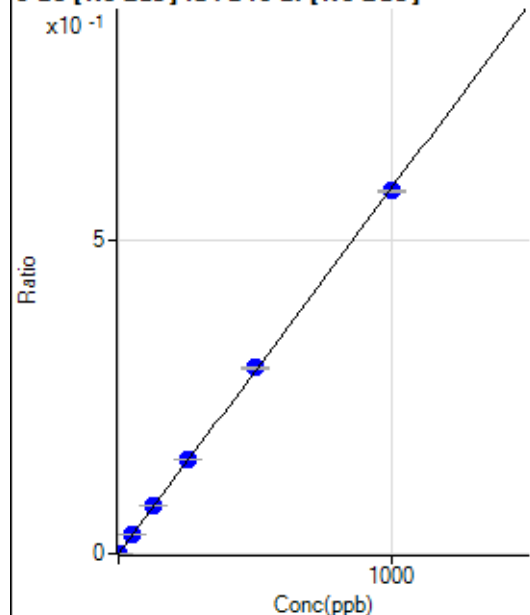


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7052121MS.b\
Analysis File: P7052121MS.batch.bin
DA Date-Time: 2021-05-21 16:34:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-05-21 07:33:09
2	005CALS.d	S01	2021-05-21 07:39:31
3	007CALS.d	S02	2021-05-21 07:45:48
4	008CALS.d	S03	2021-05-21 07:48:57
5	009CALS.d	S04	2021-05-21 07:52:06
6	010CALS.d	S05	2021-05-21 07:55:13
7	011CALS.d	S06	2021-05-21 07:58:16
8	012CALS.d	S07	2021-05-21 08:01:14
9	013CALS.d	S08	2021-05-21 08:04:11

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.86	0.0000	P	25.1
2	☐	0.100	0.103	177.78	0.0001	P	32.7
3	☐	1.000	1.064	1372.31	0.0006	P	8.0
4	☐	50.000	52.348	64891.59	0.0305	P	1.0
5	☐	125.000	130.222	159452.49	0.0758	P	0.5
6	☐	250.000	257.457	310990.04	0.1499	P	0.1
7	☐	500.000	508.973	600243.07	0.2963	P	0.5
8	☐	1000.000	992.879	1168426.00	0.5781	P	0.5
9	☐			792.63	0.0004	P	8.0

$$y = 5.8217\text{E-}004 * x + 2.4138\text{E-}005$$

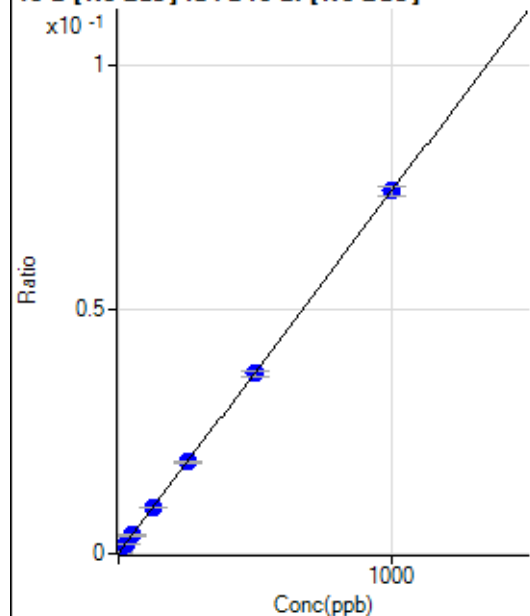
$$R = 0.9999$$

$$DL = 0.03125$$

$$BEC = 0.04146$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0001	P	56.7
2	☐	2.500	2.867	569.47	0.0003	P	12.8
3	☐	25.000	24.565	4011.75	0.0019	P	3.0
4	☐	50.000	50.257	8055.12	0.0038	P	7.7
5	☐	125.000	126.792	19913.55	0.0095	P	2.7
6	☐	250.000	251.939	38919.90	0.0188	P	3.2
7	☐	500.000	497.254	74895.99	0.0370	P	2.9
8	☐	1000.000	1000.662	150280.19	0.0744	P	2.7
9	☐			4775.87	0.0024	P	4.4

$$y = 7.4246\text{E-}005 * x + 5.6837\text{E-}005$$

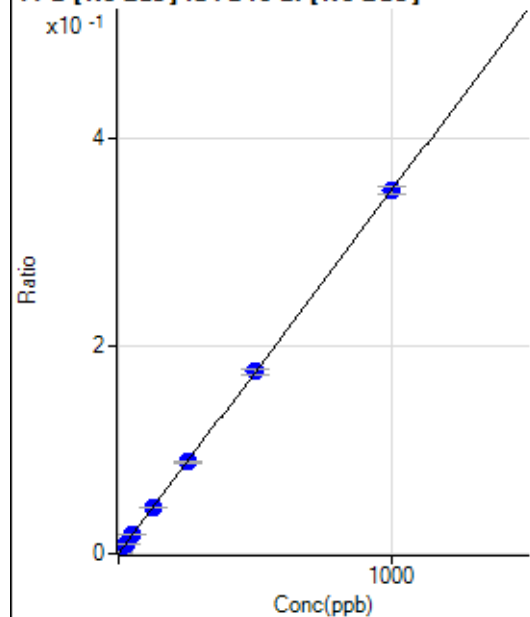
$$R = 1.0000$$

$$DL = 1.303$$

$$BEC = 0.7655$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	525.02	0.0002	P	20.0
2	☐	2.500	2.610	2444.70	0.0012	P	3.7
3	☐	25.000	24.913	19112.43	0.0090	P	2.1
4	☐	50.000	50.264	37925.74	0.0178	P	2.2
5	☐	125.000	126.764	93758.17	0.0446	P	2.5
6	☐	250.000	252.028	183402.84	0.0884	P	2.4
7	☐	500.000	500.639	355261.27	0.1754	P	2.6
8	☐	1000.000	998.942	706821.44	0.3497	P	2.1
9	☐			21877.51	0.0109	P	10.2

$$y = 3.4983\text{E-}004 * x + 2.4434\text{E-}004$$

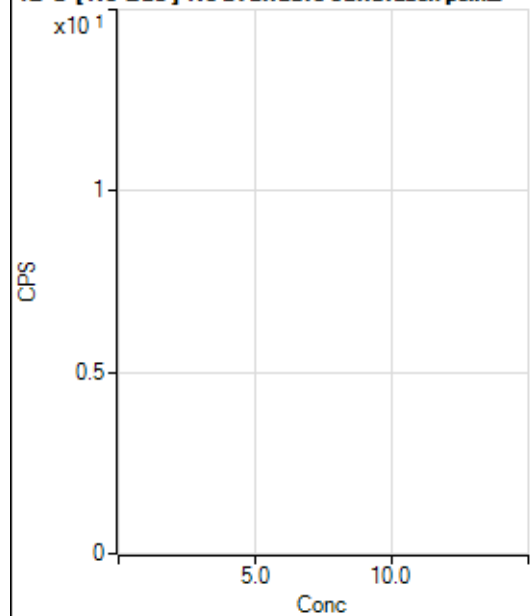
$$R = 1.0000$$

$$DL = 0.42$$

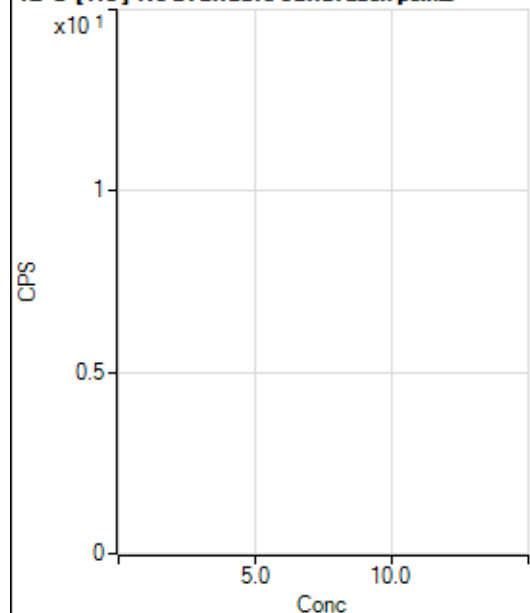
$$BEC = 0.6984$$

Weight: <None>

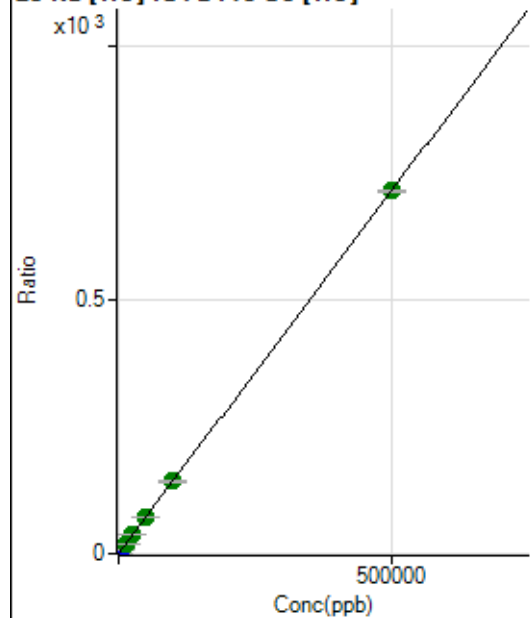
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24626.11	0.0699	P	1.8
2	☐	50.000	55.858	52857.65	0.1498	P	1.6
3	☐	500.000	511.288	286160.07	0.8012	P	0.8
4	☐	5000.000	5130.752	2632530.44	7.4088	P	0.3
5	☐	12500.000	12767.742	6503817.33	18.3325	A	0.7
6	☐	25000.000	25513.843	12787277.02	36.5641	A	0.3
7	☐	50000.000	50248.156	24980030.07	71.9434	A	0.5
8	☐	100000.00	99821.790	49907062.23	142.8520	A	1.4
9	☐	500000.00	499977.12	250624555.6	715.2222	A	0.8

$$y = 0.0014 * x + 0.0699$$

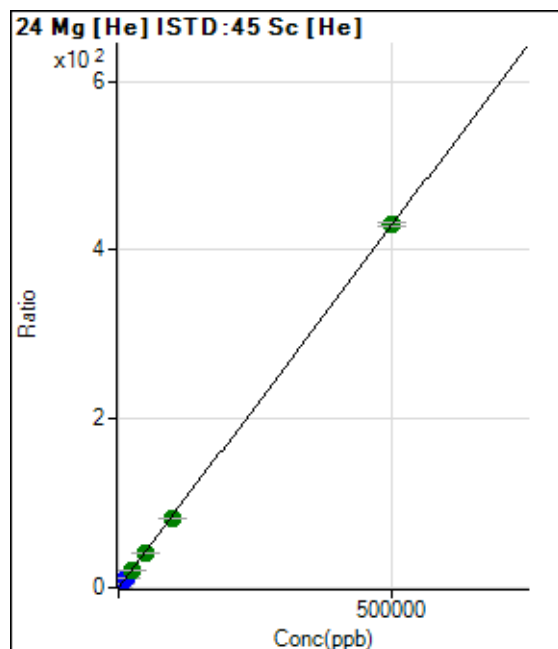
$$R = 1.0000$$

$$DL = 2.703$$

$$BEC = 48.87$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.47	0.0014	P	17.3
2	☐	50.000	50.982	15936.55	0.0452	P	3.1
3	☐	500.000	495.598	152439.19	0.4268	P	0.7
4	☐	5000.000	5027.143	1533849.43	4.3167	P	0.1
5	☐	12500.000	12455.651	3793530.60	10.6933	P	0.3
6	☐	25000.000	24826.900	7453590.71	21.3126	A	1.3
7	☐	50000.000	48525.619	14463411.43	41.6555	A	0.8
8	☐	100000.00	96297.415	28879972.87	82.6625	A	0.7
9	☐	500000.00	500897.45	150666285.3	429.9684	A	1.1

$$y = 8.5839\text{E-}004 * x + 0.0014$$

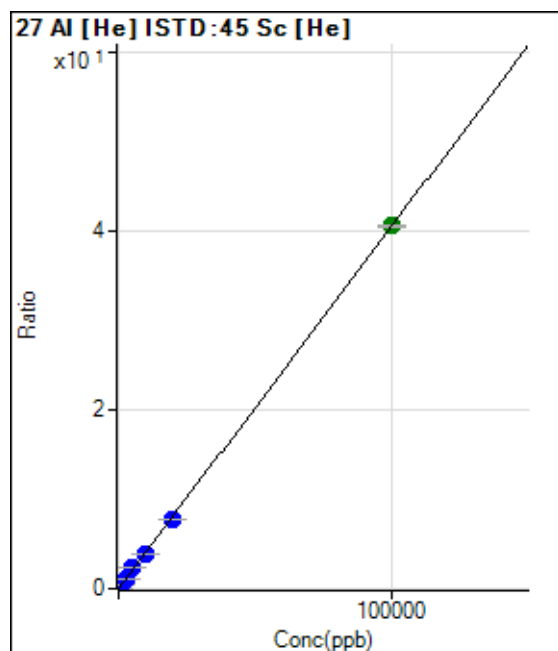
$$R = 1.0000$$

$$DL = 0.8473$$

$$BEC = 1.635$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0002	P	26.9
2	☐	2.000	2.333	411.13	0.0012	P	15.8
3	☐	20.000	21.481	3186.54	0.0089	P	5.9
4	☐	1000.000	995.091	143288.33	0.4033	P	0.7
5	☐	2500.000	2475.844	355824.56	1.0030	P	0.5
6	☐	5000.000	5906.559	836716.36	2.3925	P	0.4
7	☐	10000.000	9696.854	1363776.34	3.9277	P	0.6
8	☐	20000.000	19105.296	2703468.14	7.7383	P	1.4
9	☐	100000.00	100164.58	14216130.01	40.5693	A	0.4

$$y = 4.0502\text{E-}004 * x + 2.2073\text{E-}004$$

$$R = 0.9999$$

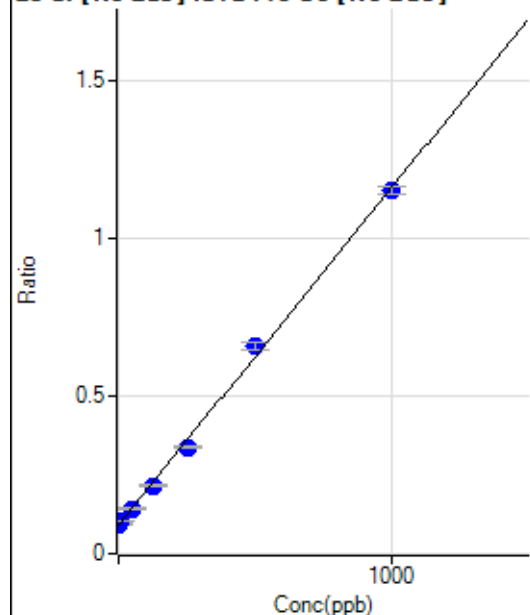
$$DL = 0.4405$$

$$BEC = 0.545$$

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	358962.99	0.0911	P	0.6
2	☐	1.000	3.089	369325.70	0.0943	P	0.9
3	☐	10.000	9.265	397419.65	0.1009	P	0.7
4	☐	50.000	48.664	567847.60	0.1430	P	1.5
5	☐	125.000	116.775	851019.18	0.2157	P	1.3
6	☐	250.000	230.827	1326053.66	0.3374	P	1.4
7	☐	500.000	530.423	2535379.11	0.6572	P	2.9
8	☐	1000.000	990.682	4439266.20	1.1485	P	2.0
9	☐			418167.09	0.1079	P	2.1

$$y = 0.0011 * x + 0.0911$$

$$R = 0.9992$$

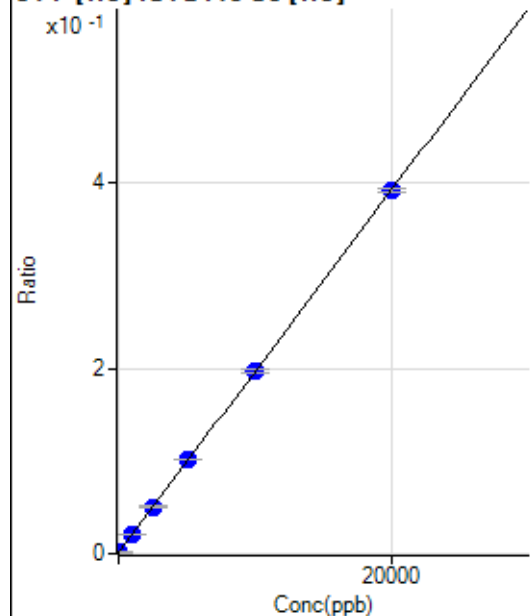
$$DL = 1.421$$

$$BEC = 85.3$$

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	-5.914	313.90	0.0009	P	19.0
2	☐	0.000	1.280	363.90	0.0010	P	14.5
3	☐	0.000	4.634	391.69	0.0011	P	15.2
4	☐	1000.000	1029.207	7518.75	0.0212	P	3.8
5	☐	2500.000	2522.252	17877.69	0.0504	P	2.1
6	☐	5000.000	5140.128	35548.45	0.1016	P	1.3
7	☐	10000.000	10016.870	68448.59	0.1971	P	1.4
8	☐	20000.000	19952.291	136833.20	0.3917	P	0.9
9	☐			513.91	0.0015	P	2.2

