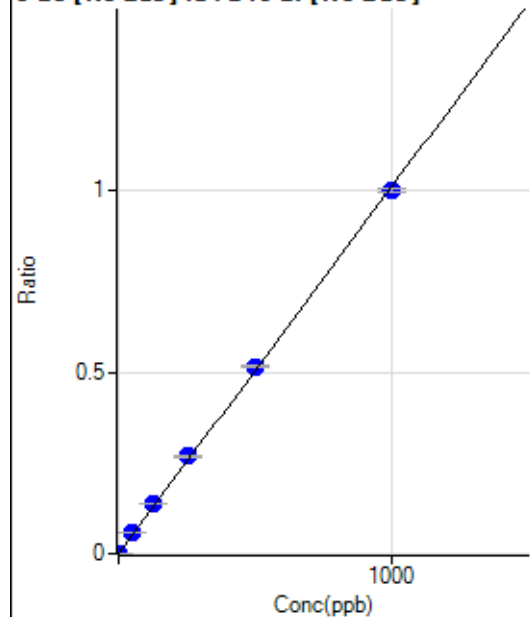


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7020425MS-4.b\
 Analysis File: P7020425MS-4.batch.bin
 DA Date-Time: 2025-02-06 01:37:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-04 17:25:15
2	005CALS.d	S02	2025-02-04 17:28:33
3	006CALS.d	S03	2025-02-04 17:31:52
4	007CALS.d	S04	2025-02-04 17:34:57
5	008CALS.d	S05	2025-02-04 17:37:54
6	009CALS.d	S06	2025-02-04 17:40:42
7	010CALS.d	S07	2025-02-04 17:43:28
8	011CALS.d	S08	2025-02-04 17:46:12

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.44	0.0001	P	36.9
2	☐	1.000	1.153	1088.94	0.0012	P	2.0
3	☐	50.000	55.632	49706.91	0.0562	P	1.7
4	☐	125.000	136.051	122443.88	0.1374	P	0.4
5	☐	250.000	265.441	239721.38	0.2679	P	1.0
6	☐	500.000	510.012	459175.17	0.5147	P	0.9
7	☐	1000.000	989.471	882117.10	0.9985	P	1.0
8	☐			248.89	0.0003	P	23.4

$$y = 0.0010 * x + 7.3478E-005$$

$$R = 0.9998$$

$$DL = 0.08064$$

$$BEC = 0.07282$$

Weight: <None>

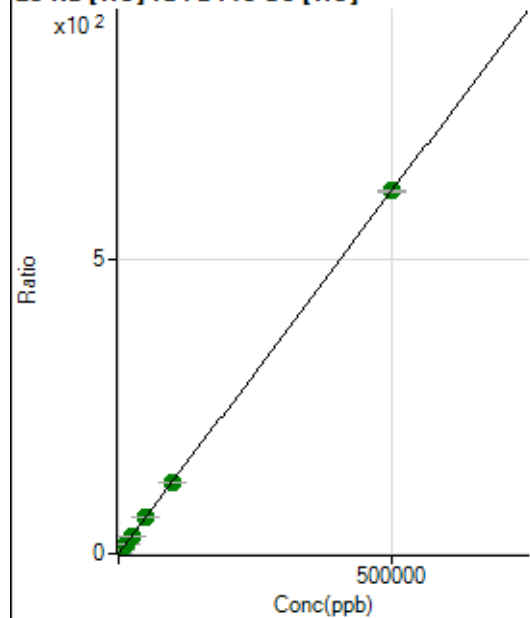
Min Conc: 0

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	13787.36	0.0309	P	1.2
2	☐	500.000	520.345	298519.77	0.6719	P	0.8
3	☐	5000.000	5101.122	2623725.41	6.3150	A	7.9
4	☐	12500.000	12311.906	6358853.93	15.1979	A	0.4
5	☐	25000.000	24022.521	12350060.65	29.6242	A	5.2
6	☐	50000.000	49752.279	24085527.14	61.3206	A	1.0
7	☐	100000.00	98544.396	47519513.18	121.4275	A	0.6
8	☐	500000.00	500368.43	245581300.7	616.4333	A	0.3

$$y = 0.0012 * x + 0.0309$$

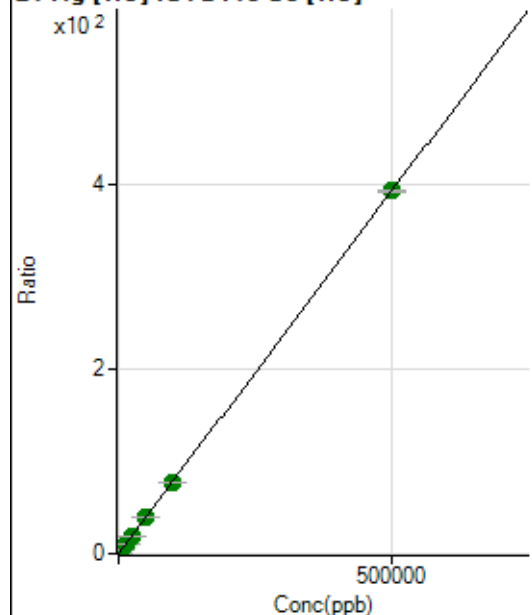
$$R = 1.0000$$

$$DL = 0.8811$$

$$BEC = 25.09$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	696.69	0.0016	P	5.9
2	☐	500.000	518.492	181329.01	0.4082	P	1.4
3	☐	5000.000	5153.346	1679679.93	4.0427	A	7.9
4	☐	12500.000	12247.398	4019077.96	9.6058	A	0.4
5	☐	25000.000	23803.792	7780407.52	18.6681	A	6.0
6	☐	50000.000	49614.156	15282904.91	38.9082	A	0.9
7	☐	100000.00	97548.839	29936506.78	76.4978	A	0.8
8	☐	500000.00	500593.39	156391155.4	392.5588	A	0.2

$$y = 7.8418\text{E-}004 * x + 0.0016$$

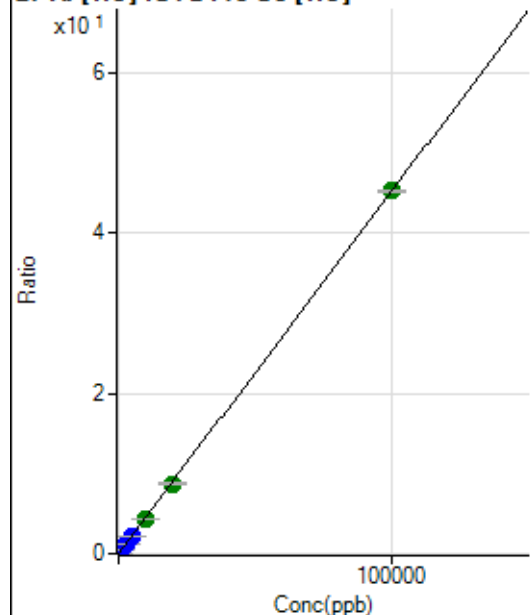
$$R = 1.0000$$

$$DL = 0.3553$$

$$BEC = 1.992$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	217.78	0.0005	P	5.6
2	☐	20.000	20.282	4286.19	0.0096	P	2.6
3	☐	1000.000	1013.772	190367.68	0.4583	P	8.4
4	☐	2500.000	2413.967	456326.01	1.0906	P	0.1
5	☐	5000.000	4693.717	883790.39	2.1202	P	5.5
6	☐	10000.000	9779.631	1734939.25	4.4170	A	0.5
7	☐	20000.000	19356.453	3420991.30	8.7419	A	1.4
8	☐	100000.00	100168.07	18021883.90	45.2366	A	0.4

$$y = 4.5160\text{E-}004 * x + 4.8815\text{E-}004$$

$$R = 1.0000$$

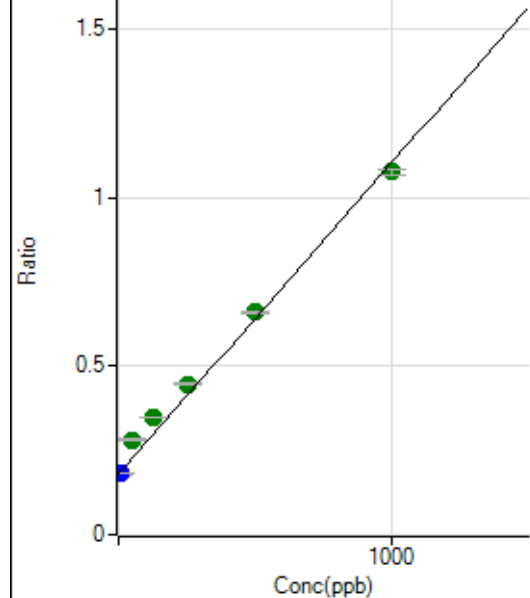
$$DL = 0.1819$$

$$BEC = 1.081$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	817274.45	0.1800	P	0.4
2	☐	10.000	4.366	836970.16	0.1840	P	0.7
3	☐	50.000	110.052	1261765.65	0.2816	A	2.0
4	☐	125.000	181.203	1475545.50	0.3473	A	0.8
5	☐	250.000	289.848	1821284.49	0.4476	A	0.4
6	☐	500.000	519.279	2577137.77	0.6594	A	0.9
7	☐	1000.000	970.427	4164694.52	1.0760	A	1.7
8	☐			620633.68	0.1611	P	1.5

$$y = 9.2336\text{E-}004 * x + 0.1800$$

$$R = 0.9966$$

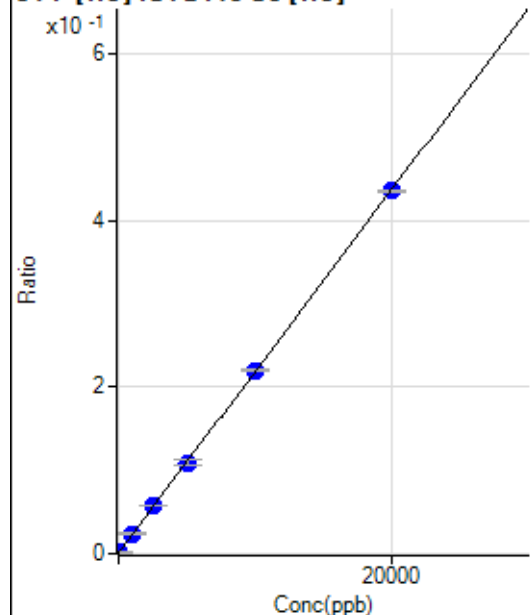
$$DL = 2.385$$

$$BEC = 194.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.668	200.00	0.0004	P	5.4
2	☐	0.000	17.668	541.13	0.0012	P	11.3
3	☐	1000.000	1069.070	10014.47	0.0241	P	7.9
4	☐	2500.000	2582.512	23868.68	0.0570	P	0.8
5	☐	5000.000	4987.877	45609.97	0.1094	P	5.2
6	☐	10000.000	10077.687	86490.02	0.2202	P	0.2
7	☐	20000.000	19950.420	170275.82	0.4351	P	0.3
8	☐			180.00	0.0005	P	5.0

$$y = 2.1767\text{E-}005 * x + 8.3295\text{E-}004$$

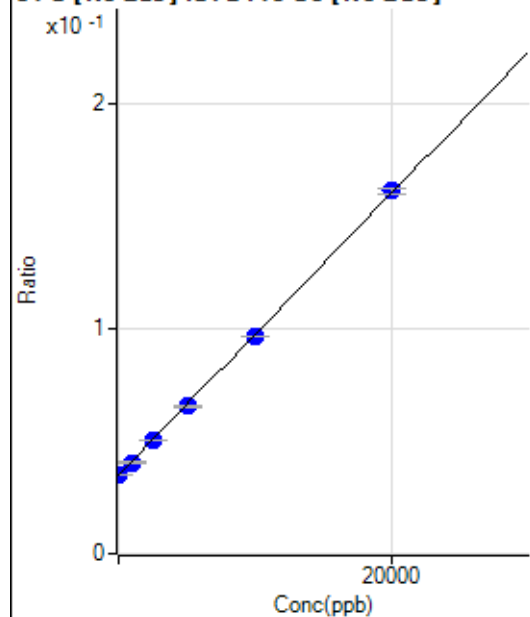
$$R = 1.0000$$

$$DL = 11.18$$

$$BEC = 38.27$$

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	-33.661	158211.35	0.0348	P	0.6
2	☐	0.000	33.661	160397.15	0.0353	P	0.9
3	☐	1000.000	877.879	181779.22	0.0406	P	1.1
4	☐	2500.000	2427.677	213685.10	0.0503	P	0.4
5	☐	5000.000	4865.142	266957.16	0.0656	P	0.4
6	☐	10000.000	9813.079	377854.43	0.0967	P	0.6
7	☐	20000.000	20142.321	625291.63	0.1616	P	1.7
8	☐			122432.20	0.0318	P	0.7

$$y = 6.2812\text{E-}006 * x + 0.0350$$

R = 0.9999

DL = 119.6

BEC = 5580

Weight: <None>

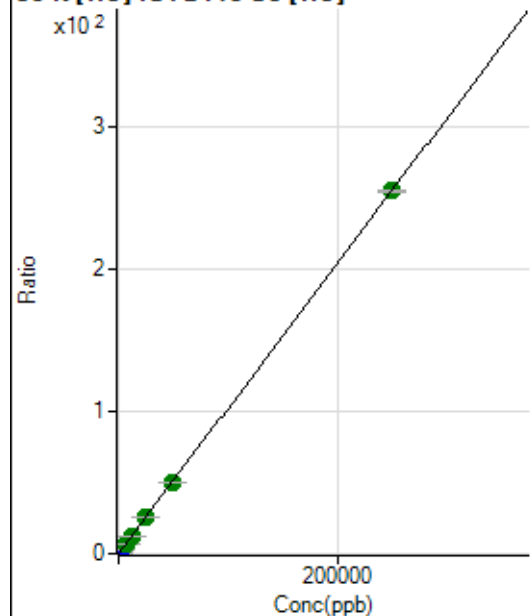
Min Conc: 0

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	52871.35	0.1185	P	1.1
2	☐	500.000	548.433	300952.19	0.6774	P	0.8
3	☐	2500.000	2718.516	1200225.28	2.8887	P	7.9
4	☐	6250.000	6270.880	2723190.65	6.5086	A	1.1
5	☐	12500.000	11920.552	5112816.48	12.2657	A	5.6
6	☐	25000.000	24585.440	9887051.80	25.1713	A	0.7
7	☐	50000.000	48819.846	19514848.60	49.8664	A	0.9
8	☐	250000.00	250303.65	101661569.6	255.1803	A	0.2

