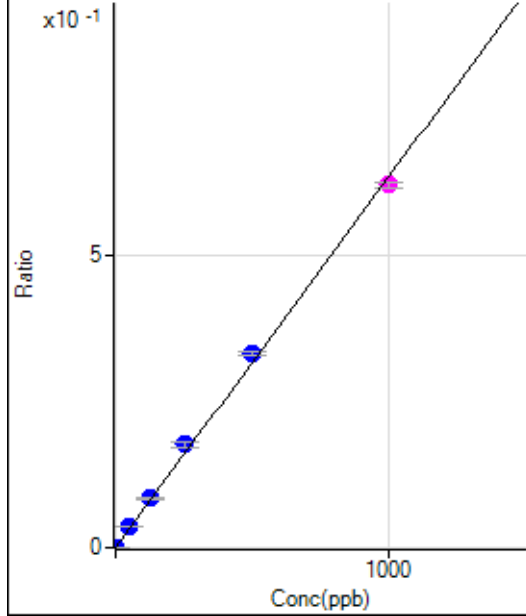


Calibration for 087SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7011824 MS.b\
 Analysis File: P7011824 MS.batch.bin
 DA Date-Time: 2024-01-18 22:22:11
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-01-18 12:59:01
2	005CALS.d	S02	2024-01-18 13:02:19
3	006CALS.d	S03	2024-01-18 13:05:39
4	007CALS.d	S04	2024-01-18 13:08:46
5	008CALS.d	S05	2024-01-18 13:11:45
6	009CALS.d	S06	2024-01-18 13:14:38
7	012CALS.d	S07	2024-01-18 13:23:38
8	013CALS.d	S08	2024-01-18 13:26:24

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	121.11	0.0001	P	15.2
2	☐	1.000	1.024	1355.63	0.0007	P	3.8
3	☐	50.000	56.178	66989.95	0.0357	P	1.2
4	☐	125.000	133.496	159216.16	0.0848	P	3.2
5	☐	250.000	278.200	302882.50	0.1766	P	6.3
6	☐	500.000	524.490	578327.44	0.3330	P	1.5
7	☐	1000.000	979.334	1032018.88	0.6216	M	1.7
8	☐			546.68	0.0004	P	8.7

$$y = 6.3469\text{E-}004 * x + 6.3075\text{E-}005$$

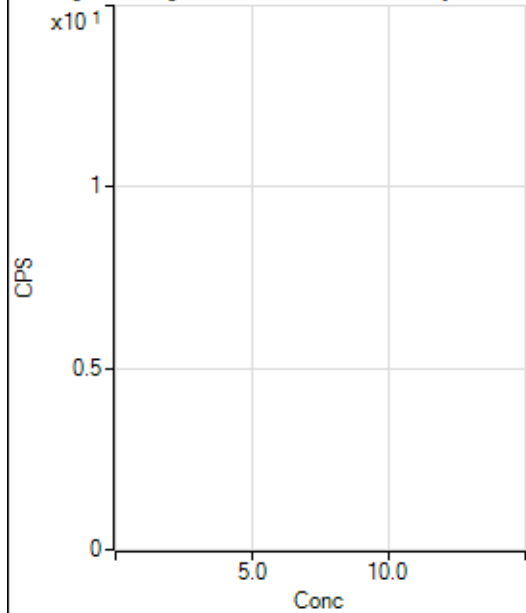
$$R = 0.9991$$

$$DL = 0.04528$$

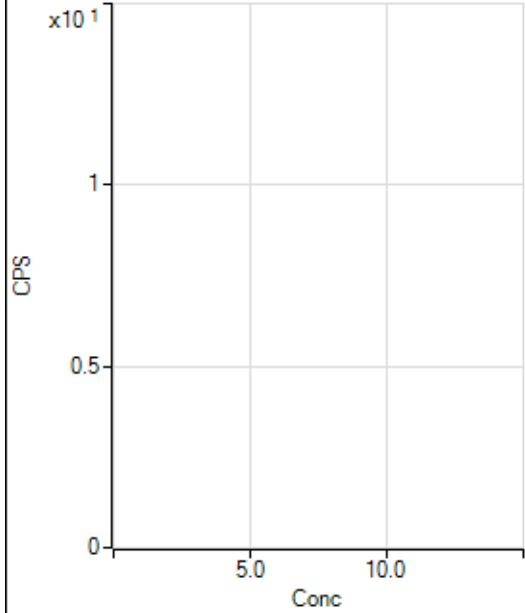
$$BEC = 0.09938$$

Weight: <None>

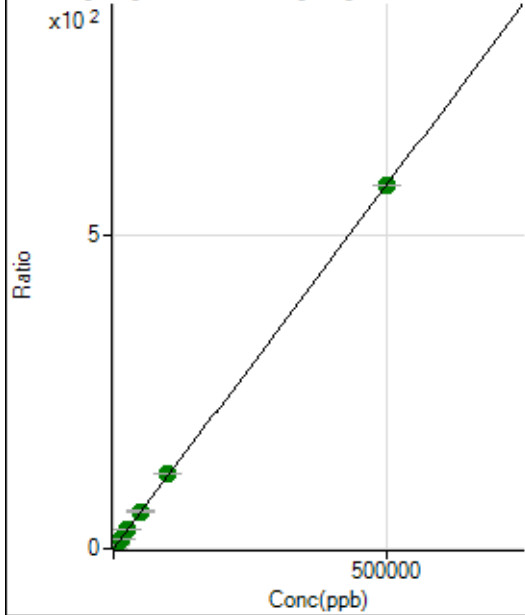
Min Conc: 0

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	☐						

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	13903.04	0.0425	P	2.1
2	☐	500.000	521.571	206984.61	0.6455	P	0.3
3	☐	5000.000	5231.382	1899847.47	6.0906	A	1.3
4	☐	12500.000	13158.395	4560377.92	15.2551	A	1.3
5	☐	25000.000	25961.536	8845819.31	30.0570	A	0.6
6	☐	50000.000	51546.504	17294370.02	59.6362	A	1.8
7	☐	100000.00	103428.84	32439912.85	119.6181	A	0.3
8	☐	500000.00	499092.70	147027602.2	577.0508	A	0.1

$$y = 0.0012 * x + 0.0425$$

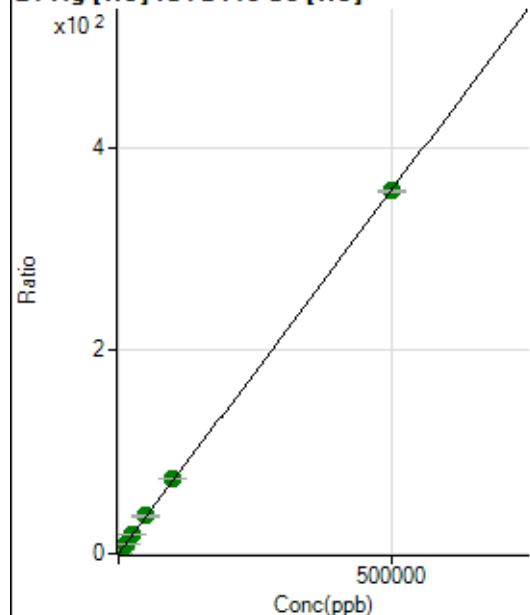
$$R = 1.0000$$

$$DL = 2.318$$

$$BEC = 36.77$$

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	453.35	0.0014	P	6.6
2	☐	500.000	526.264	121353.39	0.3785	P	0.6
3	☐	5000.000	5290.309	1182866.83	3.7919	A	0.2
4	☐	12500.000	13387.888	2868073.88	9.5939	A	1.1
5	☐	25000.000	25924.531	5467108.11	18.5766	A	0.7
6	☐	50000.000	51782.915	10760553.45	37.1043	A	1.5
7	☐	100000.00	103314.16	20075918.03	74.0270	A	0.7
8	☐	500000.00	499087.52	91112454.20	357.6025	A	0.8

$$y = 7.1651\text{E-}004 * x + 0.0014$$

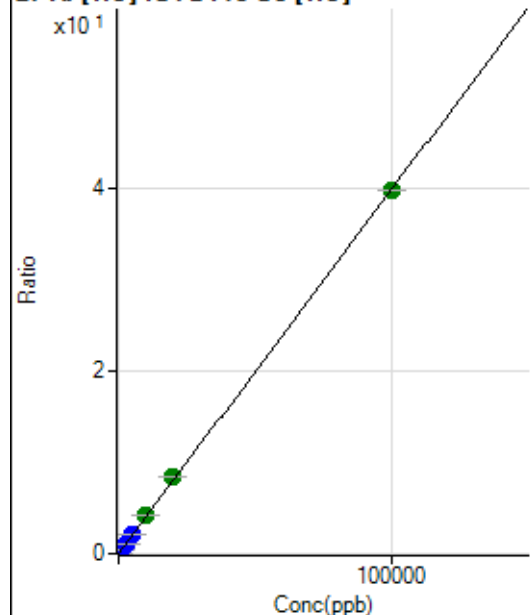
$$R = 1.0000$$

$$DL = 0.3854$$

$$BEC = 1.933$$

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	118.89	0.0004	P	21.9
2	☐	20.000	20.987	2794.72	0.0087	P	0.9
3	☐	1000.000	1116.014	138669.39	0.4445	P	0.8
4	☐	2500.000	2774.102	330182.18	1.1045	P	0.8
5	☐	5000.000	5421.498	635147.22	2.1581	P	0.8
6	☐	10000.000	10645.583	1229057.36	4.2374	A	0.4
7	☐	20000.000	21289.777	2298046.55	8.4738	A	0.7
8	☐	100000.00	99648.399	10105263.88	39.6609	A	0.1

$$y = 3.9800\text{E-}004 * x + 3.6275\text{E-}004$$

$$R = 0.9999$$

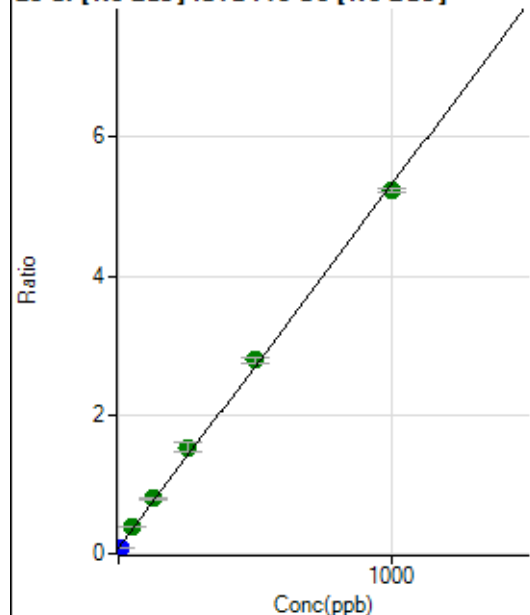
$$DL = 0.5997$$

$$BEC = 0.9114$$

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	333075.47	0.0837	P	1.1
2	☐	10.000	0.791	349127.49	0.0879	P	3.2
3	☐	50.000	59.651	1516050.93	0.3957	A	2.9
4	☐	125.000	135.390	3007654.75	0.7918	A	2.6
5	☐	250.000	276.285	5255963.19	1.5286	A	8.5
6	☐	500.000	517.311	9762952.35	2.7891	A	3.4
7	☐	1000.000	983.084	17444575.02	5.2251	A	1.2
8	☐			1041877.19	0.3243	P	9.2

$$y = 0.0052 * x + 0.0837$$

$$R = 0.9992$$

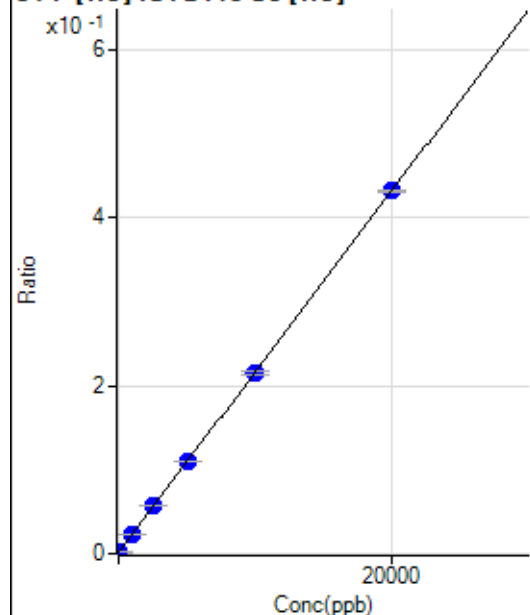
$$DL = 0.5391$$

$$BEC = 16.01$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.464	357.78	0.0011	P	11.9
2	☐	0.000	13.464	536.68	0.0017	P	3.4
3	☐	1000.000	1026.025	7317.38	0.0235	P	1.2
4	☐	2500.000	2579.497	17005.11	0.0569	P	2.1
5	☐	5000.000	5040.757	32324.09	0.1098	P	1.7
6	☐	10000.000	9948.049	62473.31	0.2154	P	1.5
7	☐	20000.000	20004.548	117096.39	0.4318	P	0.5
8	☐			374.45	0.0015	P	13.3

$$y = 2.1515E-005 * x + 0.0014$$

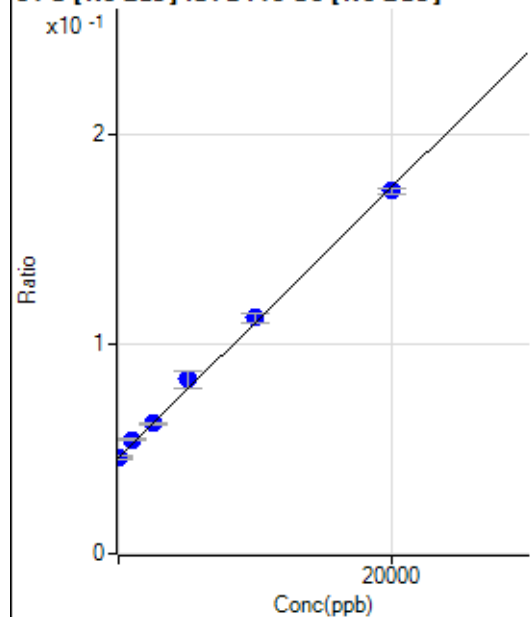
$$R = 1.0000$$

$$DL = 13.07$$

$$BEC = 64.33$$

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	14.632	184078.57	0.0463	P	0.4
2	☐	0.000	-14.632	183113.87	0.0461	P	3.0
3	☐	1000.000	1281.622	208675.56	0.0545	P	1.6
4	☐	2500.000	2474.016	236141.18	0.0622	P	2.3
5	☐	5000.000	5726.939	285905.28	0.0832	P	9.2
6	☐	10000.000	10279.599	394146.54	0.1126	P	3.7
7	☐	20000.000	19667.633	578517.65	0.1733	P	1.5
8	☐			135714.85	0.0422	P	0.9

