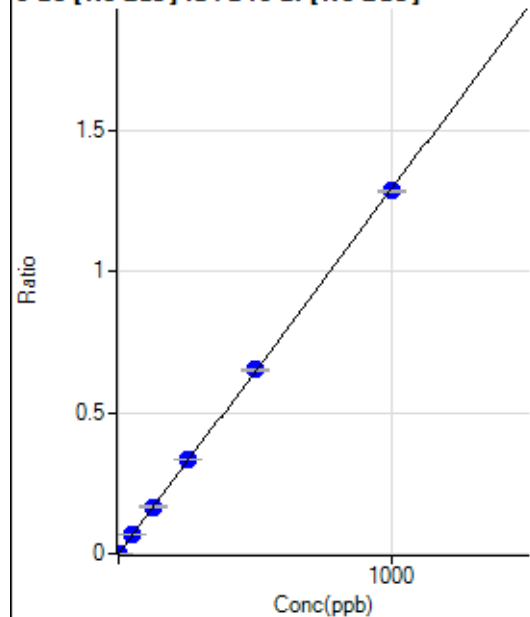


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7033125MS.b\
 Analysis File: P7033125MS.batch.bin
 DA Date-Time: 2025-04-01 12:38:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2025-03-31 11:56:41
2	007CALS.d	S02	2025-03-31 12:03:22
3	008CALS.d	S03	2025-03-31 12:06:43
4	009CALS.d	S04	2025-03-31 12:09:59
5	010CALS.d	S05	2025-03-31 12:13:08
6	011CALS.d	S06	2025-03-31 12:16:06
7	012CALS.d	S07	2025-03-31 12:19:02
8	013CALS.d	S08	2025-03-31 12:21:47

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.21	0.0001	P	24.3
2	☐	1.000	0.995	679.44	0.0014	P	11.4
3	☐	50.000	52.596	32489.94	0.0681	P	0.6
4	☐	125.000	129.109	78770.74	0.1669	P	2.0
5	☐	250.000	257.591	155838.80	0.3328	P	1.3
6	☐	500.000	504.138	309646.65	0.6512	P	0.1
7	☐	1000.000	995.390	605672.67	1.2855	P	0.8
8	☐			105.18	0.0002	P	22.1

$$y = 0.0013 * x + 1.3280E-004$$

$$R = 1.0000$$

$$DL = 0.07501$$

$$BEC = 0.1028$$

Weight: <None>

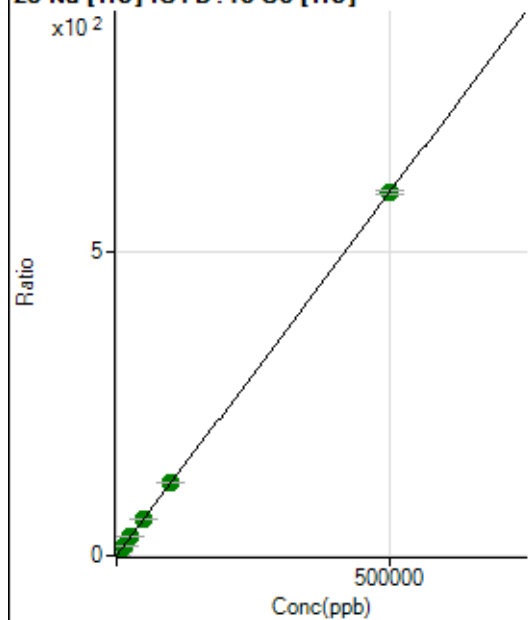
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12810.98	0.0612	P	1.9
2	☐	500.000	551.865	151585.59	0.7221	P	1.0
3	☐	5000.000	5157.650	1288240.58	6.2377	A	1.7
4	☐	12500.000	12915.337	3081132.39	15.5279	A	0.7
5	☐	25000.000	25914.057	5869529.98	31.0946	A	0.1
6	☐	50000.000	51058.218	11857696.77	61.2060	A	2.1
7	☐	100000.00	100545.43	23888876.59	120.4694	A	0.9
8	☐	500000.00	499727.37	124233997.0	598.5099	A	1.1

$$y = 0.0012 * x + 0.0612$$

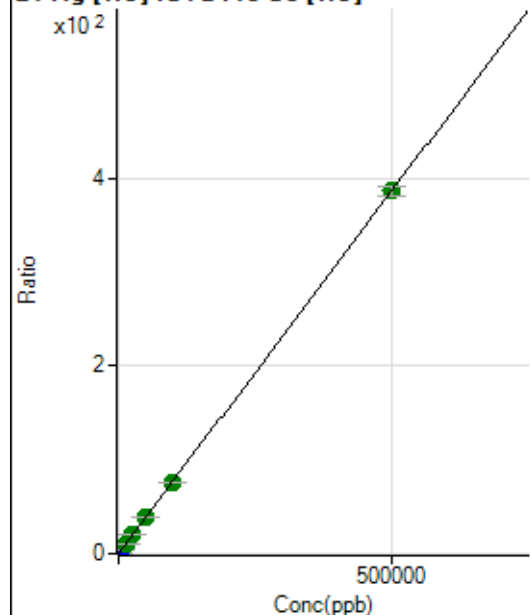
$$R = 1.0000$$

$$DL = 2.855$$

$$BEC = 51.09$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0011	P	23.7
2	☐	500.000	537.537	87303.08	0.4159	P	0.9
3	☐	5000.000	4959.854	790699.82	3.8284	P	0.4
4	☐	12500.000	12673.987	1940893.27	9.7810	A	1.3
5	☐	25000.000	25297.640	3685034.32	19.5221	A	0.7
6	☐	50000.000	49810.982	7447096.84	38.4379	A	1.3
7	☐	100000.00	97300.979	14889405.20	75.0837	A	0.9
8	☐	500000.00	500539.83	80161552.14	386.2442	A	2.5

$$y = 7.7165\text{E-}004 * x + 0.0011$$

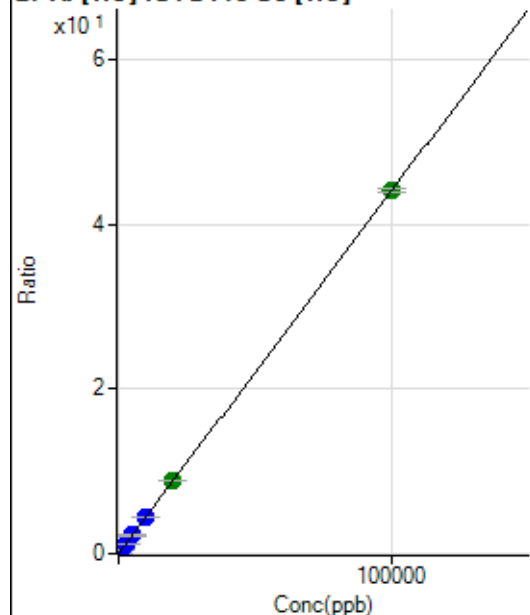
$$R = 1.0000$$

$$DL = 0.9903$$

$$BEC = 1.39$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0004	P	32.2
2	☐	20.000	20.688	2001.26	0.0095	P	3.9
3	☐	1000.000	1010.075	91998.50	0.4454	P	0.4
4	☐	2500.000	2520.485	220422.51	1.1109	P	0.8
5	☐	5000.000	5042.244	419402.84	2.2219	P	0.7
6	☐	10000.000	9966.055	850773.24	4.3912	P	0.8
7	☐	20000.000	20032.897	1750248.86	8.8264	A	1.2
8	☐	100000.00	99994.090	9145199.59	44.0550	A	1.0

$$y = 4.4057\text{E-}004 * x + 4.1984\text{E-}004$$

$$R = 1.0000$$

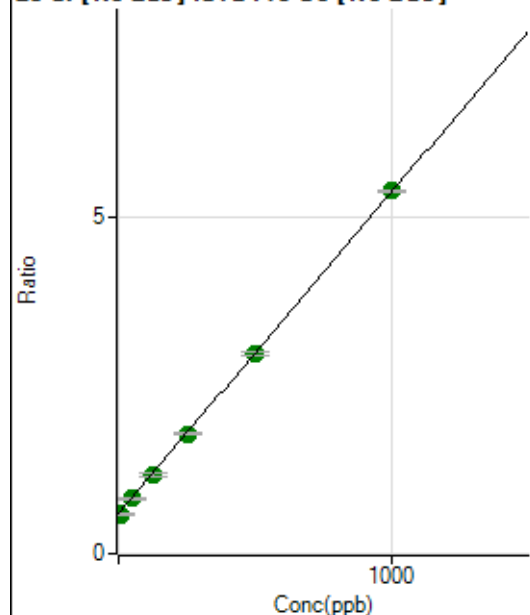
$$DL = 0.921$$

$$BEC = 0.9529$$

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	1442634.80	0.5990	A	0.3
2	☐	10.000	-2.753	1428108.21	0.5858	A	1.9
3	☐	50.000	46.098	1969865.72	0.8193	A	2.7
4	☐	125.000	117.880	2731402.39	1.1624	A	4.2
5	☐	250.000	247.375	3933895.32	1.7814	A	1.8
6	☐	500.000	496.895	6598811.15	2.9740	A	2.1
7	☐	1000.000	1003.421	12041453.29	5.3951	A	0.3
8	☐			1300309.53	0.5648	A	0.2

$$y = 0.0048 * x + 0.5990$$

$$R = 0.9999$$

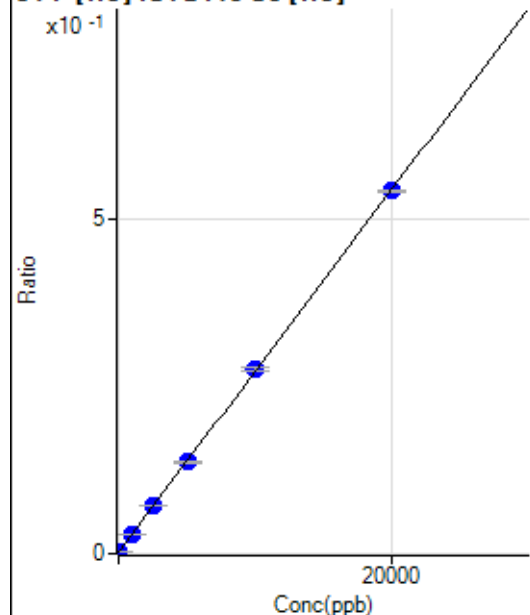
$$DL = 1.147$$

$$BEC = 125.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.100	382.23	0.0018	P	10.4
2	☐	0.000	13.100	532.24	0.0025	P	6.1
3	☐	1000.000	1022.027	6159.08	0.0298	P	1.2
4	☐	2500.000	2565.618	14201.14	0.0716	P	0.1
5	☐	5000.000	4985.684	25865.31	0.1370	P	1.1
6	☐	10000.000	10096.089	53321.57	0.2752	P	2.3
7	☐	20000.000	19946.231	107406.52	0.5416	P	0.6
8	☐			337.79	0.0016	P	13.7

$$y = 2.7045E-005 * x + 0.0022$$

$$R = 1.0000$$

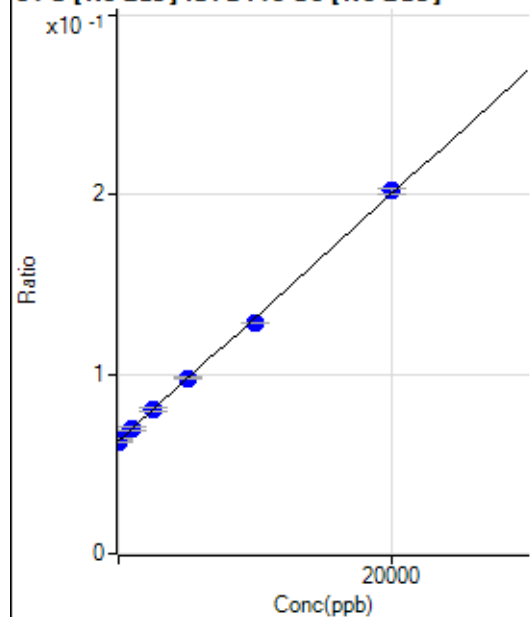
$$DL = 19.14$$

$$BEC = 80.62$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-78.241	149927.71	0.0623	P	1.5
2	☐	0.000	78.241	154377.13	0.0633	P	2.9
3	☐	1000.000	1016.724	167804.09	0.0698	P	2.6
4	☐	2500.000	2479.688	187712.84	0.0799	P	2.7
5	☐	5000.000	5044.604	215351.69	0.0975	P	1.1
6	☐	10000.000	9527.644	284814.50	0.1284	P	0.6
7	☐	20000.000	20226.730	450711.74	0.2020	P	1.6
8	☐			122959.98	0.0534	P	2.0