$$y = 0.0010 * x + 0.1185$$

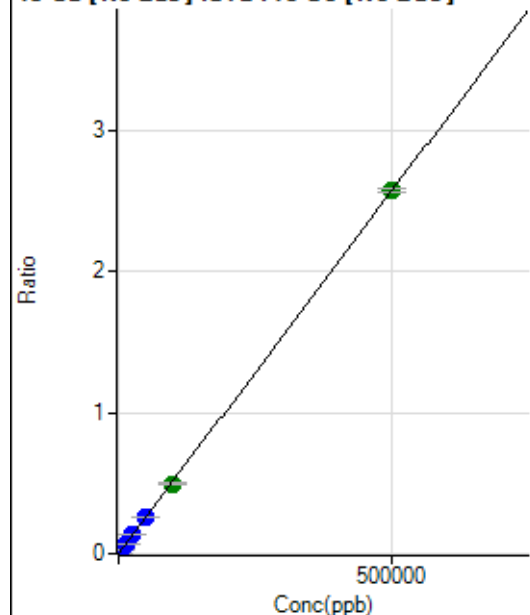
$$R = 1.0000$$

$$DL = 3.908$$

$$BEC = 116.3$$

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	305.56	0.0001	P	5.5
2	☐	500.000	548.100	13120.20	0.0029	P	0.4
3	☐	5000.000	5095.326	117656.86	0.0263	P	0.8
4	☐	12500.000	12808.201	279914.56	0.0659	P	1.3
5	☐	25000.000	25554.593	534640.05	0.1314	P	0.6
6	☐	50000.000	50445.326	1013402.31	0.2593	P	1.0
7	☐	100000.00	96546.262	1920468.36	0.4962	A	2.0
8	☐	500000.00	500609.77	9913660.62	2.5728	A	1.2

$$y = 5.1392\text{E-}006 * x + 6.7269\text{E-}005$$

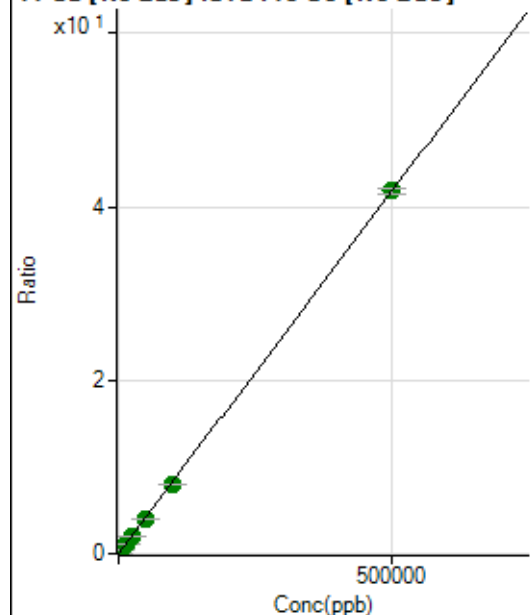
$$R = 1.0000$$

$$DL = 2.161$$

$$BEC = 13.09$$

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	6542.58	0.0014	P	3.2
2	☐	500.000	547.609	214518.05	0.0472	P	0.8
3	☐	5000.000	4864.740	1826317.61	0.4076	A	2.0
4	☐	12500.000	12199.349	4332308.23	1.0199	A	1.8
5	☐	25000.000	24373.762	8285473.97	2.0362	A	0.8
6	☐	50000.000	48313.319	15768072.82	4.0348	A	0.3
7	☐	100000.00	95846.800	30972593.15	8.0030	A	2.0
8	☐	500000.00	501039.44	161177210.9	41.8298	A	1.5

$$y = 8.3483\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

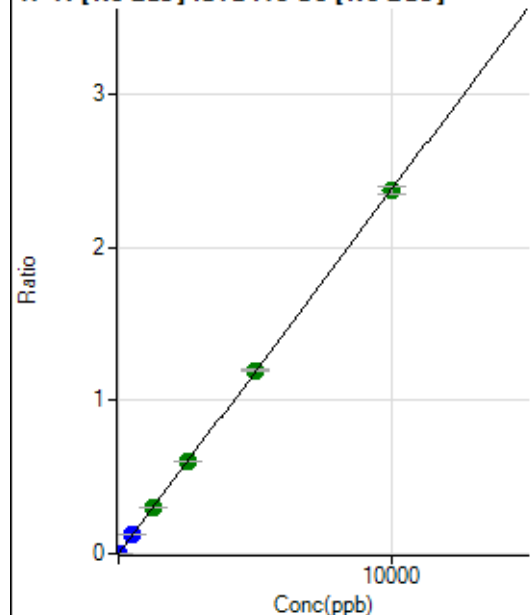
$$DL = 1.667$$

$$BEC = 17.26$$

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	51.11	0.0000	P	16.8
2	☐	5.000	5.591	6094.61	0.0013	P	0.8
3	☐	500.000	506.923	539879.63	0.1205	P	1.4
4	☐	1250.000	1268.932	1281087.01	0.3016	A	1.3
5	☐	2500.000	2534.626	2450804.22	0.6023	A	0.6
6	☐	5000.000	5037.776	4678434.10	1.1972	A	0.9
7	☐	10000.000	9969.742	9168759.58	2.3692	A	2.1
8	☐			640.02	0.0002	P	14.9

$$y = 2.3763E-004 * x + 1.1259E-005$$

$$R = 1.0000$$

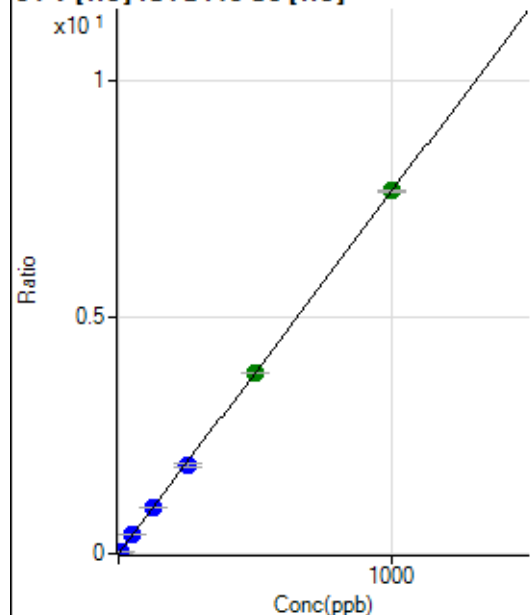
$$DL = 0.02391$$

$$BEC = 0.04738$$

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	15.55	0.0000	P	87.0
2	☐	5.000	5.534	18818.49	0.0424	P	1.0
3	☐	50.000	52.578	167066.05	0.4021	P	8.1
4	☐	125.000	125.688	402199.20	0.9613	P	0.5
5	☐	250.000	242.867	774334.61	1.8574	P	5.3
6	☐	500.000	499.873	1501625.60	3.8230	A	0.3
7	☐	1000.000	1001.629	2997926.14	7.6603	A	0.8
8	☐			838.92	0.0021	P	3.0

$$y = 0.0076 * x + 3.4880E-005$$

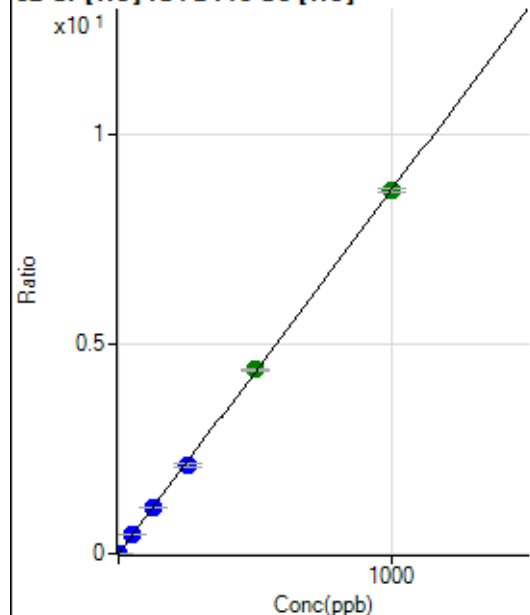
$$R = 1.0000$$

$$DL = 0.0119$$

$$BEC = 0.004561$$

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	786.70	0.0018	P	6.5
2	☐	2.000	2.213	9290.70	0.0209	P	1.2
3	☐	50.000	52.958	191089.67	0.4599	P	7.9
4	☐	125.000	126.326	458025.68	1.0947	P	0.4
5	☐	250.000	243.760	879866.90	2.1107	P	5.4
6	☐	500.000	506.669	1722474.63	4.3853	A	1.2
7	☐	1000.000	997.912	3379520.61	8.6354	A	0.9
8	☐			8646.19	0.0217	P	2.9

$$y = 0.0087 * x + 0.0018$$

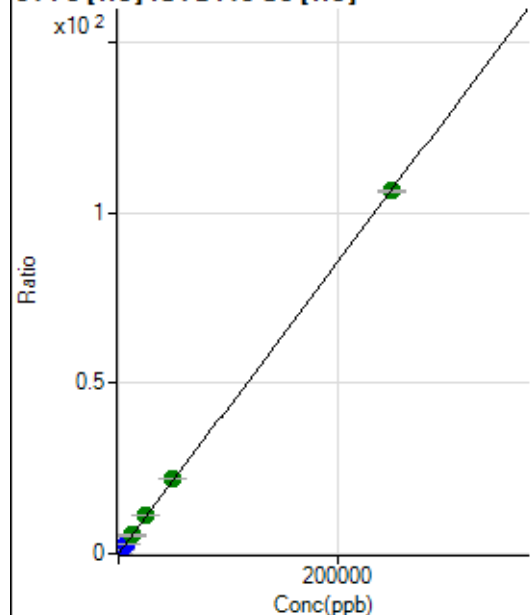
$$R = 0.9999$$

$$DL = 0.03965$$

$$BEC = 0.2039$$

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	2233.52	0.0050	P	4.0
2	☐	50.000	59.065	13404.92	0.0302	P	2.1
3	☐	2500.000	2820.956	501394.62	1.2069	P	8.0
4	☐	6250.000	6694.698	1195489.11	2.8573	P	0.1
5	☐	12500.000	12727.218	2262198.44	5.4274	A	5.8
6	☐	25000.000	26388.967	4418118.90	11.2480	A	0.6
7	☐	50000.000	51652.084	8614092.37	22.0113	A	0.1
8	☐	250000.00	249504.99	42351493.54	106.3064	A	0.2

$$y = 4.2605E-004 * x + 0.0050$$

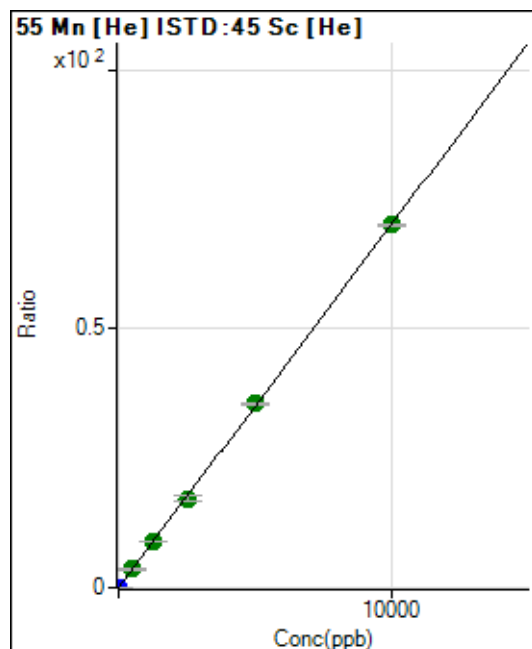
$$R = 1.0000$$

$$DL = 1.408$$

$$BEC = 11.76$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.11	0.0005	P	12.5
2	☐	1.000	1.091	3613.80	0.0081	P	2.6
3	☐	500.000	523.380	1527150.29	3.6765	A	8.4
4	☐	1250.000	1246.171	3662348.21	8.7532	A	0.4
5	☐	2500.000	2444.891	7156771.08	17.1726	A	6.3
6	☐	5000.000	5057.273	13952143.96	35.5211	A	0.6
7	☐	10000.000	9984.451	27443749.87	70.1279	A	0.8
8	☐			14158.97	0.0355	P	2.6

