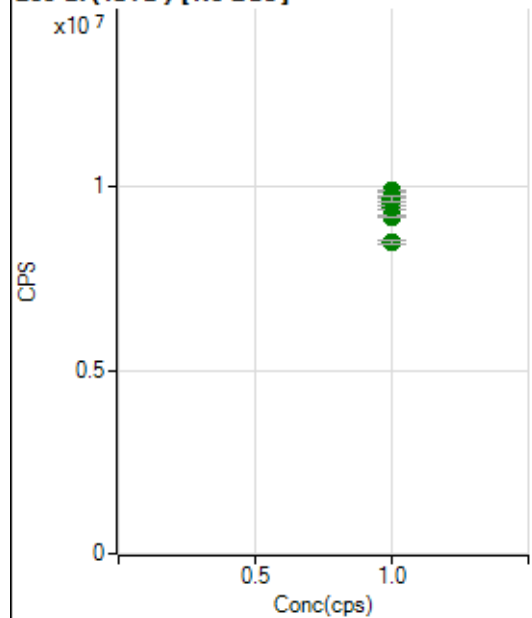
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10529553.04		A	6.3
2	☐	1.000		10628526.58		A	0.4
3	☐	1.000		10939185.81		A	0.8
4	☐	1.000		11025009.14		A	1.2
5	☐	1.000		11240594.42		A	0.5
6	☐	1.000		11118180.67		A	0.5
7	☐	1.000		11195754.83		A	0.7
8	☐	1.000		10729171.51		A	0.8

165 Ho (ISTD) [No Gas]

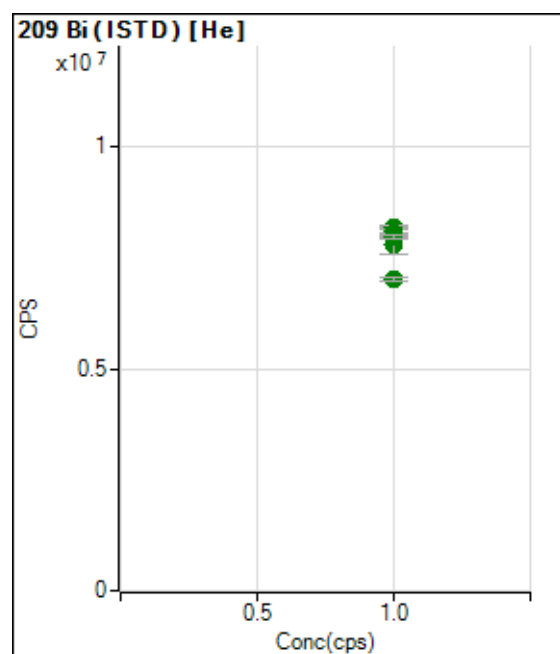
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14890166.44		A	0.4
2	☐	1.000		15055201.03		A	0.6
3	☐	1.000		15354051.71		A	1.2
4	☐	1.000		15632689.07		A	0.8
5	☐	1.000		16027591.84		A	0.4
6	☐	1.000		16080593.51		A	1.2
7	☐	1.000		16082683.79		A	0.6
8	☐	1.000		15279420.05		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10621249.15		A	5.8
2	☐	1.000		10900890.53		A	0.5
3	☐	1.000		11106351.36		A	0.7
4	☐	1.000		11304460.52		A	2.0
5	☐	1.000		11519281.49		A	0.5
6	☐	1.000		11383057.19		A	0.4
7	☐	1.000		11454689.55		A	0.2
8	☐	1.000		10956452.61		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9197204.17		A	0.1
2	☐	1.000		9415577.57		A	1.0
3	☐	1.000		9521469.03		A	1.2
4	☐	1.000		9662463.47		A	1.0
5	☐	1.000		9890105.06		A	0.8
6	☐	1.000		9758656.38		A	0.1
7	☐	1.000		9677101.11		A	1.2
8	☐	1.000		8507577.86		A	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7806164.81		A	5.9
2	☐	1.000		7976233.56		A	1.6
3	☐	1.000		8023594.74		A	0.8
4	☐	1.000		8116888.07		A	1.7
5	☐	1.000		8175376.75		A	1.1
6	☐	1.000		8041132.31		A	0.8
7	☐	1.000		7983704.95		A	0.9
8	☐	1.000		7014136.56		A	1.1