$$y = 6.8807E-006 * x + 0.0628$$

$$R = 0.9996$$

$$DL = 599.5$$

$$BEC = 9126$$

Weight: <None>

Min Conc: 0

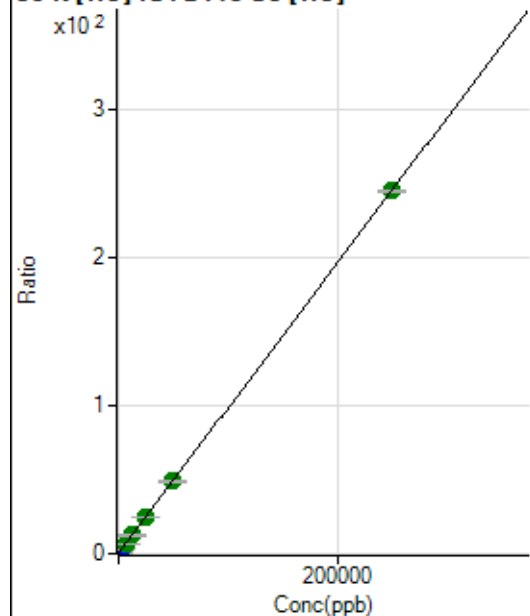
35 Cl [No Gas] No available calibration points



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

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	51648.39	0.2466	P	0.7
2	☐	500.000	560.875	167220.87	0.7965	P	0.3
3	☐	2500.000	2623.209	582109.98	2.8185	P	1.1
4	☐	6250.000	6250.834	1264891.91	6.3750	A	2.0
5	☐	12500.000	12426.953	2346619.88	12.4302	A	1.9
6	☐	25000.000	24772.252	4753044.96	24.5337	A	1.6
7	☐	50000.000	49785.323	9727688.26	49.0568	A	1.6
8	☐	250000.00	250067.98	50944976.46	245.4166	A	0.2

$$y = 9.8041E-004 * x + 0.2466$$

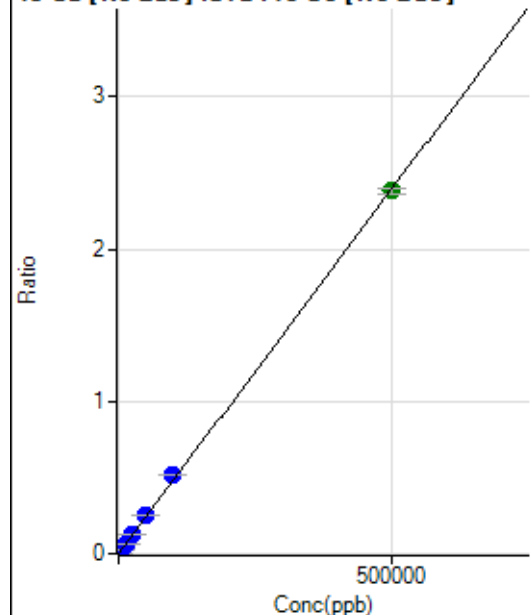
$$R = 1.0000$$

$$DL = 5.337$$

$$BEC = 251.6$$

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	287.78	0.0001	P	11.6
2	☐	500.000	574.391	6986.11	0.0029	P	3.1
3	☐	5000.000	5351.440	61810.94	0.0257	P	1.5
4	☐	12500.000	13320.056	149928.88	0.0638	P	3.9
5	☐	25000.000	27065.039	286023.07	0.1295	P	1.4
6	☐	50000.000	53292.301	565618.00	0.2549	P	0.8
7	☐	100000.00	108038.30	1152905.50	0.5166	P	1.6
8	☐	500000.00	497935.76	5481258.29	2.3807	A	1.7

$$y = 4.7808\text{E-}006 * x + 1.1948\text{E-}004$$

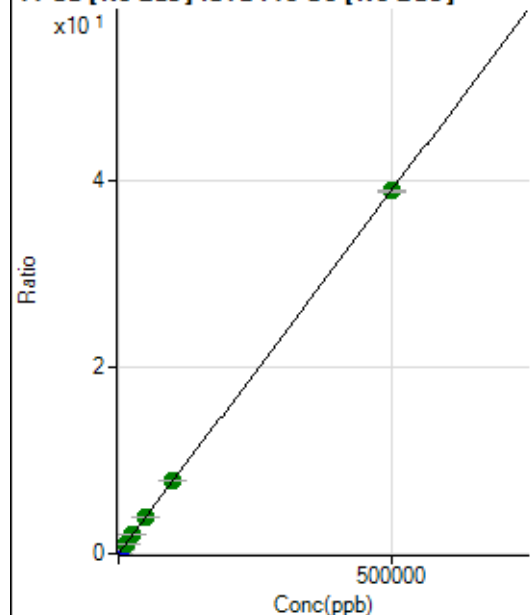
$$R = 0.9999$$

$$DL = 8.715$$

$$BEC = 24.99$$

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	11674.91	0.0048	P	2.5
2	☐	500.000	575.828	121177.73	0.0497	P	2.8
3	☐	5000.000	5313.900	1007150.73	0.4189	P	2.1
4	☐	12500.000	12605.983	2319395.61	0.9870	A	3.9
5	☐	25000.000	25389.542	4379716.81	1.9830	A	0.4
6	☐	50000.000	50304.093	8707117.09	3.9241	A	1.3
7	☐	100000.00	101081.38	17588109.18	7.8801	A	0.3
8	☐	500000.00	499727.97	89652479.77	38.9388	A	0.8

$$y = 7.7910\text{E-}005 * x + 0.0048$$

$$R = 1.0000$$

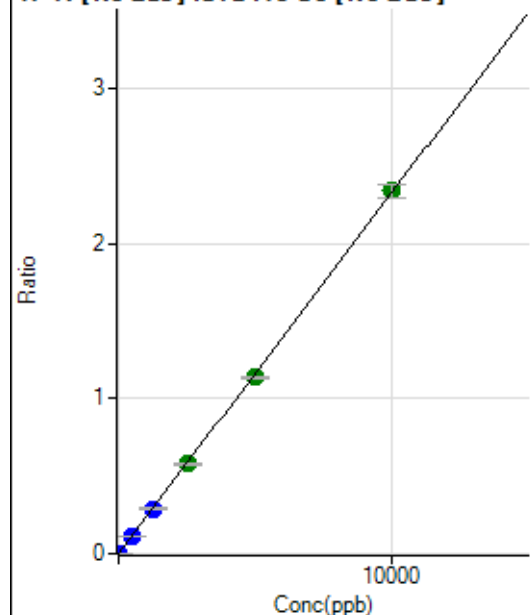
$$DL = 4.698$$

$$BEC = 62.23$$

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	68.89	0.0000	P	7.4
2	☐	5.000	5.276	3059.23	0.0013	P	3.8
3	☐	500.000	492.355	275287.95	0.1145	P	2.4
4	☐	1250.000	1228.957	671487.43	0.2857	P	4.1
5	☐	2500.000	2483.035	1275111.11	0.5773	A	0.9
6	☐	5000.000	4896.828	2526206.30	1.1385	A	1.0
7	☐	10000.000	10058.840	5217724.75	2.3385	A	3.6
8	☐			316.67	0.0001	P	14.5

$$y = 2.3248\text{E-}004 * x + 2.8604\text{E-}005$$

$$R = 0.9999$$

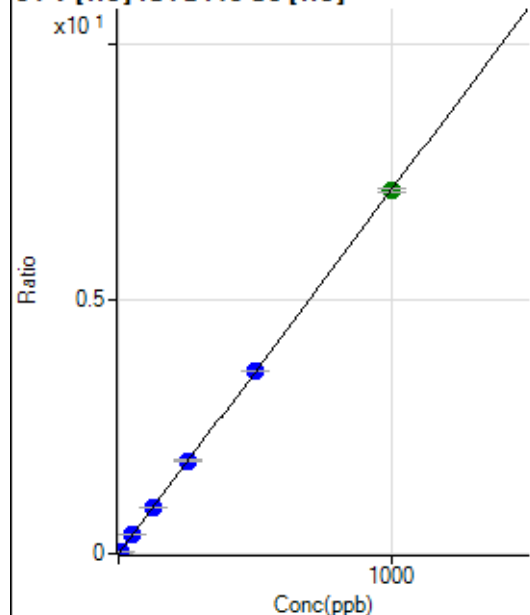
$$DL = 0.02749$$

$$BEC = 0.123$$

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	3.33	0.0000	P	99.8
2	☐	5.000	5.607	8407.98	0.0400	P	1.9
3	☐	50.000	51.114	75379.49	0.3650	P	0.1
4	☐	125.000	126.874	179748.77	0.9059	P	0.4
5	☐	250.000	255.096	343803.15	1.8214	P	1.0
6	☐	500.000	502.250	694770.03	3.5860	P	1.0
7	☐	1000.000	997.308	1412066.49	7.1207	A	0.9
8	☐			381.12	0.0018	P	10.8

$$y = 0.0071 * x + 1.5839\text{E-}005$$

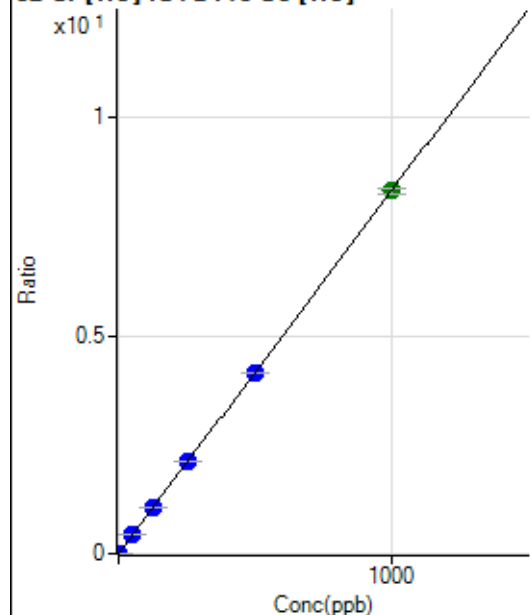
$$R = 1.0000$$

$$DL = 0.00664$$

$$BEC = 0.002218$$

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	494.46	0.0024	P	7.0
2	☐	2.000	2.156	4257.31	0.0203	P	4.7
3	☐	50.000	50.885	87835.17	0.4253	P	1.0
4	☐	125.000	126.568	209199.29	1.0543	P	0.5
5	☐	250.000	252.495	396578.60	2.1009	P	0.3
6	☐	500.000	498.552	803266.04	4.1460	P	0.8
7	☐	1000.000	999.860	1648469.71	8.3126	A	1.3
8	☐			11044.22	0.0532	P	5.2