$$y = 0.0070 * x + 4.7354E-004$$

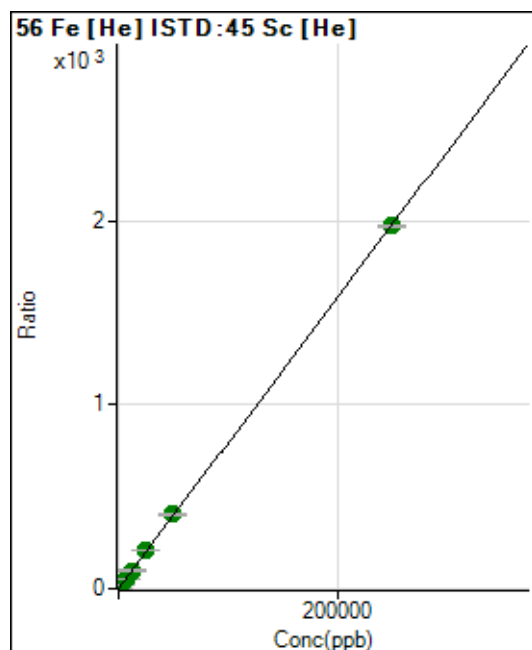
$$R = 1.0000$$

$$DL = 0.02526$$

$$BEC = 0.06742$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15598.16	0.0350	P	2.1
2	☐	50.000	57.183	216409.43	0.4871	P	0.6
3	☐	2500.000	2704.641	8899807.44	21.4197	A	7.8
4	☐	6250.000	6427.357	21277534.40	50.8540	A	0.7
5	☐	12500.000	12565.454	41423647.44	99.3859	A	5.9
6	☐	25000.000	25898.635	80445972.69	204.8070	A	0.3
7	☐	50000.000	51208.948	158460587.6	404.9273	A	1.2
8	☐	250000.00	249658.59	786424850.5	1,974.003	A	0.4

$$y = 0.0079 * x + 0.0350$$

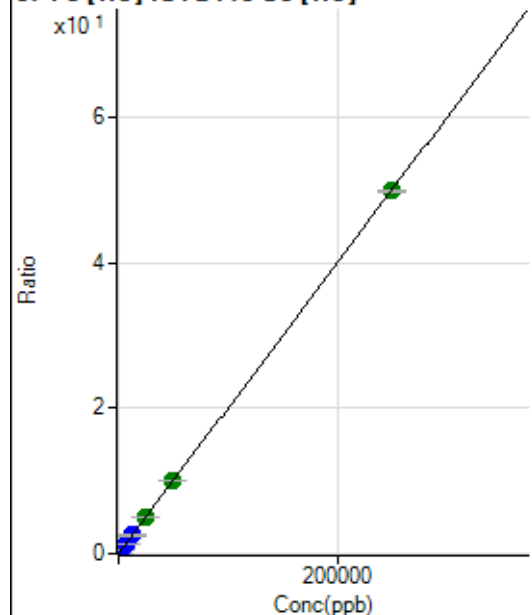
$$R = 1.0000$$

$$DL = 0.2851$$

$$BEC = 4.423$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1300.07	0.0029	P	4.5
2	☐	50.000	58.596	6498.13	0.0146	P	1.5
3	☐	2500.000	2734.066	228215.41	0.5493	P	8.0
4	☐	6250.000	6520.716	546470.83	1.3061	P	0.4
5	☐	12500.000	12654.320	1055512.60	2.5319	P	5.2
6	☐	25000.000	25619.181	2012275.70	5.1229	A	1.1
7	☐	50000.000	50634.659	3961308.80	10.1223	A	1.0
8	☐	250000.00	249794.32	19889357.90	49.9247	A	0.7

$$y = 1.9985\text{E-}004 * x + 0.0029$$

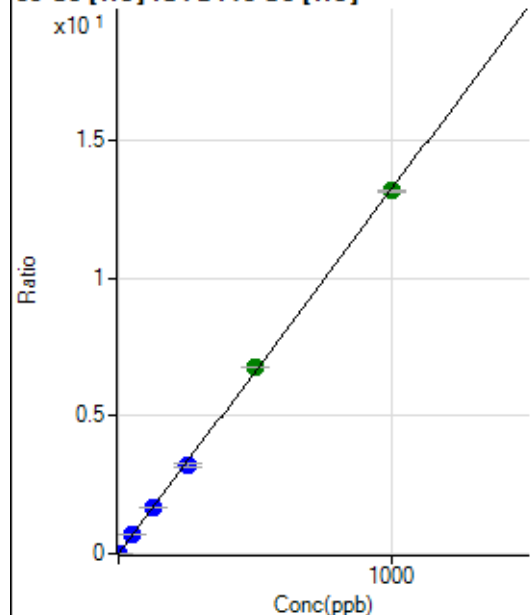
$$R = 1.0000$$

$$DL = 1.967$$

$$BEC = 14.58$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0003	P	8.9
2	☐	1.000	1.164	6962.79	0.0157	P	3.7
3	☐	50.000	53.112	291973.84	0.7027	P	7.9
4	☐	125.000	126.512	700214.47	1.6735	P	0.6
5	☐	250.000	243.385	1341830.80	3.2193	P	5.8
6	☐	500.000	512.006	2660030.08	6.7722	A	0.4
7	☐	1000.000	995.306	5151814.02	13.1644	A	0.5
8	☐			14007.71	0.0352	P	1.6

$$y = 0.0132 * x + 2.7393\text{E-}004$$

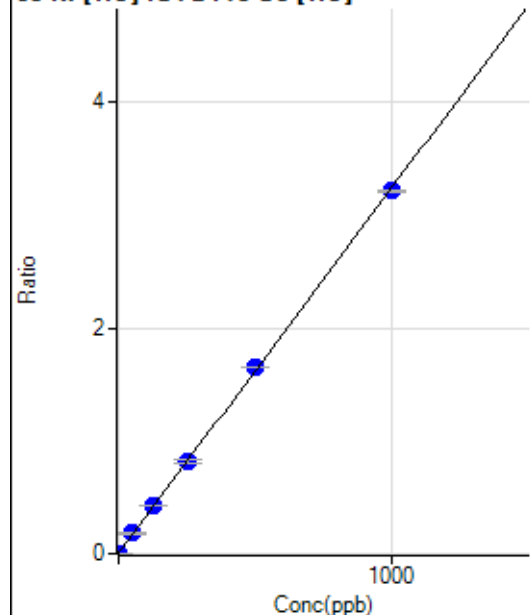
$$R = 0.9999$$

$$DL = 0.005546$$

$$BEC = 0.02071$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1595.66	0.0036	P	4.4
2	☐	1.000	1.173	3275.95	0.0074	P	3.1
3	☐	50.000	55.460	76071.55	0.1830	P	7.4
4	☐	125.000	131.162	179086.16	0.4280	P	0.3
5	☐	250.000	252.407	341974.45	0.8204	P	5.5
6	☐	500.000	511.540	651608.86	1.6589	P	0.2
7	☐	1000.000	992.585	1258416.74	3.2156	P	0.3
8	☐			6508.13	0.0163	P	1.2

$$y = 0.0032 * x + 0.0036$$

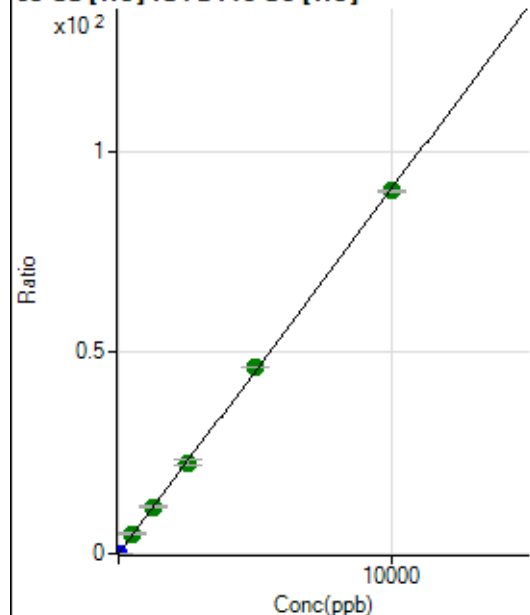
$$R = 0.9999$$

$$DL = 0.145$$

$$BEC = 1.106$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1456.75	0.0033	P	5.1
2	☐	2.000	2.189	10273.59	0.0231	P	1.7
3	☐	500.000	546.147	2060674.33	4.9573	A	6.9
4	☐	1250.000	1287.912	4889336.94	11.6857	A	1.0
5	☐	2500.000	2491.729	9423572.71	22.6053	A	5.3
6	☐	5000.000	5100.105	18172563.76	46.2654	A	0.3
7	☐	10000.000	9944.969	35304315.58	90.2123	A	0.2
8	☐			5461.04	0.0137	P	3.4

$$y = 0.0091 * x + 0.0033$$

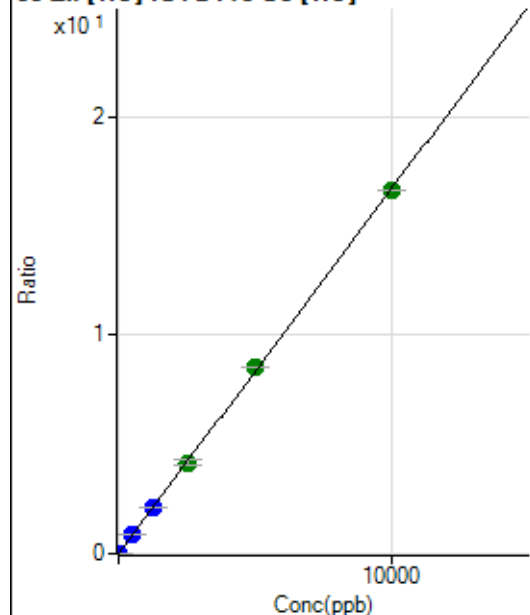
$$R = 0.9999$$

$$DL = 0.05557$$

$$BEC = 0.36$$

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	453.34	0.0010	P	7.5
2	☐	2.000	5.431	4480.71	0.0101	P	2.1
3	☐	500.000	521.428	362200.99	0.8718	P	7.9
4	☐	1250.000	1253.732	876407.46	2.0947	P	0.4
5	☐	2500.000	2496.501	1738658.64	4.1700	A	4.8
6	☐	5000.000	5108.720	3351385.02	8.5322	A	0.7
7	☐	10000.000	9944.976	6499722.75	16.6084	A	0.2
8	☐			3115.91	0.0078	P	6.6

$$y = 0.0017 * x + 0.0010$$

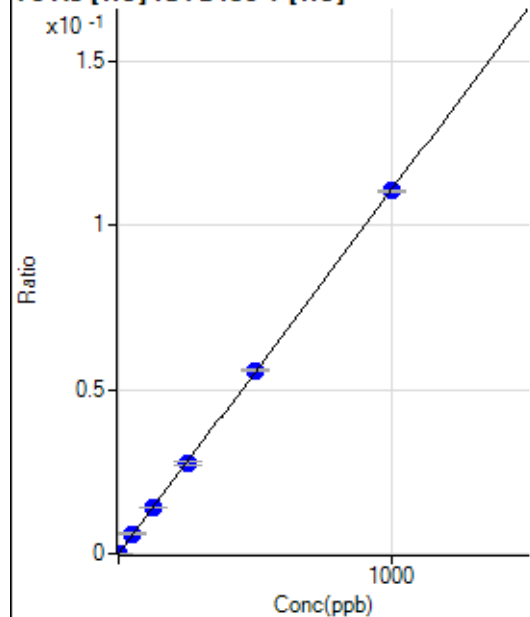
$$R = 0.9999$$

$$DL = 0.1371$$

$$BEC = 0.6084$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	100.
2	☐	1.000	1.162	586.68	0.0001	P	5.3
3	☐	50.000	55.142	25793.56	0.0061	P	6.1
4	☐	125.000	128.248	61212.20	0.0142	P	1.1
5	☐	250.000	248.157	118060.44	0.0275	P	3.5
6	☐	500.000	504.081	229878.17	0.0559	P	0.7
7	☐	1000.000	997.757	452411.06	0.1106	P	0.8
8	☐			260.00	0.0001	P	4.3

$$y = 1.1084E-004 * x + 2.2207E-006$$

$$R = 1.0000$$

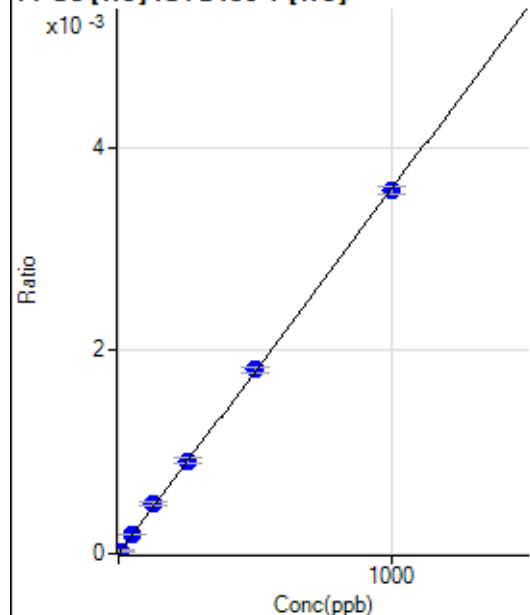
$$DL = 0.06037$$

$$BEC = 0.02003$$

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	7.532	121.12	0.0000	P	18.1
3	☐	50.000	52.301	792.25	0.0002	P	7.6
4	☐	125.000	136.108	2104.62	0.0005	P	7.7
5	☐	250.000	255.133	3931.68	0.0009	P	5.8
6	☐	500.000	504.656	7458.61	0.0018	P	3.2
7	☐	1000.000	994.873	14622.86	0.0036	P	2.1
8	☐			4.44	0.0000	P	115.