$$y = 6.4631\text{E-}006 * x + 0.0462$$

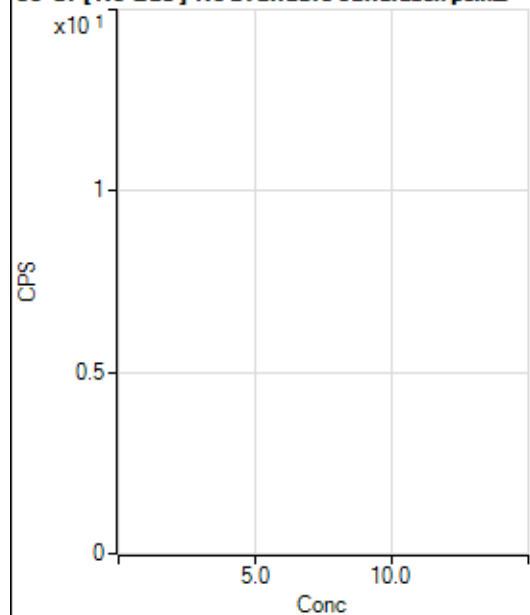
$$R = 0.9990$$

$$DL = 367.5$$

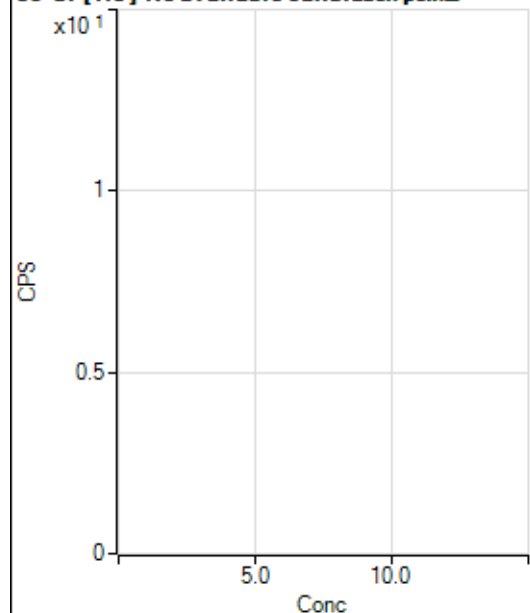
$$BEC = 7144$$

Weight: <None>

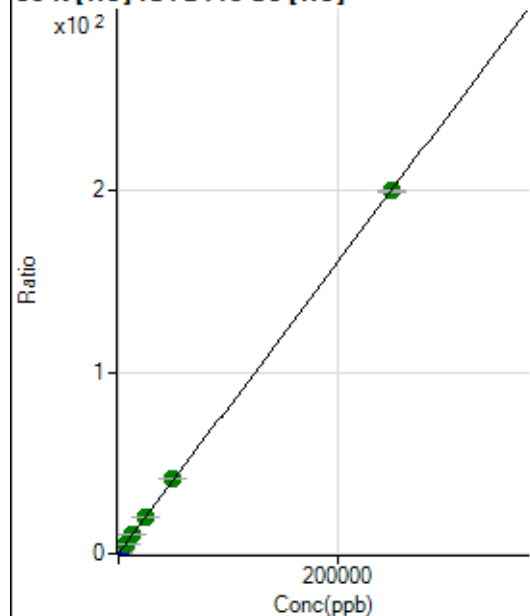
Min Conc: 0

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	42394.41	0.1296	P	1.2
2	☐	500.000	526.507	176575.97	0.5507	P	0.6
3	☐	2500.000	2779.203	733763.36	2.3522	P	0.1
4	☐	6250.000	6559.777	1606991.68	5.3757	A	1.5
5	☐	12500.000	12755.982	3040419.68	10.3310	A	0.5
6	☐	25000.000	25365.935	5921093.31	20.4156	A	1.0
7	☐	50000.000	51685.634	11244890.52	41.4644	A	0.7
8	☐	250000.00	249602.89	50892850.91	199.7455	A	0.5

$$y = 7.9973\text{E-}004 * x + 0.1296$$

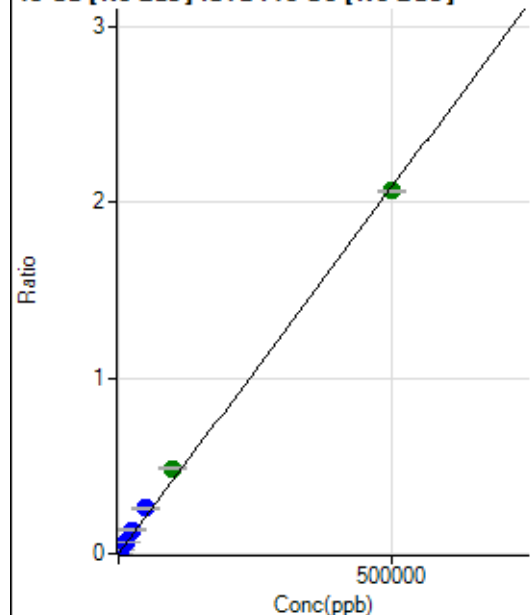
$$R = 1.0000$$

$$DL = 5.661$$

$$BEC = 162.1$$

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	428.90	0.0001	P	15.7
2	☐	500.000	535.019	9298.48	0.0023	P	1.9
3	☐	5000.000	6333.317	101633.82	0.0265	P	2.1
4	☐	12500.000	15342.884	243497.90	0.0641	P	2.4
5	☐	25000.000	32266.104	462946.87	0.1347	P	9.0
6	☐	50000.000	61876.600	903856.71	0.2582	P	2.6
7	☐	100000.00	115944.29	1614766.89	0.4837	A	1.8
8	☐	500000.00	495175.73	6639132.47	2.0654	A	0.2

$$y = 4.1708\text{E-}006 * x + 1.0786\text{E-}004$$

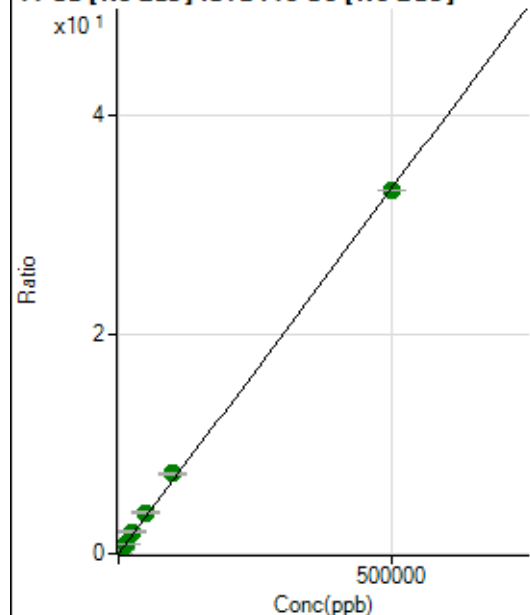
$$R = 0.9993$$

$$DL = 12.21$$

$$BEC = 25.86$$

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	7167.37	0.0018	P	1.3
2	☐	500.000	535.316	149038.35	0.0375	P	3.2
3	☐	5000.000	5772.713	1482186.96	0.3868	A	2.1
4	☐	12500.000	13932.406	3536723.11	0.9310	A	2.2
5	☐	25000.000	29364.786	6738641.29	1.9602	A	8.8
6	☐	50000.000	56194.081	13125921.33	3.7495	A	2.9
7	☐	100000.00	110274.36	24558868.25	7.3563	A	1.7
8	☐	500000.00	497063.90	106566713.9	33.1524	A	0.2

$$y = 6.6693\text{E-}005 * x + 0.0018$$

$$R = 0.9997$$

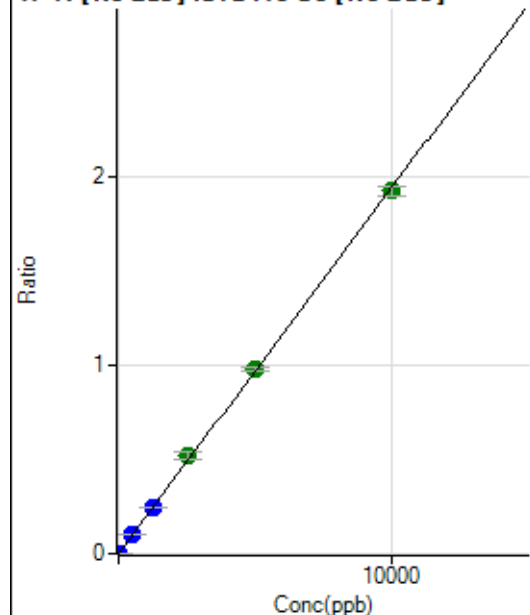
$$DL = 1.044$$

$$BEC = 27.01$$

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	115.56	0.0000	P	18.9
2	☐	5.000	4.966	3948.33	0.0010	P	4.5
3	☐	500.000	525.402	391227.78	0.1021	P	2.2
4	☐	1250.000	1263.026	932098.68	0.2454	P	2.9
5	☐	2500.000	2681.650	1791641.17	0.5210	A	8.1
6	☐	5000.000	5063.583	3444051.86	0.9837	A	2.5
7	☐	10000.000	9919.897	6433334.49	1.9271	A	2.3
8	☐			1799.02	0.0006	P	2.0

$$y = 1.9427E-004 * x + 2.9029E-005$$

$$R = 0.9998$$

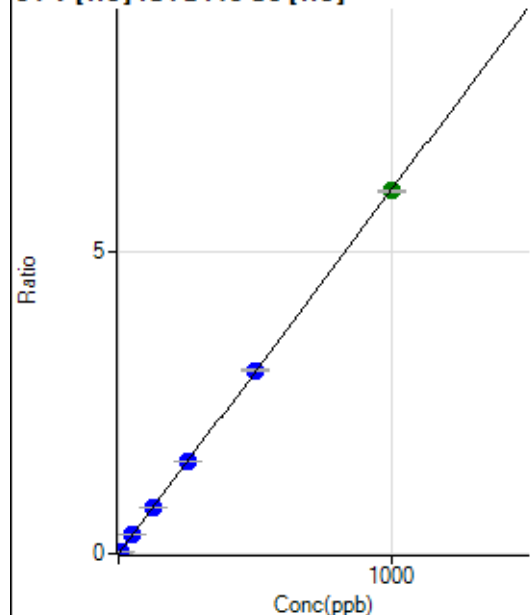
$$DL = 0.08463$$

$$BEC = 0.1494$$

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	4.44	0.0000	P	41.9
2	☐	5.000	4.964	9571.99	0.0299	P	1.5
3	☐	50.000	50.538	94762.60	0.3038	P	1.0
4	☐	125.000	128.759	231384.33	0.7740	P	0.7
5	☐	250.000	251.551	445002.90	1.5121	P	0.2
6	☐	500.000	504.301	879120.56	3.0313	P	1.4
7	☐	1000.000	996.965	1625193.00	5.9927	A	0.8
8	☐			601.13	0.0024	P	5.6

$$y = 0.0060 * x + 1.3532E-005$$

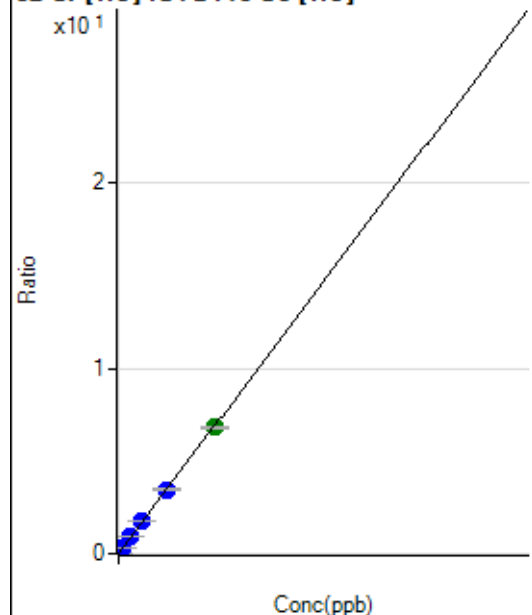
$$R = 1.0000$$

$$DL = 0.002829$$

$$BEC = 0.002251$$

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	852.26	0.0026	P	9.0
2	☐	2.000	2.096	5425.46	0.0169	P	1.2
3	☐	50.000	52.251	112142.80	0.3595	P	0.5
4	☐	125.000	130.235	266698.22	0.8921	P	1.0
5	☐	250.000	254.073	511480.30	1.7380	P	0.2
6	☐	500.000	506.516	1004036.10	3.4622	P	1.8
7	☐	1000.000	994.957	1843664.92	6.7983	A	0.7
8	☐			10924.04	0.0429	P	1.4

$$y = 0.0068 * x + 0.0026$$

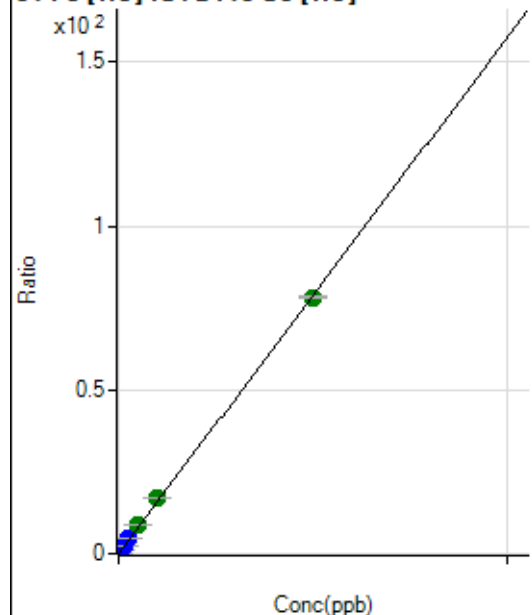
$$R = 1.0000$$

$$DL = 0.1032$$

$$BEC = 0.3814$$

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	1076.72	0.0033	P	15.3
2	☐	50.000	58.446	6946.11	0.0217	P	0.2
3	☐	2500.000	2958.660	291083.09	0.9331	P	0.5
4	☐	6250.000	7441.206	700094.43	2.3419	P	1.1
5	☐	12500.000	14496.431	1341759.84	4.5592	P	0.3
6	☐	25000.000	27627.149	2518958.38	8.6858	A	1.5
7	☐	50000.000	53964.695	4600299.55	16.9631	A	0.3
8	☐	250000.00	248810.15	19924328.87	78.1982	A	0.5

$$y = 3.1428E-004 * x + 0.0033$$

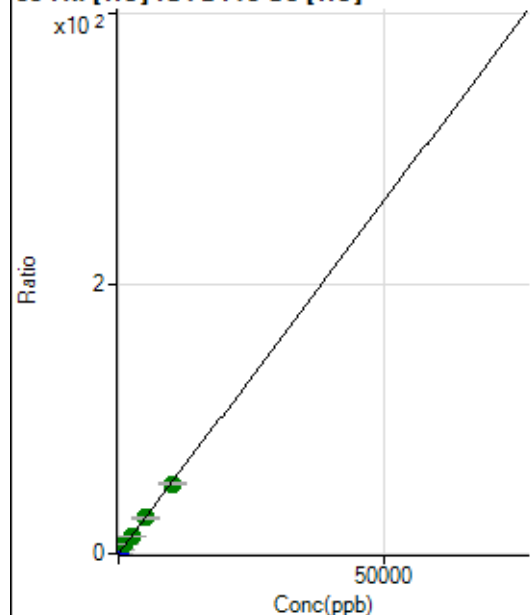
$$R = 0.9998$$

$$DL = 4.797$$

$$BEC = 10.48$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0003	P	8.3
2	☐	1.000	0.988	1751.23	0.0055	P	9.1
3	☐	500.000	523.465	850993.94	2.7281	P	0.3
4	☐	1250.000	1280.441	1994768.60	6.6727	A	1.1
5	☐	2500.000	2499.153	3832729.42	13.0233	A	0.7
6	☐	5000.000	5060.946	7648506.28	26.3728	A	1.4
7	☐	10000.000	9964.760	14082145.49	51.9264	A	0.6
8	☐			11381.07	0.0447	P	1.8