$$y = 0.0083 * x + 0.0024$$

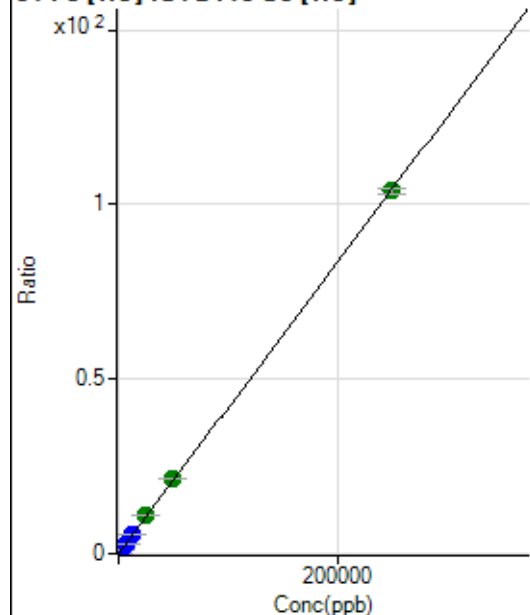
$$R = 1.0000$$

$$DL = 0.05945$$

$$BEC = 0.2842$$

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	2505.79	0.0120	P	2.0
2	☐	50.000	58.353	7614.21	0.0363	P	1.4
3	☐	2500.000	2737.079	237904.28	1.1519	P	1.0
4	☐	6250.000	6767.952	561658.98	2.8307	P	0.7
5	☐	12500.000	13686.756	1078260.87	5.7122	P	0.0
6	☐	25000.000	26484.668	2139226.70	11.0422	A	2.0
7	☐	50000.000	51549.463	4259614.55	21.4812	A	1.5
8	☐	250000.00	249466.98	21567647.18	103.9094	A	1.3

$$y = 4.1648E-004 * x + 0.0120$$

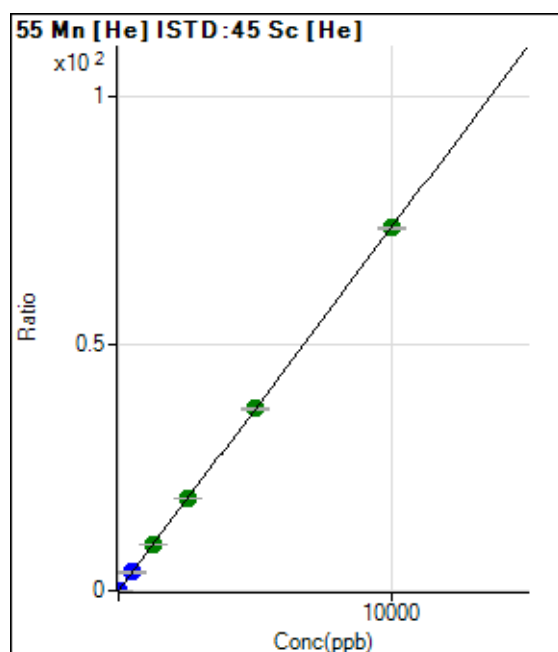
$$R = 1.0000$$

$$DL = 1.695$$

$$BEC = 28.73$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1043.38	0.0050	P	8.7
2	☐	1.000	0.952	2515.79	0.0120	P	6.2
3	☐	500.000	502.325	764121.27	3.6998	P	1.2
4	☐	1250.000	1252.561	1828992.91	9.2180	A	0.9
5	☐	2500.000	2526.627	3508893.84	18.5892	A	0.6
6	☐	5000.000	5017.019	7150502.95	36.9069	A	0.8
7	☐	10000.000	9984.397	14564057.84	73.4437	A	0.6
8	☐			9499.76	0.0458	P	2.1

$$y = 0.0074 * x + 0.0050$$

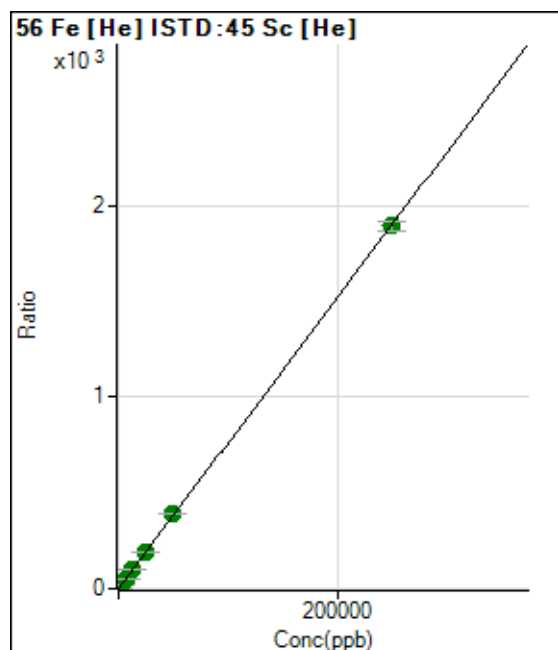
$$R = 1.0000$$

$$DL = 0.1776$$

$$BEC = 0.6773$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20668.78	0.0987	P	1.6
2	☐	50.000	57.570	112447.60	0.5357	P	1.7
3	☐	2500.000	2599.567	4095287.09	19.8292	A	2.5
4	☐	6250.000	6433.469	9707822.35	48.9282	A	1.8
5	☐	12500.000	13000.516	18643685.28	98.7716	A	1.4
6	☐	25000.000	25557.531	37600424.72	194.0784	A	1.7
7	☐	50000.000	51345.176	77296765.52	389.8045	A	1.3
8	☐	250000.00	249644.60	393266545.2	1,894.881	A	2.4

$$y = 0.0076 * x + 0.0987$$

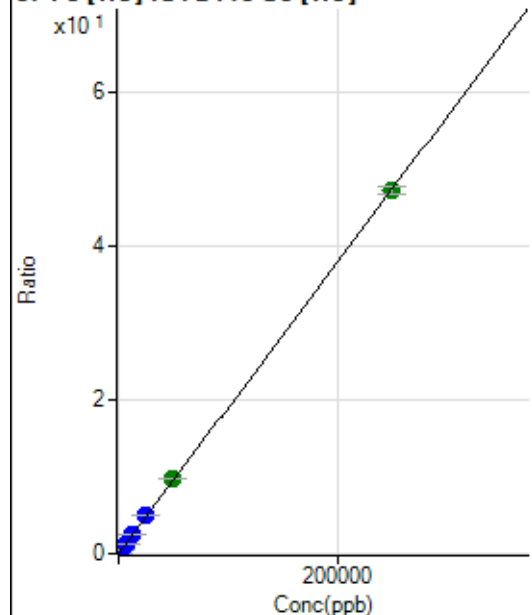
$$R = 1.0000$$

$$DL = 0.6372$$

$$BEC = 13.01$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1262.29	0.0060	P	2.6
2	☐	50.000	60.332	3663.82	0.0175	P	6.0
3	☐	2500.000	2681.488	106149.83	0.5140	P	1.3
4	☐	6250.000	6743.290	254646.14	1.2834	P	1.0
5	☐	12500.000	13504.076	483988.10	2.5640	P	0.5
6	☐	25000.000	26419.208	970723.65	5.0105	P	1.4
7	☐	50000.000	51839.336	1948516.90	9.8257	A	1.0
8	☐	250000.00	249425.85	9807477.91	47.2536	A	2.2

$$y = 1.8943\text{E-}004 * x + 0.0060$$

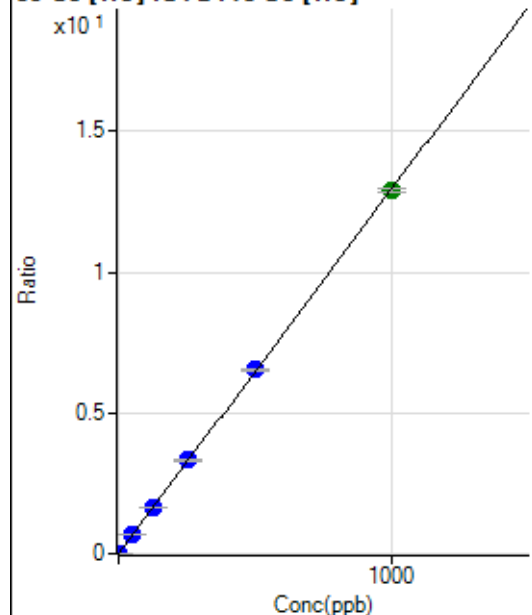
$$R = 1.0000$$

$$DL = 2.483$$

$$BEC = 31.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0002	P	55.8
2	☐	1.000	1.108	3048.12	0.0145	P	3.1
3	☐	50.000	51.304	137140.28	0.6640	P	1.6
4	☐	125.000	128.465	329864.78	1.6625	P	0.8
5	☐	250.000	256.370	626207.65	3.3175	P	1.1
6	☐	500.000	504.682	1265246.65	6.5306	P	1.0
7	☐	1000.000	995.568	2554629.41	12.8824	A	1.2
8	☐			7287.39	0.0351	P	3.1

$$y = 0.0129 * x + 1.8608\text{E-}004$$

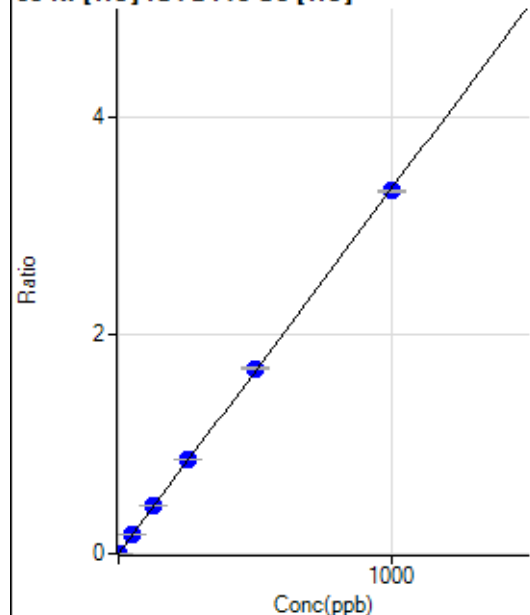
$$R = 1.0000$$

$$DL = 0.02406$$

$$BEC = 0.01438$$

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	124.45	0.0006	P	20.7
2	☐	1.000	1.151	932.26	0.0044	P	6.8
3	☐	50.000	52.268	36201.57	0.1753	P	1.3
4	☐	125.000	130.358	86564.95	0.4363	P	1.0
5	☐	250.000	258.202	163001.05	0.8635	P	0.4
6	☐	500.000	506.165	327850.54	1.6922	P	1.0
7	☐	1000.000	994.084	658925.45	3.3228	P	0.9
8	☐			2895.86	0.0140	P	8.8

$$y = 0.0033 * x + 5.9445E-004$$

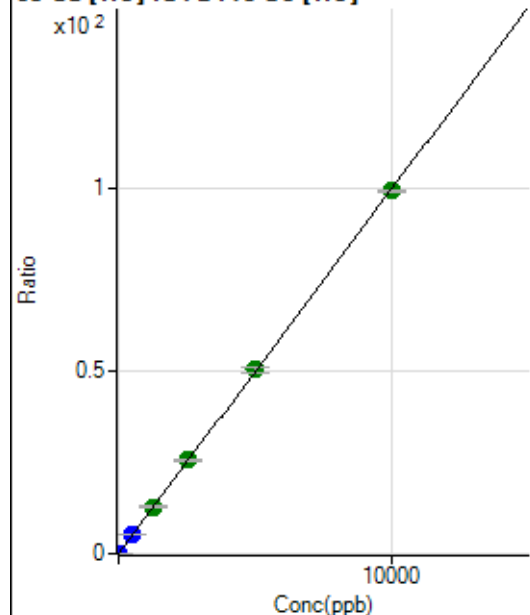
$$R = 0.9999$$

$$DL = 0.1106$$

$$BEC = 0.1779$$

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	2085.72	0.0100	P	0.9
2	☐	2.000	2.100	6488.14	0.0309	P	1.8
3	☐	500.000	510.268	1053276.77	5.0998	P	0.7
4	☐	1250.000	1288.159	2551582.08	12.8591	A	2.3
5	☐	2500.000	2563.007	4827812.85	25.5755	A	0.8
6	☐	5000.000	5044.510	9750110.13	50.3281	A	2.3
7	☐	10000.000	9956.710	19696571.37	99.3264	A	0.8
8	☐			6172.44	0.0297	P	2.6