$$y = 1.9579E-005 * x + 0.0010$$

$$R = 1.0000$$

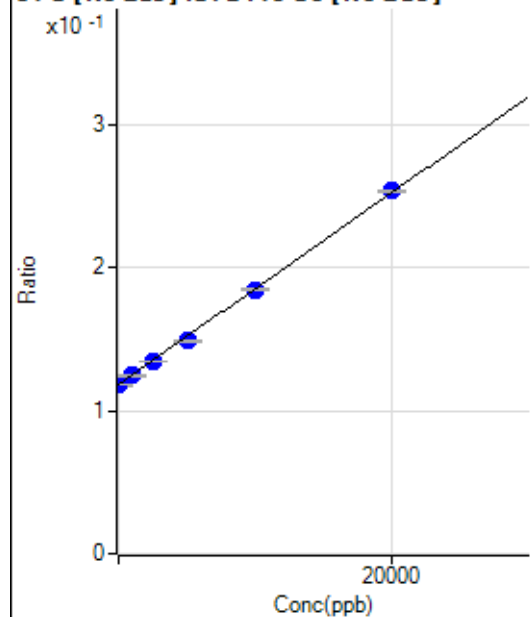
$$DL = 24.77$$

$$BEC = 51.37$$

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	-23.678	466328.15	0.1183	P	1.2
2	☐	0.000	6.284	463828.37	0.1185	P	1.1
3	☐	0.000	17.393	466821.85	0.1186	P	0.5
4	☐	1000.000	931.995	495190.53	0.1247	P	0.6
5	☐	2500.000	2404.891	530965.00	0.1346	P	0.4
6	☐	5000.000	4579.511	586154.88	0.1492	P	0.7
7	☐	10000.000	9882.572	712504.03	0.1847	P	0.6
8	☐	20000.000	20179.125	980764.72	0.2537	P	0.3
9	☐			418932.19	0.1081	P	2.3

$$y = 6.7042\text{E-}006 * x + 0.1184$$

$$R = 0.9997$$

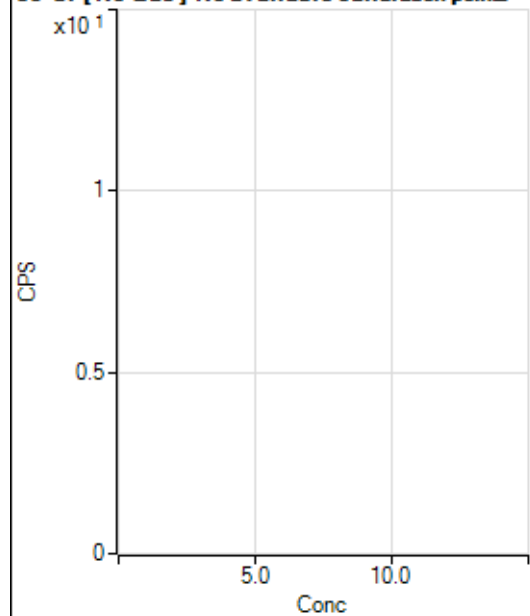
$$DL = 503$$

$$BEC = 1.767\text{E}+04$$

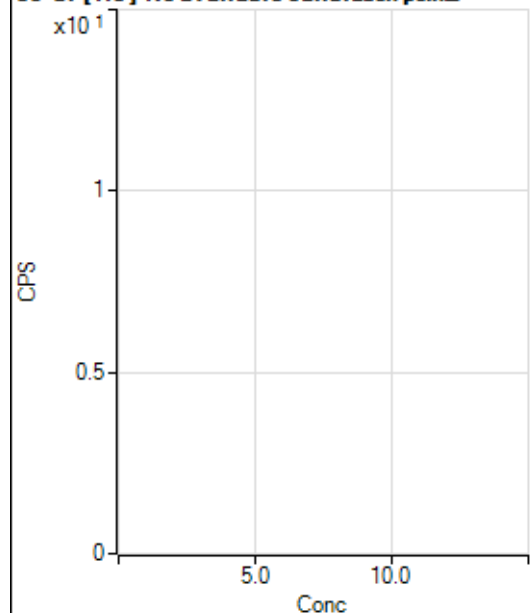
Weight: <None>

Min Conc: 0

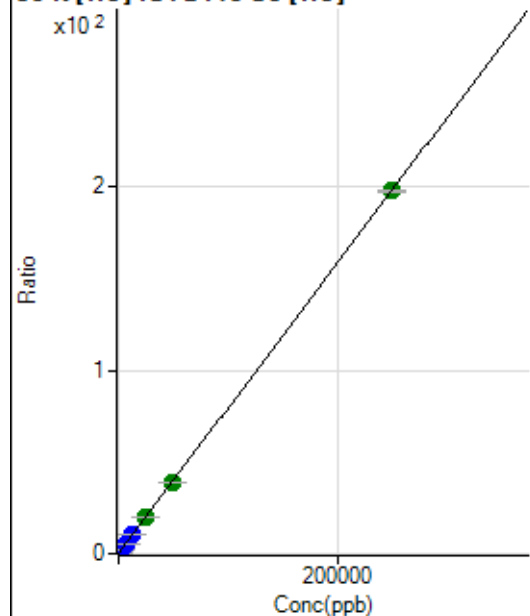
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57706.65	0.1638	P	2.5
2	☐	50.000	59.288	74366.66	0.2107	P	0.2
3	☐	500.000	518.743	205136.75	0.5744	P	0.5
4	☐	2500.000	2713.005	821174.32	2.3110	P	1.1
5	☐	6250.000	6680.452	1933746.46	5.4510	P	1.1
6	☐	12500.000	13382.126	3761222.48	10.7549	P	0.3
7	☐	25000.000	24831.770	6880730.63	19.8166	A	0.1
8	☐	50000.000	49479.126	13738853.60	39.3233	A	0.2
9	☐	250000.00	250063.96	69409055.72	198.0732	A	0.6

$$y = 7.9143\text{E-}004 * x + 0.1638$$

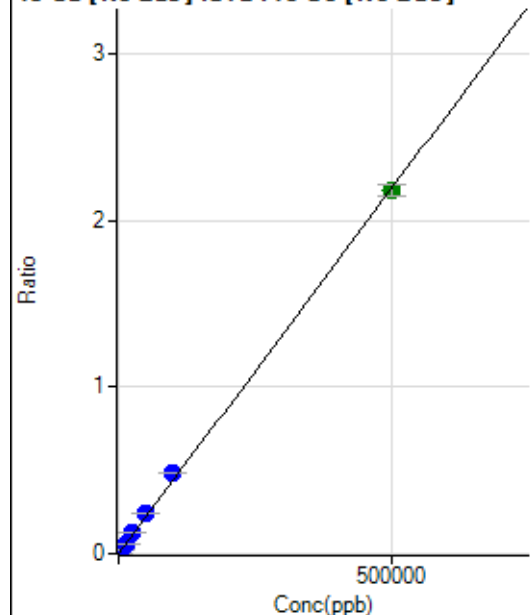
$$R = 1.0000$$

$$DL = 15.51$$

$$BEC = 207$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	24.6
2	☐	50.000	53.361	1091.74	0.0003	P	2.6
3	☐	500.000	538.686	9469.95	0.0024	P	3.9
4	☐	5000.000	5717.256	99639.71	0.0251	P	0.6
5	☐	12500.000	14115.311	244150.15	0.0619	P	0.7
6	☐	25000.000	28201.077	485674.48	0.1236	P	0.9
7	☐	50000.000	56229.007	950395.05	0.2464	P	0.6
8	☐	100000.00	110940.21	1878697.29	0.4860	P	0.6
9	☐	500000.00	496981.40	8439466.25	2.1772	A	3.0

$$y = 4.3808\text{E-}006 * x + 4.5131\text{E-}005$$

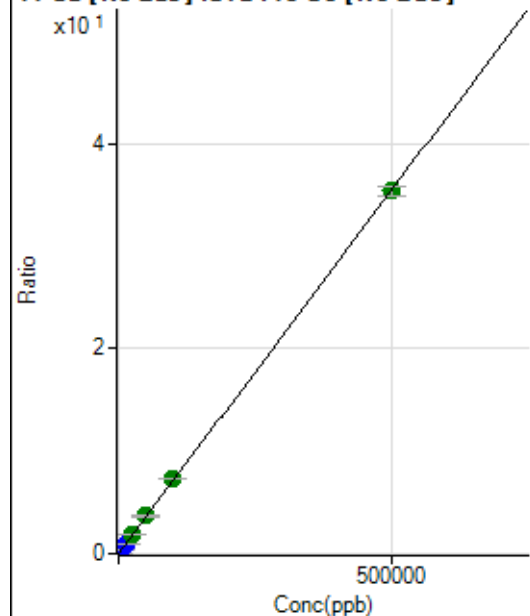
$$R = 0.9997$$

$$DL = 7.609$$

$$BEC = 10.3$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12002.06	0.0030	P	2.6
2	☐	50.000	59.274	28381.19	0.0073	P	2.1
3	☐	500.000	541.600	163293.18	0.0415	P	0.1
4	☐	5000.000	5548.867	1575622.41	0.3968	P	0.7
5	☐	12500.000	13720.430	3853141.81	0.9766	P	0.8
6	☐	25000.000	25836.813	7216809.00	1.8363	A	1.1
7	☐	50000.000	51739.200	14173862.30	3.6742	A	1.1
8	☐	100000.00	102813.69	28209932.20	7.2983	A	0.3
9	☐	500000.00	499185.45	137318104.1	35.4232	A	2.4

$$y = 7.0956\text{E-}005 * x + 0.0030$$

$$R = 1.0000$$

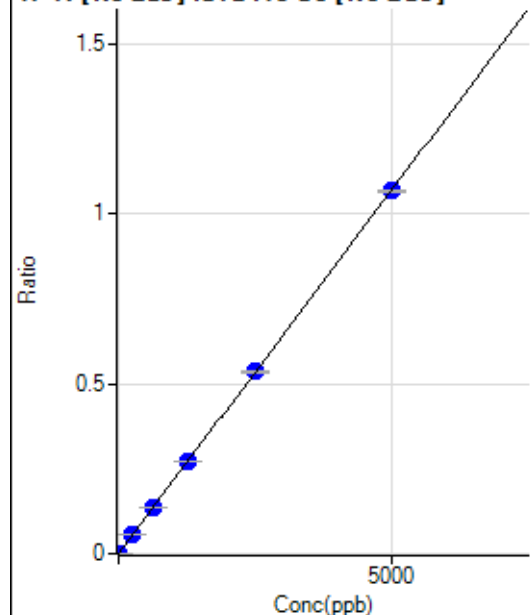
$$DL = 3.399$$

$$BEC = 42.91$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	37.1
2	☐	0.500	0.502	505.58	0.0001	P	11.0
3	☐	5.000	5.089	4367.44	0.0011	P	1.1
4	☐	250.000	253.132	214879.33	0.0541	P	0.6
5	☐	625.000	634.374	534902.67	0.1356	P	0.2
6	☐	1250.000	1269.167	1065823.76	0.2712	P	0.6
7	☐	2500.000	2501.954	2062367.49	0.5346	P	0.2
8	☐	5000.000	4992.903	4123791.11	1.0669	P	0.5
9	☐			2503.07	0.0006	P	6.6

$$y = 2.1368\text{E-}004 * x + 2.1879\text{E-}005$$

$$R = 1.0000$$

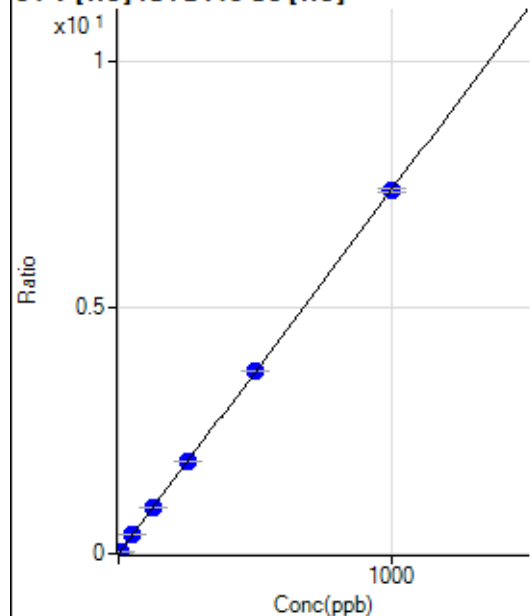
$$DL = 0.1139$$

$$BEC = 0.1024$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	23.7
2	☐	0.500	0.541	1420.08	0.0040	P	6.0
3	☐	5.000	5.069	13398.39	0.0375	P	1.5
4	☐	50.000	51.099	134308.23	0.3780	P	1.7
5	☐	125.000	126.225	331252.22	0.9337	P	0.3
6	☐	250.000	254.342	657973.82	1.8814	P	0.8
7	☐	500.000	501.952	1289258.36	3.7131	P	0.3
8	☐	1000.000	997.730	2578508.66	7.3804	P	1.0
9	☐			1266.74	0.0036	P	10.2

$$y = 0.0074 * x + 2.2052\text{E-}005$$

$$R = 1.0000$$

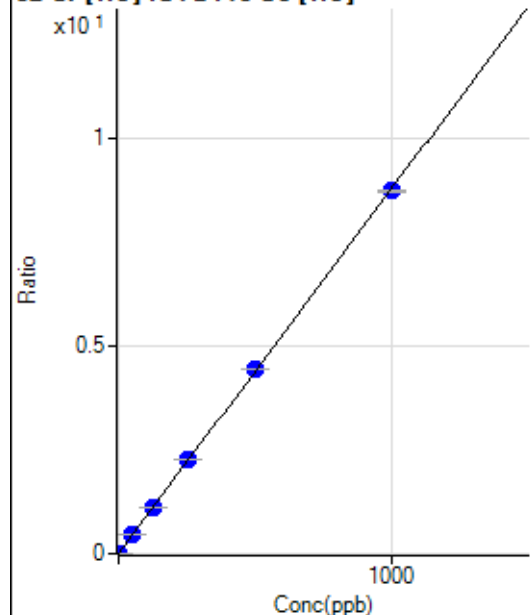
$$DL = 0.002121$$

$$BEC = 0.002981$$

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	1345.63	0.0038	P	4.5
2	☐	0.200	0.219	2027.94	0.0057	P	5.6
3	☐	2.000	2.106	7965.55	0.0223	P	2.7
4	☐	50.000	51.892	163211.28	0.4594	P	1.1
5	☐	125.000	127.674	398952.47	1.1246	P	0.9
6	☐	250.000	257.152	790794.07	2.2612	P	0.4
7	☐	500.000	506.795	1546078.31	4.4527	P	0.5
8	☐	1000.000	994.385	3051058.32	8.7330	P	0.7
9	☐			21739.42	0.0620	P	1.9

$$y = 0.0088 * x + 0.0038$$

$$R = 0.9999$$

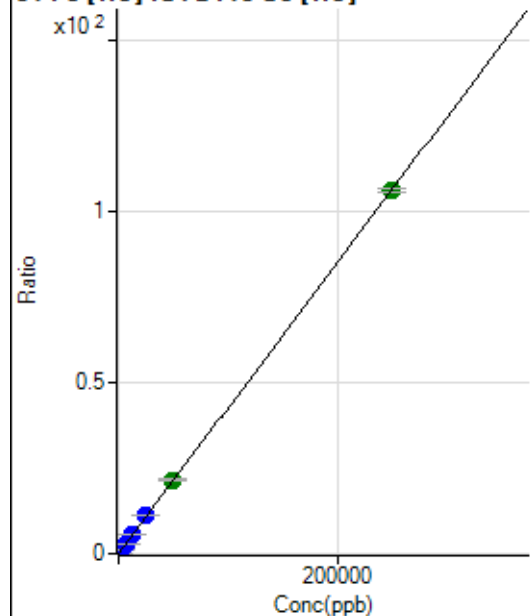
$$DL = 0.05821$$

$$BEC = 0.4352$$

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	987.72	0.0028	P	17.7
2	☐	5.000	6.341	1938.79	0.0055	P	7.0
3	☐	50.000	56.942	9629.74	0.0270	P	1.8
4	☐	2500.000	2714.690	410195.89	1.1545	P	1.9
5	☐	6250.000	6723.732	1012974.07	2.8554	P	0.7
6	☐	12500.000	13402.104	1989488.17	5.6888	P	0.3
7	☐	25000.000	26295.172	3874576.47	11.1588	P	0.2
8	☐	50000.000	50838.144	7536501.60	21.5715	A	1.3
9	☐	250000.00	249643.75	37115647.67	105.9170	A	1.1