$$y = 0.0052 * x + 3.1250E-004$$

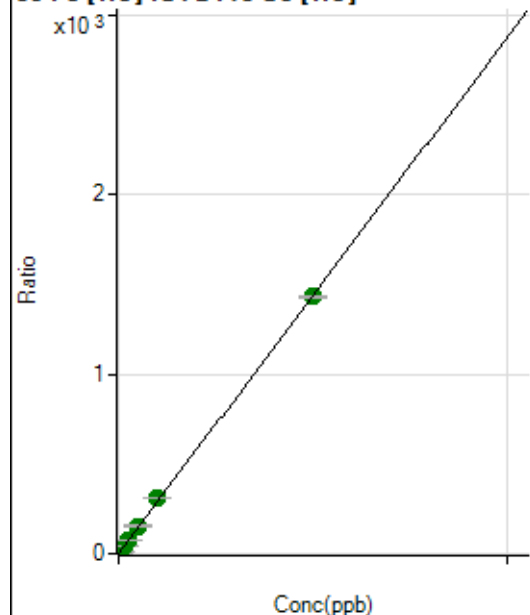
$$R = 1.0000$$

$$DL = 0.01485$$

$$BEC = 0.05997$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8005.53	0.0245	P	2.6
2	☐	50.000	56.799	112511.09	0.3509	P	0.4
3	☐	2500.000	2745.260	4928664.37	15.8003	A	0.7
4	☐	6250.000	6903.382	11866854.68	39.6953	A	0.7
5	☐	12500.000	13465.091	22779602.71	77.4027	A	0.2
6	☐	25000.000	26942.062	44906998.78	154.8492	A	1.6
7	☐	50000.000	53516.070	83408260.98	307.5588	A	0.5
8	☐	250000.00	249035.53	364640301.2	1,431.126	A	0.3

$$y = 0.0057 * x + 0.0245$$

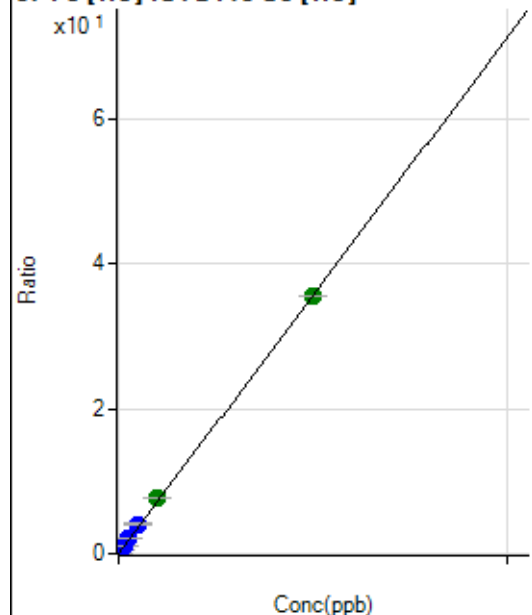
$$R = 0.9999$$

$$DL = 0.3362$$

$$BEC = 4.259$$

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	551.13	0.0017	P	10.8
2	☐	50.000	59.880	3282.61	0.0102	P	5.4
3	☐	2500.000	2911.112	130236.06	0.4175	P	0.3
4	☐	6250.000	7350.734	314390.25	1.0516	P	0.7
5	☐	12500.000	14378.618	604931.68	2.0555	P	0.3
6	☐	25000.000	28727.286	1190354.21	4.1050	P	2.4
7	☐	50000.000	54234.961	2101347.29	7.7485	A	0.2
8	☐	250000.00	248654.71	9049947.71	35.5191	A	0.2

$$y = 1.4284\text{E-}004 * x + 0.0017$$

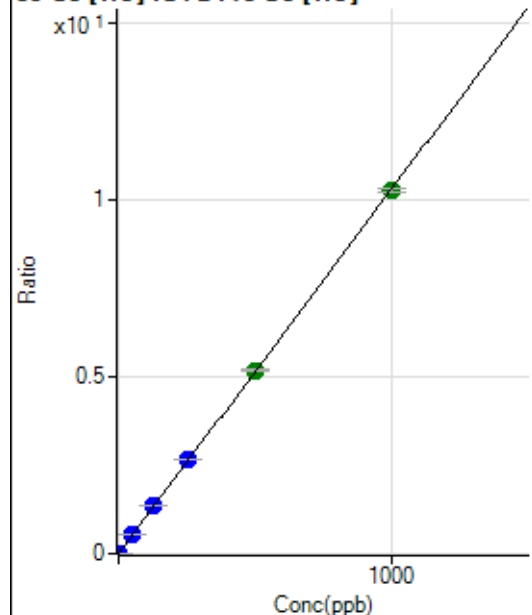
$$R = 0.9998$$

$$DL = 3.826$$

$$BEC = 11.79$$

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	35.56	0.0001	P	36.3
2	☐	1.000	1.085	3616.03	0.0113	P	1.2
3	☐	50.000	52.991	170242.95	0.5458	P	0.1
4	☐	125.000	132.542	408039.00	1.3649	P	0.6
5	☐	250.000	256.659	777805.68	2.6429	P	0.2
6	☐	500.000	503.284	1503027.36	5.1824	A	1.3
7	☐	1000.000	995.601	2780230.17	10.2518	A	0.9
8	☐			7874.36	0.0309	P	2.6

$$y = 0.0103 * x + 1.0892\text{E-}004$$

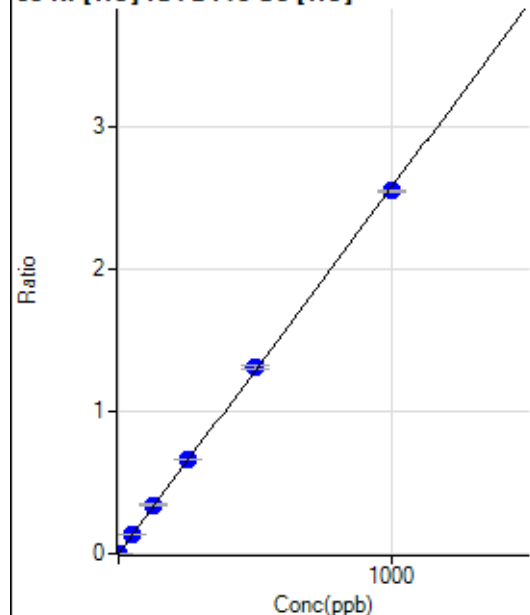
$$R = 1.0000$$

$$DL = 0.01153$$

$$BEC = 0.01058$$

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	141.12	0.0004	P	4.1
2	☐	1.000	1.163	1098.94	0.0034	P	7.1
3	☐	50.000	53.620	43210.87	0.1385	P	0.4
4	☐	125.000	133.430	102860.59	0.3441	P	1.5
5	☐	250.000	258.157	195793.29	0.6653	P	0.1
6	☐	500.000	511.805	382360.65	1.3185	P	2.0
7	☐	1000.000	990.823	692137.18	2.5522	P	0.4
8	☐			3221.49	0.0126	P	4.2

$$y = 0.0026 * x + 4.3132E-004$$

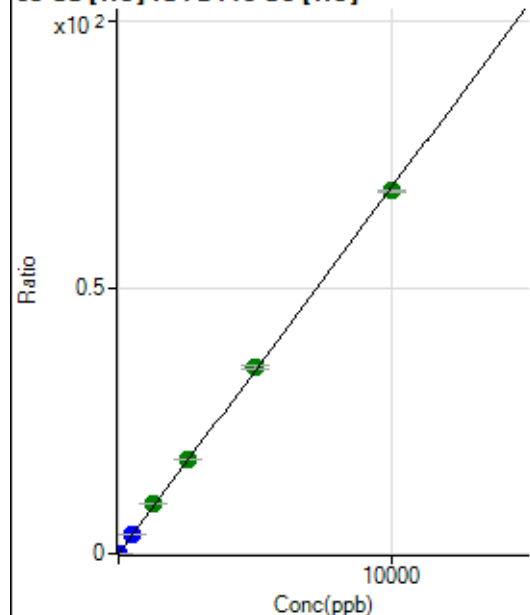
$$R = 0.9998$$

$$DL = 0.02081$$

$$BEC = 0.1675$$

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	3744.95	0.0115	P	3.3
2	☐	2.000	2.100	8301.25	0.0259	P	0.6
3	☐	500.000	542.375	1166549.46	3.7397	P	0.5
4	☐	1250.000	1351.853	2781375.65	9.3040	A	1.1
5	☐	2500.000	2586.054	5234883.92	17.7879	A	1.0
6	☐	5000.000	5104.600	10179065.68	35.1003	A	1.7
7	☐	10000.000	9911.336	18479458.48	68.1416	A	0.7
8	☐			8091.16	0.0318	P	4.4

$$y = 0.0069 * x + 0.0115$$

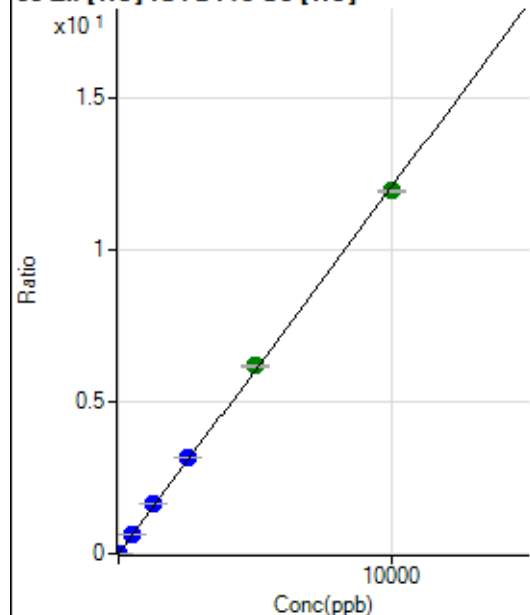
$$R = 0.9998$$

$$DL = 0.1671$$

$$BEC = 1.666$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	826.70	0.0025	P	7.2
2	☐	5.000	4.269	2461.34	0.0077	P	7.4
3	☐	500.000	536.862	202883.72	0.6504	P	0.3
4	☐	1250.000	1347.146	486764.31	1.6282	P	0.5
5	☐	2500.000	2633.787	936131.67	3.1809	P	0.1
6	☐	5000.000	5116.011	1791284.09	6.1764	A	1.3
7	☐	10000.000	9894.562	3238842.21	11.9429	A	0.4
8	☐			5497.74	0.0216	P	3.2

$$y = 0.0012 * x + 0.0025$$

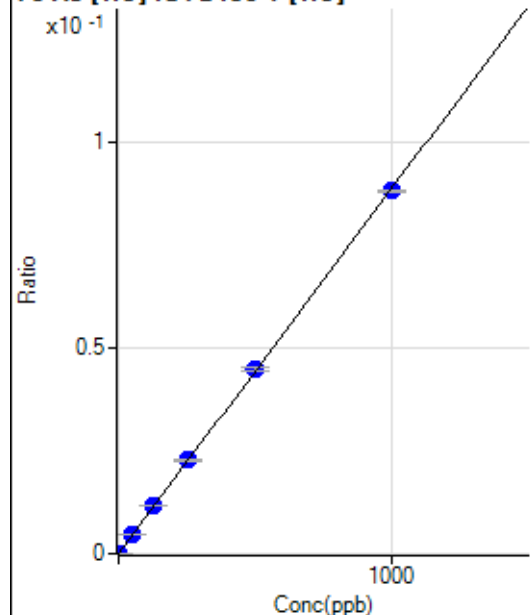
R = 0.9998

DL = 0.4501

BEC = 2.093

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	113.
2	☐	1.000	1.047	271.11	0.0001	P	5.6
3	☐	50.000	52.252	13085.85	0.0046	P	1.2
4	☐	125.000	131.654	31941.03	0.0117	P	1.9
5	☐	250.000	256.743	61541.21	0.0228	P	1.6
6	☐	500.000	506.428	120966.52	0.0449	P	1.7
7	☐	1000.000	994.156	224867.31	0.0882	P	0.6
8	☐			142.23	0.0001	P	2.9

$$y = 8.8711E-005 * x + 1.4904E-006$$

R = 0.9999

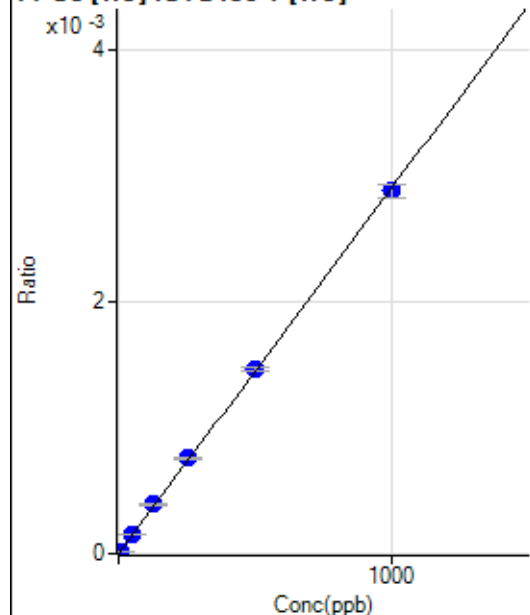
DL = 0.05705

BEC = 0.0168

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.199	43.33	0.0000	P	27.2
3	☐	50.000	52.272	427.79	0.0002	P	7.2
4	☐	125.000	135.323	1073.38	0.0004	P	5.3
5	☐	250.000	261.019	2044.60	0.0008	P	3.2
6	☐	500.000	506.076	3950.56	0.0015	P	2.1
7	☐	1000.000	992.803	7338.55	0.0029	P	3.5
8	☐			46.67	0.0000	P	30.3

$$y = 2.8994\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

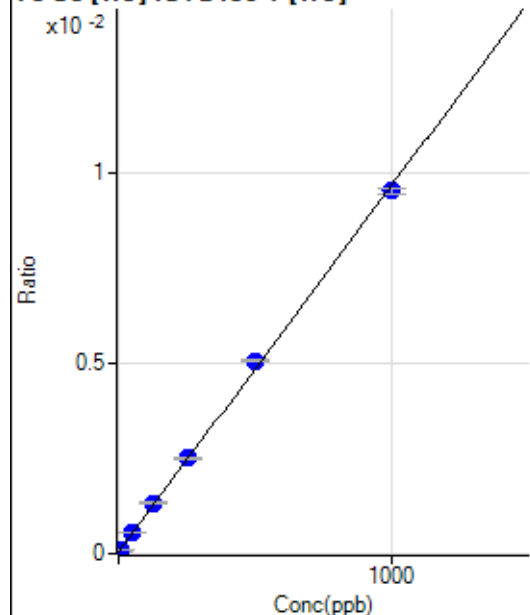
$$DL = 0$$

$$BEC = 0$$

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	132.22	0.0000	P	11.4
2	☐	5.000	4.679	257.78	0.0001	P	11.7
3	☐	50.000	52.281	1543.43	0.0005	P	4.4
4	☐	125.000	133.288	3622.70	0.0013	P	2.0
5	☐	250.000	256.659	6779.39	0.0025	P	1.5
6	☐	500.000	522.759	13635.27	0.0051	P	1.1
7	☐	1000.000	985.807	24245.43	0.0095	P	1.6
8	☐			203.34	0.0001	P	11.9