$$y = 3.5926\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

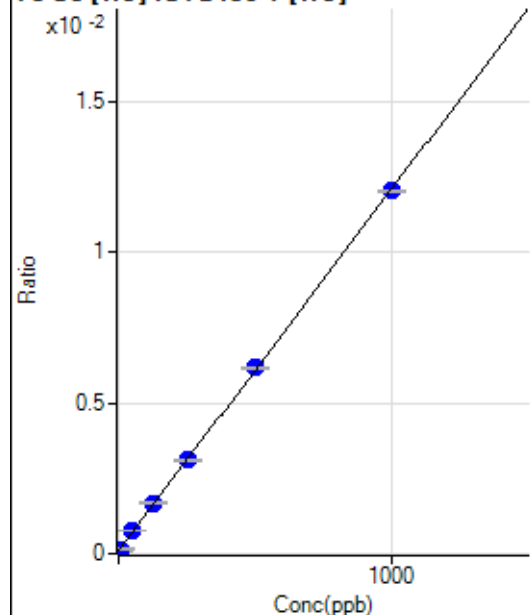
$$DL = 0$$

$$BEC = 0$$

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	443.34	0.0001	P	7.3
2	☐	5.000	4.932	705.58	0.0002	P	6.2
3	☐	50.000	55.635	3234.83	0.0008	P	4.9
4	☐	125.000	132.489	7274.07	0.0017	P	1.4
5	☐	250.000	250.097	13314.95	0.0031	P	2.8
6	☐	500.000	506.702	25439.72	0.0062	P	1.0
7	☐	1000.000	995.408	49305.09	0.0121	P	0.3
8	☐			346.67	0.0001	P	8.4

$$y = 1.2009\text{E-}005 * x + 9.8306\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.796$$

$$BEC = 8.186$$

Weight: <None>

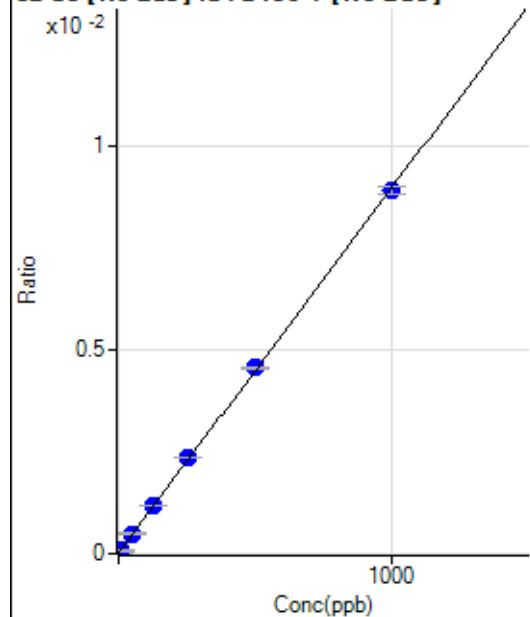
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15847.46		P	2.3
2	☐			16190.13		P	0.6
3	☐			14820.87		P	3.6
4	☐			13992.28		P	3.7
5	☐			13167.07		P	2.6
6	☐			12586.55		P	1.5
7	☐			13062.56		P	1.4
8	☐			13618.59		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.78		P	10.5
2	☐			112.22		P	17.4
3	☐			105.56		P	15.6
4	☐			103.33		P	28.7
5	☐			98.89		P	7.0
6	☐			101.11		P	31.2
7	☐			83.33		P	14.4
8	☐			107.78		P	4.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.05	0.0000	P	17.6
2	☐	5.000	5.768	1093.43	0.0001	P	4.8
3	☐	50.000	53.089	7557.97	0.0005	P	1.4
4	☐	125.000	128.615	17439.95	0.0012	P	0.2
5	☐	250.000	260.307	34027.71	0.0023	P	0.5
6	☐	500.000	508.073	64224.62	0.0046	P	0.7
7	☐	1000.000	992.777	124528.72	0.0089	P	2.0
8	☐			391.57	0.0000	P	9.1

$$y = 8.9390\text{E-}006 * x + 1.9303\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.138$$

$$BEC = 2.159$$

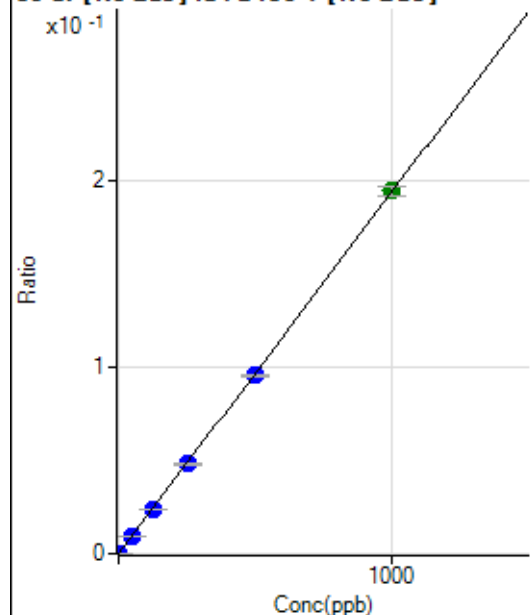
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			195.56		P	9.7
2	☐			192.23		P	18.0
3	☐			122.23		P	15.5
4	☐			176.67		P	1.9
5	☐			141.12		P	16.1
6	☐			164.45		P	10.0
7	☐			148.89		P	13.7
8	☐			194.45		P	14.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0000	P	5.6
2	☐	1.000	1.053	3439.32	0.0002	P	2.4
3	☐	50.000	49.904	148180.73	0.0097	P	0.7
4	☐	125.000	123.288	356455.64	0.0239	P	0.8
5	☐	250.000	247.781	696190.33	0.0480	P	0.7
6	☐	500.000	492.521	1343324.83	0.0954	P	0.9
7	☐	1000.000	1004.513	2723941.28	0.1945	A	2.5
8	☐			9119.55	0.0007	P	3.2

$$y = 1.9365E-004 * x + 1.8921E-005$$

$$R = 1.0000$$

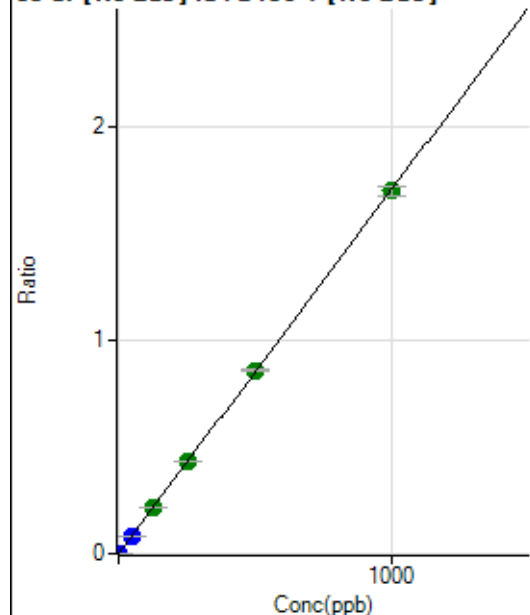
$$DL = 0.01653$$

$$BEC = 0.0977$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176.67	0.0000	P	3.7
2	☐	1.000	1.057	27959.99	0.0018	P	0.8
3	☐	50.000	49.064	1279765.81	0.0836	P	1.2
4	☐	125.000	125.722	3196845.23	0.2143	A	0.5
5	☐	250.000	253.501	6266407.34	0.4321	A	0.6
6	☐	500.000	504.375	12104962.87	0.8596	A	0.3
7	☐	1000.000	996.894	23788140.48	1.6991	A	2.6
8	☐			77560.65	0.0057	P	0.9

$$y = 0.0017 * x + 1.1481E-005$$

$$R = 1.0000$$

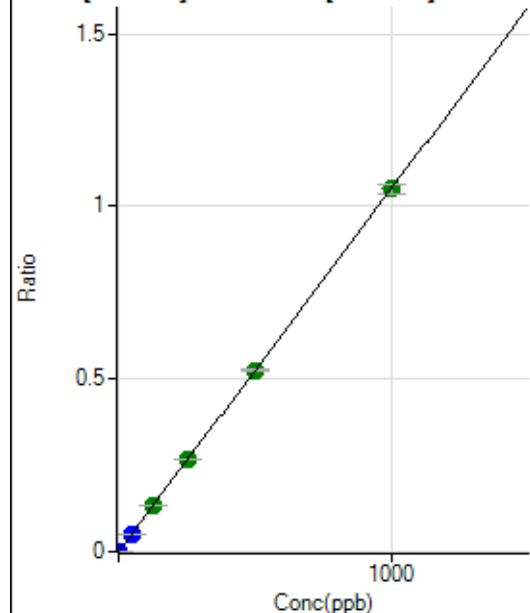
$$DL = 0.0007571$$

$$BEC = 0.006736$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	485.57	0.0000	P	12.9
2	☐	1.000	1.036	17294.75	0.0011	P	1.1
3	☐	50.000	49.096	790520.56	0.0517	P	0.9
4	☐	125.000	124.924	1960274.64	0.1314	A	0.3
5	☐	250.000	253.198	3862054.11	0.2663	A	0.7
6	☐	500.000	500.039	7404847.11	0.5259	A	0.4
7	☐	1000.000	999.236	14711494.92	1.0508	A	2.8
8	☐			25694.77	0.0019	P	0.4

$$y = 0.0011 * x + 3.1560E-005$$

$$R = 1.0000$$

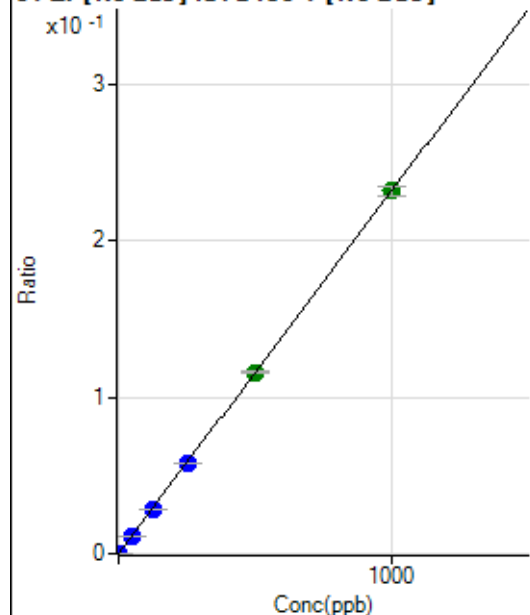
$$DL = 0.01163$$

$$BEC = 0.03001$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.44	0.0000	P	6.0
2	☐	1.000	1.024	3749.41	0.0002	P	1.3
3	☐	50.000	49.323	175148.32	0.0114	P	1.2
4	☐	125.000	123.396	427071.88	0.0286	P	0.4
5	☐	250.000	249.695	840070.14	0.0579	P	0.6
6	☐	500.000	500.107	1633509.66	0.1160	A	1.4
7	☐	1000.000	1000.257	3248307.97	0.2320	A	2.8
8	☐			5642.24	0.0004	P	2.0

$$y = 2.3195E-004 * x + 5.4878E-006$$

$$R = 1.0000$$

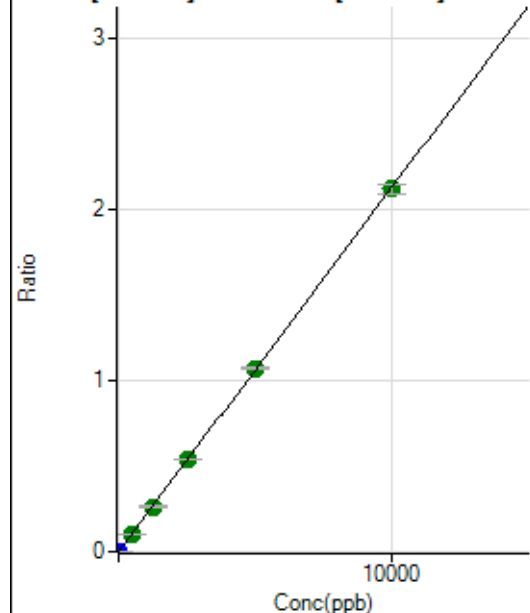
$$DL = 0.004293$$

$$BEC = 0.02366$$

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	218.90	0.0000	P	17.9
2	☐	5.000	6.237	20689.15	0.0013	P	0.8
3	☐	500.000	496.599	1616581.19	0.1056	A	1.2
4	☐	1250.000	1241.209	3938676.36	0.2640	A	0.3
5	☐	2500.000	2529.852	7804286.69	0.5381	A	0.4
6	☐	5000.000	5039.799	15094715.61	1.0720	A	0.6
7	☐	10000.000	9973.906	29699809.56	2.1214	A	3.0
8	☐			12641.08	0.0009	P	0.5

$$y = 2.1270\text{E-}004 * x + 1.4229\text{E-}005$$

$$R = 1.0000$$

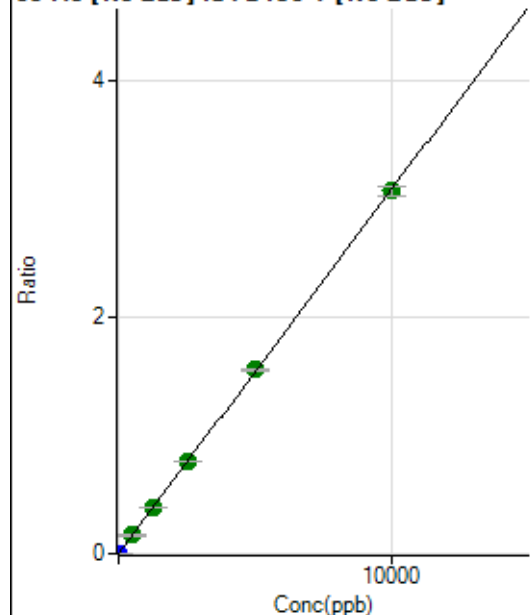
$$DL = 0.03586$$

$$BEC = 0.0669$$

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	100.00	0.0000	P	8.7
2	☐	5.000	5.258	25060.37	0.0016	P	0.9
3	☐	500.000	504.399	2374774.37	0.1552	A	1.7
4	☐	1250.000	1254.240	5756790.75	0.3859	A	0.4
5	☐	2500.000	2544.961	11355887.75	0.7830	A	0.3
6	☐	5000.000	5051.282	21883479.67	1.5541	A	0.3
7	☐	10000.000	9962.369	42911925.19	3.0650	A	2.6
8	☐			4944.21	0.0004	P	2.6