$$y = 4.2426E-004 * x + 0.0028$$

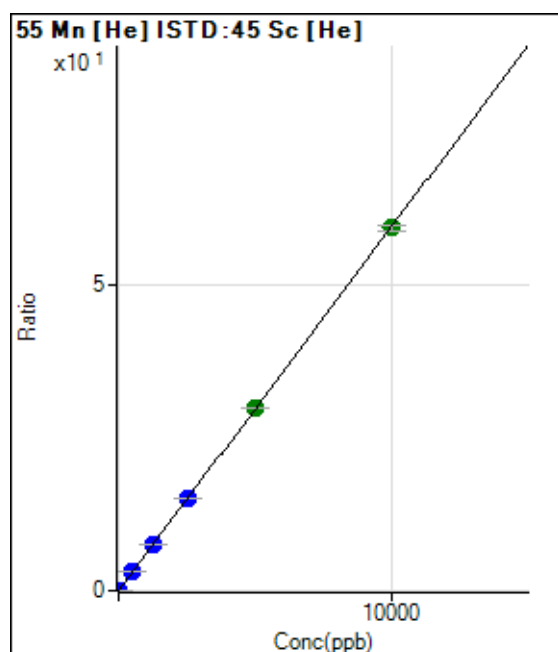
$$R = 1.0000$$

$$DL = 3.519$$

$$BEC = 6.608$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0003	P	14.7
2	☒	0.100					
3	☐	1.000	1.028	2286.87	0.0064	P	3.4
4	☐	500.000	514.976	1089993.38	3.0680	P	2.1
5	☐	1250.000	1271.133	2686377.49	7.5724	P	0.2
6	☐	2500.000	2536.252	5283813.43	15.1086	P	0.1
7	☐	5000.000	5030.446	10405104.29	29.9665	A	0.4
8	☐	10000.000	9972.324	20754501.77	59.4050	A	1.3
9	☐			18007.78	0.0514	P	6.0

$$y = 0.0060 * x + 2.7779E-004$$

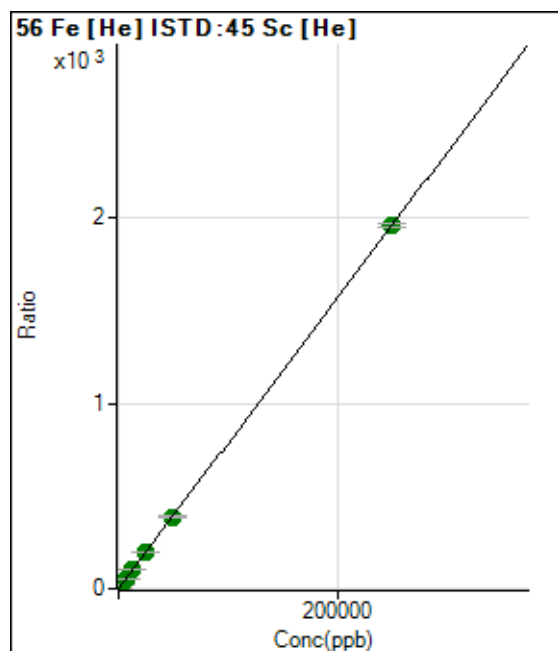
$$R = 1.0000$$

$$DL = 0.02052$$

$$BEC = 0.04663$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5519.63	0.0157	P	3.4
2	☐	5.000	5.467	20623.93	0.0584	P	0.6
3	☐	50.000	52.845	153275.71	0.4292	P	0.3
4	☐	2500.000	2529.427	7037404.67	19.8079	A	2.1
5	☐	6250.000	6270.191	17411287.43	49.0786	A	0.2
6	☐	12500.000	12729.986	34840985.96	99.6251	A	0.6
7	☐	25000.000	25144.737	68322609.86	196.7679	A	0.6
8	☐	50000.000	49619.561	135656534.5	388.2781	A	0.4
9	☐	250000.00	250049.31	685617185.6	1,956.598	A	1.1

$$y = 0.0078 * x + 0.0157$$

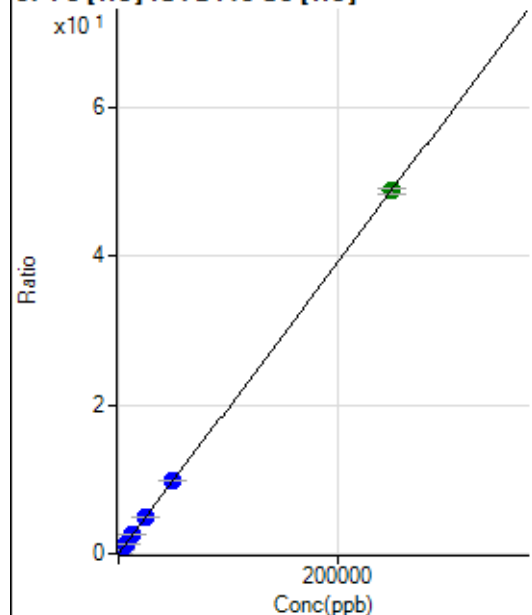
$$R = 1.0000$$

$$DL = 0.2023$$

$$BEC = 2.003$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.93	0.0005	P	18.6
2	☐	5.000	5.972	587.06	0.0017	P	8.5
3	☐	50.000	52.975	3867.24	0.0108	P	6.4
4	☐	2500.000	2614.801	181280.82	0.5102	P	2.1
5	☐	6250.000	6514.553	450706.17	1.2705	P	0.8
6	☐	12500.000	13088.426	892490.03	2.5520	P	0.1
7	☐	25000.000	25566.205	1730715.49	4.9845	P	0.1
8	☐	50000.000	50303.936	3426335.99	9.8069	P	0.2
9	☐	250000.00	249845.40	17067217.28	48.7063	A	1.3

$$y = 1.9494\text{E-}004 * x + 4.9970\text{E-}004$$

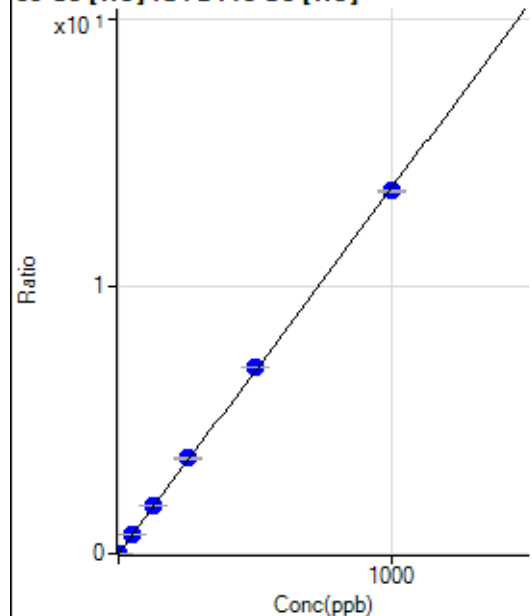
$$R = 1.0000$$

$$DL = 1.427$$

$$BEC = 2.563$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0003	P	18.3
2	☐	0.100	0.113	662.24	0.0019	P	10.0
3	☐	1.000	1.050	5253.21	0.0147	P	1.9
4	☐	50.000	52.529	255755.99	0.7198	P	1.2
5	☐	125.000	130.018	631891.21	1.7812	P	0.5
6	☐	250.000	260.508	1247986.26	3.5685	P	0.3
7	☐	500.000	508.776	2419797.39	6.9690	P	0.1
8	☐	1000.000	992.231	4748274.37	13.5909	P	0.8
9	☐			8662.63	0.0247	P	3.9

$$y = 0.0137 * x + 3.3135\text{E-}004$$

$$R = 0.9999$$

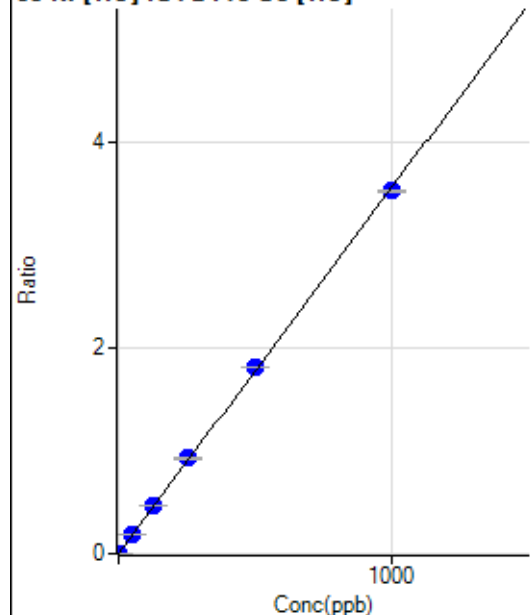
$$DL = 0.01325$$

$$BEC = 0.02419$$

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	157.78	0.0004	P	11.9
2	☐	0.100	0.119	307.79	0.0009	P	7.0
3	☐	1.000	1.086	1542.32	0.0043	P	3.4
4	☐	50.000	52.655	66811.17	0.1880	P	1.6
5	☐	125.000	129.861	164285.60	0.4631	P	0.9
6	☐	250.000	260.491	324710.24	0.9285	P	0.3
7	☐	500.000	509.810	630802.26	1.8167	P	0.6
8	☐	1000.000	991.732	1234565.51	3.5336	P	0.6
9	☐			4688.58	0.0134	P	2.4

$$y = 0.0036 * x + 4.4754E-004$$

$$R = 0.9999$$

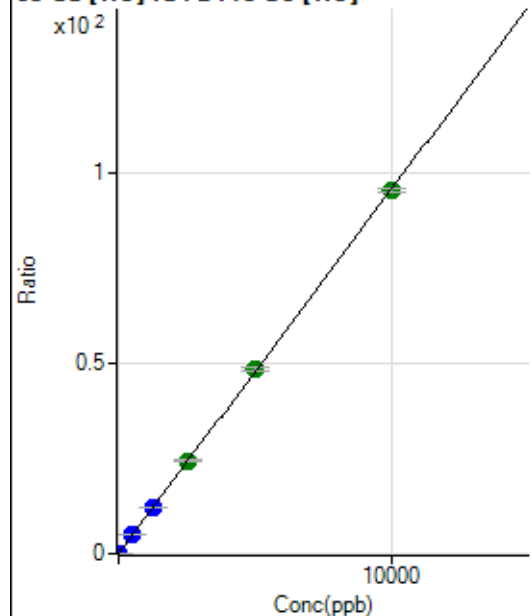
$$DL = 0.04467$$

$$BEC = 0.1256$$

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	764.47	0.0022	P	11.5
2	☒	0.200					
3	☐	2.000	2.114	7997.81	0.0224	P	3.7
4	☐	500.000	519.010	1765097.68	4.9677	P	0.8
5	☐	1250.000	1265.274	4295261.22	12.1075	P	0.2
6	☐	2500.000	2553.359	8544121.89	24.4310	A	0.5
7	☐	5000.000	5062.979	16819468.36	48.4414	A	1.1
8	☐	10000.000	9952.311	33266765.89	95.2194	A	1.0
9	☐			30782.39	0.0878	P	3.5

$$y = 0.0096 * x + 0.0022$$

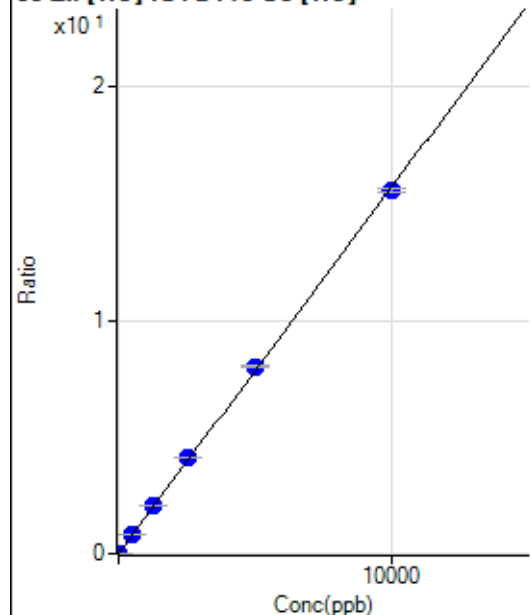
$$R = 1.0000$$

$$DL = 0.07823$$

$$BEC = 0.2269$$

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	261.12	0.0007	P	12.1
2	☒	0.200					
3	☐	2.000	2.470	1647.89	0.0046	P	3.5
4	☐	500.000	536.413	299145.75	0.8419	P	0.1
5	☐	1250.000	1319.823	734463.17	2.0703	P	0.7
6	☐	2500.000	2633.845	1444644.70	4.1308	P	0.2
7	☐	5000.000	5106.042	2780324.61	8.0074	P	0.7
8	☐	10000.000	9902.969	5425517.83	15.5294	P	0.9
9	☐			15785.28	0.0450	P	0.7

$$y = 0.0016 * x + 7.4067E-004$$

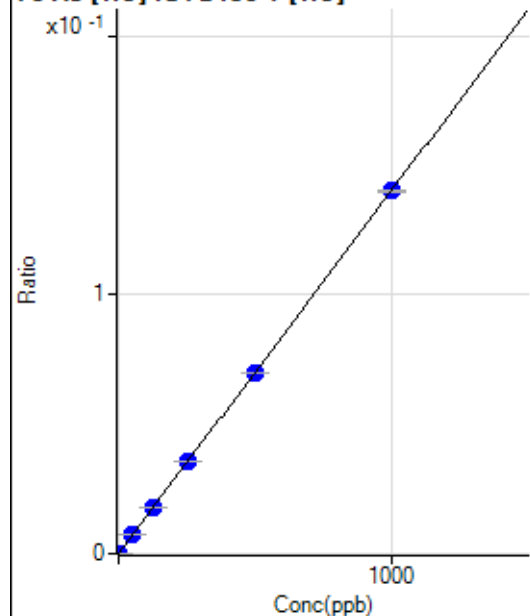
$$R = 0.9998$$

$$DL = 0.1719$$

$$BEC = 0.4723$$

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	11.73	0.0000	P	59.8
2	☐	0.100	0.075	38.27	0.0000	P	12.6
3	☐	1.000	1.005	372.23	0.0001	P	7.5
4	☐	50.000	50.911	18162.57	0.0071	P	2.1
5	☐	125.000	127.569	45426.03	0.0179	P	1.1
6	☐	250.000	253.483	90017.61	0.0355	P	0.2
7	☐	500.000	498.789	176074.26	0.0699	P	0.3
8	☐	1000.000	999.368	353987.44	0.1400	P	0.6
9	☐			242.60	0.0001	P	10.6

$$y = 1.4010E-004 * x + 4.6321E-006$$

$$R = 1.0000$$

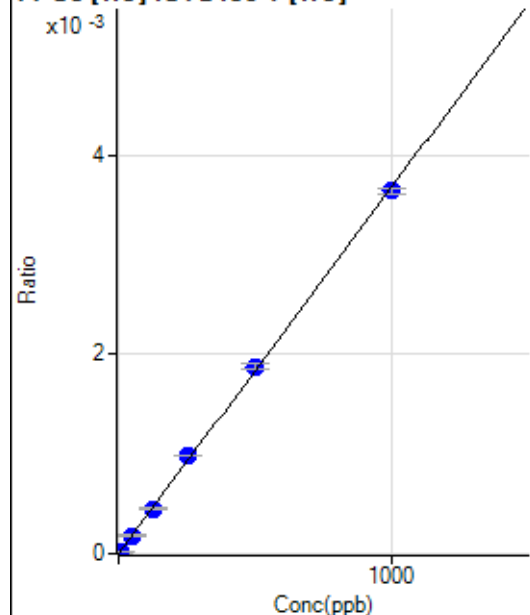
$$DL = 0.05933$$

$$BEC = 0.03306$$

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	☐	0.500	0.597	5.56	0.0000	P	34.5
3	☐	5.000	5.664	53.33	0.0000	P	37.8
4	☐	50.000	49.187	460.01	0.0002	P	5.9
5	☐	125.000	122.333	1142.28	0.0004	P	5.4
6	☐	250.000	268.901	2504.68	0.0010	P	0.7
7	☐	500.000	510.819	4729.71	0.0019	P	3.4
8	☐	1000.000	990.236	9200.77	0.0036	P	1.9
9	☐			10.00	0.0000	P	88.1

$$y = 3.6753\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

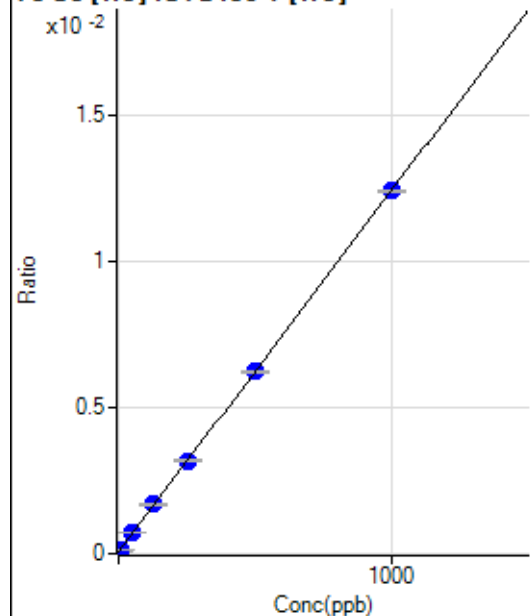
$$DL = 0$$

$$BEC = 0$$

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	166.05	0.0001	P	26.3
2	☐	0.500	-0.187	160.50	0.0001	P	3.7
3	☐	5.000	5.715	349.39	0.0001	P	3.9
4	☐	50.000	53.855	1863.09	0.0007	P	2.0
5	☐	125.000	130.724	4277.19	0.0017	P	1.2
6	☐	250.000	252.236	8075.74	0.0032	P	2.0
7	☐	500.000	499.157	15725.83	0.0062	P	0.8
8	☐	1000.000	998.951	31414.69	0.0124	P	0.6
9	☐			184.57	0.0001	P	6.5