$$y = 9.6009\text{E-}006 * x + 4.4870\text{E-}005$$

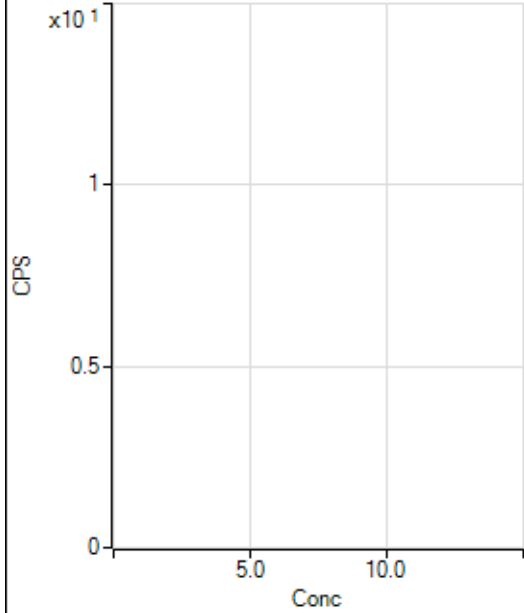
$$R = 0.9996$$

$$DL = 1.599$$

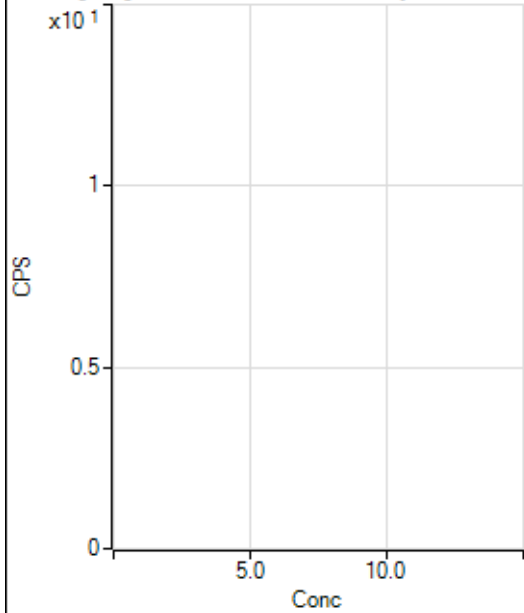
$$BEC = 4.674$$

Weight: <None>

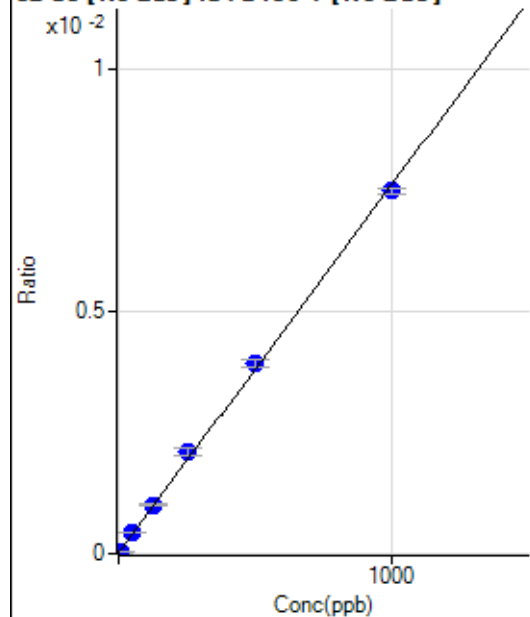
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11193.22		P	1.5
2	☐			10769.57		P	2.4
3	☐			10886.34		P	3.3
4	☐			10517.16		P	3.0
5	☐			10292.56		P	2.6
6	☐			10200.27		P	0.7
7	☐			9992.35		P	1.1
8	☐			11274.39		P	2.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.44		P	37.3
2	☐			86.67		P	23.1
3	☐			48.89		P	23.9
4	☐			61.11		P	13.7
5	☐			71.11		P	22.2
6	☐			58.89		P	17.3
7	☐			73.33		P	16.4
8	☐			340.01		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.12	0.0000	P	11.9
2	☐	5.000	5.450	716.19	0.0001	P	5.8
3	☐	50.000	53.751	5250.41	0.0004	P	0.8
4	☐	125.000	130.863	12597.81	0.0010	P	1.3
5	☐	250.000	275.883	24321.33	0.0021	P	8.1
6	☐	500.000	516.768	47201.46	0.0039	P	4.3
7	☐	1000.000	984.223	84248.47	0.0075	P	1.5
8	☐			663.69	0.0001	P	4.2

$$y = 7.5973E-006 * x + 1.4389E-005$$

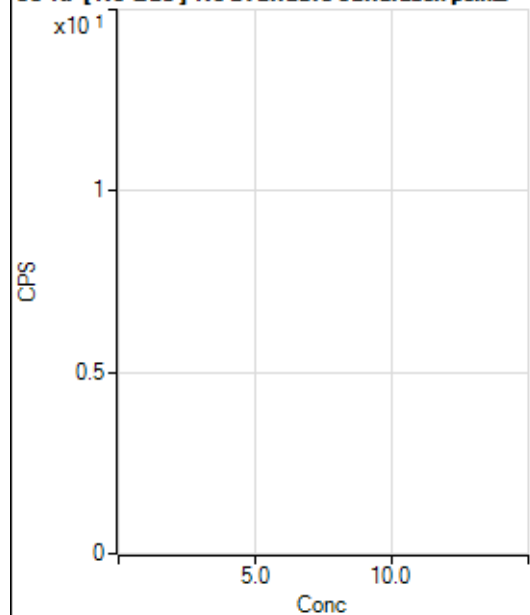
$$R = 0.9994$$

$$DL = 0.6759$$

$$BEC = 1.894$$

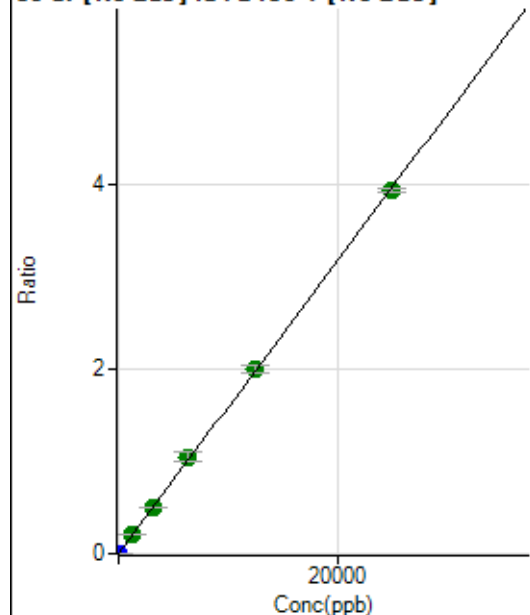
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			108.89		P	16.9
2	☐			112.23		P	22.3
3	☐			118.89		P	7.1
4	☐			108.89		P	9.8
5	☐			82.22		P	33.8
6	☐			122.22		P	18.6
7	☐			86.67		P	26.9
8	☐			132.22		P	19.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	177.78	0.0000	P	16.9
2	☐	1.000	1.047	2304.65	0.0002	P	1.6
3	☐	1250.000	1318.100	2590115.86	0.2086	A	1.9
4	☐	3125.000	3153.412	6232286.99	0.4990	A	1.2
5	☐	6250.000	6640.597	12106142.32	1.0507	A	8.6
6	☐	12500.000	12654.442	23981947.70	2.0023	A	4.7
7	☐	25000.000	24818.173	44160136.56	3.9269	A	1.0
8	☐			10142.47	0.0010	P	3.1

$$y = 1.5822\text{E-}004 * x + 1.3892\text{E-}005$$

$$R = 0.9998$$

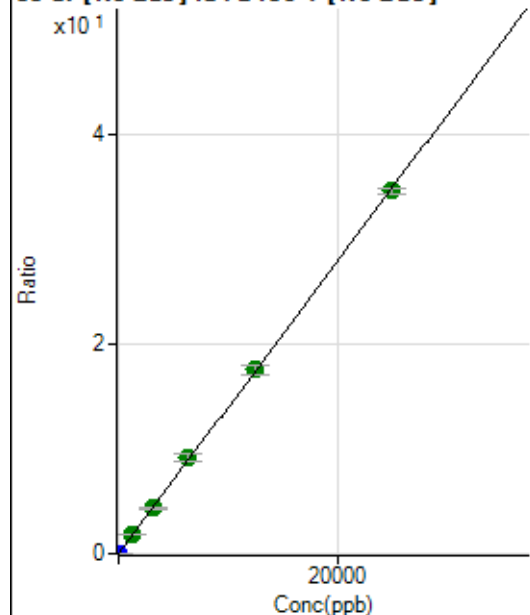
$$DL = 0.04462$$

$$BEC = 0.0878$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	114.45	0.0000	P	6.0
2	☐	1.000	1.051	18846.60	0.0015	P	3.3
3	☐	1250.000	1290.205	22271507.73	1.7935	A	1.7
4	☐	3125.000	3116.788	54110697.53	4.3326	A	2.3
5	☐	6250.000	6618.287	106023596.2	9.1999	A	8.1
6	☐	12500.000	12597.867	209739092.4	17.5120	A	4.8
7	☐	25000.000	24858.011	388569580.8	34.5545	A	1.7
8	☐			86807.52	0.0083	P	2.6

$$y = 0.0014 * x + 8.9439\text{E-}006$$

$$R = 0.9999$$

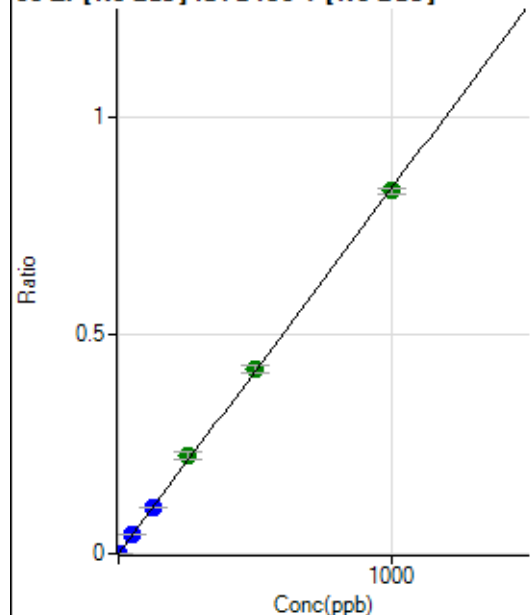
$$DL = 0.001163$$

$$BEC = 0.006434$$

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	470.01	0.0000	P	3.7
2	☐	1.000	0.975	10931.94	0.0009	P	2.2
3	☐	50.000	52.388	544390.94	0.0438	P	2.0
4	☐	125.000	126.954	1326212.33	0.1062	P	2.0
5	☐	250.000	267.570	2578238.33	0.2238	A	8.5
6	☐	500.000	503.987	5048709.96	0.4214	A	4.1
7	☐	1000.000	993.250	9339581.18	0.8305	A	1.4
8	☐			5334.35	0.0005	P	1.5

$$y = 8.3613\text{E-}004 * x + 3.6732\text{E-}005$$

$$R = 0.9998$$

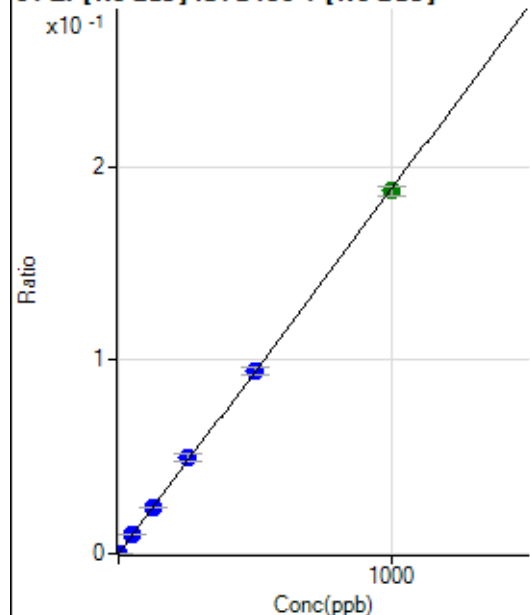
$$DL = 0.004919$$

$$BEC = 0.04393$$

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	87.78	0.0000	P	14.3
2	☐	1.000	0.968	2429.12	0.0002	P	4.7
3	☐	50.000	51.598	120846.93	0.0097	P	1.4
4	☐	125.000	125.777	296143.82	0.0237	P	1.7
5	☐	250.000	264.787	575108.95	0.0499	P	8.3
6	☐	500.000	502.415	1134477.19	0.0947	P	3.8
7	☐	1000.000	994.919	2108434.81	0.1875	A	2.8
8	☐			1172.28	0.0001	P	5.2

$$y = 1.8846\text{E-}004 * x + 6.8595\text{E-}006$$

$$R = 0.9999$$

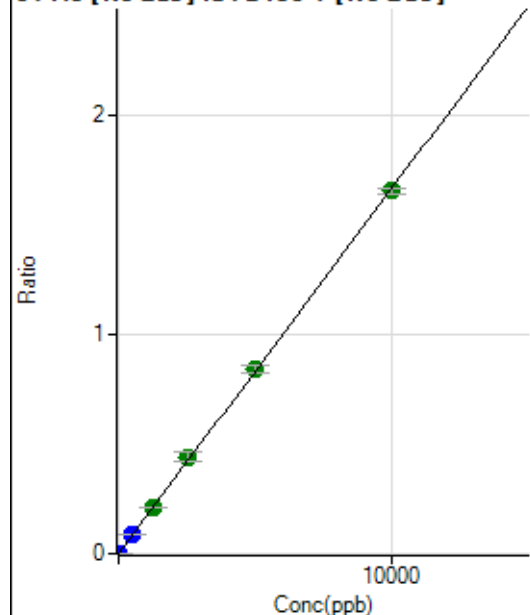
$$DL = 0.01566$$

$$BEC = 0.0364$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	160.00	0.0000	P	16.9
2	☐	5.000	5.859	12691.15	0.0010	P	3.0
3	☐	500.000	527.848	1093214.93	0.0880	P	2.0
4	☐	1250.000	1258.475	2621481.99	0.2099	A	1.0
5	☐	2500.000	2653.032	5095732.39	0.4424	A	9.3
6	☐	5000.000	5035.979	10060132.91	0.8398	A	4.3
7	☐	10000.000	9941.300	18642720.41	1.6578	A	1.6
8	☐			6900.58	0.0007	P	2.8

$$y = 1.6676\text{E-}004 * x + 1.2503\text{E-}005$$

$$R = 0.9999$$

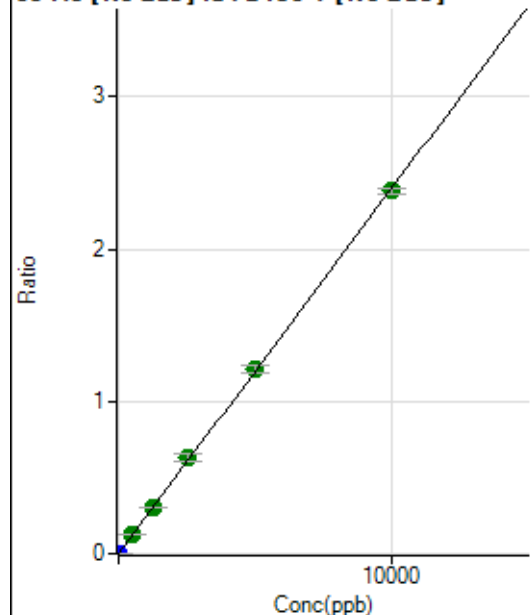
$$DL = 0.0381$$

$$BEC = 0.07497$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	112.23	0.0000	P	17.0
2	☐	5.000	4.994	15462.69	0.0012	P	2.8
3	☐	500.000	522.170	1553690.67	0.1251	A	1.7
4	☐	1250.000	1265.825	3788116.82	0.3033	A	1.3
5	☐	2500.000	2641.000	7288791.28	0.6328	A	9.0
6	☐	5000.000	5048.808	14489000.20	1.2097	A	4.6
7	☐	10000.000	9937.259	26773200.99	2.3809	A	1.9
8	☐			8466.97	0.0008	P	1.4