$$y = 3.0766\text{E-}004 * x + 6.4983\text{E-}006$$

$$R = 1.0000$$

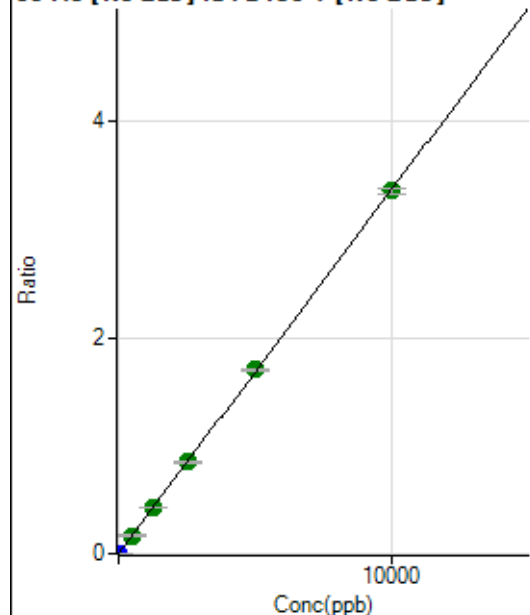
$$DL = 0.005521$$

$$BEC = 0.02112$$

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	175.56	0.0000	P	10.9
2	☐	5.000	5.309	27785.26	0.0018	P	1.3
3	☐	500.000	501.289	2585956.70	0.1690	A	1.5
4	☐	1250.000	1251.534	6293777.68	0.4219	A	0.9
5	☐	2500.000	2511.311	12277822.46	0.8465	A	0.3
6	☐	5000.000	5050.602	23973713.81	1.7025	A	0.7
7	☐	10000.000	9971.615	47066828.74	3.3613	A	1.8
8	☐			16517.19	0.0012	P	2.3

$$y = 3.3709\text{E-}004 * x + 1.1410\text{E-}005$$

$$R = 1.0000$$

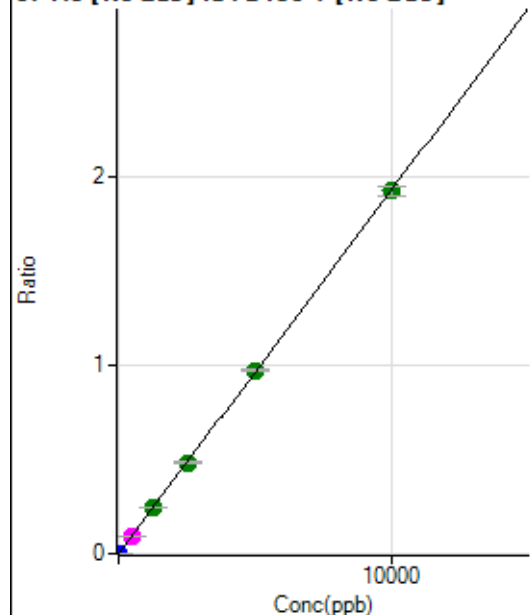
$$DL = 0.01109$$

$$BEC = 0.03385$$

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	74.45	0.0000	P	17.9
2	☐	5.000	5.254	15706.31	0.0010	P	0.3
3	☐	500.000	493.158	1455211.59	0.0951	M	1.0
4	☐	1250.000	1249.267	3593724.67	0.2409	A	0.7
5	☐	2500.000	2511.187	7022842.39	0.4842	A	0.5
6	☐	5000.000	5035.964	13673077.71	0.9710	A	1.0
7	☐	10000.000	9979.655	26940543.77	1.9242	A	2.6
8	☐			3183.71	0.0002	P	2.1

$$y = 1.9281\text{E-}004 * x + 4.8371\text{E-}006$$

$$R = 1.0000$$

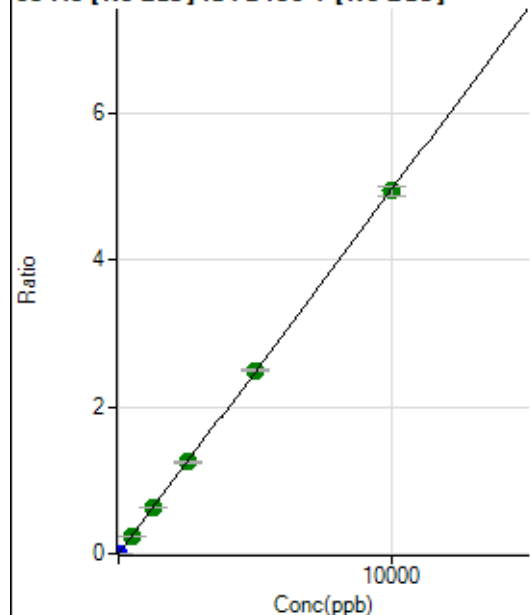
$$DL = 0.01349$$

$$BEC = 0.02509$$

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	164.45	0.0000	P	16.4
2	☐	5.000	5.272	40449.21	0.0026	P	1.2
3	☐	500.000	498.112	3775015.74	0.2467	A	0.5
4	☐	1250.000	1252.645	9254587.92	0.6203	A	0.5
5	☐	2500.000	2515.622	18068399.31	1.2458	A	0.4
6	☐	5000.000	5043.463	35169657.53	2.4976	A	1.1
7	☐	10000.000	9974.127	69155542.86	4.9394	A	2.5
8	☐			7435.28	0.0005	P	4.0

$$y = 4.9522\text{E-}004 * x + 1.0687\text{E-}005$$

$$R = 1.0000$$

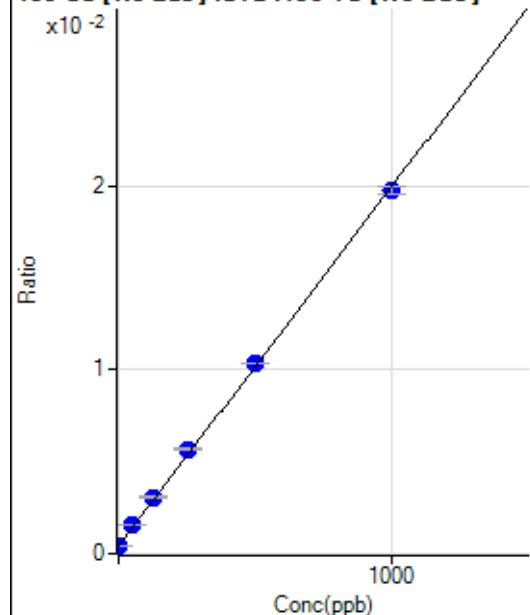
$$DL = 0.01062$$

$$BEC = 0.02158$$

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	4664.13	0.0004	P	3.3
2	☐	1.000	1.210	4972.01	0.0004	P	3.2
3	☐	50.000	57.764	17675.28	0.0015	P	1.3
4	☐	125.000	136.348	35309.51	0.0031	P	1.7
5	☐	250.000	269.621	64903.97	0.0057	P	2.8
6	☐	500.000	509.084	120796.52	0.0103	P	0.7
7	☐	1000.000	988.746	230895.96	0.0197	P	2.1
8	☐			4219.54	0.0004	P	1.9

$$y = 1.9515\text{E-}005 * x + 4.0973\text{E-}004$$

$$R = 0.9997$$

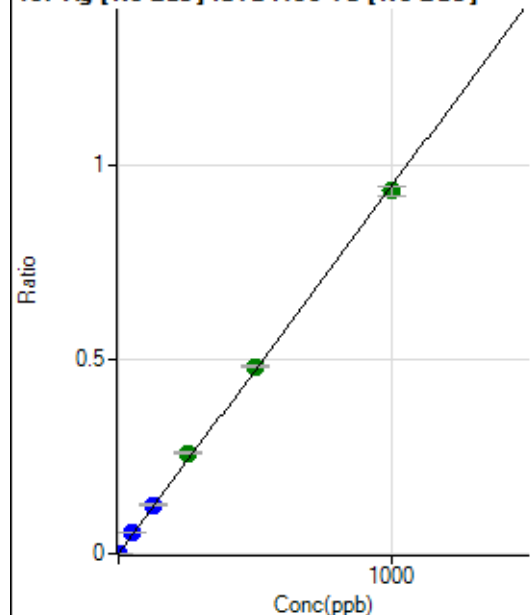
$$DL = 2.088$$

$$BEC = 21$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	22.8
2	☐	1.000	1.190	12987.02	0.0011	P	1.2
3	☐	50.000	55.388	602059.12	0.0524	P	0.9
4	☐	125.000	133.000	1445843.71	0.1257	P	1.3
5	☐	250.000	273.918	2963790.20	0.2589	A	0.7
6	☐	500.000	510.294	5632884.78	0.4824	A	1.3
7	☐	1000.000	987.604	10938682.89	0.9336	A	2.3
8	☐			1018.94	0.0001	P	6.5

$$y = 9.4529E-004 * x + 7.3275E-006$$

$$R = 0.9996$$

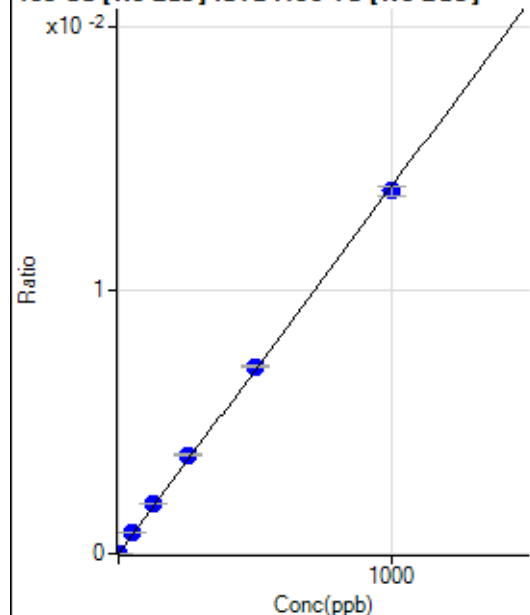
$$DL = 0.005313$$

$$BEC = 0.007752$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	95.8
2	☐	1.000	1.105	187.78	0.0000	P	13.8
3	☐	50.000	57.204	9177.42	0.0008	P	0.9
4	☐	125.000	136.818	21935.53	0.0019	P	1.3
5	☐	250.000	269.313	42961.15	0.0038	P	1.8
6	☐	500.000	510.396	83062.36	0.0071	P	1.1
7	☐	1000.000	988.136	161337.62	0.0138	P	2.9
8	☐			94.45	0.0000	P	26.0

$$y = 1.3935E-005 * x + 9.7161E-007$$

$$R = 0.9997$$

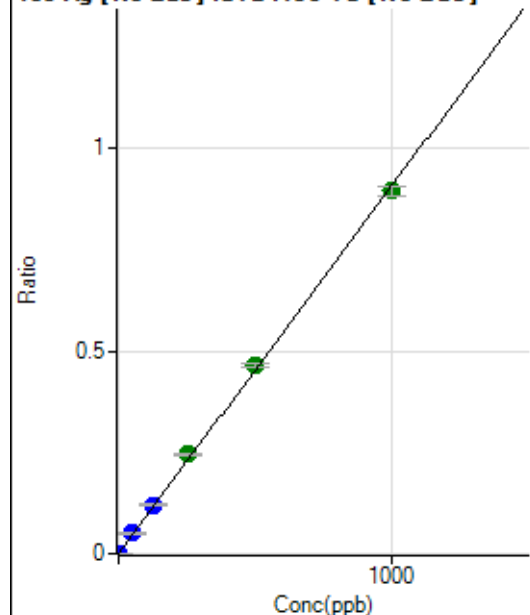
$$DL = 0.2004$$

$$BEC = 0.06973$$

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	34.44	0.0000	P	58.6
2	☐	1.000	1.137	11858.26	0.0010	P	1.2
3	☐	50.000	55.047	573718.22	0.0499	P	1.3
4	☐	125.000	133.321	1389765.71	0.1209	P	1.3
5	☐	250.000	271.013	2811830.51	0.2457	A	1.9
6	☐	500.000	512.160	5421034.02	0.4643	A	1.5
7	☐	1000.000	987.374	10486562.07	0.8950	A	2.6
8	☐			866.70	0.0001	P	16.6

$$y = 9.0647\text{E-}004 * x + 3.0262\text{E-}006$$

$$R = 0.9996$$

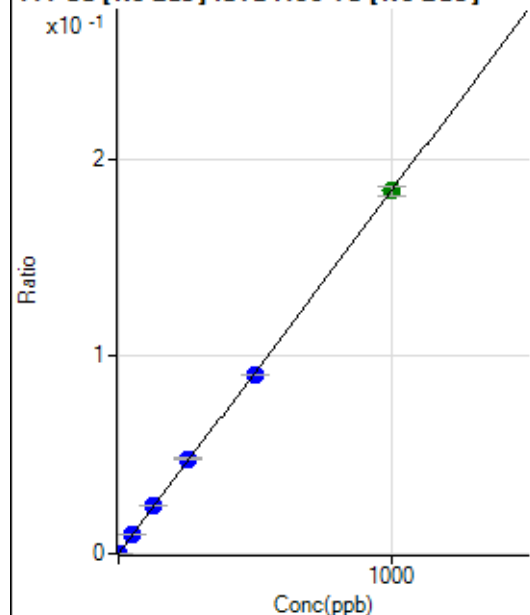
$$DL = 0.005868$$

$$BEC = 0.003338$$

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	939.50	0.0001	P	3.1
2	☐	1.000	1.181	3436.55	0.0003	P	4.7
3	☐	50.000	54.539	116121.64	0.0101	P	1.2
4	☐	125.000	132.157	280077.19	0.0244	P	1.8
5	☐	250.000	260.867	549333.54	0.0480	P	2.0
6	☐	500.000	492.802	1057933.37	0.0906	P	0.7
7	☐	1000.000	999.760	2152526.11	0.1837	A	2.6
8	☐			1058.91	0.0001	P	5.5