$$y = 1.2373\text{E-}005 * x + 6.5704\text{E-}005$$

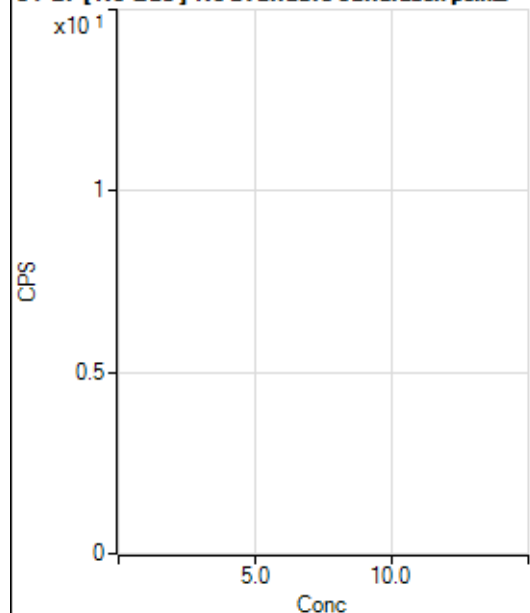
$$R = 1.0000$$

$$DL = 4.182$$

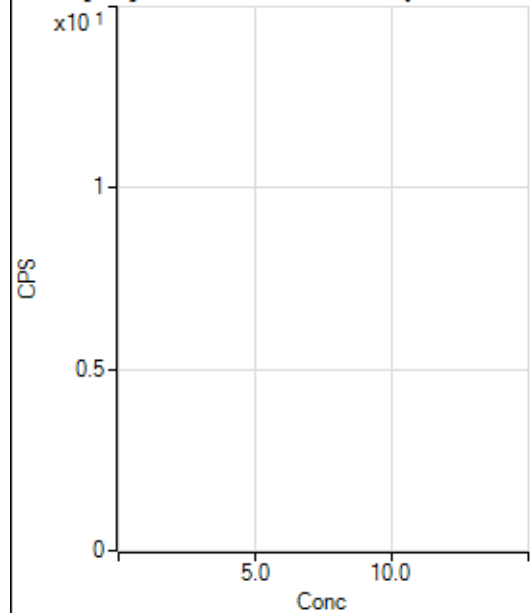
$$BEC = 5.31$$

Weight: <None>

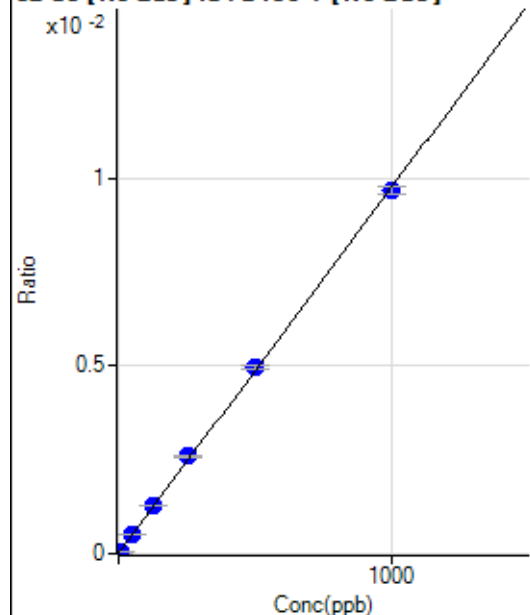
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5176.09		P	2.1
2	☐			5378.94		P	2.0
3	☐			5006.58		P	7.1
4	☐			5139.94		P	1.6
5	☐			5109.40		P	4.3
6	☐			5142.72		P	2.8
7	☐			5492.88		P	2.5
8	☐			5392.83		P	1.0
9	☐			5234.43		P	0.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.42		P	30.2
2	☐			66.74		P	70.9
3	☐			70.07		P	24.7
4	☐			76.74		P	15.1
5	☐			63.40		P	24.1
6	☐			103.44		P	31.1
7	☐			76.75		P	41.9
8	☐			103.44		P	5.6
9	☐			56.72		P	20.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.89	0.0000	P	48.8
2	☒	0.500					
3	☐	5.000	4.740	550.18	0.0001	P	17.6
4	☐	50.000	50.937	5166.23	0.0005	P	4.2
5	☐	125.000	131.897	13238.46	0.0013	P	0.7
6	☐	250.000	265.106	26357.69	0.0026	P	1.0
7	☐	500.000	509.142	50219.31	0.0050	P	1.3
8	☐	1000.000	990.745	100018.28	0.0097	P	2.0
9	☐			104.86	0.0000	P	121.

$$y = 9.7512E-006 * x + 7.6685E-006$$

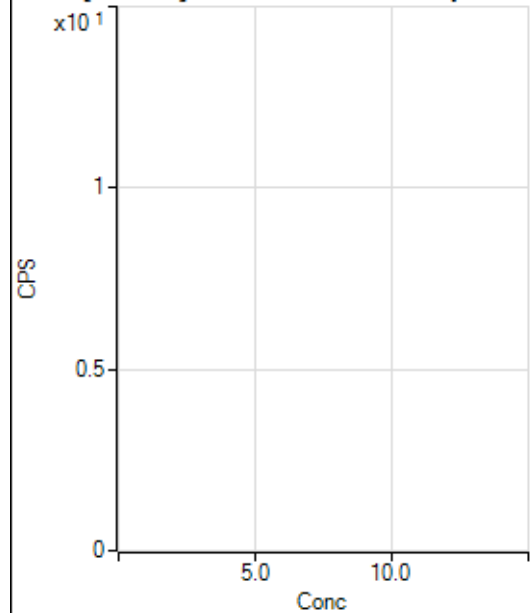
$$R = 0.9998$$

$$DL = 1.152$$

$$BEC = 0.7864$$

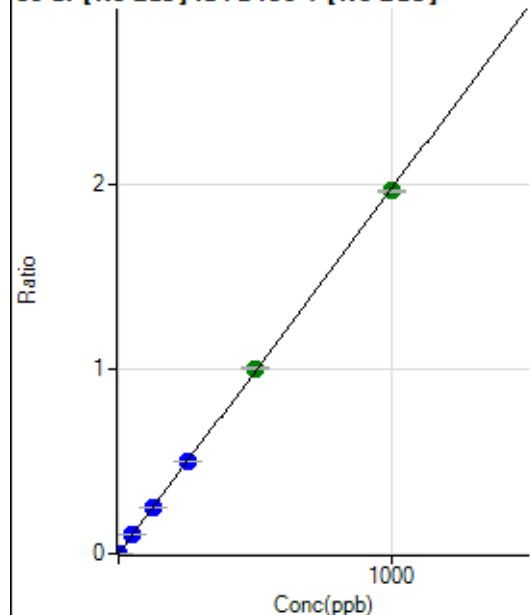
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1986.82		P	1.6
2	☐			2055.73		P	8.7
3	☐			2009.04		P	2.5
4	☐			2112.40		P	3.1
5	☐			2065.73		P	4.3
6	☐			1947.93		P	3.2
7	☐			2036.83		P	3.8
8	☐			2021.28		P	1.5
9	☐			2022.38		P	4.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3228.22	0.0003	P	4.5
2	☐	0.100	0.022	3695.02	0.0004	P	5.7
3	☐	1.000	0.108	5473.41	0.0005	P	7.0
4	☐	50.000	51.934	1056943.69	0.1032	P	0.5
5	☐	125.000	127.958	2596308.84	0.2537	P	0.0
6	☐	250.000	253.712	5111356.36	0.5028	P	0.8
7	☐	500.000	508.118	10166419.93	1.0066	A	1.5
8	☐	1000.000	994.548	20381972.85	1.9700	A	0.9
9	☐			16851.91	0.0017	P	2.1

$$y = 0.0020 * x + 3.2167E-004$$

$$R = 0.9999$$

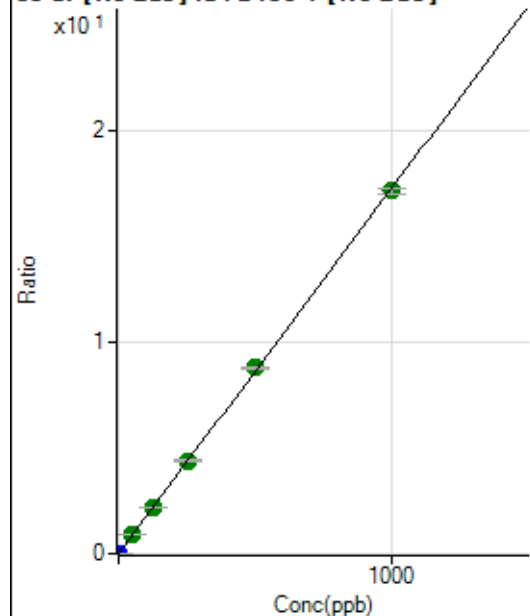
$$DL = 0.02201$$

$$BEC = 0.1624$$

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	172.23	0.0000	P	32.1
2	☐	0.100	0.011	2072.42	0.0002	P	9.6
3	☐	1.000	0.106	18846.13	0.0018	P	1.7
4	☐	50.000	51.549	9129853.16	0.8913	A	1.6
5	☐	125.000	128.117	22664750.16	2.2151	A	0.7
6	☐	250.000	254.854	44793894.06	4.4063	A	0.7
7	☐	500.000	509.148	88903024.21	8.8028	A	1.6
8	☐	1000.000	993.746	177737299.8	17.1812	A	1.8
9	☐			116837.13	0.0117	P	2.6

$$y = 0.0173 * x + 1.7156E-005$$

$$R = 0.9999$$

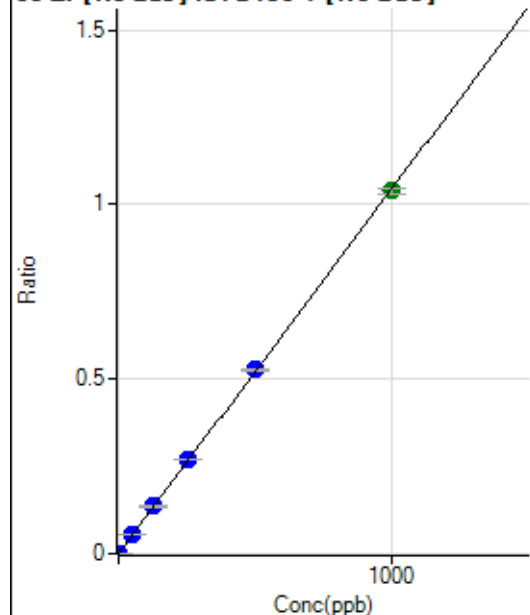
$$DL = 0.0009547$$

$$BEC = 0.0009923$$

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	608.37	0.0001	P	8.7
2	☐	0.100	0.091	1572.35	0.0002	P	7.6
3	☐	1.000	0.998	11243.61	0.0011	P	4.5
4	☐	50.000	51.512	551226.80	0.0538	P	0.4
5	☐	125.000	129.423	1382372.38	0.1351	P	0.5
6	☐	250.000	257.019	2726861.80	0.2682	P	0.7
7	☐	500.000	504.088	5312830.28	0.5260	P	0.8
8	☐	1000.000	995.573	10747057.27	1.0389	A	1.6
9	☐			6484.98	0.0006	P	5.5

$$y = 0.0010 * x + 6.0627E-005$$

$$R = 1.0000$$

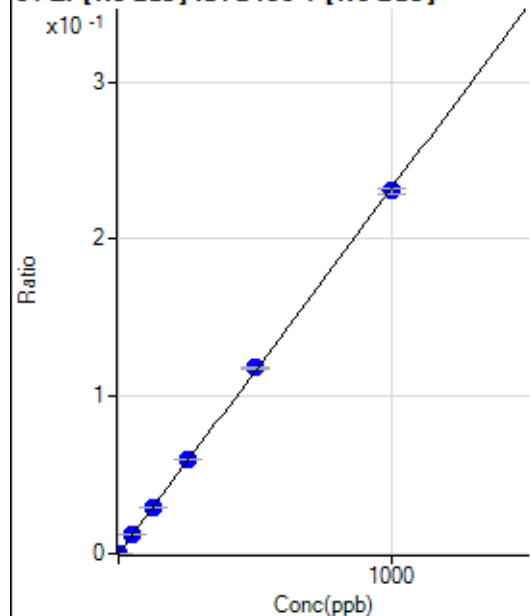
$$DL = 0.01517$$

$$BEC = 0.05811$$

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	113.89	0.0000	P	37.6
2	☐	0.100	0.086	316.68	0.0000	P	5.5
3	☐	1.000	1.041	2583.63	0.0003	P	9.1
4	☐	50.000	51.139	121749.55	0.0119	P	0.8
5	☐	125.000	128.212	304712.26	0.0298	P	0.3
6	☐	250.000	257.866	608772.09	0.0599	P	0.8
7	☐	500.000	509.312	1194462.46	0.1183	P	0.9
8	☐	1000.000	992.919	2384996.58	0.2306	P	1.9
9	☐			1391.77	0.0001	P	12.8

$$y = 2.3218E-004 * x + 1.1351E-005$$

$$R = 0.9999$$

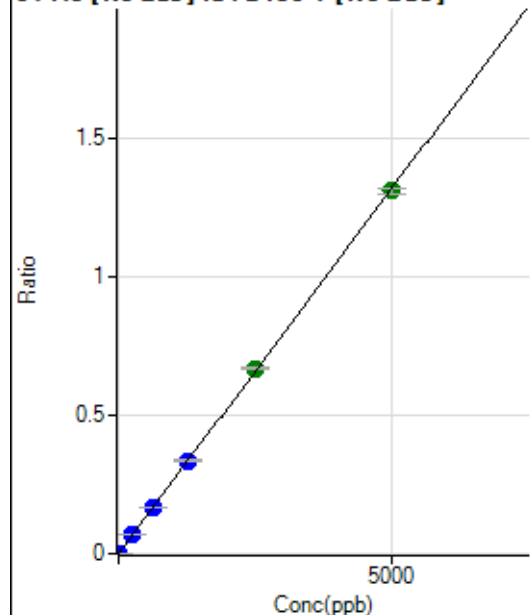
$$DL = 0.05513$$

$$BEC = 0.04889$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	4.9
2	☐	0.500	0.539	1708.48	0.0002	P	8.6
3	☐	5.000	4.974	13670.74	0.0013	P	1.7
4	☐	250.000	258.525	699230.88	0.0683	P	0.2
5	☐	625.000	641.300	1732035.28	0.1693	P	1.0
6	☐	1250.000	1273.476	3416965.66	0.3361	P	0.8
7	☐	2500.000	2539.084	6768506.75	0.6701	A	0.4
8	☐	5000.000	4972.125	13575416.54	1.3123	A	1.7
9	☐			9272.67	0.0009	P	3.9

$$y = 2.6392E-004 * x + 2.6564E-005$$

$$R = 0.9999$$

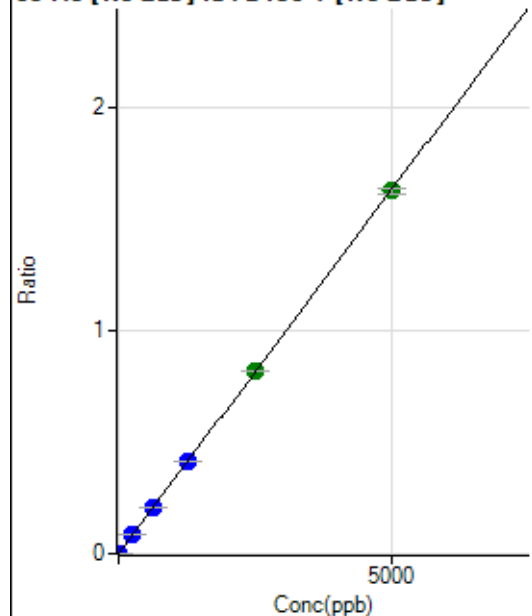
$$DL = 0.01482$$

$$BEC = 0.1007$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	0.5
2	☐	0.500	0.459	1533.45	0.0002	P	10.9
3	☐	5.000	5.004	16685.16	0.0016	P	0.6
4	☐	250.000	258.901	865586.43	0.0845	P	1.1
5	☐	625.000	642.126	2144306.69	0.2096	P	0.7
6	☐	1250.000	1276.091	4233873.97	0.4165	P	0.4
7	☐	2500.000	2510.716	8276042.98	0.8194	A	0.8
8	☐	5000.000	4985.533	16833041.70	1.6271	A	1.4
9	☐			11880.17	0.0012	P	4.2

$$y = 3.2636E-004 * x + 1.6608E-006$$

$$R = 1.0000$$

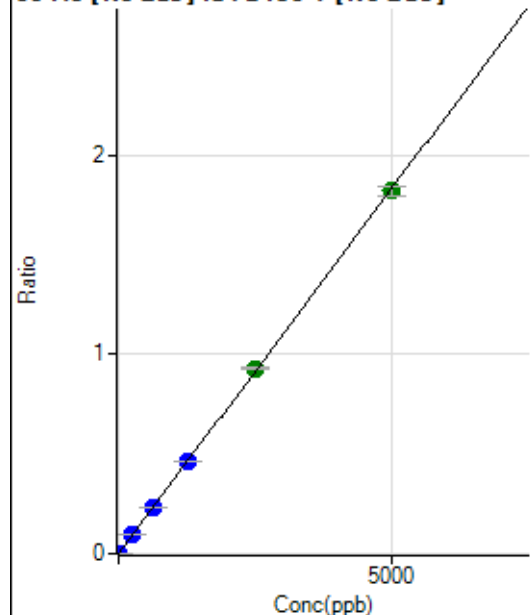
$$DL = 7.979E-05$$

$$BEC = 0.005089$$

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	100.00	0.0000	P	38.7
2	☐	0.500	0.486	1902.96	0.0002	P	7.7
3	☐	5.000	4.934	18534.69	0.0018	P	3.4
4	☐	250.000	258.231	968364.39	0.0945	P	0.6
5	☐	625.000	642.714	2407168.13	0.2353	P	0.5
6	☐	1250.000	1273.264	4737891.47	0.4661	P	0.5
7	☐	2500.000	2537.984	9382632.07	0.9290	A	0.6
8	☐	5000.000	4972.566	18826636.36	1.8201	A	2.5
9	☐			13907.16	0.0014	P	4.0