$$y = 2.3959\text{E-}004 * x + 8.7712\text{E-}006$$

$$R = 0.9999$$

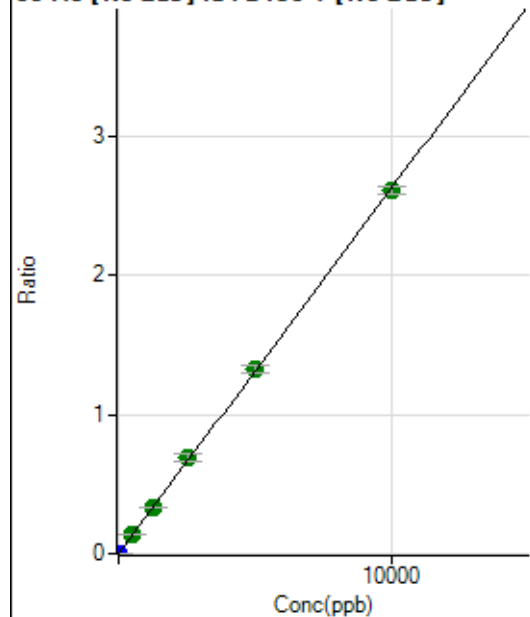
$$DL = 0.01862$$

$$BEC = 0.03661$$

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	87.78	0.0000	P	17.2
2	☐	5.000	5.001	16926.55	0.0013	P	2.8
3	☐	500.000	524.602	1710161.05	0.1377	A	1.6
4	☐	1250.000	1258.895	4127875.08	0.3305	A	0.5
5	☐	2500.000	2640.372	7988967.59	0.6931	A	7.8
6	☐	5000.000	5067.437	15935307.82	1.3302	A	4.1
7	☐	10000.000	9928.847	29307919.56	2.6063	A	2.0
8	☐			14813.18	0.0014	P	2.4

$$y = 2.6250\text{E-}004 * x + 6.8605\text{E-}006$$

$$R = 0.9999$$

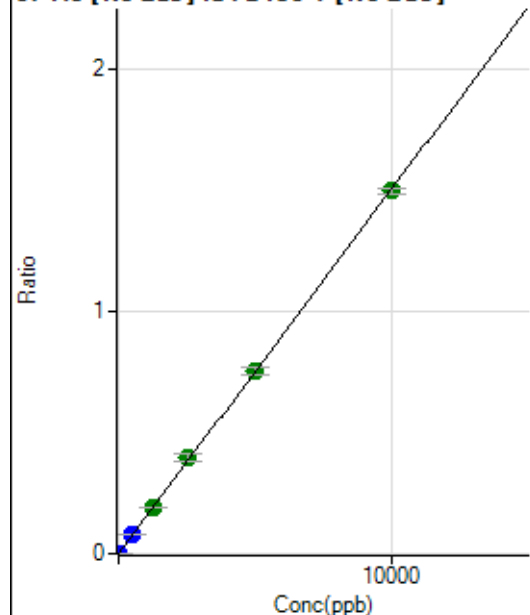
$$DL = 0.0135$$

$$BEC = 0.02614$$

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	48.89	0.0000	P	14.1
2	☐	5.000	4.950	9619.92	0.0007	P	3.6
3	☐	500.000	527.085	986464.66	0.0794	P	2.0
4	☐	1250.000	1254.099	2360647.36	0.1890	A	1.8
5	☐	2500.000	2617.618	4546211.49	0.3945	A	8.2
6	☐	5000.000	5029.037	9079331.67	0.7579	A	4.3
7	☐	10000.000	9954.210	16870053.50	1.5002	A	1.7
8	☐			5272.11	0.0005	P	7.0

$$y = 1.5071\text{E-}004 * x + 3.8204\text{E-}006$$

$$R = 0.9999$$

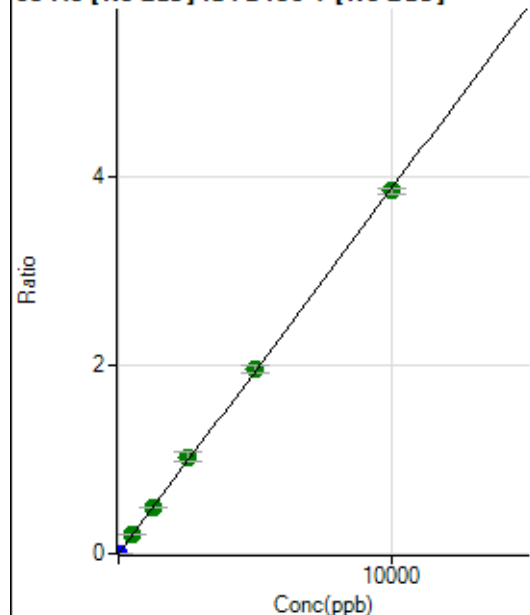
$$DL = 0.01072$$

$$BEC = 0.02535$$

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	71.11	0.0000	P	36.5
2	☐	5.000	4.958	24704.26	0.0019	P	1.1
3	☐	500.000	519.307	2497442.10	0.2011	A	2.6
4	☐	1250.000	1251.378	6053266.58	0.4847	A	1.6
5	☐	2500.000	2655.648	11851307.88	1.0285	A	8.4
6	☐	5000.000	5046.906	23415338.26	1.9546	A	4.2
7	☐	10000.000	9936.498	43275481.02	3.8483	A	1.5
8	☐			13266.12	0.0013	P	1.5

$$y = 3.8729E-004 * x + 5.5584E-006$$

$$R = 0.9998$$

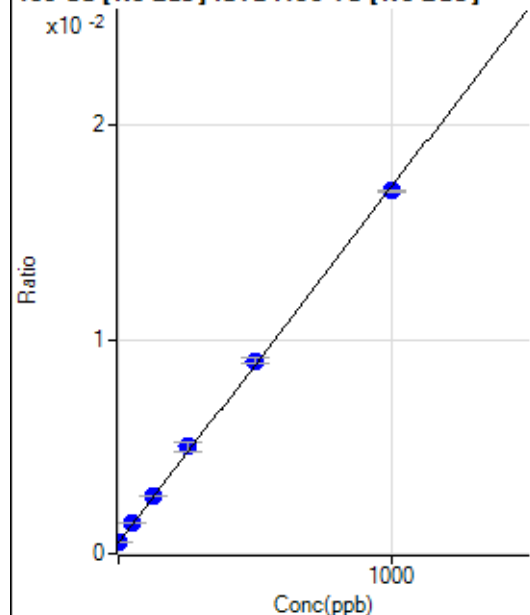
$$DL = 0.01571$$

$$BEC = 0.01435$$

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	5218.77	0.0005	P	1.1
2	☐	1.000	3.138	5731.19	0.0006	P	1.2
3	☐	50.000	56.173	14276.01	0.0014	P	4.2
4	☐	125.000	129.649	27236.71	0.0027	P	0.6
5	☐	250.000	269.432	47737.00	0.0050	P	8.4
6	☐	500.000	510.769	88773.37	0.0090	P	3.2
7	☐	1000.000	988.866	155639.98	0.0169	P	0.7
8	☐			4470.74	0.0005	P	2.7

$$y = 1.6615E-005 * x + 5.1343E-004$$

$$R = 0.9997$$

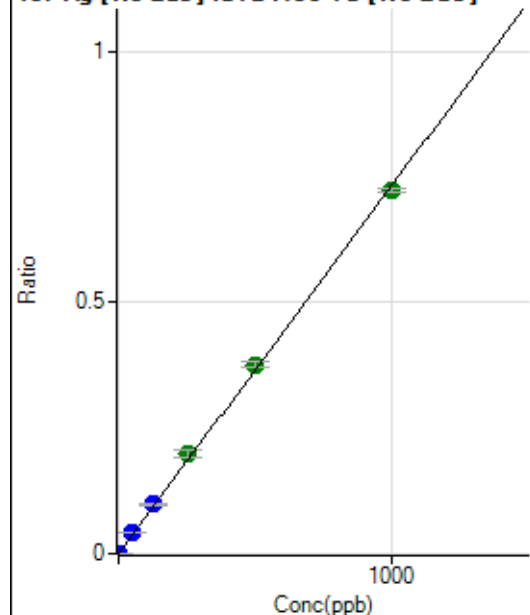
$$DL = 0.9773$$

$$BEC = 30.9$$

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	55.56	0.0000	P	17.9
2	☐	1.000	1.022	7632.07	0.0008	P	3.7
3	☐	50.000	57.335	414123.98	0.0420	P	0.7
4	☐	125.000	133.733	999138.02	0.0979	P	1.3
5	☐	250.000	272.259	1905021.20	0.1992	A	9.2
6	☐	500.000	512.878	3701821.92	0.3753	A	3.2
7	☐	1000.000	986.538	6630899.41	0.7219	A	1.0
8	☐			1787.91	0.0002	P	2.9

$$y = 7.3172\text{E-}004 * x + 5.4628\text{E-}006$$

$$R = 0.9996$$

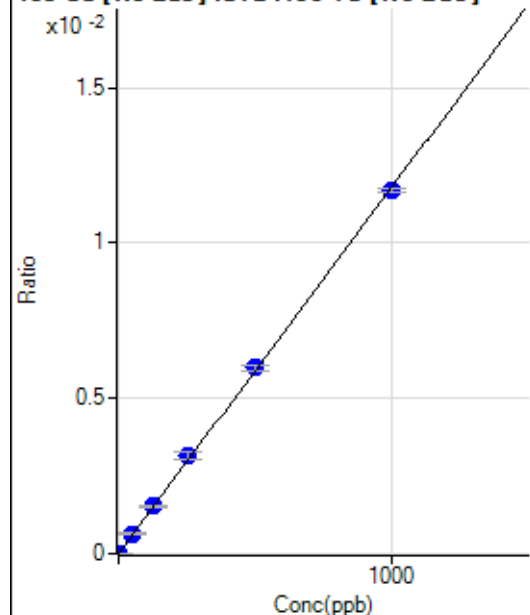
$$DL = 0.004011$$

$$BEC = 0.007466$$

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	8.89	0.0000	P	86.6
2	☐	1.000	1.198	152.23	0.0000	P	21.0
3	☐	50.000	54.492	6341.45	0.0006	P	3.4
4	☐	125.000	129.954	15631.85	0.0015	P	3.1
5	☐	250.000	268.619	30263.80	0.0032	P	8.7
6	☐	500.000	506.990	58901.01	0.0060	P	3.1
7	☐	1000.000	991.006	107204.58	0.0117	P	0.9
8	☐			146.67	0.0000	P	24.9

$$y = 1.1776\text{E-}005 * x + 8.7168\text{E-}007$$

$$R = 0.9998$$

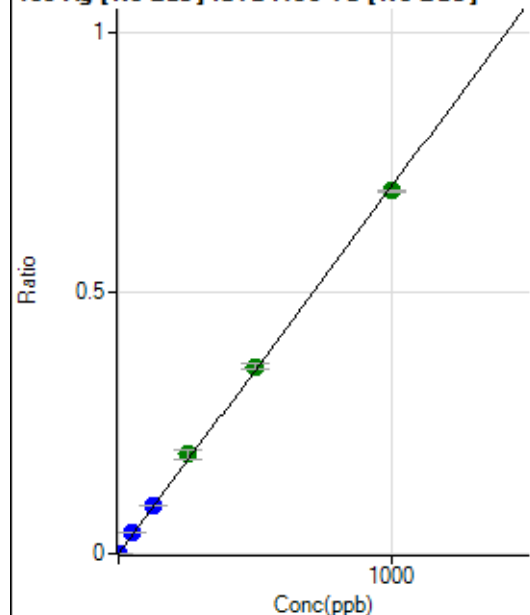
$$DL = 0.1923$$

$$BEC = 0.07402$$

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	27.78	0.0000	P	28.3
2	☐	1.000	1.026	7339.70	0.0007	P	3.1
3	☐	50.000	56.601	392929.59	0.0398	P	1.1
4	☐	125.000	132.221	949510.95	0.0930	P	1.3
5	☐	250.000	271.327	1824761.67	0.1908	A	9.3
6	☐	500.000	510.154	3539234.11	0.3588	A	3.2
7	☐	1000.000	988.358	6385443.65	0.6952	A	0.5
8	☐			1576.77	0.0002	P	3.7

$$y = 7.0334\text{E-}004 * x + 2.7353\text{E-}006$$

$$R = 0.9997$$

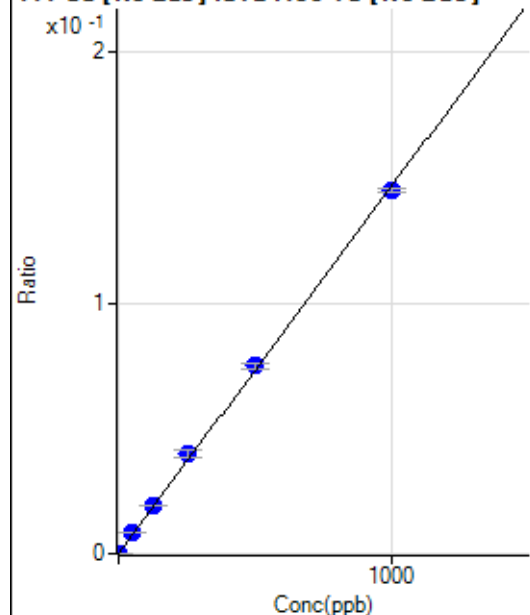
$$DL = 0.003302$$

$$BEC = 0.003889$$

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	527.88	0.0001	P	2.2
2	☐	1.000	1.112	2176.68	0.0002	P	3.2
3	☐	50.000	55.845	81173.51	0.0082	P	0.5
4	☐	125.000	131.553	197079.45	0.0193	P	2.1
5	☐	250.000	271.845	381117.76	0.0398	P	8.1
6	☐	500.000	511.154	738283.61	0.0749	P	3.5
7	☐	1000.000	987.850	1328377.26	0.1446	P	1.0
8	☐			1372.23	0.0002	P	8.9

$$y = 1.4634\text{E-}004 * x + 5.1937\text{E-}005$$

$$R = 0.9996$$

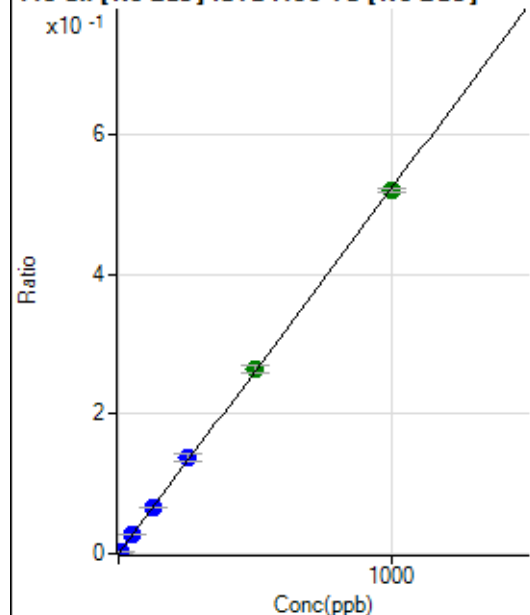
$$DL = 0.02364$$

$$BEC = 0.3549$$

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	658.91	0.0001	P	14.4
2	☐	5.000	5.137	27855.81	0.0027	P	2.2
3	☐	50.000	53.556	276876.16	0.0281	P	1.1
4	☐	125.000	126.712	676746.45	0.0663	P	2.2
5	☐	250.000	263.538	1318258.74	0.1378	P	8.3
6	☐	500.000	506.088	2609061.82	0.2646	A	3.8
7	☐	1000.000	993.179	4768398.05	0.5191	A	1.1
8	☐			4225.10	0.0005	P	4.6

$$y = 5.2261\text{E-}004 * x + 6.4845\text{E-}005$$

$$R = 0.9999$$

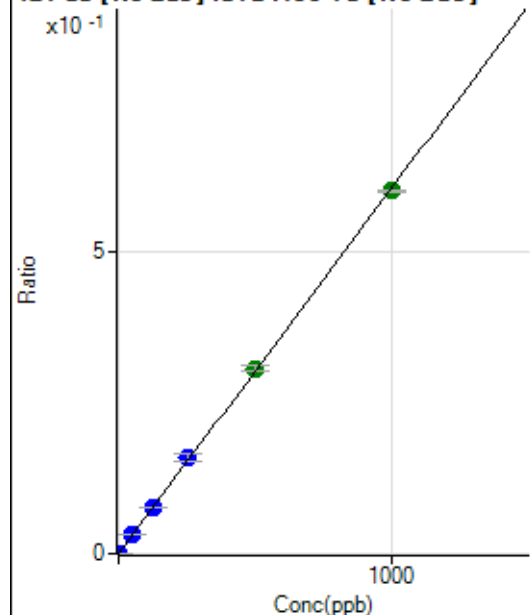
$$DL = 0.05351$$

$$BEC = 0.1241$$

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	51.11	0.0000	P	22.6
2	☐	2.000	1.965	12065.16	0.0012	P	2.3
3	☐	50.000	53.574	319138.01	0.0323	P	1.0
4	☐	125.000	125.498	773254.64	0.0757	P	2.0
5	☐	250.000	262.938	1517974.39	0.1587	P	8.4
6	☐	500.000	506.714	3016296.31	0.3058	A	3.1
7	☐	1000.000	993.168	5505439.92	0.5994	A	0.4
8	☐			6950.64	0.0008	P	4.4