$$y = 1.8368\text{E-}004 * x + 8.2534\text{E-}005$$

$$R = 0.9999$$

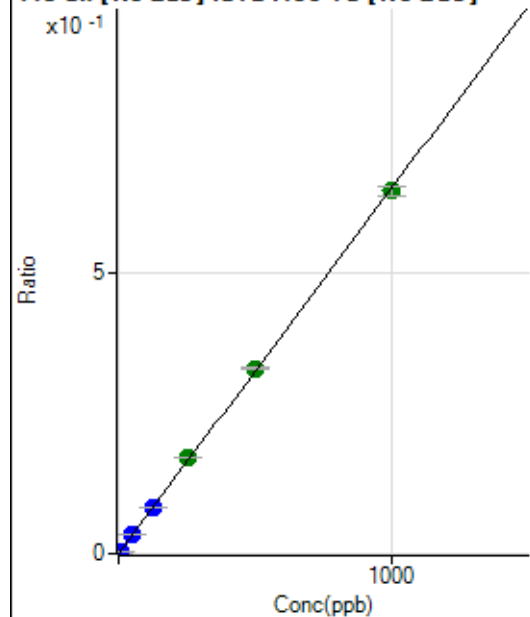
$$DL = 0.04164$$

$$BEC = 0.4493$$

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	1092.27	0.0001	P	2.1
2	☐	5.000	5.590	42841.13	0.0037	P	1.1
3	☐	50.000	51.660	387594.18	0.0337	P	1.4
4	☐	125.000	126.911	950781.51	0.0827	P	1.4
5	☐	250.000	262.883	1959115.18	0.1712	A	0.6
6	☐	500.000	505.954	3845689.77	0.3293	A	1.0
7	☐	1000.000	993.477	7575331.42	0.6466	A	2.9
8	☐			2195.74	0.0002	P	3.4

$$y = 6.5073\text{E-}004 * x + 9.5942\text{E-}005$$

$$R = 0.9999$$

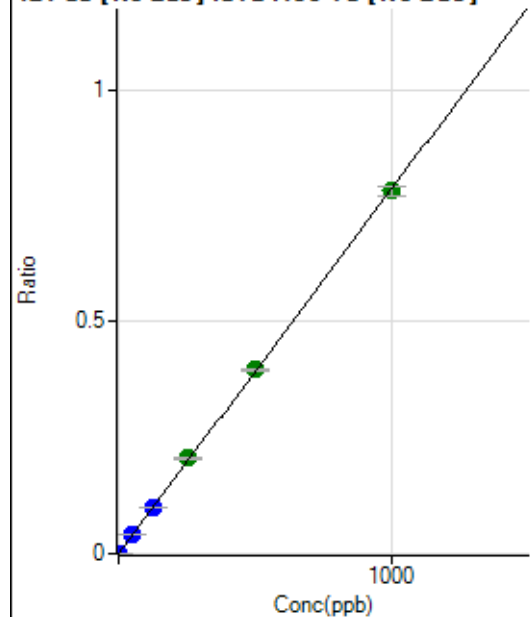
$$DL = 0.00932$$

$$BEC = 0.1474$$

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	33.33	0.0000	P	40.3
2	☐	2.000	2.200	19849.34	0.0017	P	2.3
3	☐	50.000	50.953	459946.25	0.0400	P	2.1
4	☐	125.000	125.339	1131651.31	0.0984	P	1.7
5	☐	250.000	261.113	2346555.83	0.2050	A	0.7
6	☐	500.000	504.203	4622662.08	0.3959	A	0.8
7	☐	1000.000	995.030	9153260.63	0.7812	A	2.7
8	☐			2642.49	0.0002	P	3.6

$$y = 7.8514\text{E-}004 * x + 2.9291\text{E-}006$$

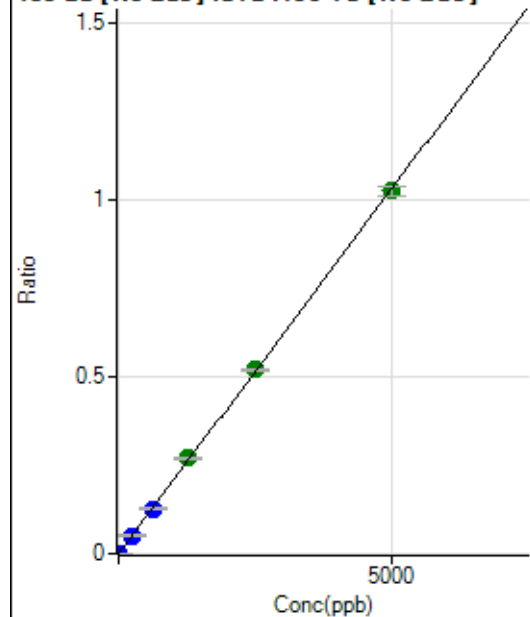
$$R = 0.9999$$

$$DL = 0.004506$$

$$BEC = 0.003731$$

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	37.78	0.0000	P	19.6
2	☐	10.000	10.787	25502.88	0.0022	P	1.7
3	☐	250.000	250.245	591945.78	0.0515	P	1.4
4	☐	625.000	618.700	1463755.83	0.1273	P	1.6
5	☐	1250.000	1307.649	3079382.49	0.2690	A	0.6
6	☐	2500.000	2522.566	6060117.55	0.5190	A	1.1
7	☐	5000.000	4975.079	11992875.38	1.0236	A	2.4
8	☐			4117.30	0.0004	P	0.3

$$y = 2.0574\text{E-}004 * x + 3.3155\text{E-}006$$

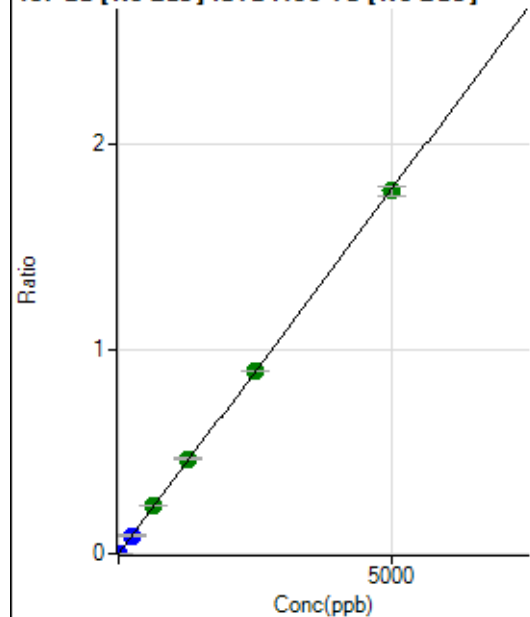
$$R = 0.9999$$

$$DL = 0.009493$$

$$BEC = 0.01612$$

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	56.67	0.0000	P	21.2
2	☐	10.000	10.837	44363.37	0.0039	P	0.6
3	☐	250.000	250.152	1024788.90	0.0891	P	1.6
4	☐	625.000	654.558	2682225.45	0.2332	A	0.7
5	☐	1250.000	1299.478	5299294.09	0.4630	A	1.7
6	☐	2500.000	2505.507	10424797.28	0.8928	A	0.6
7	☐	5000.000	4981.173	20794614.42	1.7749	A	2.8
8	☐			7230.79	0.0007	P	2.6

$$y = 3.5631\text{E-}004 * x + 4.9776\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008899$$

$$BEC = 0.01397$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			12.22		P	78.7
3	☐			38.89		P	19.8
4	☐			100.00		P	18.6
5	☐			170.00		P	23.8
6	☐			324.45		P	19.1
7	☐			716.69		P	2.6
8	☐			211.11		P	12.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			20.00		P	44.1
4	☐			27.78		P	27.7
5	☐			45.56		P	18.4
6	☐			80.00		P	12.5
7	☐			197.78		P	18.6
8	☐			130.00		P	11.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			12.22		P	31.5
3	☐			22.22		P	22.9
4	☐			31.11		P	44.6
5	☐			67.78		P	10.2
6	☐			118.89		P	8.1
7	☐			232.23		P	9.8
8	☐			333.34		P	20.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	173.
3	☐			33.34		P	17.3
4	☐			83.33		P	20.0
5	☐			145.56		P	13.0
6	☐			314.45		P	7.1
7	☐			644.47		P	4.6
8	☐			286.67		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.34		P	35.2
2	☐			45.56		P	33.8
3	☐			37.78		P	18.4
4	☐			43.33		P	46.8
5	☐			66.67		P	35.0
6	☐			96.67		P	12.4
7	☐			161.11		P	3.2
8	☐			338.90		P	2.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			403.34		P	3.6
2	☐			421.12		P	9.2
3	☐			377.79		P	11.0
4	☐			406.68		P	11.1
5	☐			435.57		P	10.9
6	☐			404.45		P	10.2
7	☐			460.01		P	2.6
8	☐			633.35		P	6.9

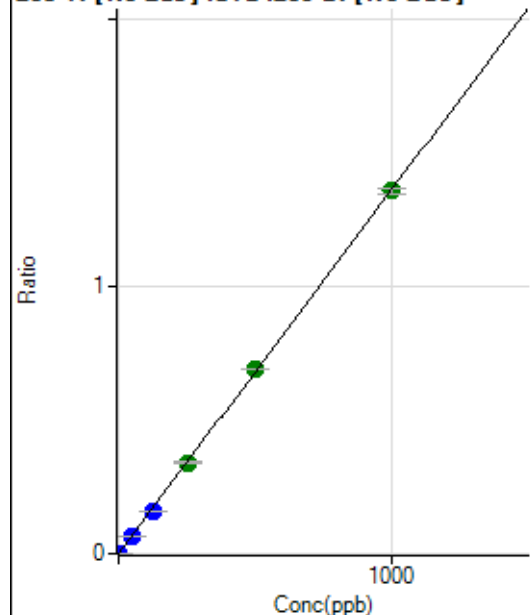
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	30.6
2	☐			50.00		P	30.5
3	☐			56.67		P	17.6
4	☐			66.67		P	15.0
5	☐			74.44		P	33.9
6	☐			92.22		P	15.0
7	☐			193.34		P	13.7
8	☐			433.35		P	8.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	36.4
2	☐			32.22		P	23.9
3	☐			40.00		P	22.0
4	☐			43.33		P	38.5
5	☐			60.00		P	5.5
6	☐			81.11		P	12.6
7	☐			150.00		P	17.4
8	☐			323.34		P	6.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0000	P	31.5
2	☐	1.000	0.963	9425.55	0.0013	P	2.4
3	☐	50.000	45.503	439645.79	0.0619	P	1.5
4	☐	125.000	114.675	1106066.62	0.1560	P	1.1
5	☐	250.000	250.986	2457967.06	0.3414	A	0.7
6	☐	500.000	507.563	4957810.52	0.6905	A	0.2
7	☐	1000.000	997.487	9797283.74	1.3570	A	1.5
8	☐			566.68	0.0001	P	4.6

$$y = 0.0014 * x + 1.7609E-005$$

$$R = 0.9999$$

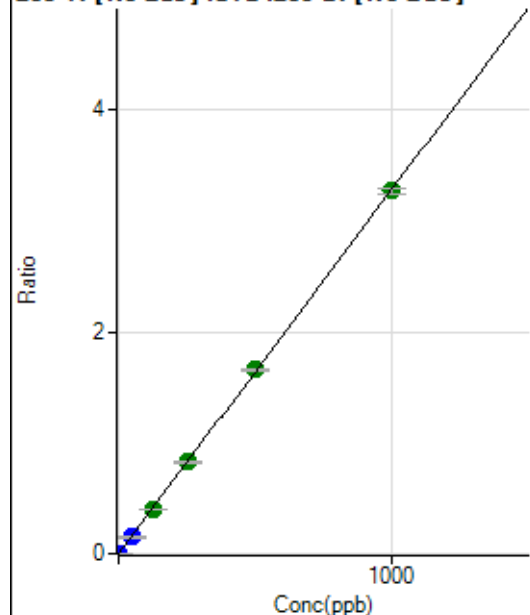
$$DL = 0.01222$$

$$BEC = 0.01294$$

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	320.01	0.0000	P	19.4
2	☐	1.000	0.971	22928.27	0.0032	P	1.0
3	☐	50.000	44.982	1047833.18	0.1476	P	1.3
4	☐	125.000	123.757	2877819.96	0.4059	A	0.7
5	☐	250.000	251.247	5931822.48	0.8241	A	1.6
6	☐	500.000	505.585	11906162.88	1.6582	A	0.7
7	☐	1000.000	997.302	23616263.54	3.2709	A	1.2
8	☐			1338.97	0.0002	P	7.6

$$y = 0.0033 * x + 4.4916E-005$$

$$R = 1.0000$$

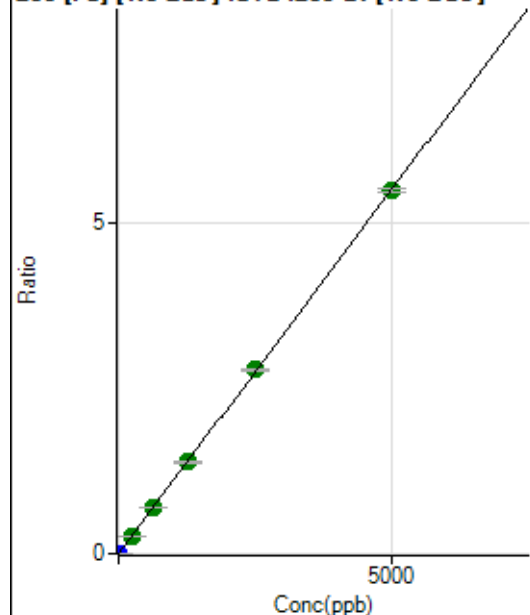
$$DL = 0.007959$$

$$BEC = 0.0137$$

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	555.57	0.0001	P	9.4
2	☐	1.000	0.965	8091.36	0.0011	P	3.3
3	☐	250.000	243.540	1902846.10	0.2680	A	1.2
4	☐	625.000	628.347	4900782.11	0.6913	A	1.6
5	☐	1250.000	1259.106	9971015.89	1.3851	A	0.8
6	☐	2500.000	2524.604	19940980.26	2.7772	A	1.0
7	☐	5000.000	4985.326	39596873.86	5.4841	A	1.1
8	☐			3511.60	0.0006	P	4.3