$$y = 3.6602\text{E-}004 * x + 9.9755\text{E-}006$$

$$R = 0.9999$$

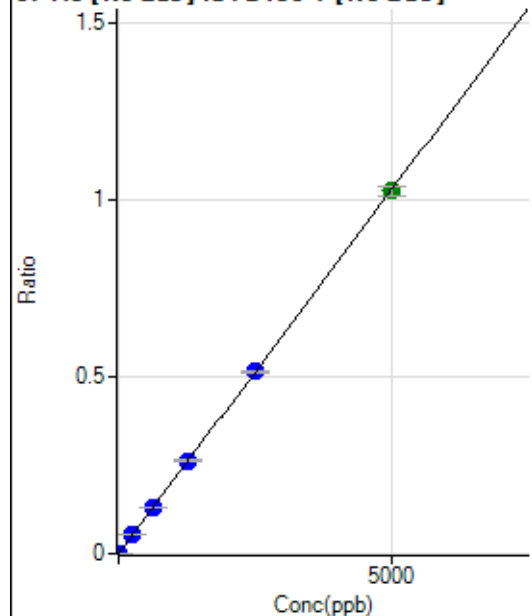
$$DL = 0.03165$$

$$BEC = 0.02725$$

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	13.89	0.0000	P	91.7
2	☐	0.500	0.500	1052.85	0.0001	P	8.0
3	☐	5.000	5.069	10634.80	0.0010	P	5.8
4	☐	250.000	259.776	546284.77	0.0533	P	0.1
5	☐	625.000	640.029	1344296.38	0.1314	P	0.5
6	☐	1250.000	1281.218	2673616.44	0.2630	P	0.7
7	☐	2500.000	2503.868	5191249.77	0.5140	P	1.0
8	☐	5000.000	4987.894	10590528.62	1.0239	A	2.7
9	☐			7477.17	0.0007	P	2.2

$$y = 2.0527\text{E-}004 * x + 1.3798\text{E-}006$$

$$R = 1.0000$$

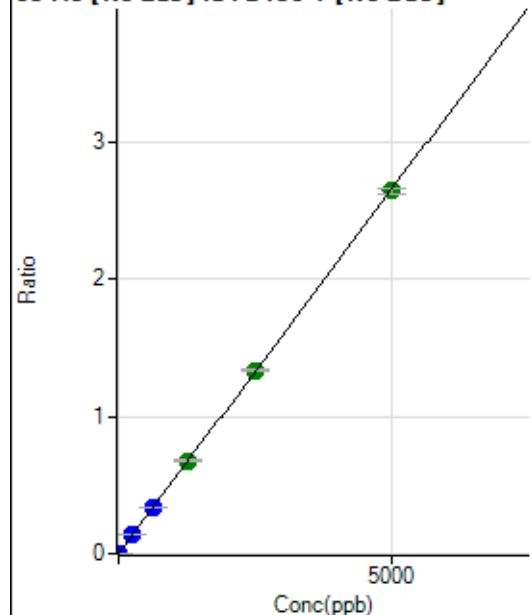
$$DL = 0.01849$$

$$BEC = 0.006722$$

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	50.00	0.0000	P	43.8
2	☐	0.500	0.501	2742.01	0.0003	P	1.8
3	☐	5.000	4.991	27073.34	0.0027	P	1.3
4	☐	250.000	257.781	1400854.34	0.1367	P	0.6
5	☐	625.000	639.901	3473201.99	0.3394	P	0.9
6	☐	1250.000	1277.365	6888533.75	0.6776	A	0.7
7	☐	2500.000	2520.794	13505719.14	1.3372	A	0.6
8	☐	5000.000	4980.510	27331291.93	2.6420	A	1.7
9	☐			18968.58	0.0019	P	3.7

$$y = 5.3046\text{E-}004 * x + 4.9784\text{E-}006$$

$$R = 1.0000$$

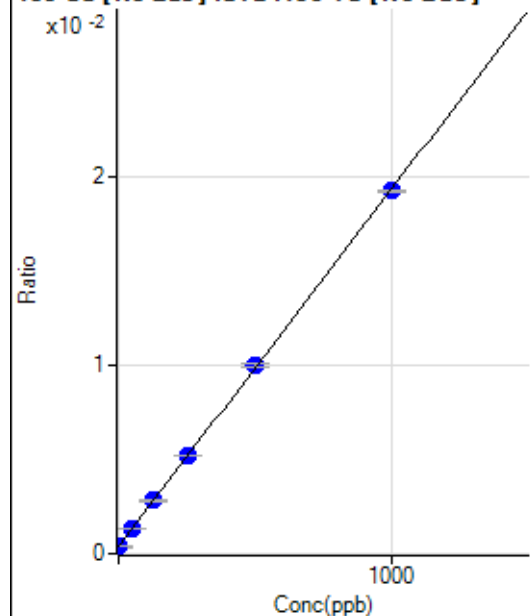
$$DL = 0.01233$$

$$BEC = 0.009385$$

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	3822.85	0.0004	P	3.0
2	☐	0.100	-1.146	3581.12	0.0004	P	4.9
3	☐	1.000	-0.525	3747.84	0.0004	P	7.0
4	☐	50.000	50.758	13498.40	0.0014	P	3.7
5	☐	125.000	127.916	28175.73	0.0028	P	0.8
6	☐	250.000	254.494	52884.96	0.0052	P	0.7
7	☐	500.000	506.726	99329.86	0.0100	P	1.6
8	☐	1000.000	995.112	193610.26	0.0193	P	0.7
9	☐			3714.47	0.0004	P	3.3

$$y = 1.8990\text{E-}005 * x + 3.8749\text{E-}004$$

$$R = 0.9999$$

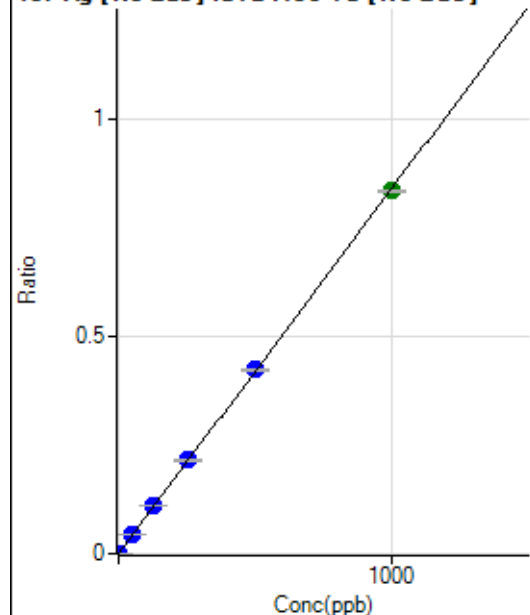
$$DL = 1.829$$

$$BEC = 20.41$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.4
2	☐	0.100	0.098	863.94	0.0001	P	16.9
3	☐	1.000	1.041	8733.48	0.0009	P	2.4
4	☐	50.000	53.395	447615.62	0.0448	P	0.5
5	☐	125.000	133.111	1117606.31	0.1117	P	0.4
6	☐	250.000	257.367	2188063.64	0.2160	P	1.5
7	☐	500.000	504.401	4200692.98	0.4233	P	1.7
8	☐	1000.000	994.774	8382274.32	0.8349	A	0.6
9	☐			5731.87	0.0006	P	3.8

$$y = 8.3927\text{E-}004 * x + 5.9138\text{E-}006$$

$$R = 0.9999$$

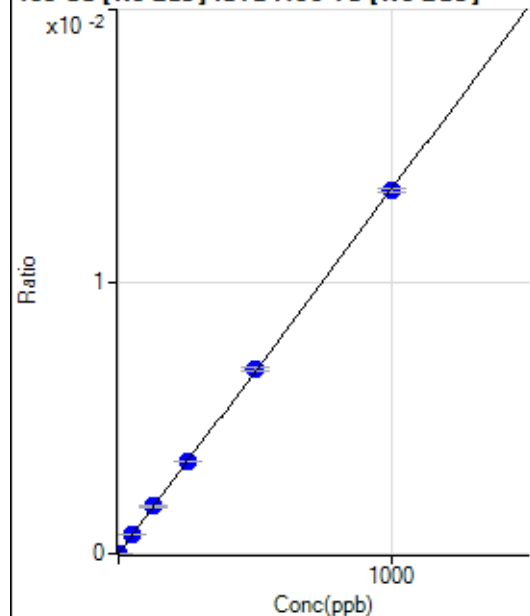
$$DL = 0.003043$$

$$BEC = 0.007046$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.72	0.0000	P	7.2
2	☐	0.100	-0.062	26.39	0.0000	P	39.9
3	☐	1.000	0.991	166.67	0.0000	P	6.0
4	☐	50.000	53.391	7178.28	0.0007	P	1.8
5	☐	125.000	130.434	17513.71	0.0018	P	3.4
6	☐	250.000	252.975	34362.29	0.0034	P	1.3
7	☐	500.000	505.495	67225.75	0.0068	P	1.6
8	☐	1000.000	995.660	133937.65	0.0133	P	1.1
9	☐			152.78	0.0000	P	16.9

$$y = 1.3395\text{E-}005 * x + 3.5197\text{E-}006$$

$$R = 1.0000$$

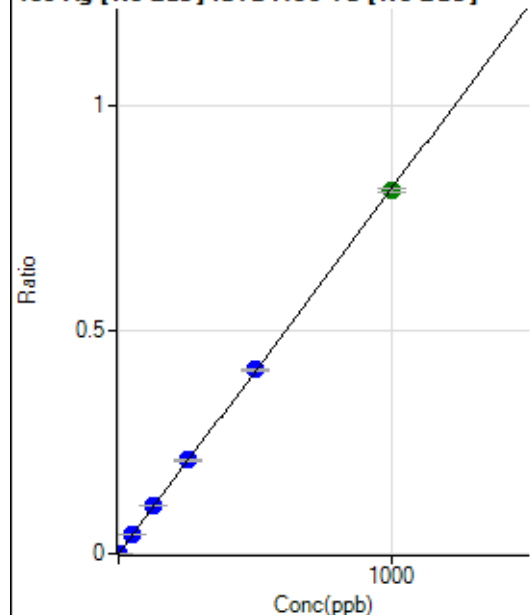
$$DL = 0.057$$

$$BEC = 0.2628$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	0.3
2	☐	0.100	0.093	761.16	0.0001	P	4.3
3	☐	1.000	1.037	8405.47	0.0008	P	5.3
4	☐	50.000	53.224	433121.09	0.0434	P	0.0
5	☐	125.000	132.547	1080326.38	0.1080	P	1.0
6	☐	250.000	257.551	2125658.62	0.2098	P	1.6
7	☐	500.000	504.957	4082680.26	0.4114	P	1.2
8	☐	1000.000	994.529	8135334.73	0.8103	A	1.0
9	☐			5509.58	0.0006	P	8.3

$$y = 8.1477\text{E-}004 * x + 1.6897\text{E-}006$$

$$R = 0.9999$$

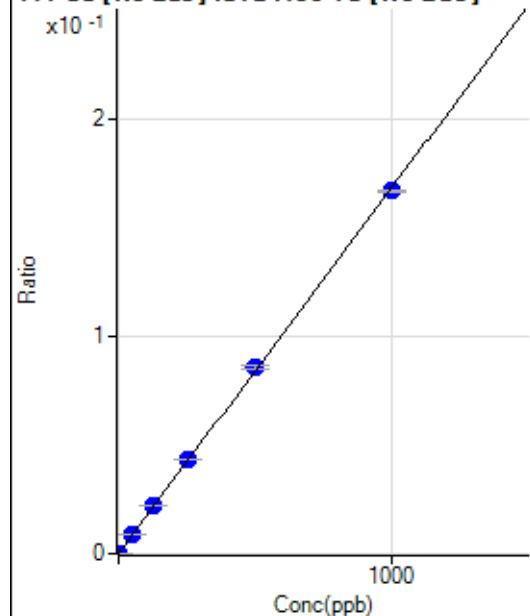
$$DL = 1.951\text{E-}05$$

$$BEC = 0.002074$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741.66	0.0001	P	3.2
2	☐	0.100	0.090	883.86	0.0001	P	5.6
3	☐	1.000	1.071	2534.44	0.0003	P	5.2
4	☐	50.000	52.764	89397.83	0.0090	P	2.2
5	☐	125.000	130.952	221131.75	0.0221	P	1.1
6	☐	250.000	257.204	439086.61	0.0433	P	1.7
7	☐	500.000	510.047	852218.65	0.0859	P	1.3
8	☐	1000.000	992.293	1676794.10	0.1670	P	0.6
9	☐			1699.89	0.0002	P	4.3

$$y = 1.6824\text{E-}004 * x + 7.5175\text{E-}005$$

$$R = 0.9999$$

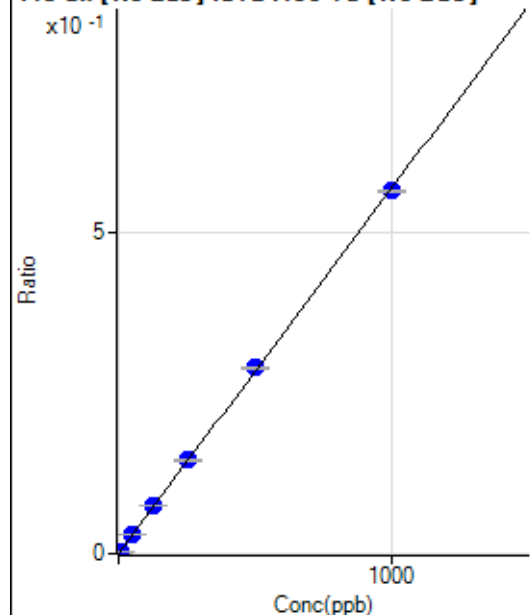
$$DL = 0.04245$$

$$BEC = 0.4468$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	491.69	0.0000	P	3.7
2	☐	0.500	0.547	3525.54	0.0004	P	4.6
3	☐	5.000	5.358	30683.95	0.0031	P	3.2
4	☐	50.000	52.906	300355.19	0.0301	P	0.7
5	☐	125.000	131.003	744192.82	0.0744	P	1.3
6	☐	250.000	255.467	1469081.60	0.1450	P	1.7
7	☐	500.000	508.824	2865903.64	0.2888	P	1.3
8	☐	1000.000	993.323	5660194.92	0.5638	P	0.4
9	☐			6209.87	0.0006	P	7.3

$$y = 5.6751E-004 * x + 4.9842E-005$$

$$R = 0.9999$$

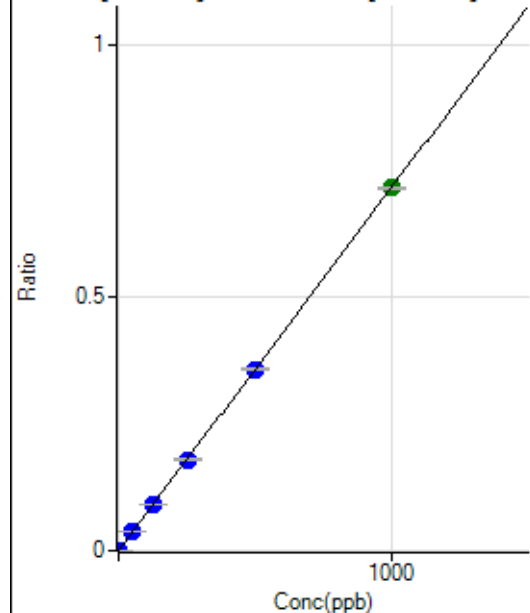
$$DL = 0.009754$$

$$BEC = 0.08783$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	11.4
2	☐	0.200	0.196	1461.23	0.0001	P	5.1
3	☐	2.000	2.027	14510.61	0.0015	P	2.2
4	☐	50.000	51.562	369117.55	0.0370	P	1.3
5	☐	125.000	128.107	918487.07	0.0918	P	0.5
6	☐	250.000	250.418	1817870.44	0.1795	P	2.2
7	☐	500.000	500.261	3557539.88	0.3585	P	1.8
8	☐	1000.000	999.298	7190149.72	0.7162	A	0.3
9	☐			7468.83	0.0008	P	2.3