$$y = 6.0347\text{E-}004 * x + 5.0253\text{E-}006$$

$$R = 0.9999$$

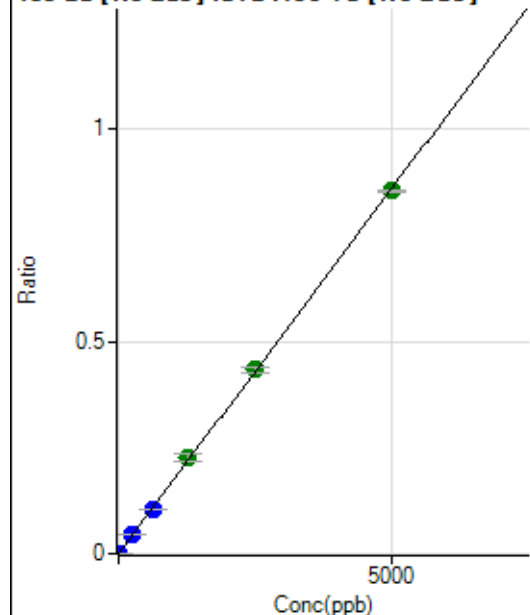
$$DL = 0.005636$$

$$BEC = 0.008327$$

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	14.44	0.0000	P	35.0
2	☐	10.000	9.619	16766.61	0.0017	P	3.4
3	☐	250.000	257.235	436444.22	0.0442	P	1.2
4	☐	625.000	610.664	1071791.30	0.1050	P	1.5
5	☐	1250.000	1311.895	2157196.76	0.2255	A	8.6
6	☐	2500.000	2524.734	4281159.21	0.4340	A	3.1
7	☐	5000.000	4973.590	7853686.83	0.8550	A	0.8
8	☐			5037.60	0.0006	P	1.4

$$y = 1.7191\text{E-}004 * x + 1.4204\text{E-}006$$

$$R = 0.9999$$

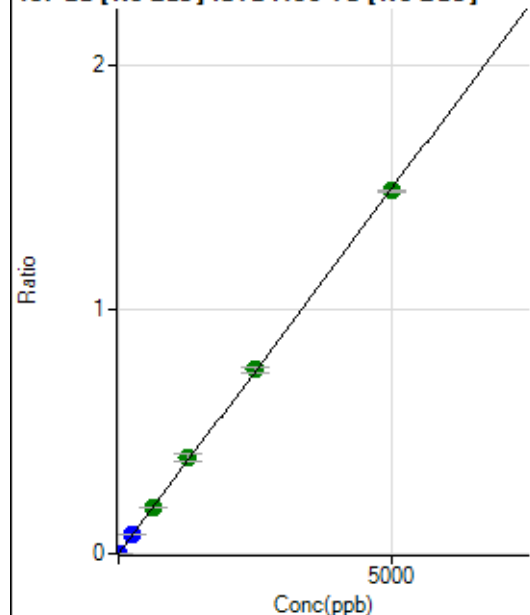
$$DL = 0.008678$$

$$BEC = 0.008263$$

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	34.44	0.0000	P	14.5
2	☐	10.000	9.691	29314.68	0.0029	P	3.0
3	☐	250.000	258.301	760383.30	0.0770	P	1.1
4	☐	625.000	627.915	1912176.07	0.1873	A	0.8
5	☐	1250.000	1317.105	3758521.89	0.3928	A	8.1
6	☐	2500.000	2518.823	7410534.89	0.7513	A	3.0
7	☐	5000.000	4973.033	13624525.77	1.4832	A	0.7
8	☐			8703.83	0.0010	P	2.4

$$y = 2.9826\text{E-}004 * x + 3.3874\text{E-}006$$

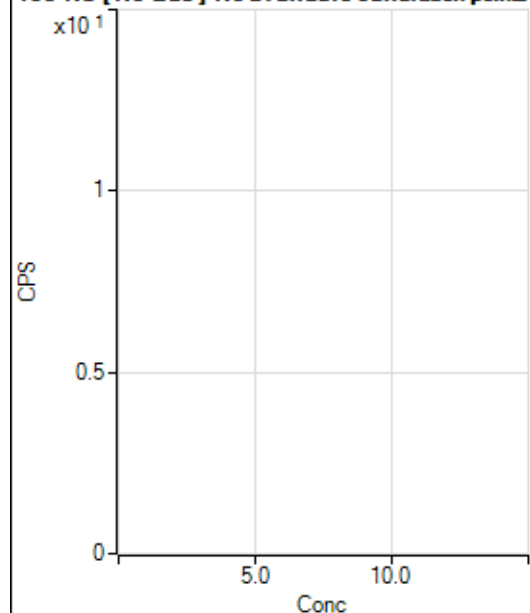
$$R = 0.9999$$

$$DL = 0.004926$$

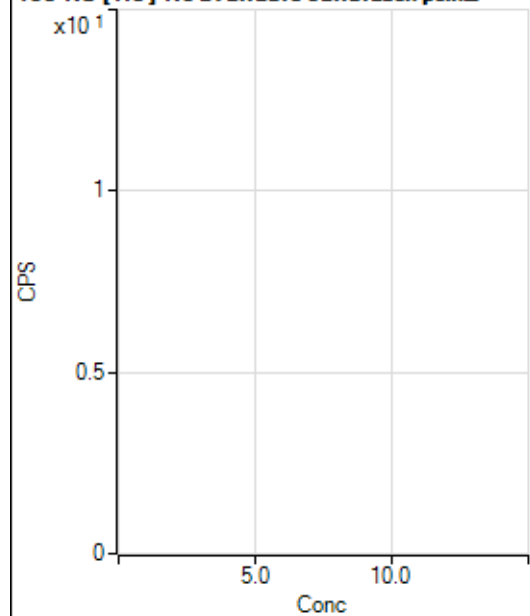
$$BEC = 0.01136$$

Weight: <None>

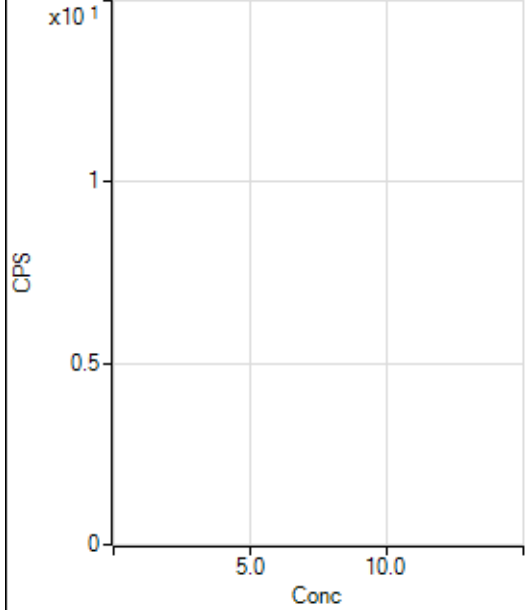
Min Conc: 0

150 Nd [No Gas] No available calibration points

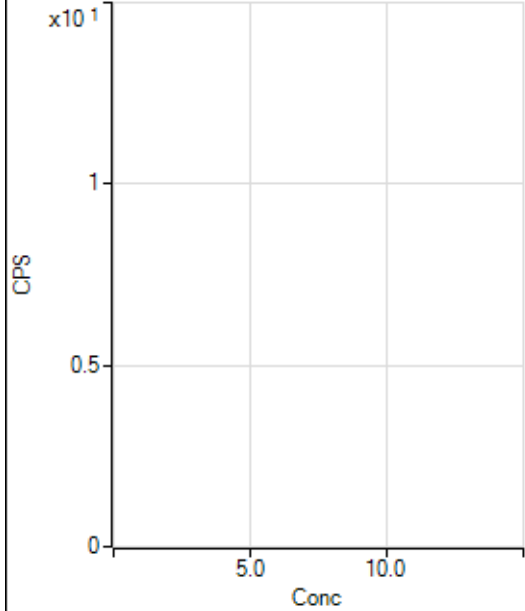
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			7.78		P	65.5
3	☐			54.44		P	9.4
4	☐			105.56		P	7.3
5	☐			221.12		P	24.4
6	☐			461.12		P	12.4
7	☐			763.36		P	2.7
8	☐			215.56		P	12.5

150 Nd [He] No available calibration points

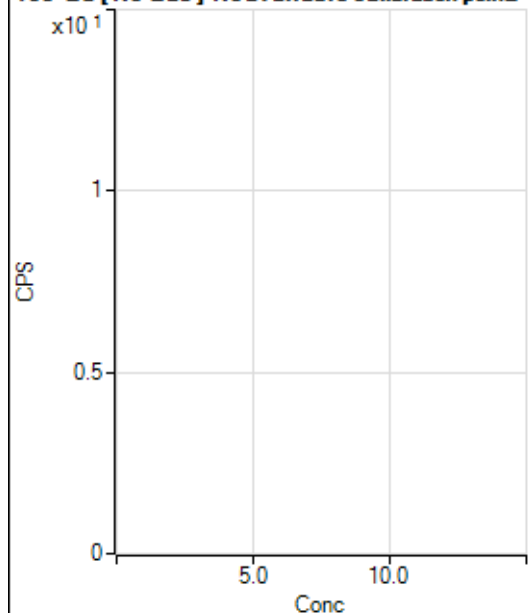
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			4.45		P	86.6
3	☐			12.22		P	87.7
4	☐			15.56		P	32.7
5	☐			45.56		P	25.7
6	☐			75.56		P	47.2
7	☐			175.56		P	5.8
8	☐			110.00		P	10.9

156 Dy [No Gas] No available calibration points

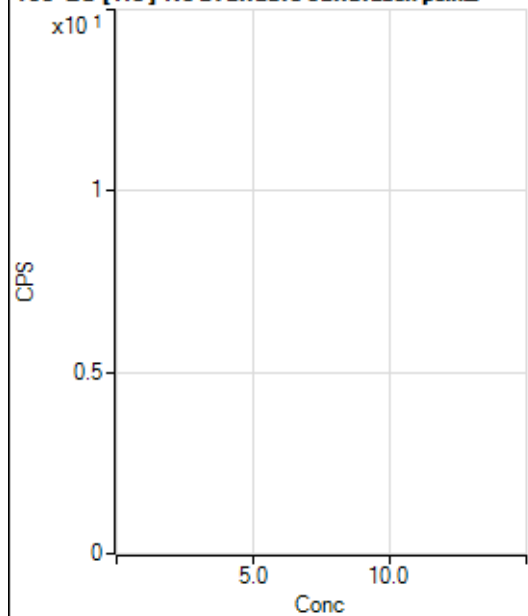
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	50.0
3	☐			34.44		P	29.6
4	☐			78.89		P	12.9
5	☐			138.89		P	16.0
6	☐			250.00		P	16.2
7	☐			510.02		P	5.6
8	☐			1234.51		P	5.7

156 Dy [He] No available calibration points

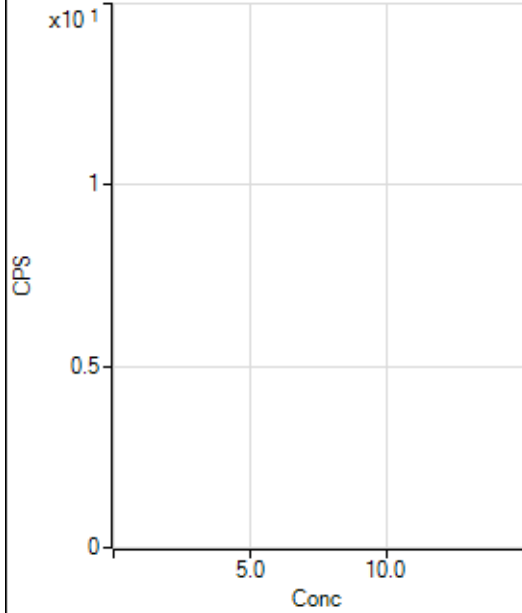
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			5.56		P	34.7
3	☐			34.44		P	36.6
4	☐			60.00		P	16.7
5	☐			146.67		P	6.8
6	☐			275.56		P	14.6
7	☐			476.68		P	4.4
8	☐			828.92		P	11.5

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

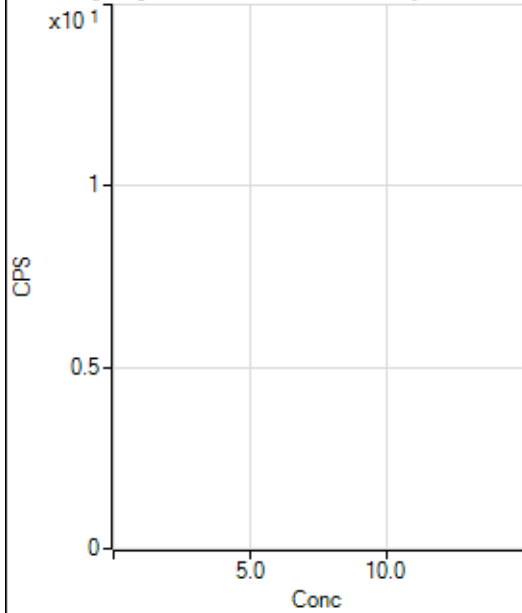
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	20.8
2	☐			65.56		P	21.2
3	☐			81.11		P	6.3
4	☐			92.22		P	23.0
5	☐			160.00		P	2.1
6	☐			210.00		P	16.1
7	☐			365.56		P	13.7
8	☐			1498.99		P	3.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			320.01		P	9.9
2	☐			285.56		P	25.0
3	☐			307.78		P	13.5
4	☐			304.45		P	11.8
5	☐			361.12		P	15.8
6	☐			428.90		P	9.8
7	☐			531.12		P	8.5
8	☐			1192.28		P	1.5