$$y = 0.0100 * x + 0.0100$$

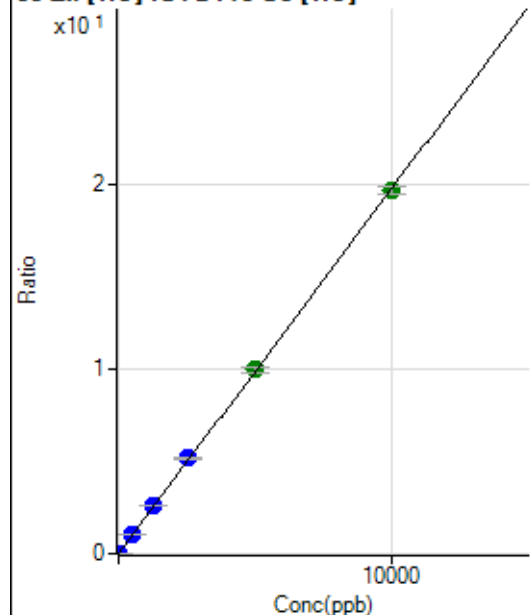
$$R = 1.0000$$

$$DL = 0.02812$$

$$BEC = 0.9985$$

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	287.78	0.0014	P	19.8
2	☐	5.000	5.120	2416.90	0.0115	P	6.0
3	☐	500.000	512.587	209957.53	1.0166	P	0.5
4	☐	1250.000	1303.649	512548.96	2.5833	P	1.5
5	☐	2500.000	2611.233	976468.45	5.1730	P	0.3
6	☐	5000.000	5035.394	1932289.48	9.9741	A	2.1
7	☐	10000.000	9947.159	3906936.61	19.7019	A	2.2
8	☐			7446.38	0.0359	P	1.6

$$y = 0.0020 * x + 0.0014$$

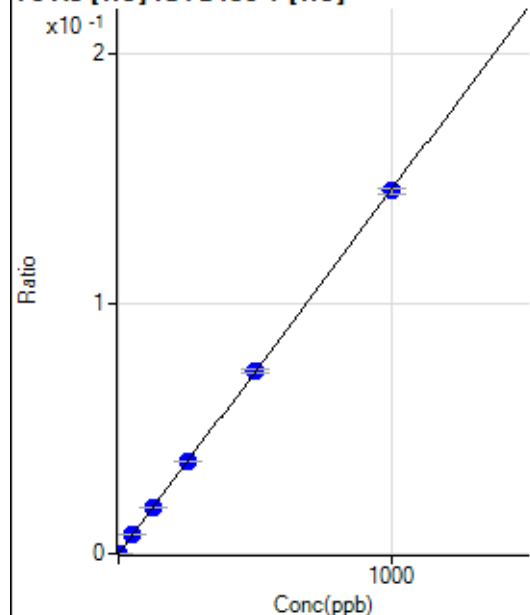
$$R = 0.9999$$

$$DL = 0.4133$$

$$BEC = 0.6946$$

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	3.33	0.0000	P	101.
2	☐	1.000	1.182	294.45	0.0002	P	20.8
3	☐	50.000	52.196	12559.84	0.0076	P	2.5
4	☐	125.000	128.289	30917.82	0.0187	P	1.1
5	☐	250.000	254.870	58665.56	0.0372	P	0.9
6	☐	500.000	503.209	118381.19	0.0734	P	1.8
7	☐	1000.000	996.657	239839.02	0.1453	P	1.3
8	☐			131.11	0.0001	P	14.5

$$y = 1.4583E-004 * x + 1.9715E-006$$

$$R = 1.0000$$

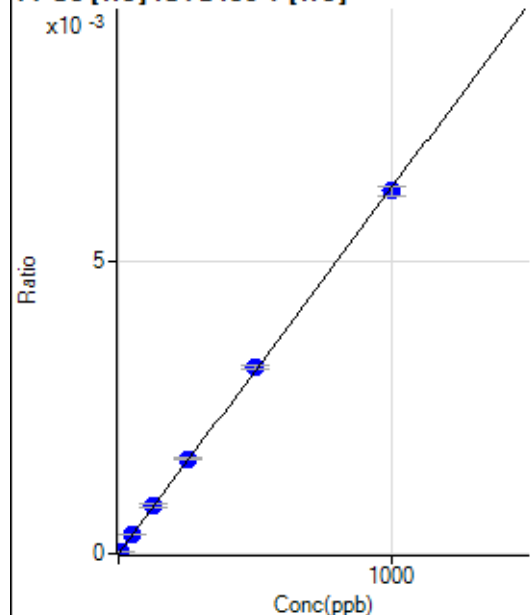
$$DL = 0.04097$$

$$BEC = 0.01352$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.882	62.22	0.0000	P	34.1
3	☐	50.000	52.926	546.68	0.0003	P	6.3
4	☐	125.000	130.550	1351.19	0.0008	P	5.7
5	☐	250.000	259.585	2565.80	0.0016	P	2.2
6	☐	500.000	510.495	5157.62	0.0032	P	1.8
7	☐	1000.000	991.512	10245.84	0.0062	P	2.4
8	☐			7.78	0.0000	P	108.

$$y = 6.2632\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

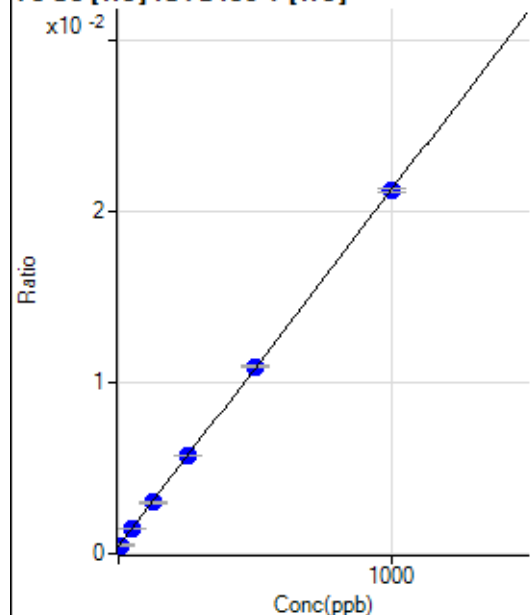
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	752.25	0.0004	P	4.8
2	☐	5.000	2.605	838.92	0.0005	P	3.7
3	☐	50.000	48.897	2406.89	0.0015	P	4.8
4	☐	125.000	123.838	4985.34	0.0030	P	4.0
5	☐	250.000	254.826	9061.75	0.0057	P	0.9
6	☐	500.000	504.435	17637.28	0.0109	P	0.7
7	☐	1000.000	996.789	34936.82	0.0212	P	1.1
8	☐			667.80	0.0004	P	9.7

$$y = 2.0796\text{E-}005 * x + 4.4244\text{E-}004$$

$$R = 1.0000$$

$$DL = 3.083$$

$$BEC = 21.28$$

Weight: <None>

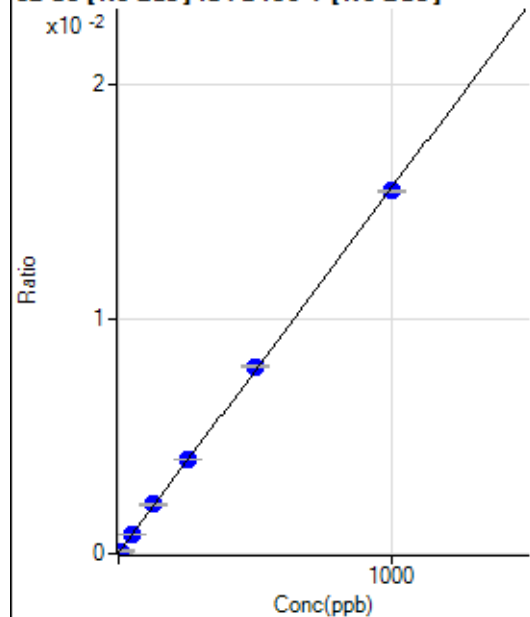
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27903.14		P	0.6
2	☐			29049.82		P	1.9
3	☐			27455.69		P	1.8
4	☐			27117.22		P	1.9
5	☐			24260.12		P	1.2
6	☐			23652.39		P	0.4
7	☐			24265.67		P	2.3
8	☐			25688.05		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			212.22		P	6.3
2	☐			177.78		P	10.3
3	☐			192.23		P	17.0
4	☐			200.00		P	3.3
5	☐			166.67		P	22.3
6	☐			134.45		P	10.0
7	☐			156.67		P	18.2
8	☐			156.67		P	6.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	198.56	0.0000	P	27.4
2	☐	5.000	5.673	735.51	0.0001	P	3.8
3	☐	50.000	52.842	5058.86	0.0009	P	1.0
4	☐	125.000	132.645	12368.01	0.0021	P	1.3
5	☐	250.000	256.197	23014.78	0.0040	P	1.4
6	☐	500.000	510.240	44629.08	0.0080	P	1.3
7	☐	1000.000	992.229	89642.42	0.0154	P	0.8
8	☐			365.36	0.0001	P	17.2

$$y = 1.5529\text{E-}005 * x + 3.3101\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.75$$

$$BEC = 2.132$$

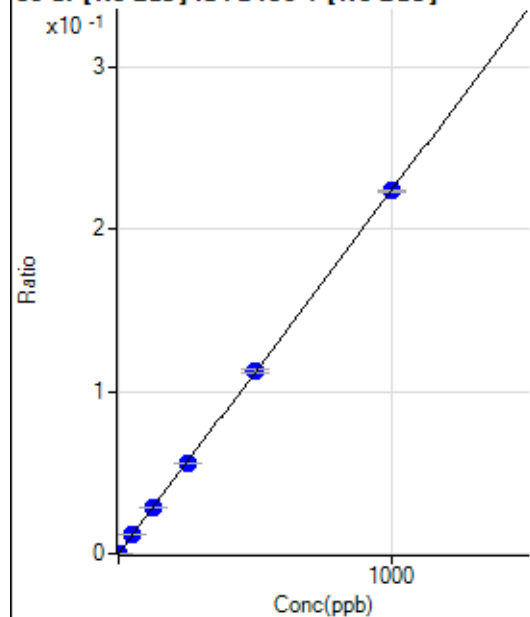
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			383.34		P	3.8
2	☐			326.68		P	8.0
3	☐			368.90		P	5.4
4	☐			322.23		P	5.1
5	☐			337.79		P	12.6
6	☐			327.78		P	14.8
7	☐			333.34		P	4.6
8	☐			373.34		P	8.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	598.91	0.0001	P	6.7
2	☐	1.000	1.061	2046.84	0.0003	P	5.2
3	☐	50.000	50.721	67821.00	0.0114	P	0.7
4	☐	125.000	125.727	166768.47	0.0282	P	2.4
5	☐	250.000	248.047	318887.05	0.0556	P	0.9
6	☐	500.000	502.556	631011.07	0.1125	P	2.0
7	☐	1000.000	999.083	1297888.63	0.2236	P	0.2
8	☐			4816.40	0.0008	P	1.8

$$y = 2.2367\text{E-}004 * x + 9.9940\text{E-}005$$

$$R = 1.0000$$

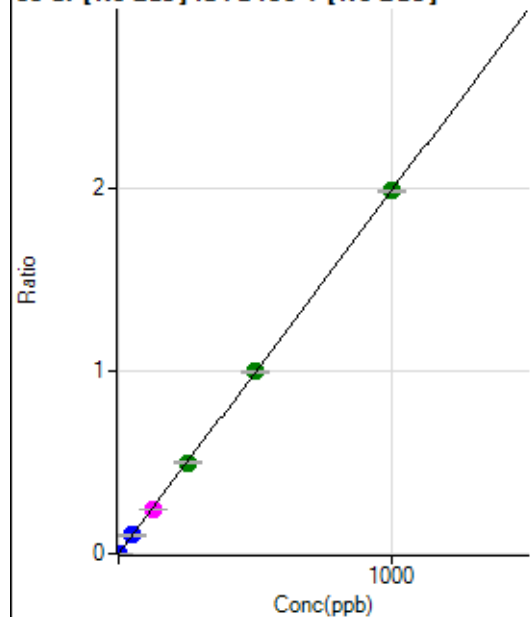
$$DL = 0.08993$$

$$BEC = 0.4468$$

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	92.22	0.0000	P	14.8
2	☐	1.000	1.119	13564.13	0.0022	P	1.2
3	☐	50.000	50.353	591867.46	0.0999	P	0.9
4	☐	125.000	123.557	1448247.15	0.2451	M	0.3
5	☐	250.000	249.226	2835617.98	0.4943	A	2.0
6	☐	500.000	501.054	5574421.86	0.9937	A	1.7
7	☐	1000.000	999.829	11511480.25	1.9829	A	0.7
8	☐			38133.93	0.0066	P	1.1