$$y = 7.1665E-004 * x + 8.7303E-006$$

$$R = 1.0000$$

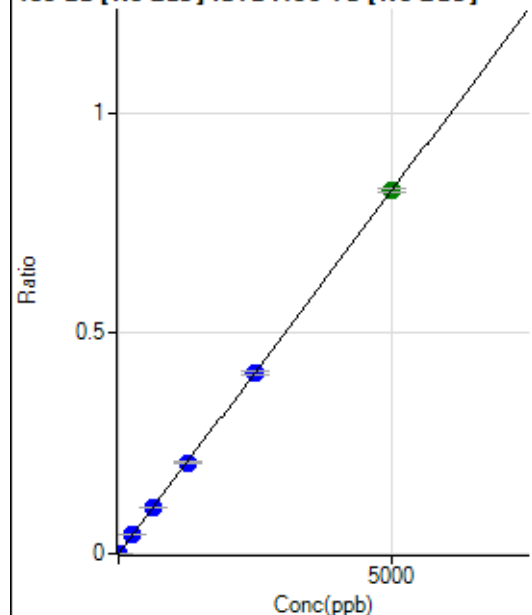
$$DL = 0.004172$$

$$BEC = 0.01218$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.3
2	☐	1.000	1.059	1733.49	0.0002	P	7.5
3	☐	10.000	10.276	16816.15	0.0017	P	2.7
4	☐	250.000	258.224	424234.70	0.0425	P	0.6
5	☐	625.000	641.417	1055449.82	0.1055	P	1.0
6	☐	1250.000	1258.245	2096563.94	0.2070	P	1.5
7	☐	2500.000	2490.988	4065841.98	0.4097	P	1.8
8	☐	5000.000	4999.981	8257184.82	0.8225	A	1.1
9	☐			6068.16	0.0006	P	5.9

$$y = 1.6449\text{E-}004 * x + 2.8154\text{E-}006$$

$$R = 1.0000$$

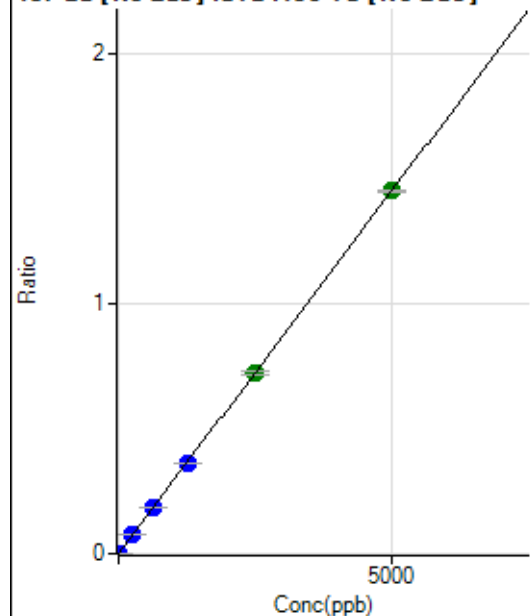
$$DL = 0.008874$$

$$BEC = 0.01712$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	52.6
2	☐	1.000	1.026	2972.61	0.0003	P	4.3
3	☐	10.000	10.146	29309.17	0.0030	P	1.9
4	☐	250.000	257.335	746276.51	0.0747	P	0.5
5	☐	625.000	638.112	1853430.51	0.1853	P	0.9
6	☐	1250.000	1247.417	3668885.80	0.3622	P	1.5
7	☐	2500.000	2487.642	7167084.62	0.7223	A	1.6
8	☐	5000.000	5004.819	14589570.81	1.4532	A	0.2
9	☐			10709.95	0.0011	P	4.5

$$y = 2.9035\text{E-}004 * x + 5.6276\text{E-}006$$

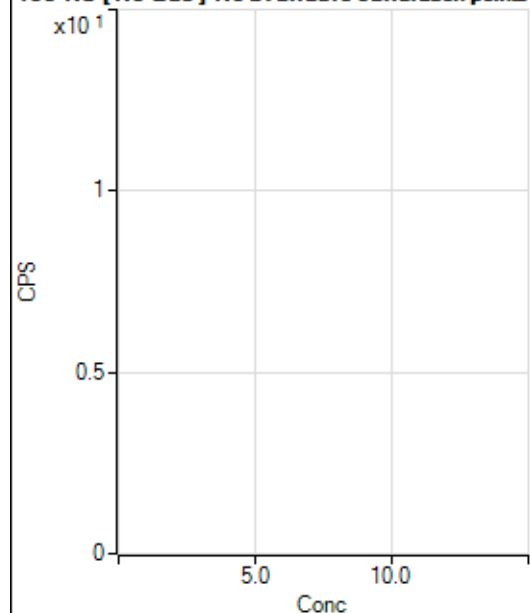
$$R = 1.0000$$

$$DL = 0.03059$$

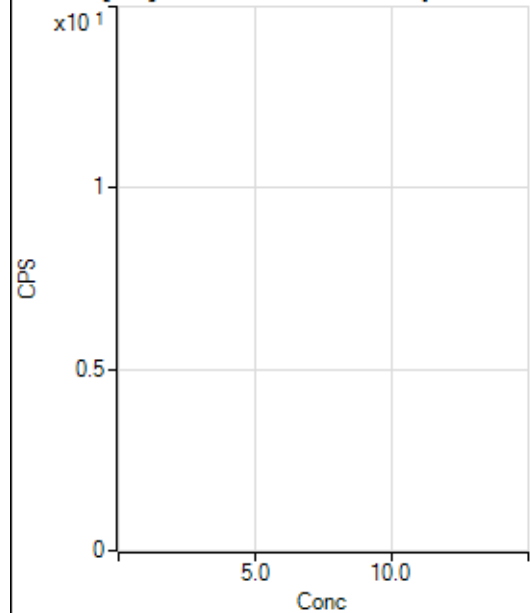
$$BEC = 0.01938$$

Weight: <None>

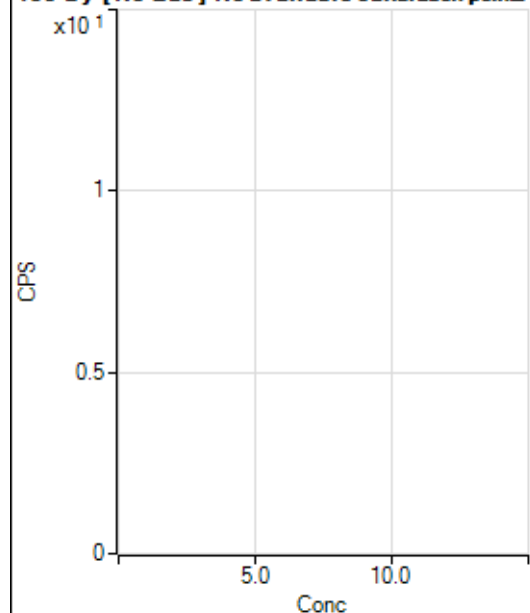
Min Conc: 0

150 Nd [No Gas] No available calibration points

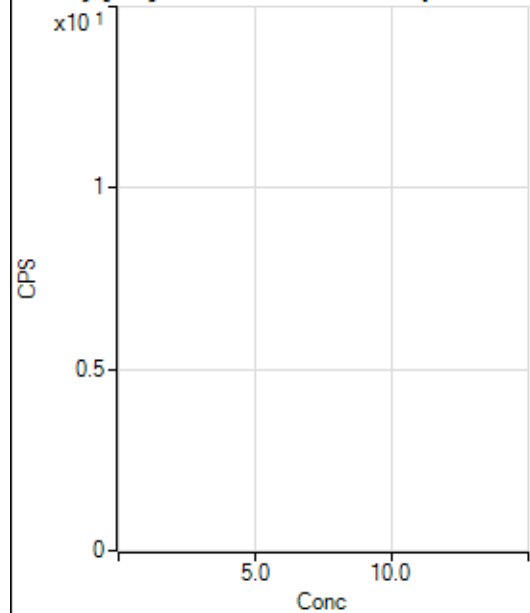
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			0.00		P	
4	☐			31.11		P	53.9
5	☐			71.11		P	47.2
6	☐			115.56		P	38.4
7	☐			235.57		P	31.0
8	☐			437.79		P	5.3
9	☐			57.78		P	46.6

150 Nd [He] No available calibration points

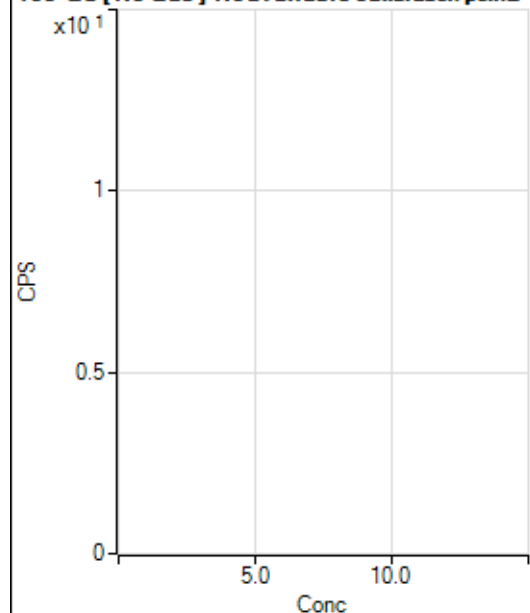
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			7.78		P	65.5
5	☐			12.22		P	41.7
6	☐			20.00		P	66.7
7	☐			42.22		P	24.1
8	☐			73.33		P	36.1
9	☐			27.78		P	68.2

156 Dy [No Gas] No available calibration points

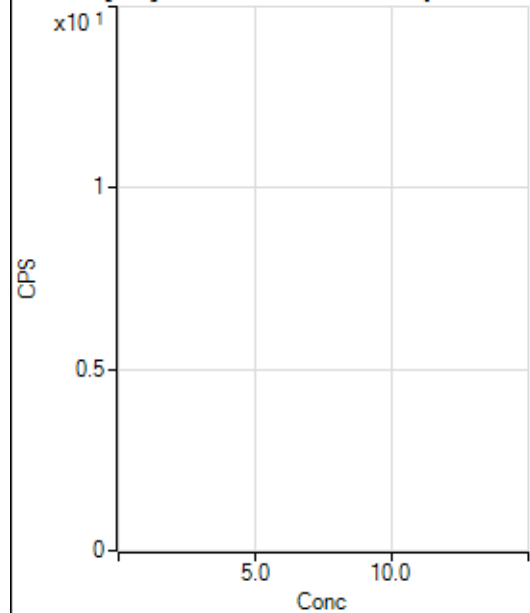
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			5.55		P	86.6
3	☐			2.78		P	173.
4	☐			36.11		P	53.3
5	☐			83.34		P	40.0
6	☐			172.23		P	29.2
7	☐			258.34		P	14.1
8	☐			544.47		P	3.2
9	☐			1944.64		P	6.1

156 Dy [He] No available calibration points

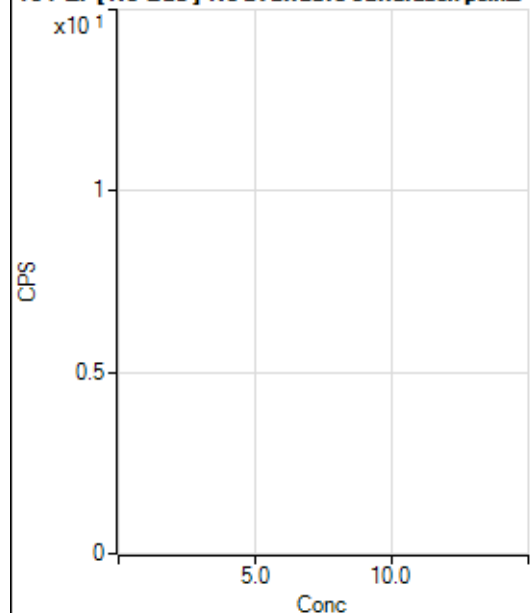
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			7.78		P	24.7
3	☐			6.67		P	0.0
4	☐			15.56		P	12.4
5	☐			46.67		P	25.8
6	☐			88.89		P	14.2
7	☐			170.00		P	7.1
8	☐			321.12		P	6.3
9	☐			1483.43		P	6.1

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

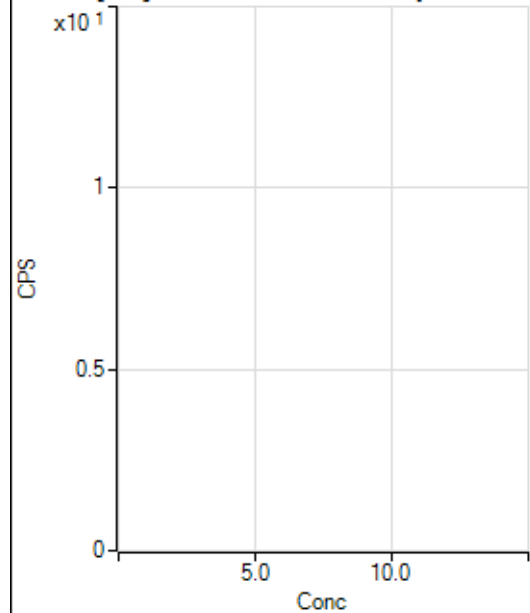
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	30.1
2	☐			61.11		P	51.6
3	☐			47.23		P	20.4
4	☐			111.11		P	35.4
5	☐			144.45		P	29.6
6	☐			166.67		P	8.7
7	☐			358.35		P	2.3
8	☐			438.91		P	17.2
9	☐			2291.94		P	7.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.66		P	8.7
2	☐			43.33		P	20.3
3	☐			46.67		P	25.8
4	☐			68.89		P	17.0
5	☐			107.78		P	6.4
6	☐			145.56		P	16.1
7	☐			205.56		P	12.3
8	☐			418.90		P	11.4
9	☐			1714.57		P	3.1

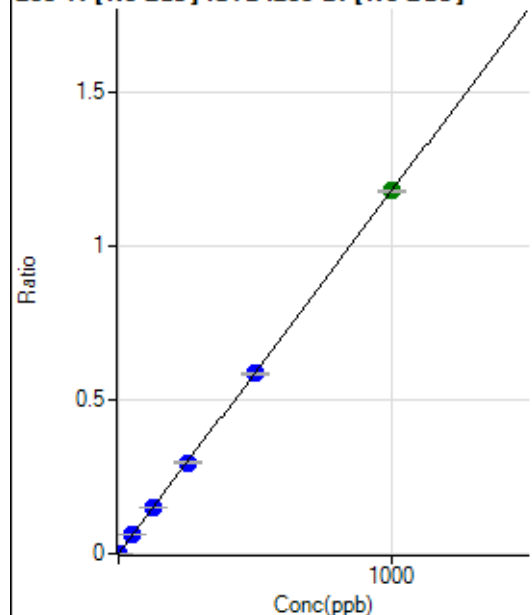
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	39.8
2	☐			61.11		P	7.9
3	☐			69.45		P	13.9
4	☐			63.89		P	39.8
5	☐			91.67		P	41.7
6	☐			88.89		P	21.6
7	☐			100.00		P	0.0
8	☐			127.78		P	16.4
9	☐			397.24		P	8.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	30.7
2	☐			50.00		P	6.7
3	☐			46.67		P	18.9
4	☐			48.89		P	27.5
5	☐			46.67		P	12.4
6	☐			57.78		P	35.3
7	☐			54.44		P	33.7
8	☐			90.00		P	6.4
9	☐			283.34		P	13.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	286.12	0.0000	P	17.2
2	☐	0.100	0.084	936.18	0.0001	P	5.1
3	☐	1.000	1.021	8283.35	0.0012	P	0.5
4	☐	50.000	50.695	400920.33	0.0599	P	0.1
5	☐	125.000	127.056	996863.36	0.1501	P	0.2
6	☐	250.000	251.520	1978081.88	0.2971	P	0.4
7	☐	500.000	497.759	3848567.97	0.5879	P	0.9
8	☐	1000.000	1000.449	7656974.30	1.1816	A	0.7
9	☐			6329.45	0.0011	P	4.8

$$y = 0.0012 * x + 4.2773E-005$$

$$R = 1.0000$$

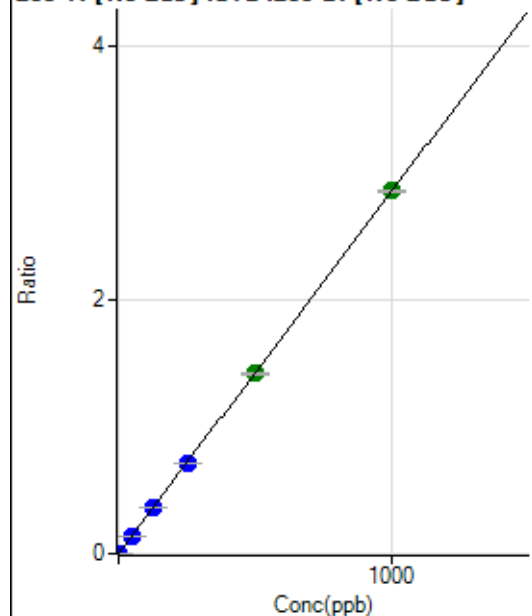
$$DL = 0.01871$$

$$BEC = 0.03622$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	652.82	0.0001	P	7.2
2	☐	0.100	0.100	2530.86	0.0004	P	7.1
3	☐	1.000	1.021	20001.54	0.0030	P	2.0
4	☐	50.000	50.067	958231.96	0.1432	P	0.1
5	☐	125.000	125.743	2387551.25	0.3595	P	0.7
6	☐	250.000	248.795	4735303.54	0.7112	P	0.2
7	☐	500.000	496.538	9290904.72	1.4193	A	0.4
8	☐	1000.000	1001.936	18558341.04	2.8639	A	0.9
9	☐			14480.57	0.0024	P	7.7