$$y = 0.0011 * x + 7.7922E-005$$

$$R = 1.0000$$

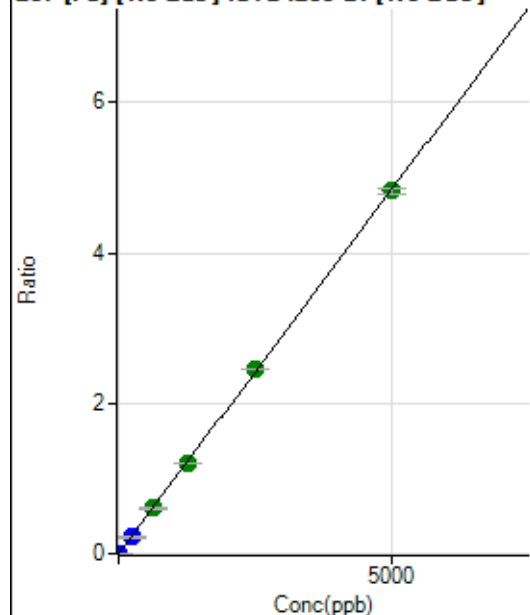
$$DL = 0.01995$$

$$BEC = 0.07084$$

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	430.01	0.0001	P	11.0
2	☐	1.000	0.965	7064.13	0.0010	P	2.8
3	☐	250.000	225.184	1548206.38	0.2180	P	1.2
4	☐	625.000	623.127	4276675.74	0.6032	A	1.6
5	☐	1250.000	1252.401	8727628.83	1.2124	A	0.3
6	☐	2500.000	2529.886	17584221.82	2.4490	A	0.1
7	☐	5000.000	4985.932	34846473.37	4.8265	A	1.6
8	☐			3121.51	0.0005	P	6.8

$$y = 9.6800E-004 * x + 6.0362E-005$$

$$R = 1.0000$$

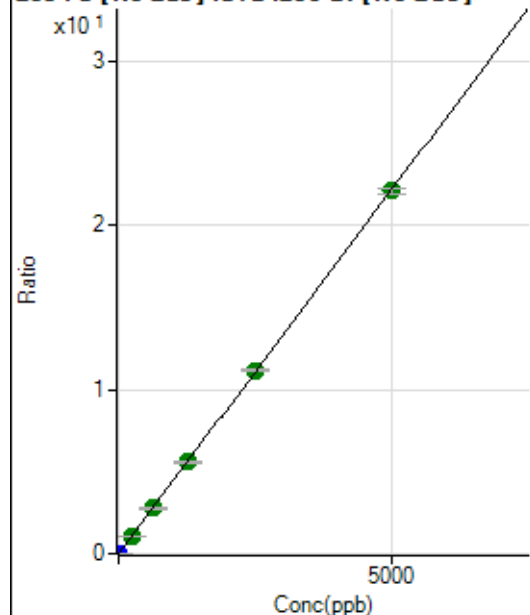
$$DL = 0.02066$$

$$BEC = 0.06236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2095.64	0.0003	P	5.3
2	☐	1.000	0.961	32295.26	0.0045	P	2.3
3	☐	250.000	240.778	7572779.37	1.0665	A	0.5
4	☐	625.000	623.643	19579608.74	2.7618	A	1.0
5	☐	1250.000	1258.211	40108058.85	5.5717	A	0.8
6	☐	2500.000	2522.952	80216739.22	11.1720	A	0.3
7	☐	5000.000	4987.102	159436835.9	22.0833	A	1.8
8	☐			14164.16	0.0023	P	3.8

$$y = 0.0044 * x + 2.9399E-004$$

$$R = 1.0000$$

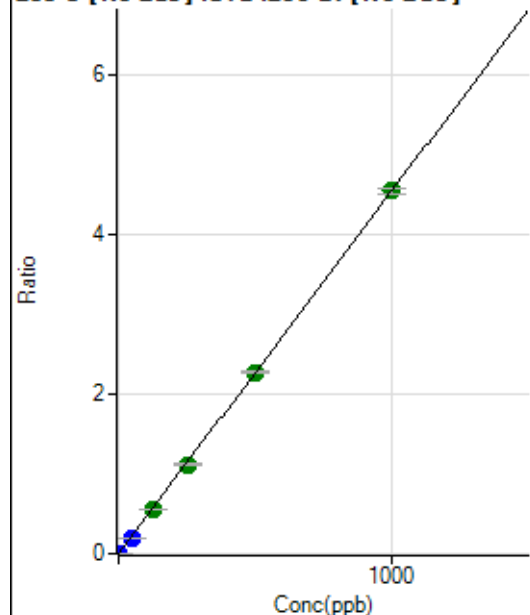
$$DL = 0.01061$$

$$BEC = 0.06639$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	32.3
2	☐	1.000	0.888	28623.03	0.0040	P	2.2
3	☐	50.000	43.026	1384856.78	0.1950	P	1.0
4	☐	125.000	121.717	3911438.76	0.5517	A	0.4
5	☐	250.000	246.238	8034573.63	1.1161	A	1.0
6	☐	500.000	500.746	16297475.45	2.2698	A	0.8
7	☐	1000.000	1001.327	32769990.07	4.5388	A	1.6
8	☐			836.70	0.0001	P	17.4

$$y = 0.0045 * x + 3.7361E-006$$

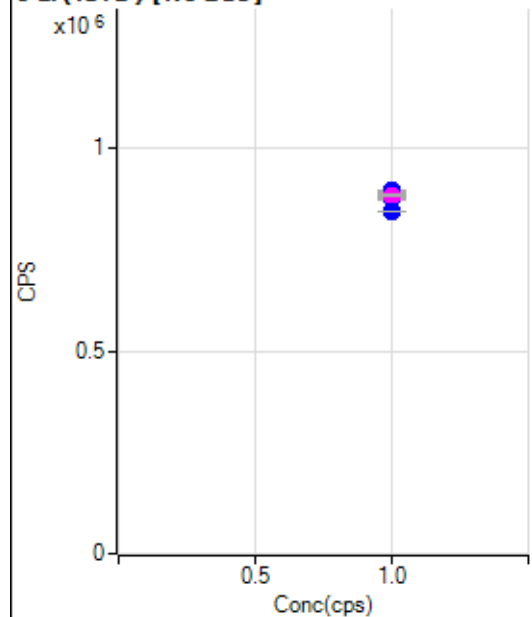
$$R = 1.0000$$

$$DL = 0.0007998$$

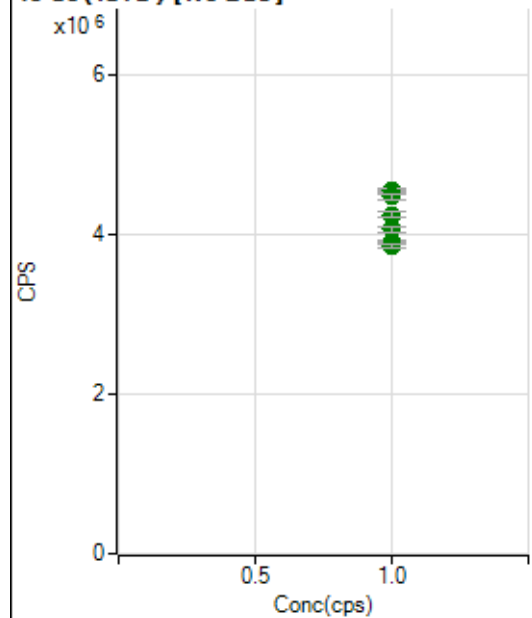
$$BEC = 0.0008242$$

Weight: <None>

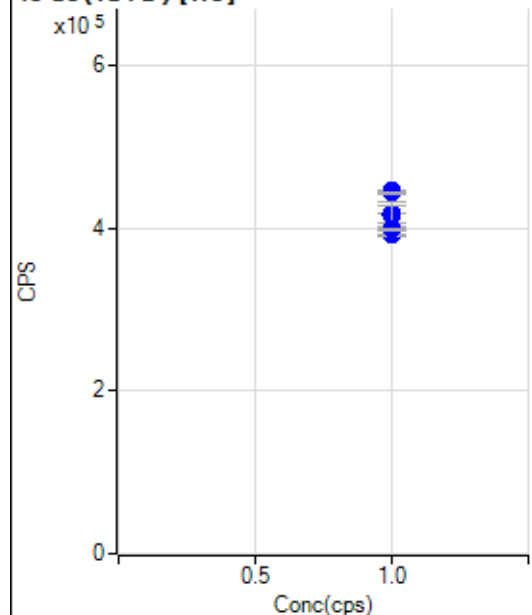
Min Conc: 0

6 Li (ISTD) [No Gas]

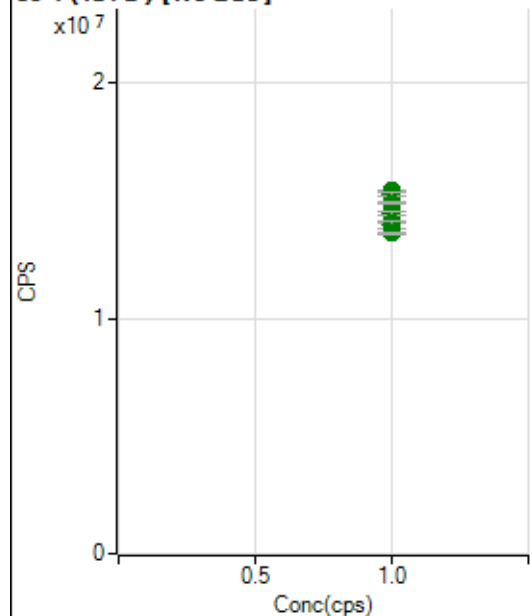
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		877252.13		P	0.7
2	☐	1.000		880238.97		P	0.4
3	☐	1.000		884335.39		M	0.5
4	☐	1.000		891403.23		P	0.4
5	☐	1.000		894737.81		P	0.3
6	☐	1.000		892087.93		P	0.3
7	☐	1.000		883446.37		M	0.7
8	☐	1.000		844107.28		P	0.5

45 Sc (ISTD) [No Gas]

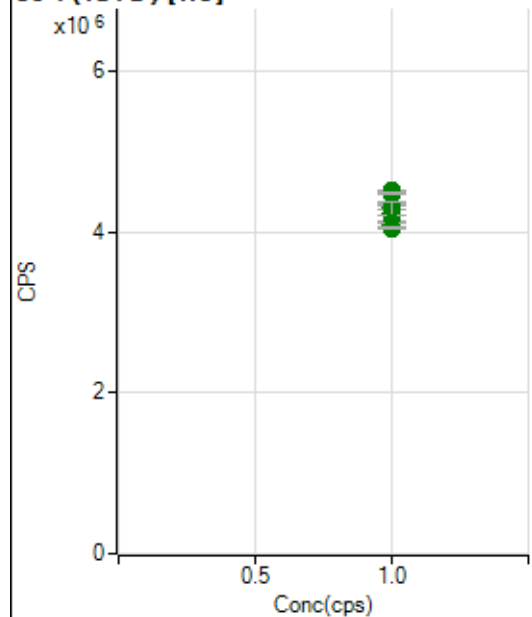
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4541554.27		A	0.5
2	☐	1.000		4549210.59		A	1.0
3	☐	1.000		4482050.84		A	1.7
4	☐	1.000		4248661.71		A	1.6
5	☐	1.000		4069165.78		A	1.5
6	☐	1.000		3908056.09		A	0.8
7	☐	1.000		3871007.75		A	1.8
8	☐	1.000		3853803.24		A	1.6

45 Sc (ISTD) [He]

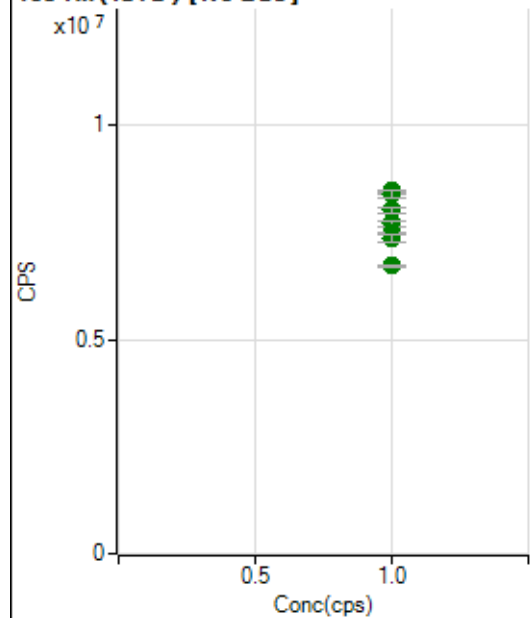
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		446017.85		P	0.8
2	☐	1.000		444286.53		P	0.6
3	☐	1.000		417054.70		P	7.2
4	☐	1.000		418401.19		P	0.2
5	☐	1.000		417579.65		P	4.8
6	☐	1.000		392788.04		P	0.3
7	☐	1.000		391348.96		P	0.6
8	☐	1.000		398389.83		P	0.2