$$y = 0.0020 * x + 1.5393\text{E-}005$$

$$R = 1.0000$$

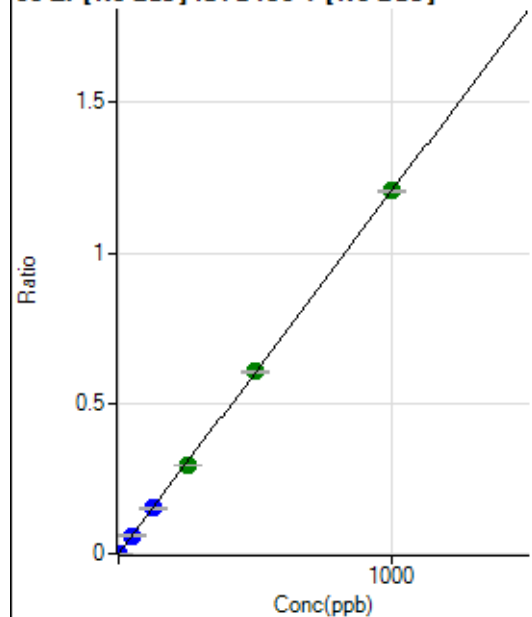
$$DL = 0.003448$$

$$BEC = 0.007762$$

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	261.12	0.0000	P	11.0
2	☐	1.000	1.063	8040.05	0.0013	P	3.3
3	☐	50.000	50.248	359015.68	0.0606	P	0.7
4	☐	125.000	124.926	889670.01	0.1506	P	1.9
5	☐	250.000	243.876	1685926.94	0.2939	A	1.6
6	☐	500.000	501.548	3389700.61	0.6043	A	1.4
7	☐	1000.000	1000.754	6999954.34	1.2058	A	0.5
8	☐			3447.11	0.0006	P	3.8

$$y = 0.0012 * x + 4.3578E-005$$

$$R = 1.0000$$

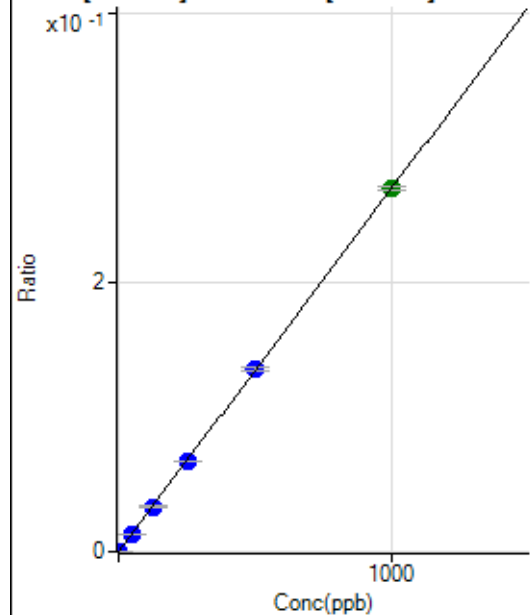
$$DL = 0.01199$$

$$BEC = 0.03617$$

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	53.33	0.0000	P	19.2
2	☐	1.000	1.047	1765.68	0.0003	P	7.3
3	☐	50.000	50.074	80009.10	0.0135	P	0.4
4	☐	125.000	123.750	197096.25	0.0334	P	1.4
5	☐	250.000	247.756	383069.73	0.0668	P	0.7
6	☐	500.000	502.765	759830.55	0.1355	P	2.1
7	☐	1000.000	999.331	1563223.38	0.2693	A	0.9
8	☐			745.58	0.0001	P	8.3

$$y = 2.6944E-004 * x + 8.9092E-006$$

$$R = 1.0000$$

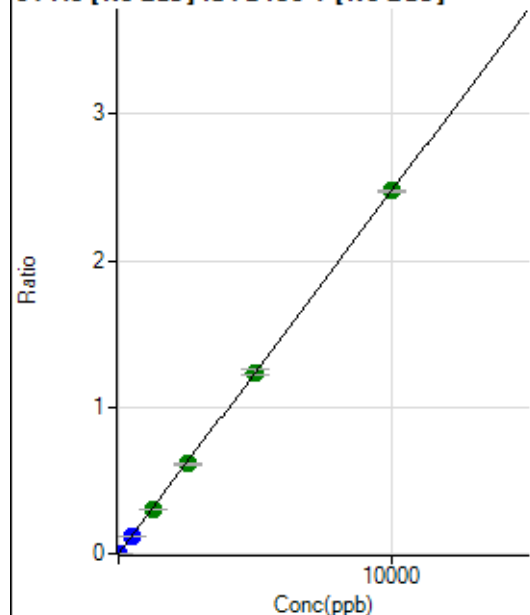
$$DL = 0.01902$$

$$BEC = 0.03306$$

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	104.45	0.0000	P	20.9
2	☐	5.000	6.334	9622.14	0.0016	P	2.0
3	☐	500.000	500.184	733505.53	0.1238	P	1.4
4	☐	1250.000	1230.086	1798721.92	0.3044	A	1.9
5	☐	2500.000	2476.151	3515335.23	0.6127	A	1.5
6	☐	5000.000	5008.674	6950840.66	1.2394	A	2.4
7	☐	10000.000	10004.105	14370936.59	2.4755	A	0.7
8	☐			3690.67	0.0006	P	16.2

$$y = 2.4744\text{E-}004 * x + 1.7430\text{E-}005$$

$$R = 1.0000$$

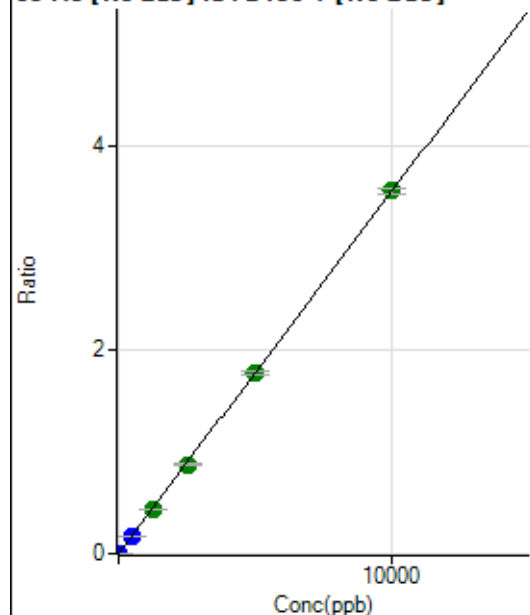
$$DL = 0.04419$$

$$BEC = 0.07044$$

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	30.00	0.0000	P	23.3
2	☐	5.000	5.337	11550.21	0.0019	P	2.2
3	☐	500.000	495.956	1045116.67	0.1764	P	0.8
4	☐	1250.000	1225.254	2574934.53	0.4357	A	0.8
5	☐	2500.000	2469.893	5038946.97	0.8783	A	2.3
6	☐	5000.000	4977.678	9927892.70	1.7700	A	2.0
7	☐	10000.000	10021.983	20688741.50	3.5637	A	1.9
8	☐			2704.72	0.0005	P	5.9

$$y = 3.5559\text{E-}004 * x + 5.0164\text{E-}006$$

$$R = 1.0000$$

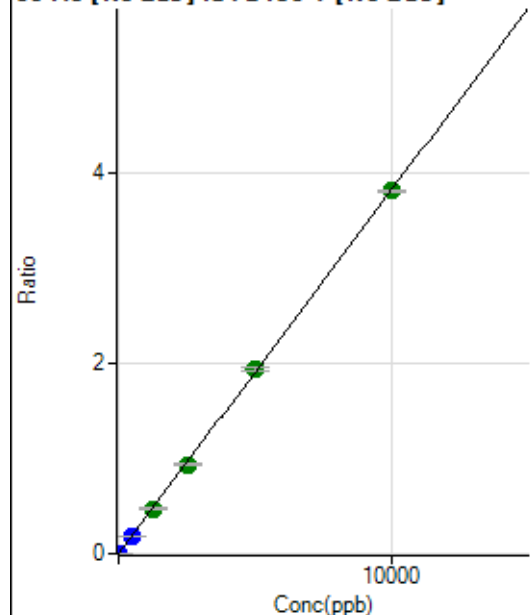
$$DL = 0.009849$$

$$BEC = 0.01411$$

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	115.56	0.0000	P	4.3
2	☐	5.000	5.534	12923.58	0.0021	P	3.0
3	☐	500.000	498.360	1126006.13	0.1900	P	0.9
4	☐	1250.000	1231.919	2775674.02	0.4697	A	1.9
5	☐	2500.000	2450.473	5360678.88	0.9342	A	1.6
6	☐	5000.000	5076.042	10856056.51	1.9352	A	1.1
7	☐	10000.000	9976.703	22081574.67	3.8036	A	0.6
8	☐			12892.48	0.0022	P	0.4

$$y = 3.8124\text{E-}004 * x + 1.9297\text{E-}005$$

$$R = 0.9999$$

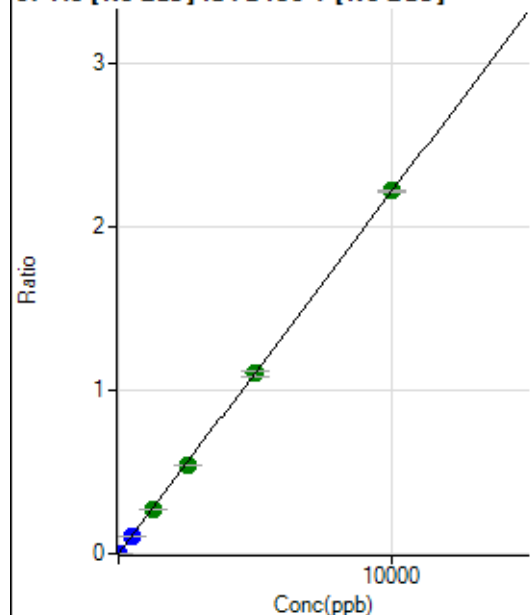
$$DL = 0.00655$$

$$BEC = 0.05061$$

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	22.22	0.0000	P	32.2
2	☐	5.000	5.343	7189.60	0.0012	P	2.0
3	☐	500.000	499.602	654203.98	0.1104	P	1.4
4	☐	1250.000	1223.702	1598090.46	0.2704	A	1.3
5	☐	2500.000	2447.178	3102458.74	0.5408	A	1.4
6	☐	5000.000	4973.378	6163143.52	1.0990	A	2.9
7	☐	10000.000	10029.823	12867007.73	2.2163	A	0.9
8	☐			1836.80	0.0003	P	4.5

$$y = 2.2097\text{E-}004 * x + 3.7162\text{E-}006$$

$$R = 1.0000$$

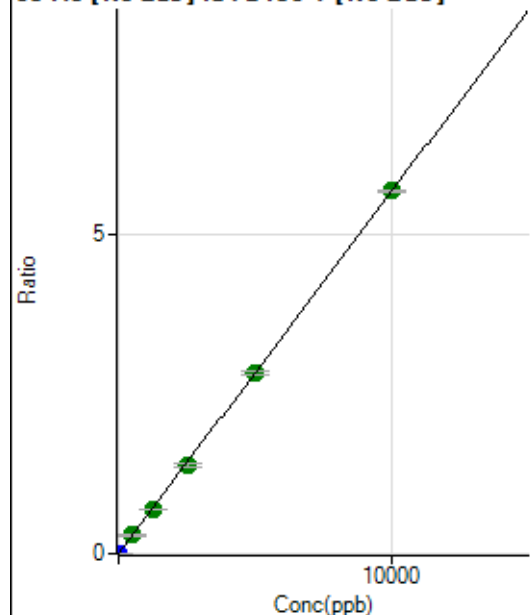
$$DL = 0.01622$$

$$BEC = 0.01682$$

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	46.67	0.0000	P	8.2
2	☐	5.000	5.364	18468.46	0.0030	P	0.6
3	☐	500.000	504.416	1690794.63	0.2853	A	1.9
4	☐	1250.000	1224.754	4094185.95	0.6928	A	1.6
5	☐	2500.000	2449.163	7947334.39	1.3854	A	3.0
6	☐	5000.000	4997.071	15853452.12	2.8267	A	2.3
7	☐	10000.000	10017.109	32895986.73	5.6664	A	0.6
8	☐			4002.82	0.0007	P	6.1