$$y = 0.0029 * x + 9.7629E-005$$

$$R = 1.0000$$

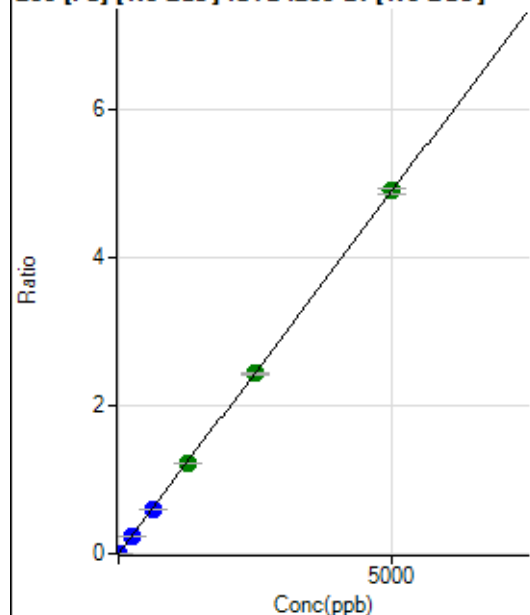
$$DL = 0.007392$$

$$BEC = 0.03416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.69	0.0001	P	3.9
2	☐	0.100	0.115	1251.93	0.0002	P	4.0
3	☐	1.000	1.046	7305.84	0.0011	P	3.1
4	☐	250.000	248.352	1627434.45	0.2432	P	0.2
5	☐	625.000	613.807	3991293.67	0.6010	P	0.7
6	☐	1250.000	1250.169	8149174.02	1.2240	A	0.6
7	☐	2500.000	2485.116	15926582.76	2.4329	A	0.5
8	☐	5000.000	5008.881	31776059.28	4.9036	A	1.9
9	☐			73566.57	0.0124	P	0.8

$$y = 9.7898\text{E-}004 * x + 7.7307\text{E-}005$$

$$R = 1.0000$$

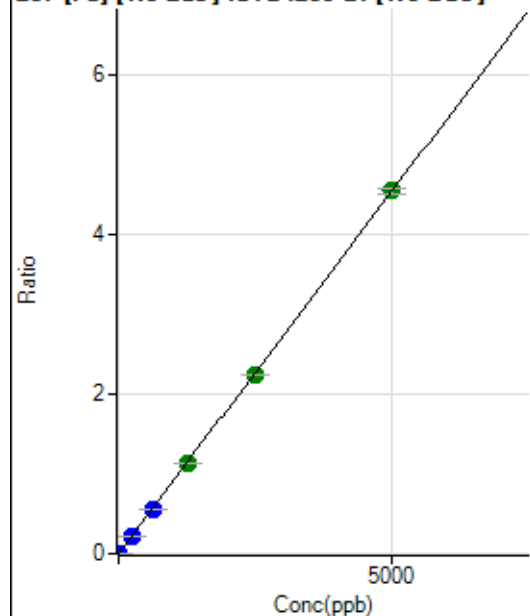
$$DL = 0.009316$$

$$BEC = 0.07897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	566.69	0.0001	P	9.2
2	☐	0.100	0.099	1150.07	0.0002	P	2.5
3	☐	1.000	0.948	6264.54	0.0009	P	3.0
4	☐	250.000	244.263	1482133.47	0.2215	P	0.2
5	☐	625.000	608.024	3660861.86	0.5512	P	0.3
6	☐	1250.000	1252.946	7562183.33	1.1358	A	0.9
7	☐	2500.000	2475.327	14687763.18	2.2438	A	0.4
8	☐	5000.000	5014.009	29451478.67	4.5450	A	1.7
9	☐			68649.70	0.0115	P	1.1

$$y = 9.0644\text{E-}004 * x + 8.4734\text{E-}005$$

$$R = 1.0000$$

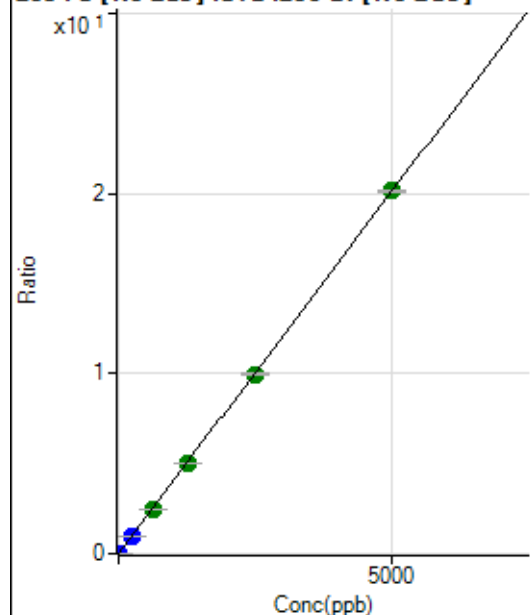
$$DL = 0.02593$$

$$BEC = 0.09348$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2348.28	0.0004	P	3.0
2	☐	0.100	0.109	5209.76	0.0008	P	0.9
3	☐	1.000	0.992	28797.80	0.0043	P	1.9
4	☐	250.000	245.425	6605519.94	0.9871	P	0.2
5	☐	625.000	616.944	16476859.54	2.4809	A	0.4
6	☐	1250.000	1246.796	33379836.57	5.0134	A	0.4
7	☐	2500.000	2475.856	65165097.64	9.9552	A	0.8
8	☐	5000.000	5014.109	130646807.0	20.1610	A	0.7
9	☐			304895.55	0.0513	P	0.7

$$y = 0.0040 * x + 3.5131E-004$$

$$R = 1.0000$$

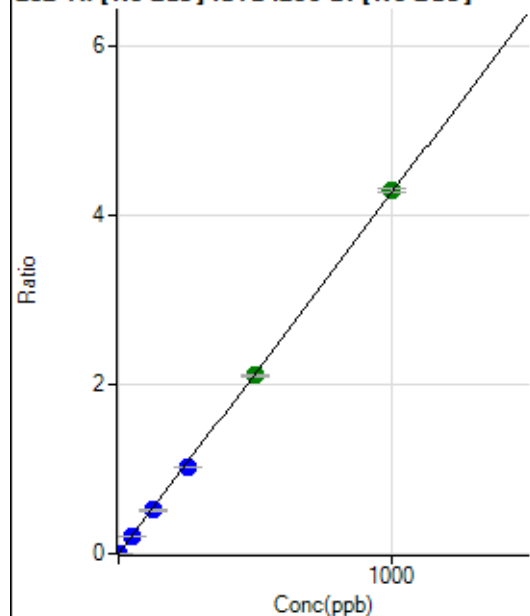
$$DL = 0.007782$$

$$BEC = 0.08737$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.71	0.0000	P	30.2
2	☐	0.100	0.000	161.12	0.0000	P	19.2
3	☐	1.000	-0.001	129.63	0.0000	P	6.7
4	☐	50.000	47.586	1356863.15	0.2028	P	0.3
5	☐	125.000	120.239	3402540.35	0.5123	P	0.4
6	☐	250.000	238.681	6771127.52	1.0170	P	0.5
7	☐	500.000	494.160	13782943.71	2.1055	A	0.3
8	☐	1000.000	1006.467	27789263.82	4.2883	A	1.1
9	☐			13312.51	0.0022	P	5.8

$$y = 0.0043 * x + 2.2962E-005$$

$$R = 0.9999$$

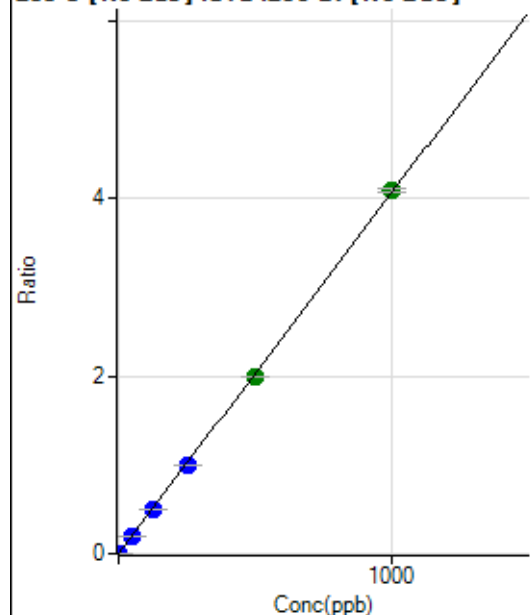
$$DL = 0.004879$$

$$BEC = 0.005389$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100	0.092	2475.31	0.0004	P	5.8
3	☐	1.000	0.974	26213.05	0.0040	P	2.0
4	☐	50.000	49.188	1335453.03	0.1996	P	0.5
5	☐	125.000	123.980	3340796.56	0.5030	P	0.6
6	☐	250.000	246.691	6664174.46	1.0009	P	0.5
7	☐	500.000	489.573	13002580.24	1.9864	A	0.5
8	☐	1000.000	1006.209	26455309.97	4.0825	A	1.1
9	☐			12370.04	0.0021	P	6.7

$$y = 0.0041 * x + 4.1355E-007$$

$$R = 0.9999$$

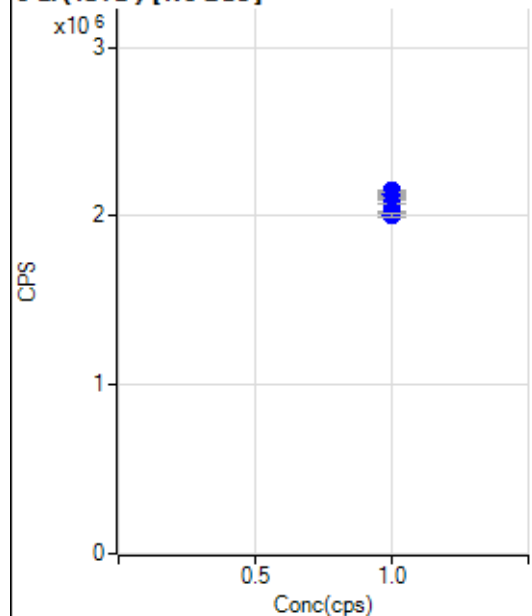
$$DL = 0.0005296$$

$$BEC = 0.0001019$$

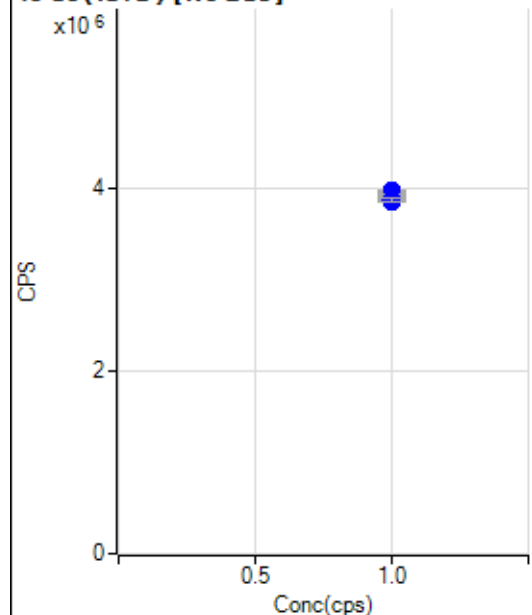
Weight: <None>

Min Conc: 0

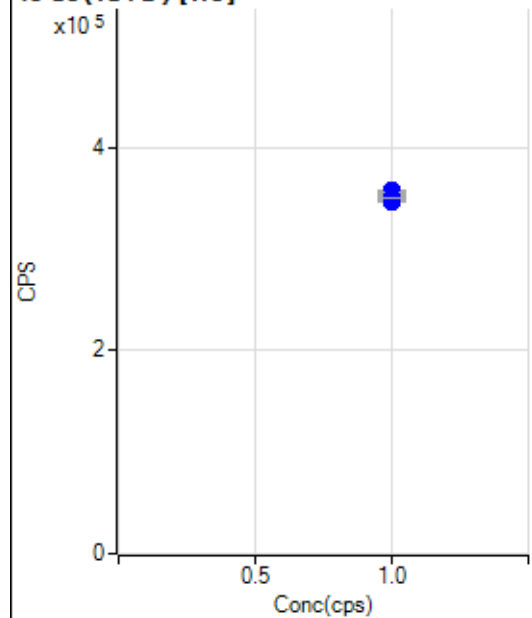
6 Li (ISTD) [No Gas]



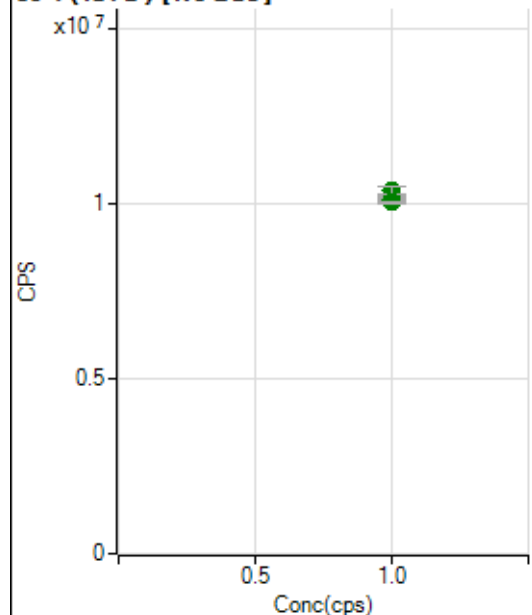
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2149566.56		P	0.4
2	☐	1.000		2111671.46		P	0.6
3	☐	1.000		2133110.14		P	0.2
4	☐	1.000		2127466.83		P	1.1
5	☐	1.000		2102609.34		P	0.2
6	☐	1.000		2074529.95		P	0.4
7	☐	1.000		2025591.26		P	0.6
8	☐	1.000		2021316.45		P	0.5
9	☐	1.000		2006691.66		P	1.0

45 Sc (ISTD) [No Gas]

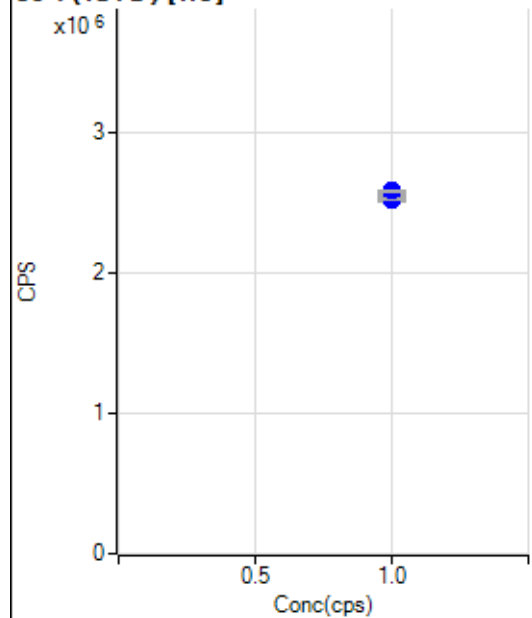
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3942422.86		P	0.8
2	☐	1.000		3914510.29		P	0.3
3	☐	1.000		3937207.16		P	0.5
4	☐	1.000		3971213.79		P	0.5
5	☐	1.000		3945527.48		P	0.4
6	☐	1.000		3929930.81		P	0.6
7	☐	1.000		3857570.01		P	0.3
8	☐	1.000		3865307.30		P	0.4
9	☐	1.000		3877302.82		P	1.4

45 Sc (ISTD) [He]

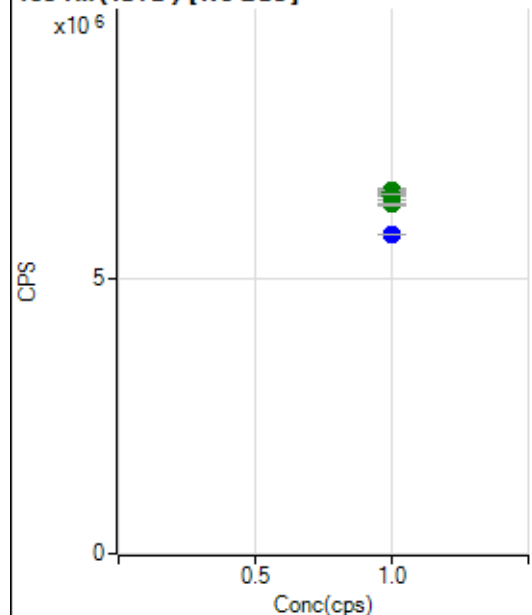
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		352299.64		P	0.9
2	☐	1.000		352872.02		P	0.4
3	☐	1.000		357144.20		P	0.4
4	☐	1.000		355332.37		P	1.0
5	☐	1.000		354762.71		P	0.5
6	☐	1.000		349721.60		P	0.2
7	☐	1.000		347221.53		P	0.4
8	☐	1.000		349382.02		P	0.6
9	☐	1.000		350418.70		P	0.3

89 Y (ISTD) [No Gas]

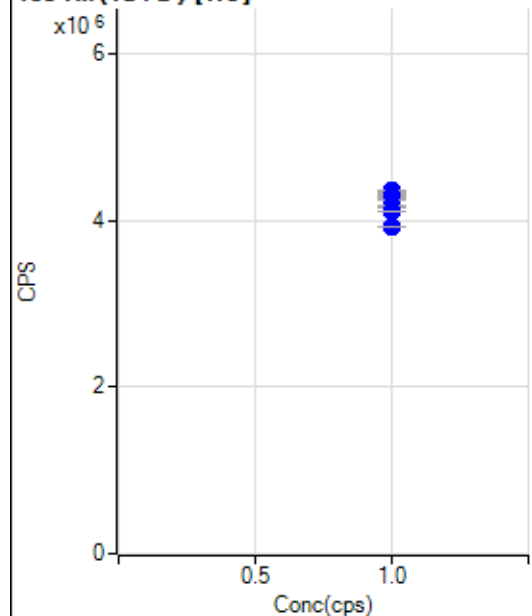
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10037288.04		A	0.5
2	☐	1.000		10124677.63		A	1.0
3	☐	1.000		10207138.46		A	0.3
4	☐	1.000		10244236.44		A	0.4
5	☐	1.000		10232162.28		A	0.4
6	☐	1.000		10166187.91		A	0.6
7	☐	1.000		10100393.04		A	1.0
8	☐	1.000		10347400.82		A	2.0
9	☐	1.000		10016703.95		A	0.2