89 Y (ISTD) [No Gas]

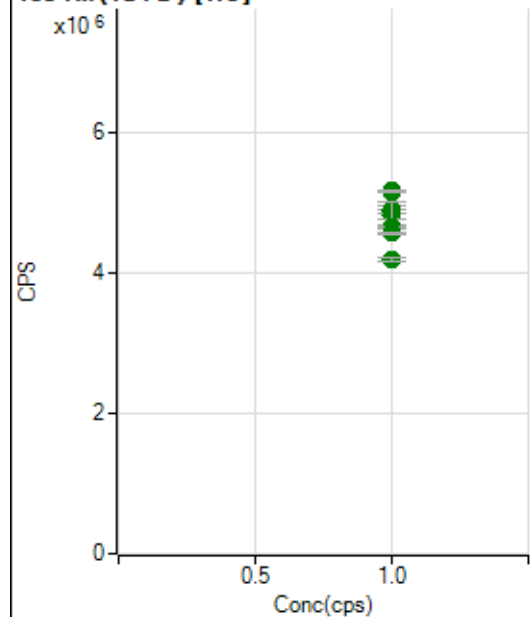
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15387625.88		A	0.3
2	☐	1.000		15429103.66		A	0.4
3	☐	1.000		15303757.69		A	1.3
4	☐	1.000		14918688.25		A	0.7
5	☐	1.000		14503677.42		A	1.0
6	☐	1.000		14081509.93		A	0.2
7	☐	1.000		14006259.79		A	2.3
8	☐	1.000		13620782.58		A	0.8

89 Y(ISTD) [He]

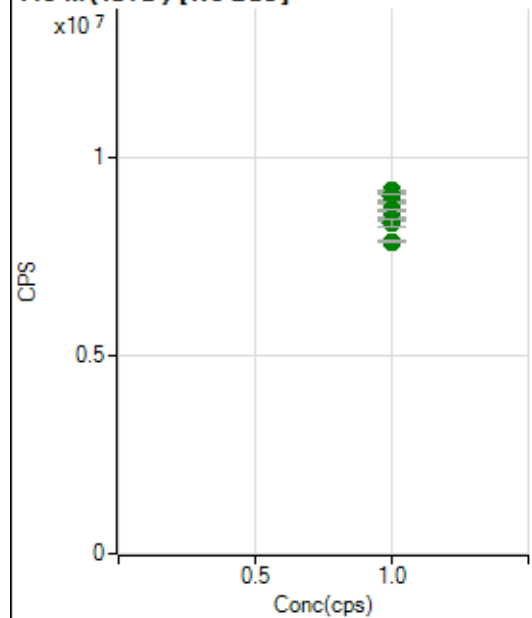
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4510002.64		A	0.7
2	☐	1.000		4480115.59		A	0.8
3	☐	1.000		4227939.94		A	5.4
4	☐	1.000		4305743.96		A	0.9
5	☐	1.000		4295560.70		A	3.8
6	☐	1.000		4114195.46		A	0.5
7	☐	1.000		4090905.32		A	0.9
8	☐	1.000		4051612.09		A	1.1

103 Rh(ISTD) [No Gas]

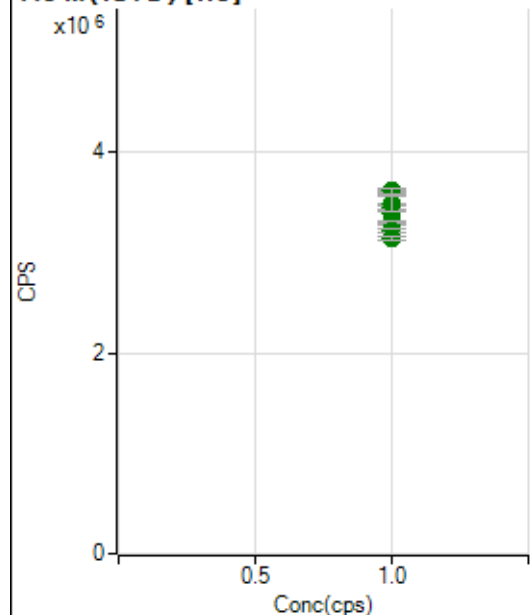
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8413067.16		A	0.4
2	☐	1.000		8466538.49		A	0.2
3	☐	1.000		8382614.95		A	1.9
4	☐	1.000		8015415.58		A	1.4
5	☐	1.000		7697090.79		A	1.6
6	☐	1.000		7472374.47		A	1.1
7	☐	1.000		7352039.20		A	2.5
8	☐	1.000		6709810.32		A	1.0

103 Rh (ISTD) [He]

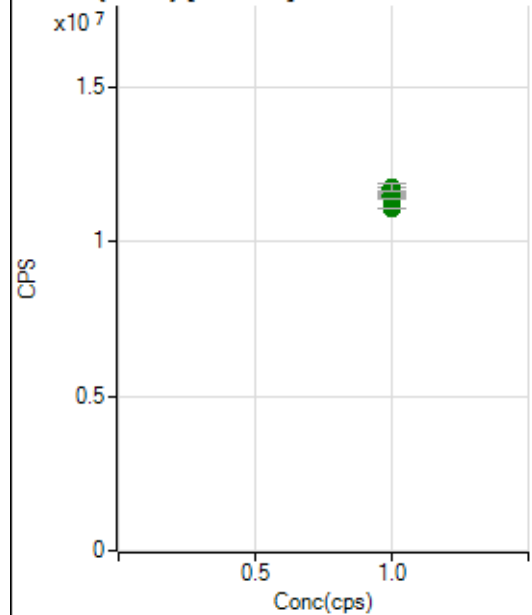
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5175248.60		A	0.8
2	☐	1.000		5164856.10		A	0.7
3	☐	1.000		4825097.19		A	5.5
4	☐	1.000		4882106.73		A	0.9
5	☐	1.000		4898751.04		A	5.2
6	☐	1.000		4653349.17		A	0.7
7	☐	1.000		4574835.31		A	0.4
8	☐	1.000		4200816.85		A	1.0

115 In (ISTD) [No Gas]

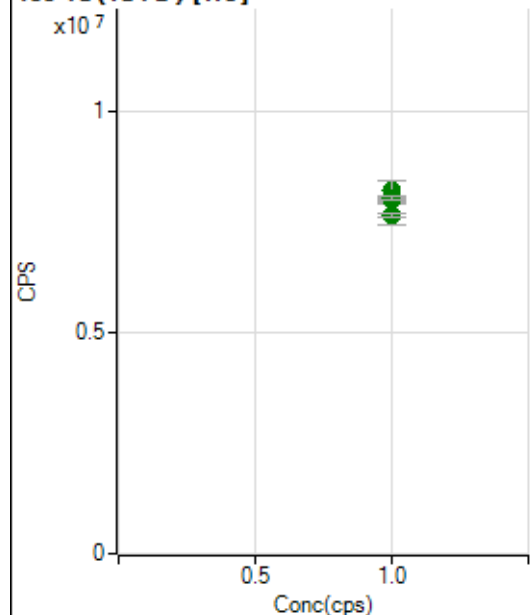
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9123721.66		A	0.6
2	☐	1.000		9153978.86		A	0.8
3	☐	1.000		9007518.99		A	1.3
4	☐	1.000		8849145.75		A	1.0
5	☐	1.000		8663568.67		A	0.6
6	☐	1.000		8445140.08		A	0.7
7	☐	1.000		8337642.20		A	2.2
8	☐	1.000		7877565.78		A	0.5

115 In (ISTD) [He]

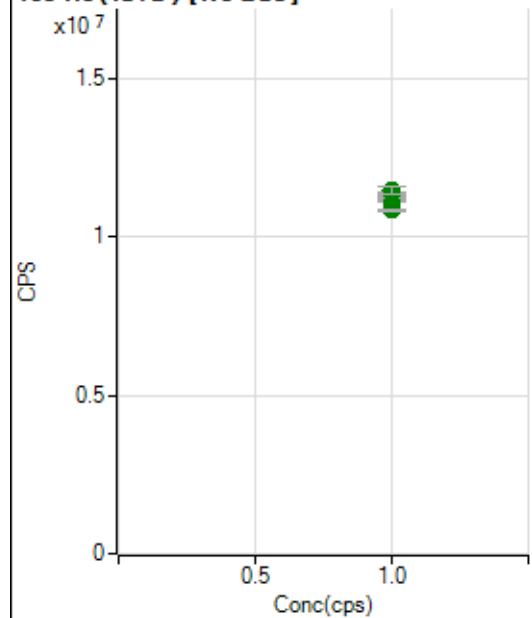
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3609434.91		A	0.3
2	☐	1.000		3612239.20		A	1.4
3	☐	1.000		3381949.02		A	6.5
4	☐	1.000		3446850.42		A	1.1
5	☐	1.000		3480772.23		A	4.6
6	☐	1.000		3300584.20		A	0.2
7	☐	1.000		3216215.11		A	0.8
8	☐	1.000		3143165.30		A	1.4

159 Tb (ISTD) [No Gas]

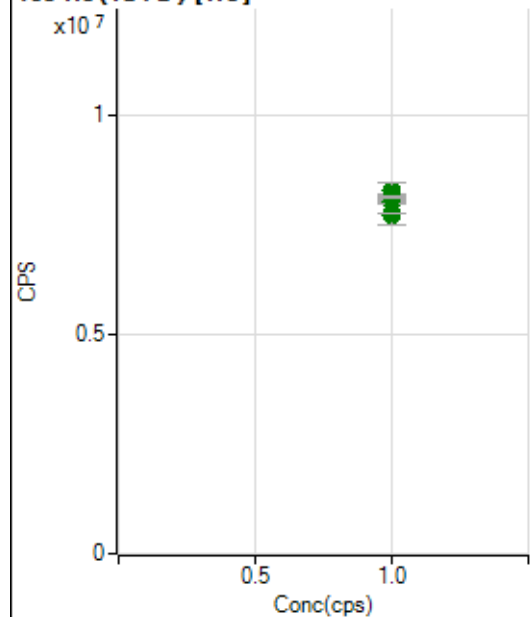
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11383731.50		A	0.7
2	☐	1.000		11474768.44		A	0.5
3	☐	1.000		11498383.72		A	1.4
4	☐	1.000		11500724.55		A	1.3
5	☐	1.000		11446590.38		A	1.4
6	☐	1.000		11677485.10		A	0.8
7	☐	1.000		11720941.08		A	2.2
8	☐	1.000		11062607.06		A	0.3

159 Tb (ISTD) [He]

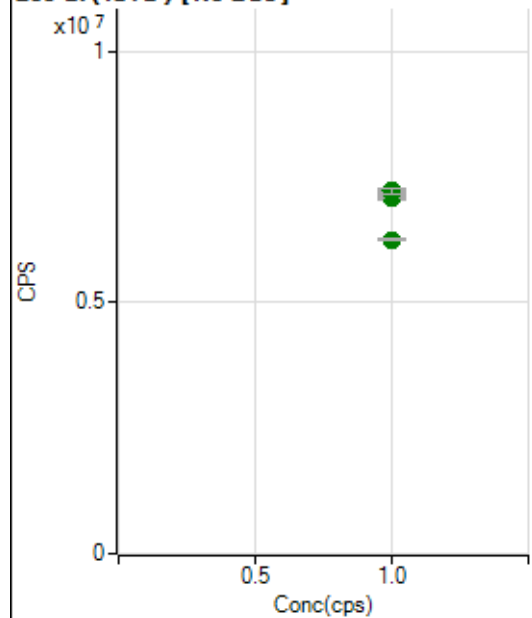
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8051903.01		A	0.7
2	☐	1.000		8024563.63		A	1.2
3	☐	1.000		7672182.04		A	6.0
4	☐	1.000		8023725.02		A	0.4
5	☐	1.000		8207808.35		A	5.7
6	☐	1.000		8062793.63		A	0.6
7	☐	1.000		8043534.67		A	1.5
8	☐	1.000		7659776.62		A	1.1

165 Ho (ISTD) [No Gas]

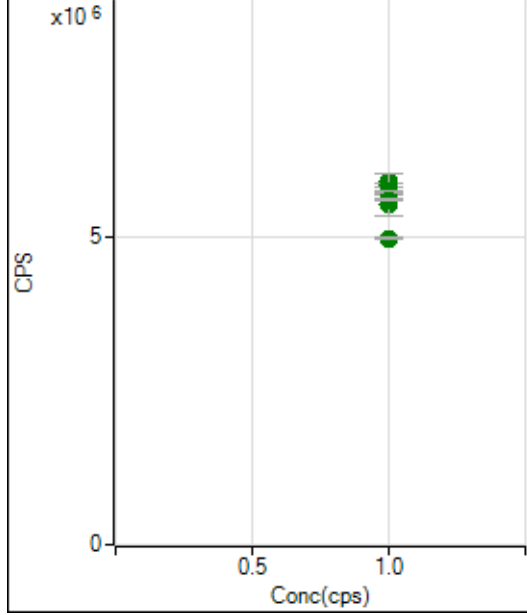
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11221726.78		A	0.5
2	☐	1.000		11183048.30		A	0.3
3	☐	1.000		11167835.94		A	0.7
4	☐	1.000		11190076.08		A	0.3
5	☐	1.000		11270642.75		A	0.4
6	☐	1.000		11416576.50		A	0.6
7	☐	1.000		11466947.19		A	2.0
8	☐	1.000		10850957.89		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8065015.02		A	1.0
2	☐	1.000		8040703.35		A	1.1
3	☐	1.000		7738631.13		A	6.1
4	☐	1.000		8029653.21		A	0.7
5	☐	1.000		8278959.18		A	4.9
6	☐	1.000		8184349.39		A	0.5
7	☐	1.000		8135929.46		A	0.4
8	☐	1.000		7768979.33		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7127041.42		A	0.7
2	☐	1.000		7102081.00		A	1.3
3	☐	1.000		7100998.78		A	0.7
4	☐	1.000		7089566.00		A	0.3
5	☐	1.000		7198787.46		A	0.6
6	☐	1.000		7180181.49		A	0.1
7	☐	1.000		7220993.78		A	1.4
8	☐	1.000		6255136.64		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5844349.43		A	1.0
2	☐	1.000		5722307.83		A	1.1
3	☐	1.000		5530546.17		A	6.1
4	☐	1.000		5727476.10		A	0.5
5	☐	1.000		5907035.26		A	5.1
6	☐	1.000		5753900.54		A	0.7
7	☐	1.000		5617776.10		A	0.3
8	☐	1.000		4992611.42		A	0.6