$$y = 5.6568\text{E-}004 * x + 7.7949\text{E-}006$$

$$R = 1.0000$$

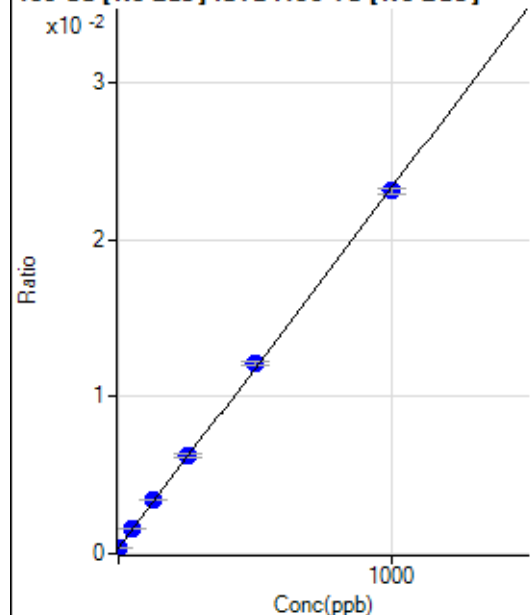
$$DL = 0.003397$$

$$BEC = 0.01378$$

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	1770.13	0.0004	P	4.5
2	☐	1.000	1.132	1900.14	0.0004	P	6.9
3	☐	50.000	53.009	7721.00	0.0016	P	1.5
4	☐	125.000	133.060	16602.91	0.0034	P	0.7
5	☐	250.000	256.859	30297.22	0.0063	P	3.0
6	☐	500.000	510.631	58355.61	0.0121	P	2.0
7	☐	1000.000	991.812	115692.52	0.0231	P	1.4
8	☐			1661.23	0.0003	P	7.5

$$y = 2.2964\text{E-}005 * x + 3.5873\text{E-}004$$

$$R = 0.9999$$

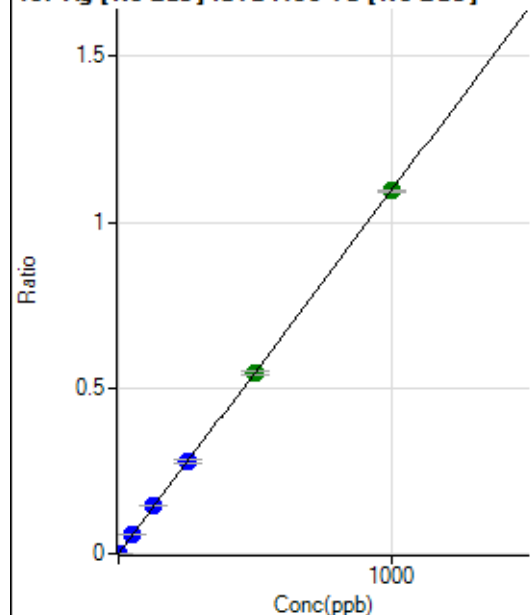
$$DL = 2.09$$

$$BEC = 15.62$$

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	45.56	0.0000	P	21.1
2	☐	1.000	1.190	6490.40	0.0013	P	1.6
3	☐	50.000	53.907	289578.32	0.0591	P	0.3
4	☐	125.000	132.038	703861.62	0.1448	P	0.7
5	☐	250.000	255.519	1356126.85	0.2801	P	3.8
6	☐	500.000	498.190	2637213.19	0.5462	A	2.7
7	☐	1000.000	998.450	5473877.00	1.0946	A	0.6
8	☐			405.56	0.0001	P	11.0

$$y = 0.0011 * x + 9.2306E-006$$

$$R = 1.0000$$

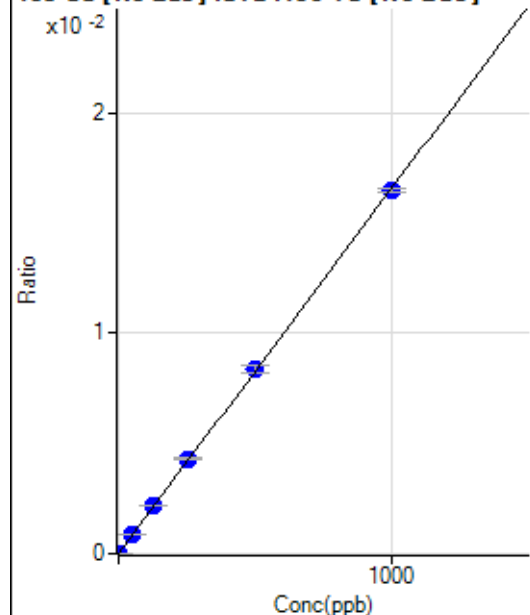
$$DL = 0.005331$$

$$BEC = 0.00842$$

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	7.78	0.0000	P	49.5
2	☐	1.000	1.209	106.67	0.0000	P	4.5
3	☐	50.000	54.144	4396.26	0.0009	P	2.3
4	☐	125.000	131.315	10571.71	0.0022	P	1.4
5	☐	250.000	259.570	20800.58	0.0043	P	3.1
6	☐	500.000	505.654	40400.72	0.0084	P	3.2
7	☐	1000.000	993.783	82233.67	0.0164	P	1.1
8	☐			17.78	0.0000	P	21.3

$$y = 1.6545E-005 * x + 1.5759E-006$$

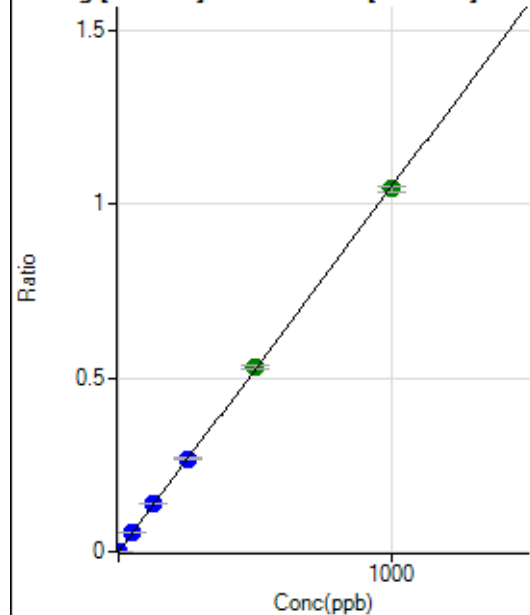
$$R = 0.9999$$

$$DL = 0.1416$$

$$BEC = 0.09525$$

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	17.78	0.0000	P	60.3
2	☐	1.000	1.115	5811.22	0.0012	P	1.9
3	☐	50.000	53.444	275226.18	0.0562	P	1.5
4	☐	125.000	130.822	668635.37	0.1375	P	0.6
5	☐	250.000	253.572	1290616.52	0.2665	P	2.6
6	☐	500.000	507.880	2578040.03	0.5339	A	2.0
7	☐	1000.000	994.267	5226254.78	1.0451	A	1.2
8	☐			394.45	0.0001	P	14.8

$$y = 0.0011 * x + 3.6031E-006$$

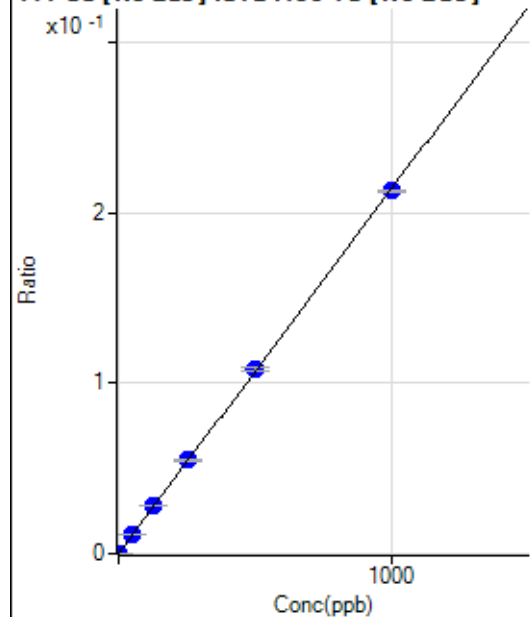
$$R = 0.9999$$

$$DL = 0.006197$$

$$BEC = 0.003428$$

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	193.79	0.0000	P	4.6
2	☐	1.000	1.189	1450.98	0.0003	P	9.2
3	☐	50.000	54.372	57160.74	0.0117	P	1.0
4	☐	125.000	131.892	137335.27	0.0282	P	0.9
5	☐	250.000	256.092	265337.95	0.0548	P	3.5
6	☐	500.000	505.611	522334.57	0.1082	P	2.0
7	☐	1000.000	994.591	1063847.66	0.2127	P	0.5
8	☐			340.35	0.0001	P	8.7

$$y = 2.1386E-004 * x + 3.9270E-005$$

$$R = 0.9999$$

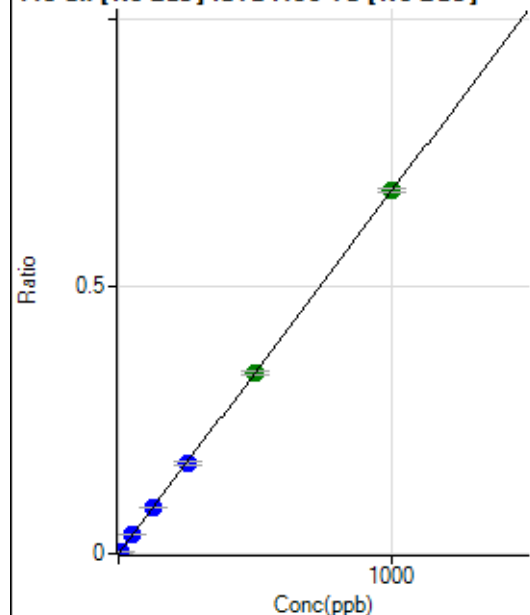
$$DL = 0.02552$$

$$BEC = 0.1836$$

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	644.46	0.0001	P	7.0
2	☐	5.000	5.739	19854.88	0.0040	P	3.0
3	☐	50.000	51.737	172357.58	0.0352	P	1.4
4	☐	125.000	126.939	418796.19	0.0861	P	0.5
5	☐	250.000	250.113	820976.29	0.1696	P	3.5
6	☐	500.000	497.648	1628711.33	0.3373	A	1.9
7	☐	1000.000	1000.815	3391271.48	0.6782	A	1.0
8	☐			1205.62	0.0003	P	6.8

$$y = 6.7750\text{E-}004 * x + 1.3056\text{E-}004$$

$$R = 1.0000$$

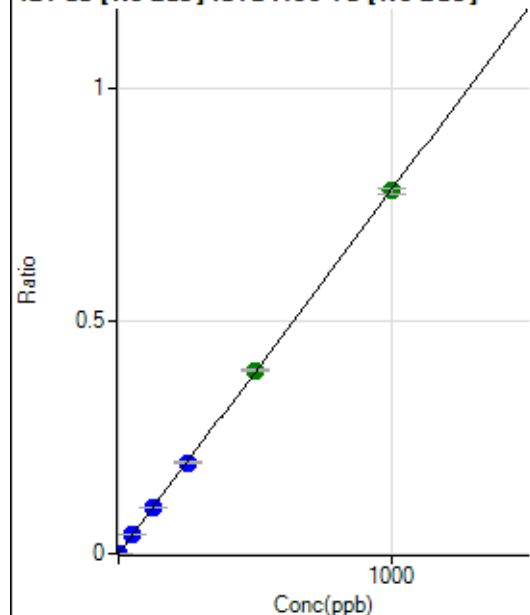
$$DL = 0.0402$$

$$BEC = 0.1927$$

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	14.44	0.0000	P	35.9
2	☐	2.000	2.209	8534.82	0.0017	P	0.5
3	☐	50.000	51.763	197936.38	0.0404	P	1.2
4	☐	125.000	128.362	487124.92	0.1002	P	1.1
5	☐	250.000	250.033	944847.68	0.1952	P	3.0
6	☐	500.000	503.575	1898007.47	0.3930	A	1.4
7	☐	1000.000	997.696	3893694.25	0.7787	A	1.7
8	☐			1765.68	0.0004	P	8.5