89 Y (ISTD) [He]

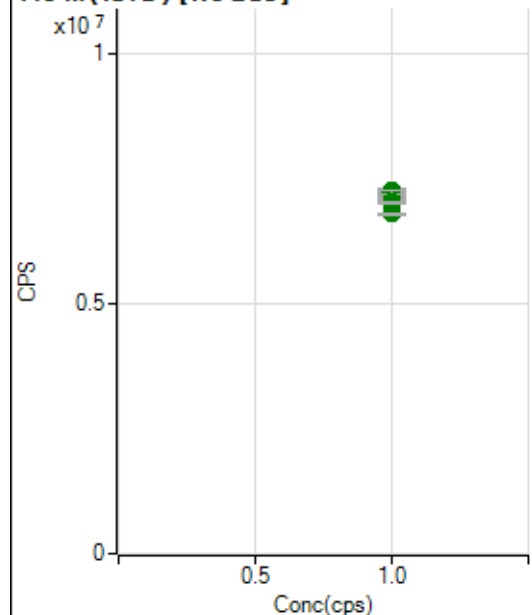
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2529673.00		P	0.7
2	☐	1.000		2532206.54		P	0.5
3	☐	1.000		2560844.20		P	0.5
4	☐	1.000		2544863.66		P	0.4
5	☐	1.000		2541064.42		P	0.5
6	☐	1.000		2534425.24		P	0.6
7	☐	1.000		2519456.40		P	0.4
8	☐	1.000		2528155.78		P	0.2
9	☐	1.000		2585984.14		P	0.2

103 Rh (ISTD) [No Gas]

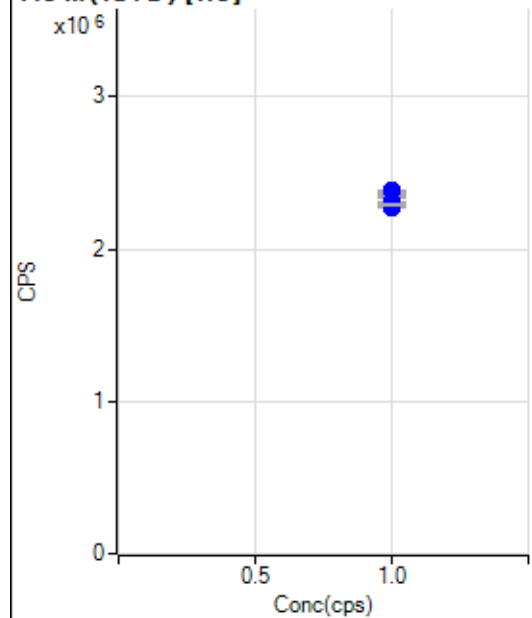
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6533531.22		A	0.9
2	☐	1.000		6548167.19		A	0.5
3	☐	1.000		6591499.56		A	0.6
4	☐	1.000		6607225.39		A	1.0
5	☐	1.000		6579002.40		A	1.0
6	☐	1.000		6507493.10		A	1.8
7	☐	1.000		6375042.26		A	0.2
8	☐	1.000		6357653.24		A	0.7
9	☐	1.000		5812040.12		P	0.4

103 Rh (ISTD) [He]

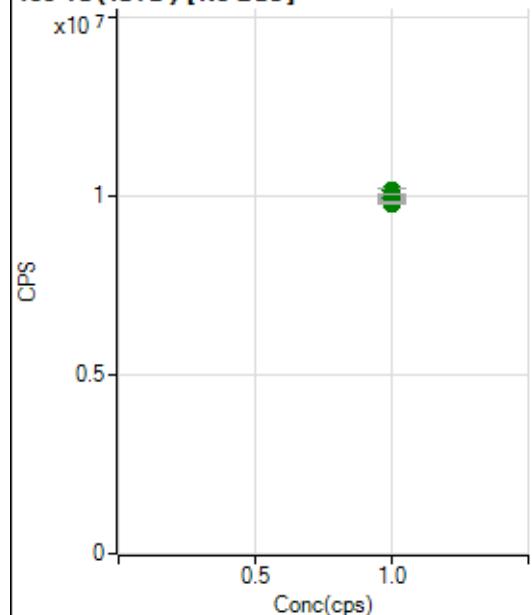
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4301587.82		P	0.8
2	☐	1.000		4293020.80		P	0.4
3	☐	1.000		4360140.49		P	0.6
4	☐	1.000		4297201.71		P	0.3
5	☐	1.000		4273092.86		P	0.2
6	☐	1.000		4257293.62		P	0.2
7	☐	1.000		4176835.11		P	0.6
8	☐	1.000		4119619.52		P	0.1
9	☐	1.000		3934299.59		P	0.3

115 In (ISTD) [No Gas]

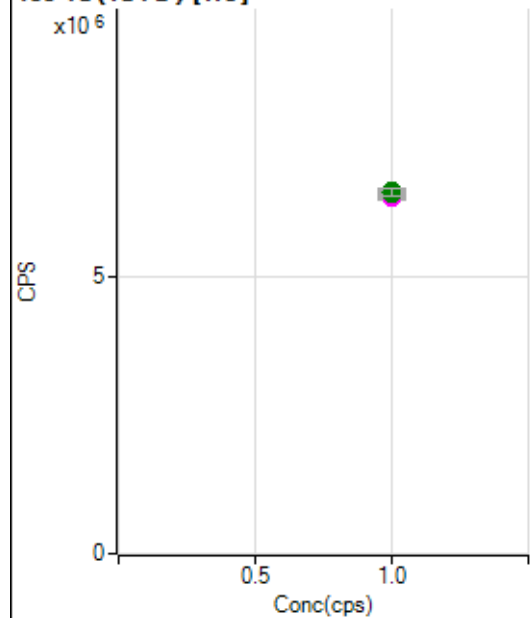
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7162302.02		A	0.8
2	☐	1.000		7132282.34		A	0.7
3	☐	1.000		7199670.78		A	1.1
4	☐	1.000		7247592.48		A	1.3
5	☐	1.000		7196305.48		A	0.3
6	☐	1.000		7234160.46		A	0.9
7	☐	1.000		7024258.19		A	1.0
8	☐	1.000		7005709.08		A	0.7
9	☐	1.000		6782874.53		A	0.4

115 In (ISTD) [He]

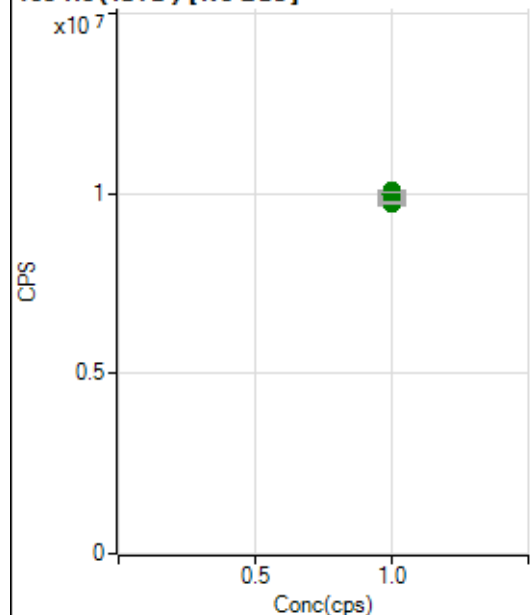
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2353518.24		P	0.4
2	☐	1.000		2349761.95		P	0.7
3	☐	1.000		2380797.46		P	0.6
4	☐	1.000		2365275.08		P	0.9
5	☐	1.000		2349627.89		P	0.4
6	☐	1.000		2337711.11		P	0.8
7	☐	1.000		2308967.78		P	0.3
8	☐	1.000		2274219.87		P	0.5
9	☐	1.000		2291892.50		P	0.4

159 Tb (ISTD) [No Gas]

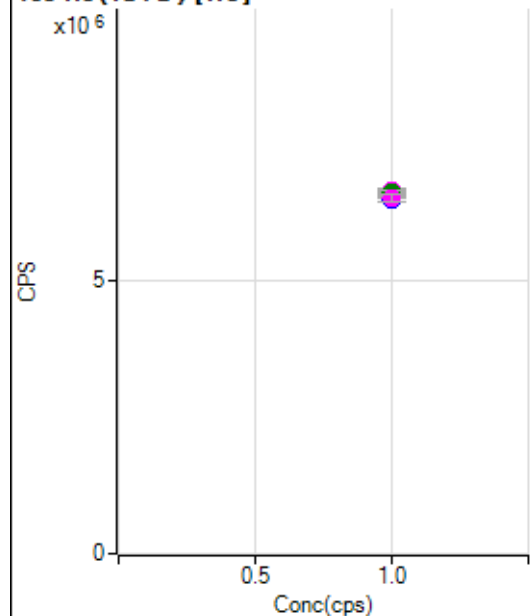
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9865723.53		A	0.3
2	☐	1.000		9793953.12		A	0.7
3	☐	1.000		9931511.86		A	1.3
4	☐	1.000		9987282.07		A	0.6
5	☐	1.000		10003547.98		A	0.4
6	☐	1.000		10131017.56		A	1.3
7	☐	1.000		9923936.45		A	1.2
8	☐	1.000		10039967.91		A	0.4
9	☐	1.000		9793476.66		A	0.2

159 Tb (ISTD) [He]

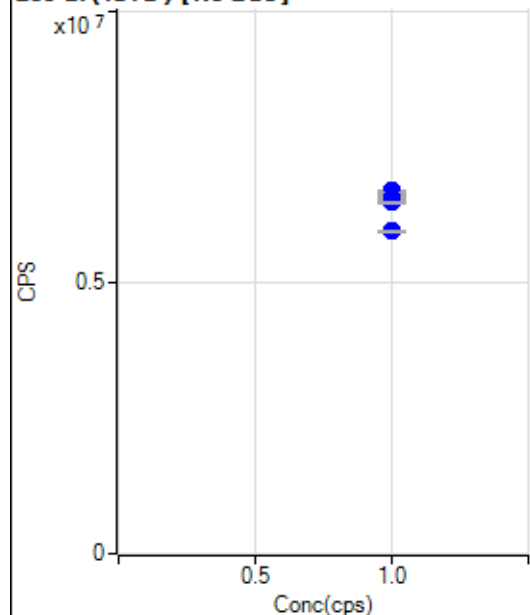
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6418043.38		M	0.9
2	☐	1.000		6429059.35		M	0.1
3	☐	1.000		6480758.24		A	1.4
4	☐	1.000		6536522.61		M	0.9
5	☐	1.000		6513159.14		A	0.6
6	☐	1.000		6540638.65		A	1.0
7	☐	1.000		6501494.21		A	0.3
8	☐	1.000		6513341.01		A	1.4
9	☐	1.000		6515744.28		A	1.7

165 Ho (ISTD) [No Gas]

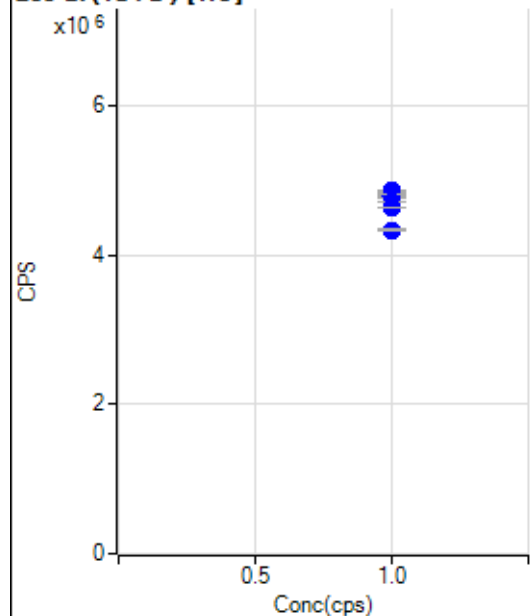
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9744766.73		A	0.7
2	☐	1.000		9718884.58		A	0.9
3	☐	1.000		9855844.23		A	0.9
4	☐	1.000		9938549.92		A	0.9
5	☐	1.000		9961737.84		A	1.0
6	☐	1.000		10068996.66		A	0.8
7	☐	1.000		9967173.60		A	1.1
8	☐	1.000		10035036.24		A	0.3
9	☐	1.000		9745513.54		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6506369.07		P	1.7
2	☐	1.000		6538684.69		M	0.2
3	☐	1.000		6601743.03		M	1.1
4	☐	1.000		6581246.50		M	0.8
5	☐	1.000		6599944.90		M	1.1
6	☐	1.000		6657533.65		M	1.6
7	☐	1.000		6650249.83		A	0.8
8	☐	1.000		6619502.26		A	2.0
9	☐	1.000		6532729.97		M	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6684852.61		P	0.8
2	☐	1.000		6602040.53		P	0.1
3	☐	1.000		6633275.25		P	0.2
4	☐	1.000		6691523.86		P	0.2
5	☐	1.000		6641364.41		P	0.2
6	☐	1.000		6658104.48		P	0.3
7	☐	1.000		6546059.56		P	0.8
8	☐	1.000		6480305.88		P	0.4
9	☐	1.000		5945795.19		P	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4826627.95		P	0.5
2	☐	1.000		4815017.19		P	0.2
3	☐	1.000		4868294.20		P	0.3
4	☐	1.000		4828708.19		P	0.2
5	☐	1.000		4839856.46		P	0.4
6	☐	1.000		4792081.25		P	1.0
7	☐	1.000		4724675.17		P	0.1
8	☐	1.000		4647606.56		P	0.3
9	☐	1.000		4343170.56		P	0.3

US EPA Tune Check Sample Report

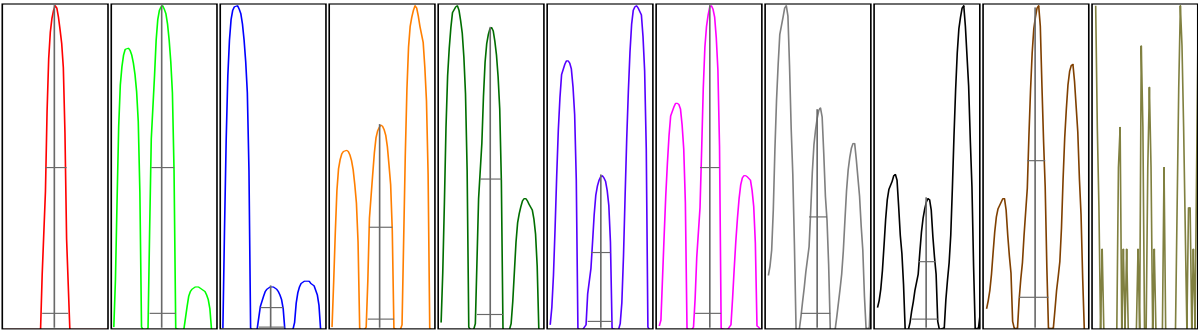
Batch Folder C:\Agilent\ICPMH\1\DATA\P7052121MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5955	0.88	5.00	
24	48513	0.82	5.00	
25	6320	0.45	5.00	
26	7154	0.62	5.00	
59	16124	0.79	5.00	
113	9646	1.01	5.00	
115	28946	2.37	5.00	
206	14410	0.91	5.00	
207	12246	0.71	5.00	
208	29984	0.86	5.00	
220	0	47.51		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6030	5968	5889	5927	5962
24	49202	48482	48368	48265	48248
25	6340	6342	6309	6336	6275
26	7211	7181	7144	7094	7138
59	16306	16203	16080	16006	16025
113	9788	9709	9584	9565	9586
115	29936	29334	28728	28483	28250
206	14494	14576	14372	14373	14235
207	12296	12362	12223	12134	12218
208	30324	30188	29833	29720	29856
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10333	9.00	8.9 - 9.1		0.777	0.900	
24	77018	23.95	23.9 - 24.1		0.787	0.900	
25	10172	24.95	24.9 - 25.1		0.787	0.900	
26	11594	25.95	25.9 - 26.1		0.786	0.900	
59	26894	59.00	58.9 - 59.1		0.787	0.900	
113	17167	113.05	112.9 - 113.1		0.741	0.900	
115	51705	115.05	114.9 - 115.1		0.771	0.900	
206	28091	206.00	205.9 - 206.1		0.828	0.900	
207	23842	207.00	206.9 - 207.1		0.784	0.900	
208	58488	208.00	207.9 - 208.1		0.819	0.900	
220	0	219.80	-		0.250		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.45 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.6	V	Deflect	13.6	V
Extract 2	-170.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6245	0.39	
89	23975	0.49	
205	14862	0.44	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6241	6242	6244	6215	6283
89	23804	23976	23951	24010	24134
205	14784	14799	14890	14909	14927

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.45 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	2.0	V
Extract 2	-160.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	3.9	mL/min	OctP RF	200	V			