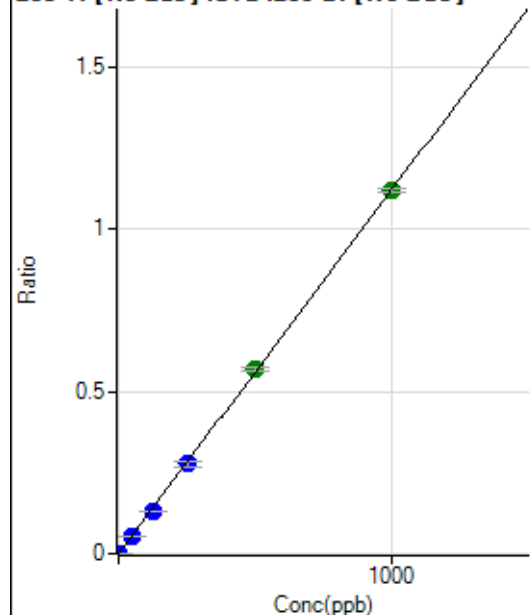
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	1.8
2	☐			100.00		P	32.8
3	☐			92.22		P	9.1
4	☐			103.34		P	6.4
5	☐			132.22		P	8.1
6	☐			110.00		P	10.9
7	☐			145.56		P	14.9
8	☐			224.45		P	7.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	7.4
2	☐			47.78		P	17.6
3	☐			54.44		P	18.7
4	☐			42.22		P	31.9
5	☐			60.00		P	20.0
6	☐			67.78		P	23.2
7	☐			92.22		P	16.3
8	☐			165.56		P	12.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176.67	0.0000	P	24.0
2	☐	1.000	0.888	6149.23	0.0010	P	4.5
3	☐	50.000	48.523	313846.68	0.0544	P	2.1
4	☐	125.000	116.791	778372.86	0.1309	P	2.5
5	☐	250.000	246.320	1530234.44	0.2761	P	7.8
6	☐	500.000	508.138	3254058.77	0.5694	A	2.8
7	☐	1000.000	997.951	5885905.47	1.1183	A	1.1
8	☐			2538.04	0.0006	P	5.2

$$y = 0.0011 * x + 2.9717E-005$$

$$R = 0.9999$$

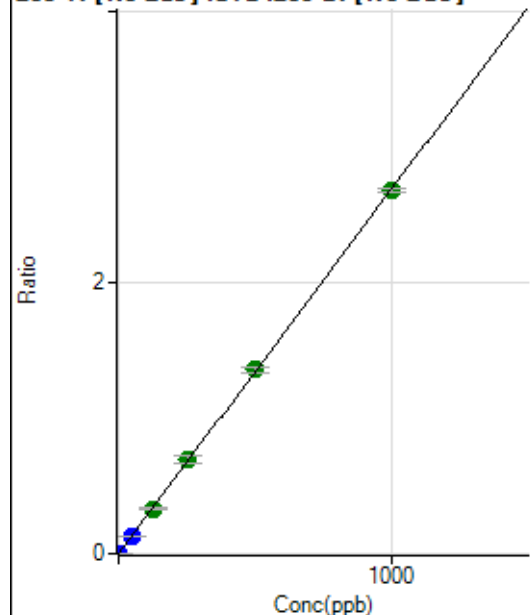
$$DL = 0.0191$$

$$BEC = 0.02652$$

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	380.01	0.0001	P	2.5
2	☐	1.000	0.892	14752.52	0.0025	P	1.1
3	☐	50.000	48.386	749895.18	0.1300	P	1.2
4	☐	125.000	122.749	1959925.36	0.3297	A	3.7
5	☐	250.000	260.656	3879867.06	0.6999	A	7.8
6	☐	500.000	504.034	7731479.75	1.3534	A	3.9
7	☐	1000.000	995.681	14071813.27	2.6736	A	1.1
8	☐			6063.63	0.0014	P	3.6

$$y = 0.0027 * x + 6.3975E-005$$

$$R = 0.9999$$

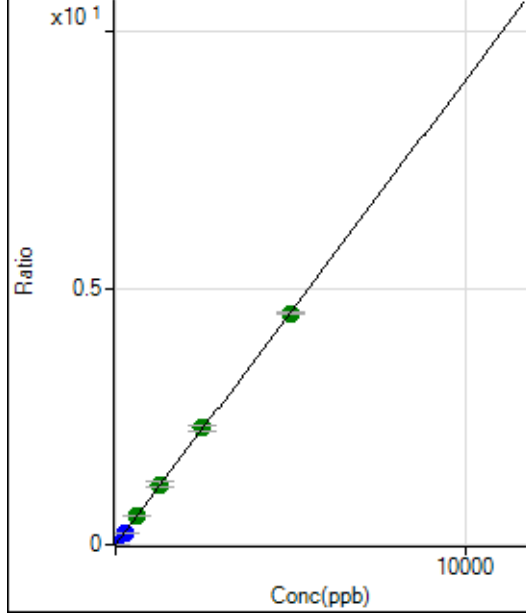
$$DL = 0.001778$$

$$BEC = 0.02383$$

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	304.45	0.0001	P	7.5
2	☐	1.000	0.910	5247.73	0.0009	P	4.5
3	☐	250.000	243.493	1271721.21	0.2204	P	1.6
4	☐	625.000	617.957	3325521.79	0.5594	A	4.0
5	☐	1250.000	1298.554	6516713.38	1.1754	A	7.3
6	☐	2500.000	2510.318	12979519.39	2.2721	A	3.9
7	☐	5000.000	4983.908	23742443.81	4.5110	A	1.2
8	☐			13966.15	0.0032	P	3.8

$$y = 9.0510\text{E-}004 * x + 5.1243\text{E-}005$$

$$R = 0.9999$$

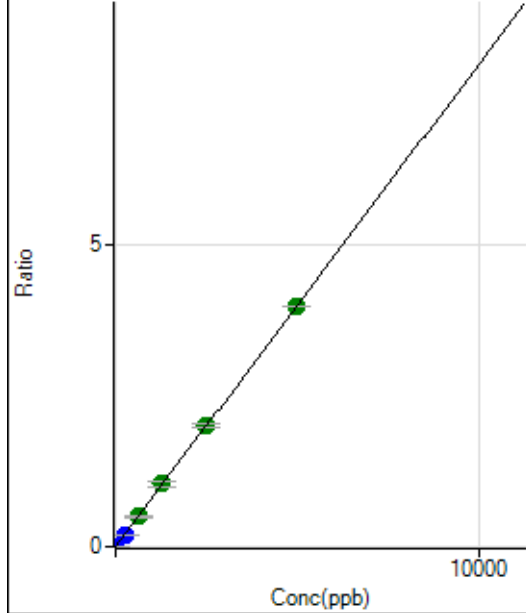
$$DL = 0.01281$$

$$BEC = 0.05662$$

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	243.34	0.0000	P	4.0
2	☐	1.000	0.887	4490.78	0.0007	P	4.0
3	☐	250.000	239.585	1103038.39	0.1912	P	1.6
4	☐	625.000	618.726	2935437.63	0.4937	A	2.9
5	☐	1250.000	1307.459	5782543.73	1.0432	A	7.8
6	☐	2500.000	2507.993	11432632.05	2.0011	A	3.4
7	☐	5000.000	4982.944	20925952.19	3.9757	A	0.2
8	☐			12161.09	0.0027	P	1.4

$$y = 7.9786\text{E-}004 * x + 4.0962\text{E-}005$$

$$R = 0.9999$$

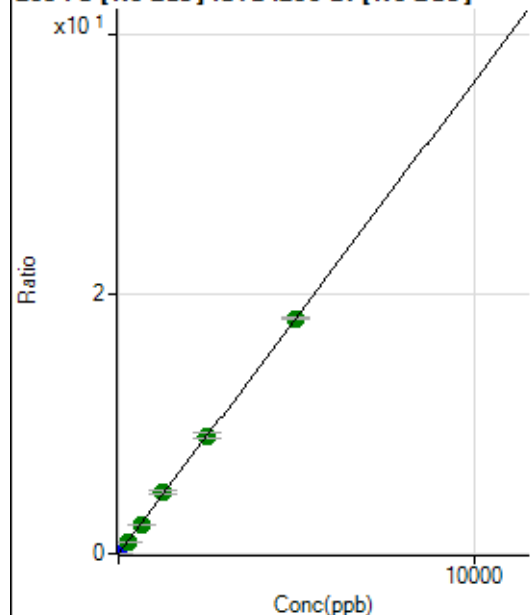
$$DL = 0.006174$$

$$BEC = 0.05134$$

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	1322.27	0.0002	P	5.6
2	☐	1.000	0.900	20973.22	0.0035	P	2.1
3	☐	250.000	249.324	5230209.32	0.9066	A	1.3
4	☐	625.000	617.182	13341160.36	2.2438	A	3.1
5	☐	1250.000	1306.512	26331867.46	4.7497	A	7.5
6	☐	2500.000	2504.858	52023036.04	9.1059	A	3.5
7	☐	5000.000	4984.454	95372369.13	18.1198	A	0.6
8	☐			55810.87	0.0126	P	1.5

$$y = 0.0036 * x + 2.2261E-004$$

$$R = 0.9999$$

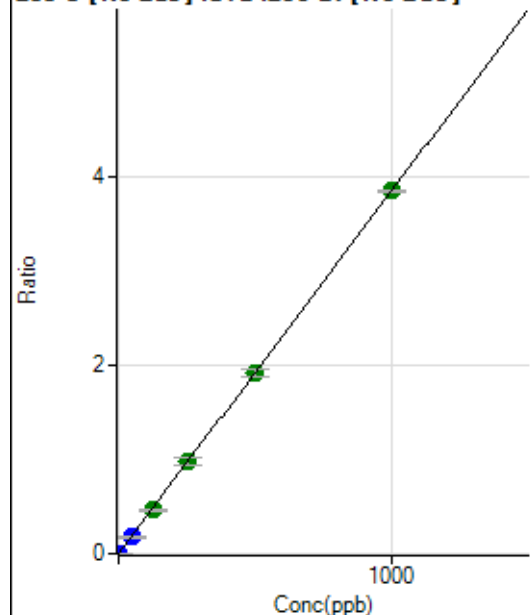
$$DL = 0.01034$$

$$BEC = 0.06124$$

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	21.11	0.0000	P	23.7
2	☐	1.000	0.832	19220.62	0.0032	P	1.3
3	☐	50.000	45.335	1006161.07	0.1744	P	1.6
4	☐	125.000	120.818	2763547.60	0.4648	A	3.0
5	☐	250.000	254.020	5418015.96	0.9772	A	7.4
6	☐	500.000	498.893	10964183.03	1.9192	A	3.7
7	☐	1000.000	1000.305	20254198.73	3.8482	A	0.8
8	☐			4676.42	0.0011	P	3.5

$$y = 0.0038 * x + 3.5520E-006$$

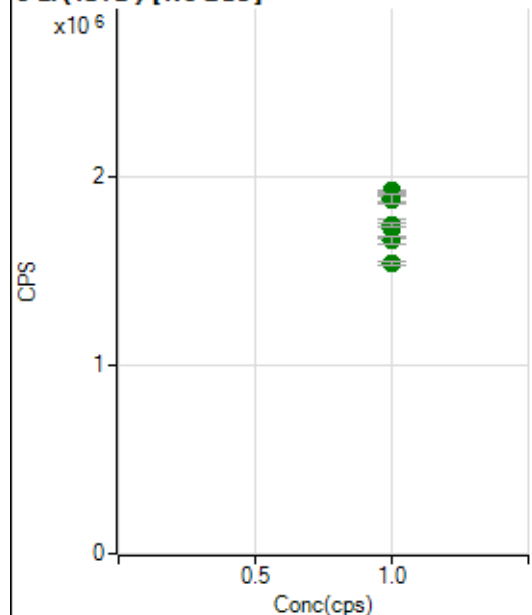
$$R = 1.0000$$

$$DL = 0.0006553$$

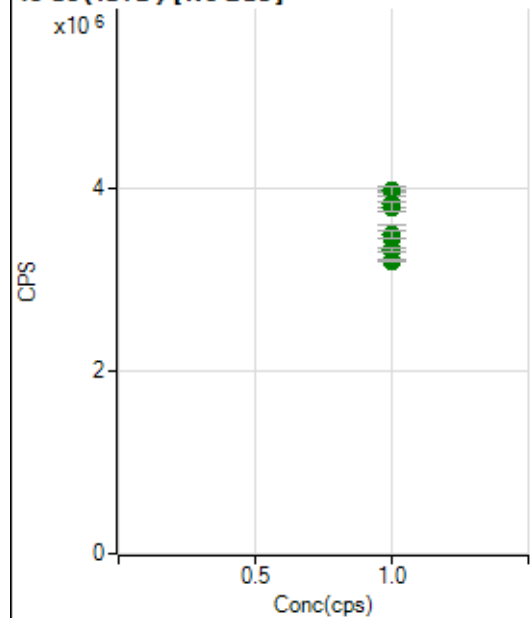
$$BEC = 0.0009233$$

Weight: <None>

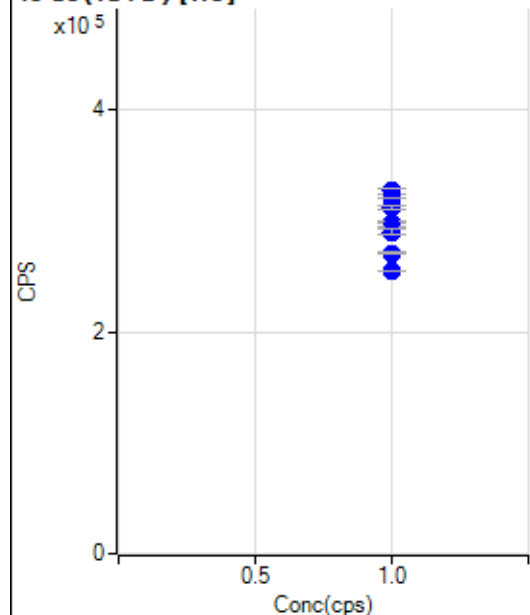
Min Conc: 0

6 Li (ISTD) [No Gas]

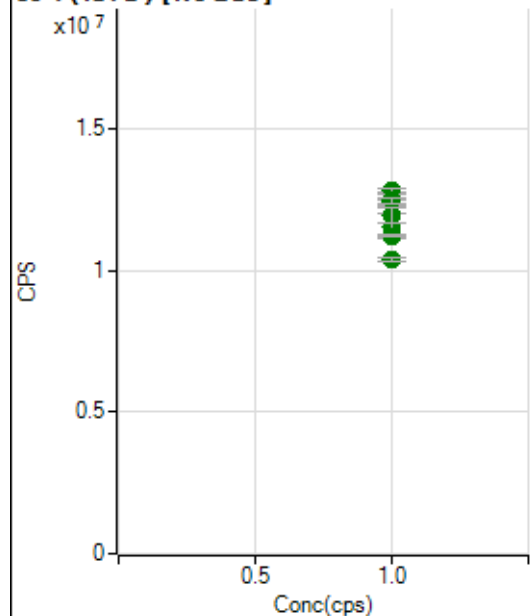
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1920320.20		A	0.8
2	☐	1.000		1901202.84		A	0.8
3	☐	1.000		1875742.82		A	1.7
4	☐	1.000		1878735.58		A	2.6
5	☐	1.000		1718986.29		A	5.9
6	☐	1.000		1737178.64		A	1.2
7	☐	1.000		1660298.55		A	2.1
8	☐	1.000		1540776.73		A	1.5

45 Sc (ISTD) [No Gas]

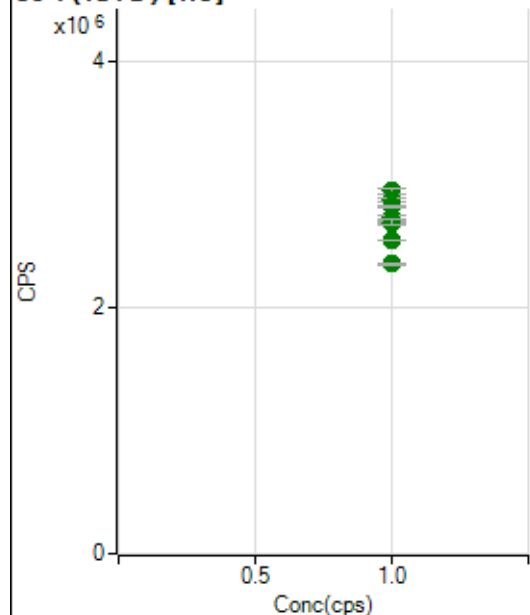
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3978761.40		A	0.5
2	☐	1.000		3976192.16		A	2.6
3	☐	1.000		3832810.26		A	1.7
4	☐	1.000		3800353.80		A	2.7
5	☐	1.000		3454329.50		A	8.2
6	☐	1.000		3502551.65		A	2.8
7	☐	1.000		3338994.29		A	1.4
8	☐	1.000		3214437.80		A	0.7