$$y = 7.8049\text{E-}004 * x + 2.9310\text{E-}006$$

$$R = 1.0000$$

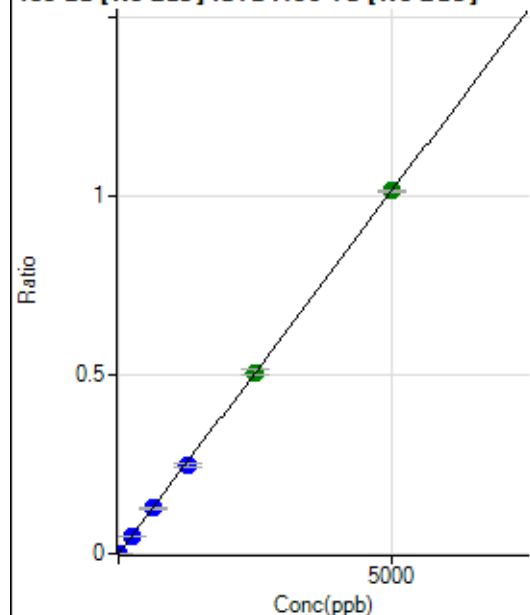
$$DL = 0.004044$$

$$BEC = 0.003755$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0000	P	45.0
2	☐	10.000	10.761	10809.73	0.0022	P	0.3
3	☐	250.000	250.054	248458.03	0.0507	P	0.6
4	☐	625.000	625.111	616406.55	0.1268	P	1.5
5	☐	1250.000	1227.497	1205161.67	0.2489	P	3.5
6	☐	2500.000	2500.753	2448645.61	0.5071	A	3.1
7	☐	5000.000	5005.231	5075811.10	1.0150	A	0.6
8	☐			2012.38	0.0004	P	1.3

$$y = 2.0280\text{E-}004 * x + 5.4000\text{E-}006$$

$$R = 1.0000$$

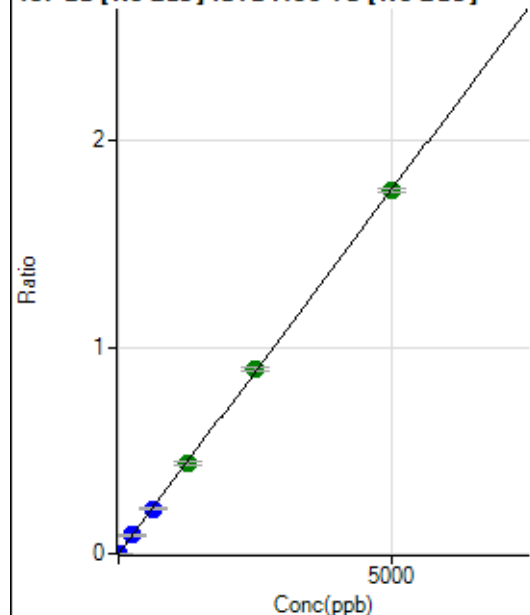
$$DL = 0.03593$$

$$BEC = 0.02663$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.55	0.0000	P	29.8
2	☐	10.000	10.981	19178.61	0.0039	P	0.5
3	☐	250.000	251.781	435208.62	0.0888	P	1.6
4	☐	625.000	619.991	1063530.00	0.2187	P	1.3
5	☐	1250.000	1240.766	2119213.49	0.4378	A	3.7
6	☐	2500.000	2534.893	4318371.57	0.8943	A	2.5
7	☐	5000.000	4985.397	8795228.90	1.7589	A	1.2
8	☐			3335.98	0.0007	P	0.8

$$y = 3.5281\text{E-}004 * x + 7.1966\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01822$$

$$BEC = 0.0204$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			7.78		P	24.7
3	☐			12.22		P	15.7
4	☐			44.45		P	15.6
5	☐			88.89		P	24.4
6	☐			115.56		P	20.5
7	☐			231.12		P	7.3
8	☐			91.11		P	13.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			2.22		P	86.6
4	☐			10.00		P	33.3
5	☐			17.78		P	21.7
6	☐			33.33		P	52.9
7	☐			64.44		P	7.9
8	☐			58.89		P	11.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			5.55		P	69.3
3	☐			6.67		P	100.
4	☐			13.33		P	66.1
5	☐			25.55		P	41.9
6	☐			41.11		P	28.5
7	☐			97.78		P	7.1
8	☐			121.11		P	12.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			21.11		P	50.8
4	☐			37.78		P	36.7
5	☐			63.33		P	29.3
6	☐			105.56		P	6.6
7	☐			253.34		P	4.7
8	☐			110.00		P	25.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	18.2
2	☐			22.22		P	34.7
3	☐			35.56		P	14.3
4	☐			33.33		P	10.0
5	☐			41.11		P	26.1
6	☐			48.89		P	15.7
7	☐			61.11		P	31.0
8	☐			138.89		P	18.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			220.01		P	11.4
2	☐			182.23		P	6.9
3	☐			182.22		P	12.5
4	☐			227.78		P	21.3
5	☐			237.78		P	7.2
6	☐			236.67		P	5.1
7	☐			227.78		P	12.4
8	☐			286.67		P	14.1

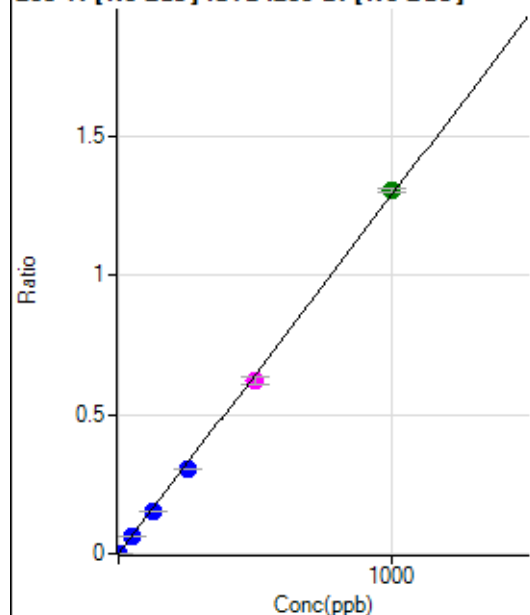
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	14.3
2	☐			23.33		P	51.5
3	☐			35.56		P	35.5
4	☐			47.78		P	22.4
5	☐			52.22		P	7.4
6	☐			53.33		P	18.8
7	☐			96.67		P	22.6
8	☐			183.34		P	9.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	64.6
2	☐			31.11		P	12.4
3	☐			25.56		P	32.8
4	☐			36.67		P	18.2
5	☐			34.44		P	5.6
6	☐			56.66		P	10.2
7	☐			57.78		P	43.7
8	☐			141.11		P	17.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	7.3
2	☐	1.000	0.991	3818.35	0.0013	P	2.6
3	☐	50.000	48.452	178556.57	0.0624	P	0.5
4	☐	125.000	117.543	438366.83	0.1514	P	3.5
5	☐	250.000	235.594	881746.25	0.3034	P	1.1
6	☐	500.000	484.659	1817625.37	0.6240	M	4.2
7	☐	1000.000	1012.282	3855350.67	1.3033	A	1.0
8	☐			405.57	0.0002	P	1.8

$$y = 0.0013 * x + 4.8404E-005$$

$$R = 0.9997$$

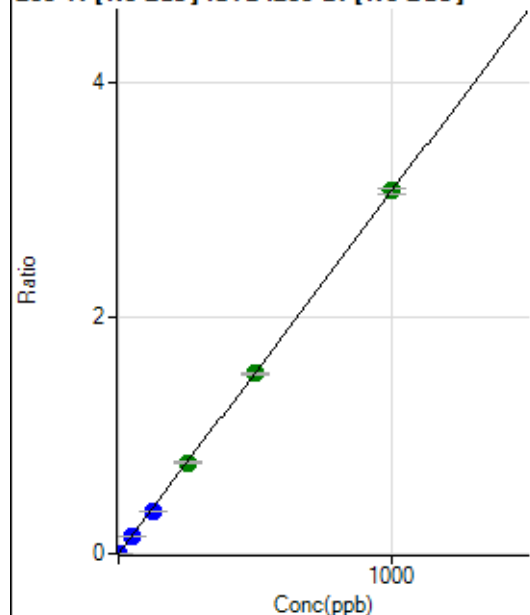
$$DL = 0.008235$$

$$BEC = 0.0376$$

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	321.12	0.0001	P	25.4
2	☐	1.000	1.012	9285.48	0.0032	P	1.9
3	☐	50.000	48.186	423436.08	0.1480	P	1.3
4	☐	125.000	117.310	1043275.19	0.3602	P	3.3
5	☐	250.000	251.794	2246878.66	0.7731	A	2.4
6	☐	500.000	498.395	4456031.74	1.5302	A	1.2
7	☐	1000.000	1001.406	9094574.72	3.0744	A	1.4
8	☐			882.26	0.0003	P	7.0

$$y = 0.0031 * x + 1.1209E-004$$

$$R = 1.0000$$

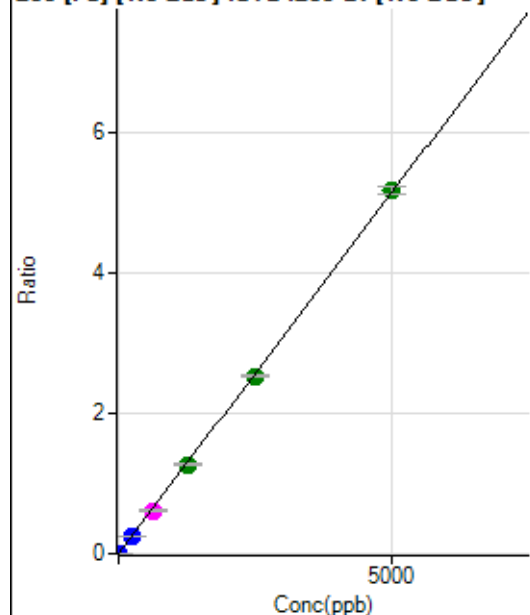
$$DL = 0.02782$$

$$BEC = 0.03651$$

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	302.23	0.0001	P	12.7
2	☐	1.000	1.017	3317.11	0.0012	P	2.1
3	☐	250.000	239.722	705010.72	0.2465	P	1.2
4	☐	625.000	599.061	1782988.57	0.6158	M	5.4
5	☐	1250.000	1230.777	3676923.48	1.2651	A	1.6
6	☐	2500.000	2464.150	7375808.36	2.5327	A	1.7
7	☐	5000.000	5026.487	15281995.33	5.1662	A	2.0
8	☐			6782.86	0.0025	P	1.7