45 Sc (ISTD) [He]

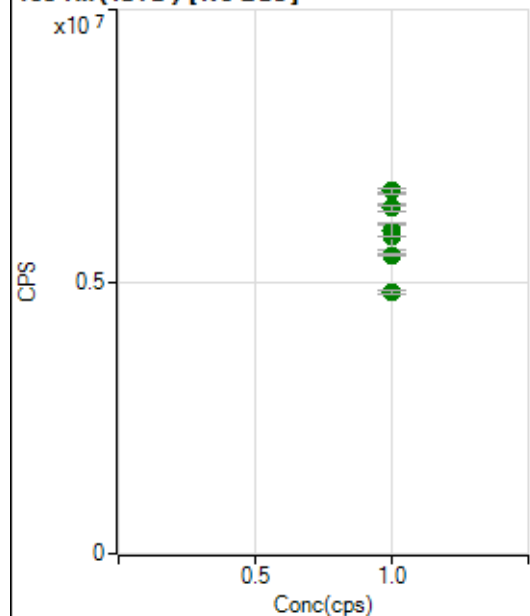
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		327119.08		P	1.3
2	☐	1.000		320655.46		P	0.3
3	☐	1.000		311945.11		P	0.9
4	☐	1.000		298959.57		P	0.7
5	☐	1.000		294298.98		P	0.2
6	☐	1.000		290063.94		P	1.9
7	☐	1.000		271194.48		P	0.2
8	☐	1.000		254790.99		P	0.3

89 Y (ISTD) [No Gas]

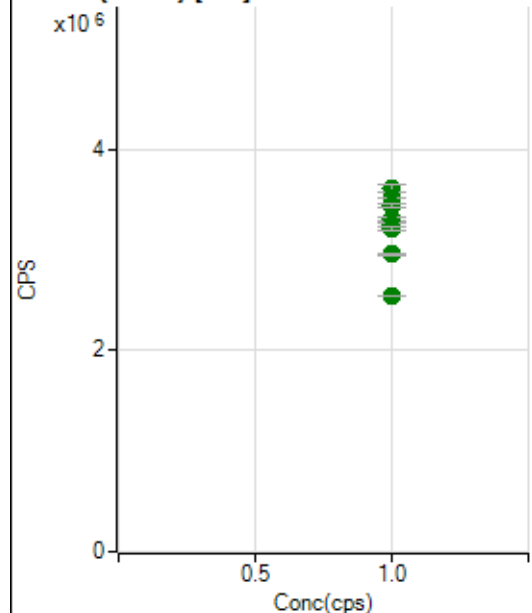
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12795858.28		A	0.1
2	☐	1.000		12829641.34		A	1.6
3	☐	1.000		12420156.76		A	1.5
4	☐	1.000		12491689.95		A	1.4
5	☐	1.000		11572637.53		A	7.7
6	☐	1.000		11994685.65		A	4.6
7	☐	1.000		11246255.11		A	0.9
8	☐	1.000		10396513.46		A	0.9

89 Y (ISTD) [He]

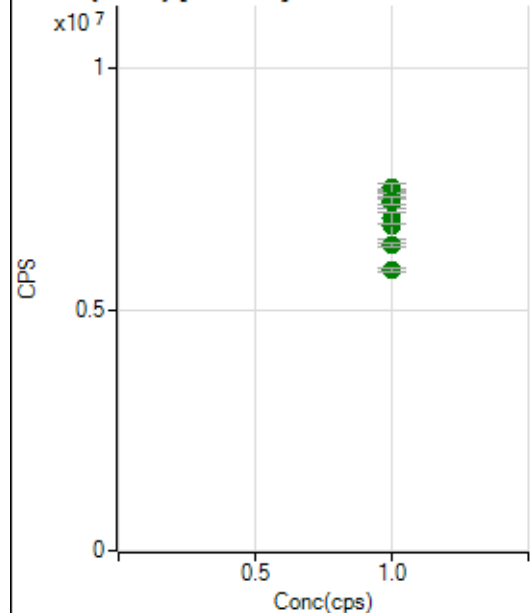
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2949504.50		A	1.9
2	☐	1.000		2872890.58		A	1.2
3	☐	1.000		2821979.37		A	0.7
4	☐	1.000		2734589.79		A	1.3
5	☐	1.000		2701915.20		A	0.4
6	☐	1.000		2693057.77		A	1.9
7	☐	1.000		2549730.57		A	0.5
8	☐	1.000		2352889.36		A	1.1

103 Rh (ISTD) [No Gas]

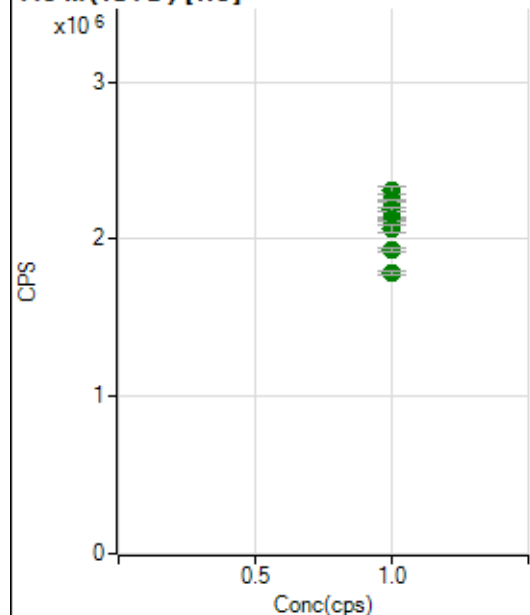
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6672328.37		A	1.0
2	☐	1.000		6677083.03		A	1.3
3	☐	1.000		6378192.27		A	2.2
4	☐	1.000		6359138.38		A	1.6
5	☐	1.000		5822284.77		A	7.9
6	☐	1.000		5949135.12		A	4.0
7	☐	1.000		5496158.25		A	0.5
8	☐	1.000		4797797.12		A	1.4

103 Rh (ISTD) [He]

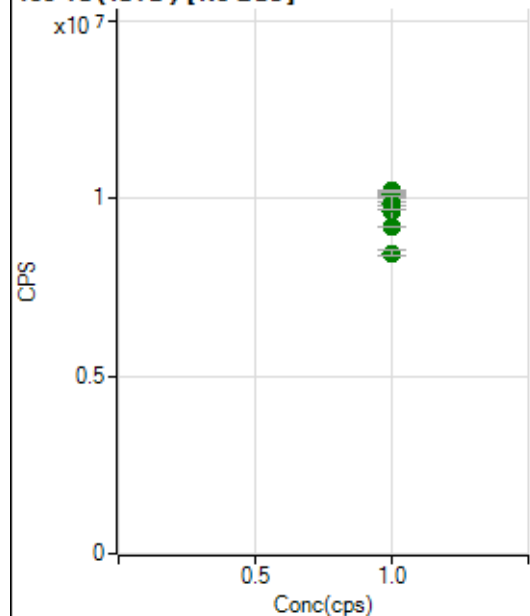
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3609216.99		A	2.3
2	☐	1.000		3516093.98		A	0.2
3	☐	1.000		3443656.51		A	1.2
4	☐	1.000		3314098.49		A	1.1
5	☐	1.000		3249088.25		A	0.8
6	☐	1.000		3214150.37		A	0.9
7	☐	1.000		2957268.19		A	0.8
8	☐	1.000		2543720.85		A	0.6

115 In (ISTD) [No Gas]

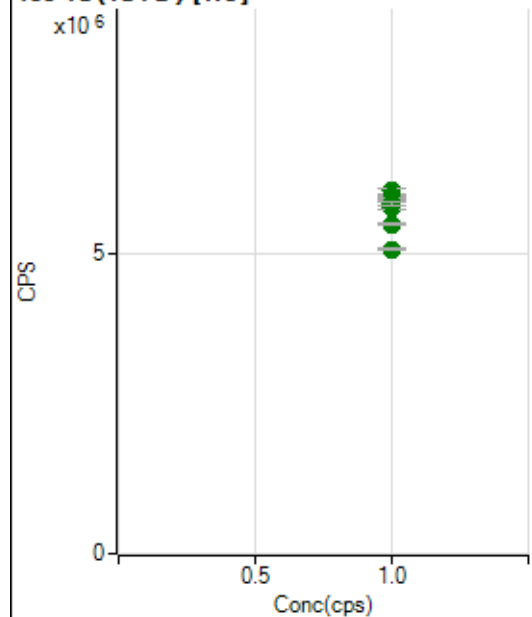
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7476571.71		A	0.5
2	☐	1.000		7528615.59		A	2.5
3	☐	1.000		7210478.35		A	2.5
4	☐	1.000		7270997.37		A	2.0
5	☐	1.000		6741995.72		A	8.1
6	☐	1.000		6896260.40		A	3.8
7	☐	1.000		6340002.90		A	0.8
8	☐	1.000		5838946.89		A	1.5

115 In (ISTD) [He]

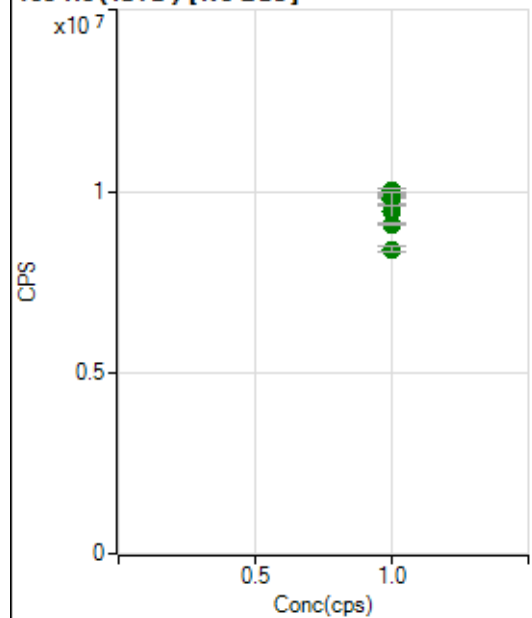
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2307358.61		A	2.0
2	☐	1.000		2245346.14		A	0.3
3	☐	1.000		2191208.79		A	1.0
4	☐	1.000		2133119.70		A	0.4
5	☐	1.000		2114083.31		A	0.2
6	☐	1.000		2068808.64		A	2.0
7	☐	1.000		1931809.34		A	1.0
8	☐	1.000		1782007.46		A	1.3

159 Tb (ISTD) [No Gas]

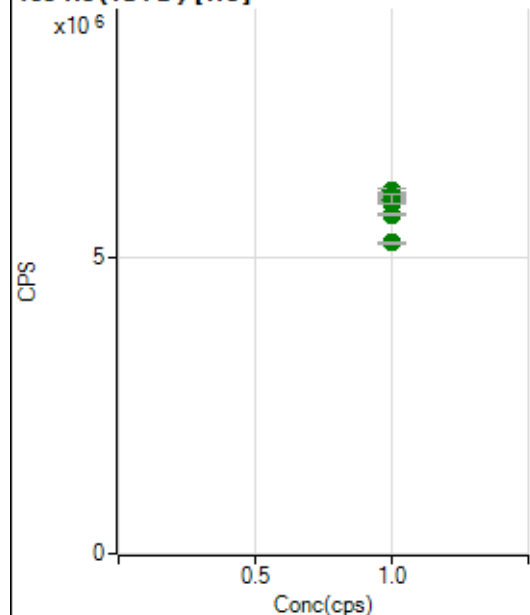
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10164715.89		A	0.5
2	☐	1.000		10135354.99		A	2.3
3	☐	1.000		9870248.74		A	1.1
4	☐	1.000		10210506.86		A	0.9
5	☐	1.000		9609104.51		A	8.0
6	☐	1.000		9871350.41		A	3.7
7	☐	1.000		9185614.45		A	0.1
8	☐	1.000		8466367.72		A	1.5

159 Tb (ISTD) [He]

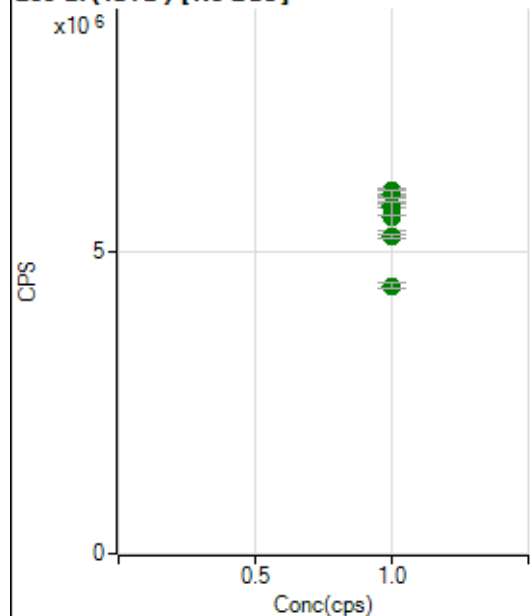
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6052797.20		A	1.5
2	☐	1.000		5960752.27		A	0.9
3	☐	1.000		5944891.93		A	0.4
4	☐	1.000		5772131.03		A	0.7
5	☐	1.000		5913509.29		A	0.8
6	☐	1.000		5841681.16		A	1.1
7	☐	1.000		5498343.67		A	0.8
8	☐	1.000		5081713.29		A	0.2

165 Ho (ISTD) [No Gas]

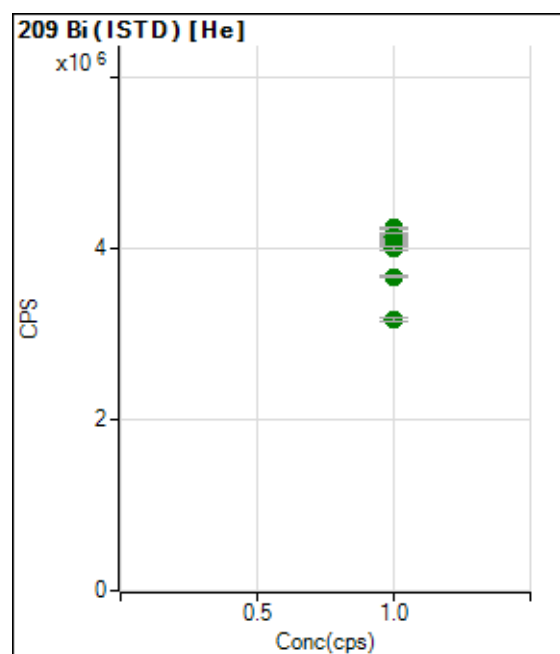
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9848670.13		A	0.1
2	☐	1.000		9925004.64		A	1.4
3	☐	1.000		9755559.99		A	1.6
4	☐	1.000		10013228.18		A	1.6
5	☐	1.000		9460534.58		A	8.0
6	☐	1.000		9800135.69		A	4.0
7	☐	1.000		9088793.48		A	0.4
8	☐	1.000		8408784.39		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6119858.45		A	1.0
2	☐	1.000		6007850.54		A	1.5
3	☐	1.000		6018868.94		A	1.2
4	☐	1.000		5919379.22		A	0.9
5	☐	1.000		6014814.77		A	0.6
6	☐	1.000		5982814.49		A	2.5
7	☐	1.000		5720361.44		A	0.6
8	☐	1.000		5243672.00		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5939321.44		A	0.8
2	☐	1.000		6001459.22		A	1.5
3	☐	1.000		5769717.62		A	1.2
4	☐	1.000		5947868.38		A	1.8
5	☐	1.000		5565017.69		A	7.6
6	☐	1.000		5718416.02		A	4.0
7	☐	1.000		5263437.94		A	1.2
8	☐	1.000		4424714.41		A	2.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4247604.24		A	0.7
2	☐	1.000		4151820.53		A	0.5
3	☐	1.000		4150106.95		A	1.7
4	☐	1.000		4080608.80		A	0.4
5	☐	1.000		4045013.31		A	0.6
6	☐	1.000		4015390.91		A	1.1
7	☐	1.000		3680477.27		A	0.5
8	☐	1.000		3174669.36		A	1.3