$$y = 0.0010 * x + 1.0538E-004$$

$$R = 0.9999$$

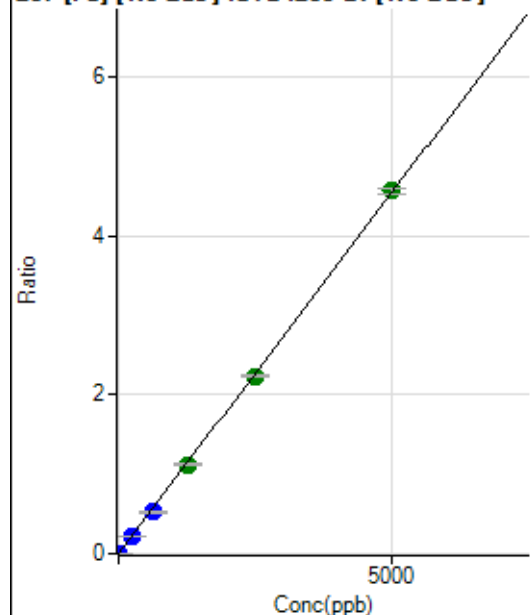
$$DL = 0.03903$$

$$BEC = 0.1025$$

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	280.00	0.0001	P	11.7
2	☐	1.000	1.043	3009.25	0.0010	P	0.7
3	☐	250.000	235.752	611936.44	0.2139	P	1.1
4	☐	625.000	580.667	1525684.68	0.5268	P	3.0
5	☐	1250.000	1234.824	3255826.38	1.1202	A	1.6
6	☐	2500.000	2463.357	6507658.10	2.2345	A	1.3
7	☐	5000.000	5028.370	13491862.85	4.5612	A	1.2
8	☐			5832.43	0.0022	P	1.0

$$y = 9.0707E-004 * x + 9.7507E-005$$

$$R = 0.9999$$

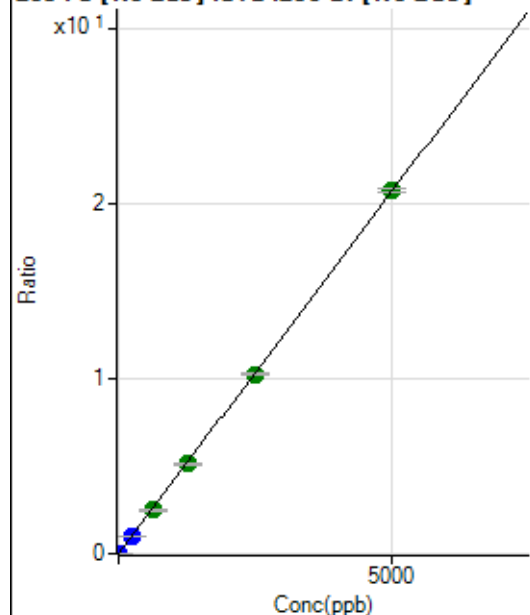
$$DL = 0.03782$$

$$BEC = 0.1075$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1282.26	0.0004	P	3.5
2	☐	1.000	1.036	13628.40	0.0047	P	2.2
3	☐	250.000	237.805	2811202.23	0.9828	P	0.9
4	☐	625.000	605.321	7242963.16	2.5011	A	3.3
5	☐	1250.000	1240.829	14900768.28	5.1264	A	1.4
6	☐	2500.000	2479.191	29825407.75	10.2421	A	0.8
7	☐	5000.000	5015.767	61295544.92	20.7208	A	1.2
8	☐			26999.66	0.0101	P	0.2

$$y = 0.0041 * x + 4.4695E-004$$

$$R = 1.0000$$

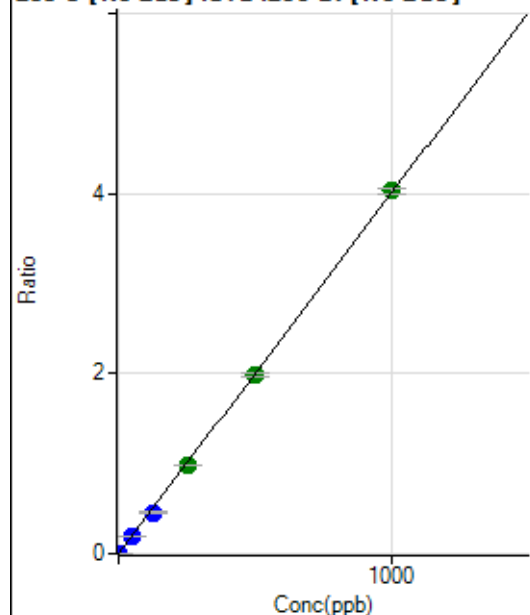
$$DL = 0.01147$$

$$BEC = 0.1082$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	69.3
2	☐	1.000	1.011	11694.10	0.0041	P	0.5
3	☐	50.000	45.726	524058.39	0.1832	P	0.3
4	☐	125.000	113.660	1318897.58	0.4554	P	2.9
5	☐	250.000	245.415	2858146.41	0.9833	A	1.2
6	☐	500.000	493.793	5760912.62	1.9785	A	2.3
7	☐	1000.000	1005.881	11921526.49	4.0303	A	1.4
8	☐			377.78	0.0001	P	13.3

$$y = 0.0040 * x + 4.2729E-006$$

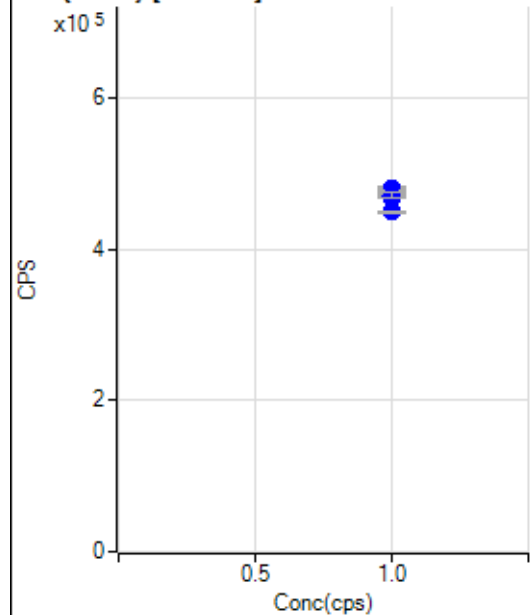
$$R = 0.9999$$

$$DL = 0.002218$$

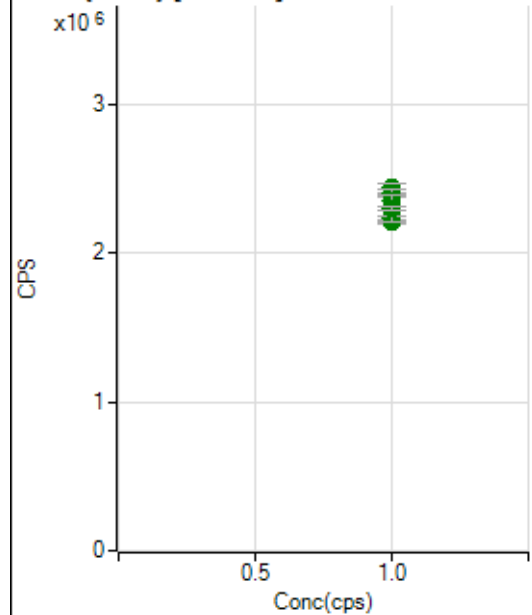
$$BEC = 0.001066$$

Weight: <None>

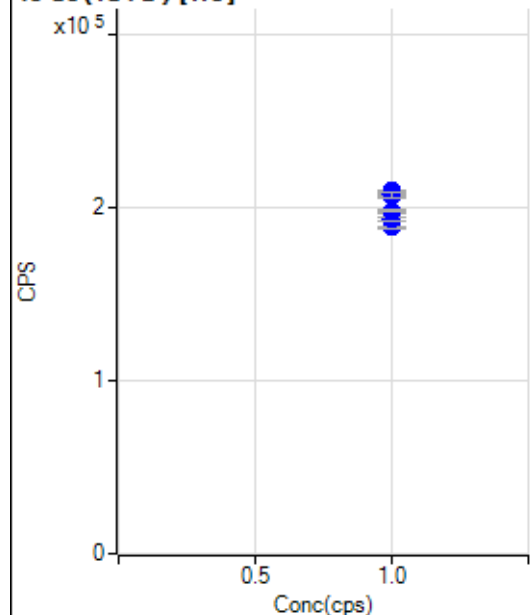
Min Conc: 0

6 Li (ISTD) [No Gas]

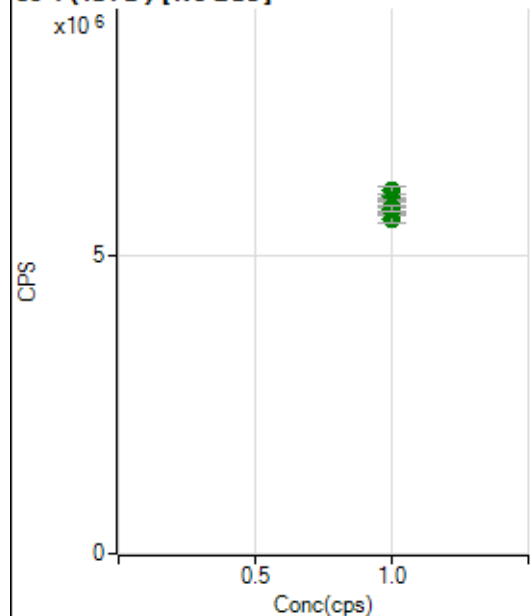
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		468628.97		P	0.4
2	☐	1.000		479424.35		P	1.0
3	☐	1.000		477425.29		P	0.7
4	☐	1.000		472113.82		P	0.6
5	☐	1.000		468327.31		P	0.7
6	☐	1.000		475532.09		P	0.6
7	☐	1.000		471164.31		P	1.7
8	☐	1.000		449367.45		P	0.7

45 Sc (ISTD) [No Gas]

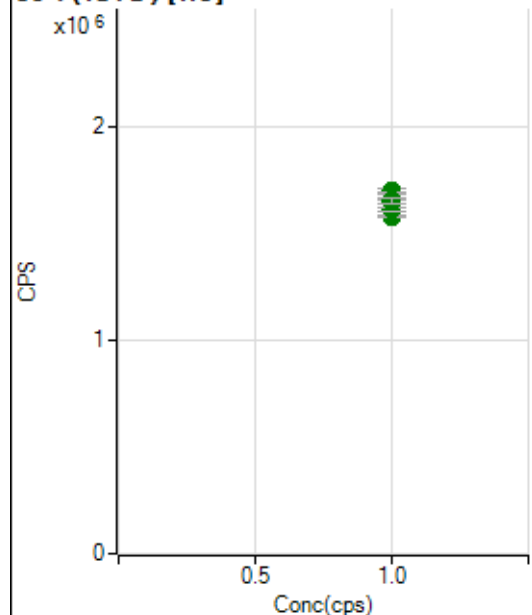
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2408511.39		A	1.3
2	☐	1.000		2438590.13		A	2.4
3	☐	1.000		2405246.14		A	2.2
4	☐	1.000		2351978.94		A	3.3
5	☐	1.000		2208741.83		A	1.4
6	☐	1.000		2219014.10		A	0.7
7	☐	1.000		2231991.04		A	1.8
8	☐	1.000		2302331.98		A	1.2

45 Sc (ISTD) [He]

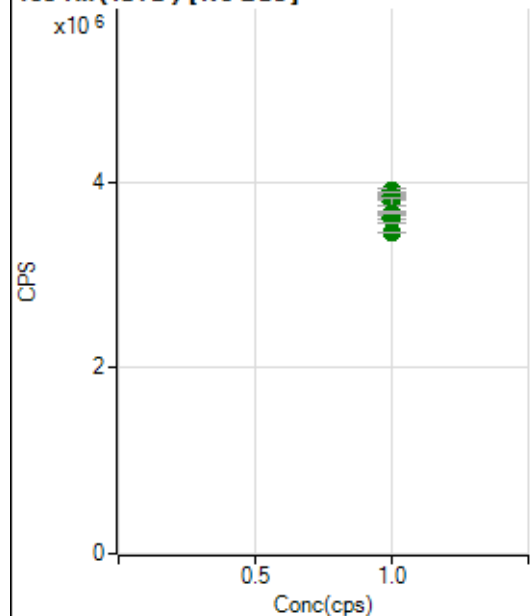
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		209410.51		P	0.7
2	☐	1.000		209938.08		P	0.7
3	☐	1.000		206540.48		P	0.7
4	☐	1.000		198428.10		P	1.1
5	☐	1.000		188764.87		P	0.8
6	☐	1.000		193752.85		P	0.8
7	☐	1.000		198302.98		P	0.4
8	☐	1.000		207587.49		P	1.4

89 Y (ISTD) [No Gas]

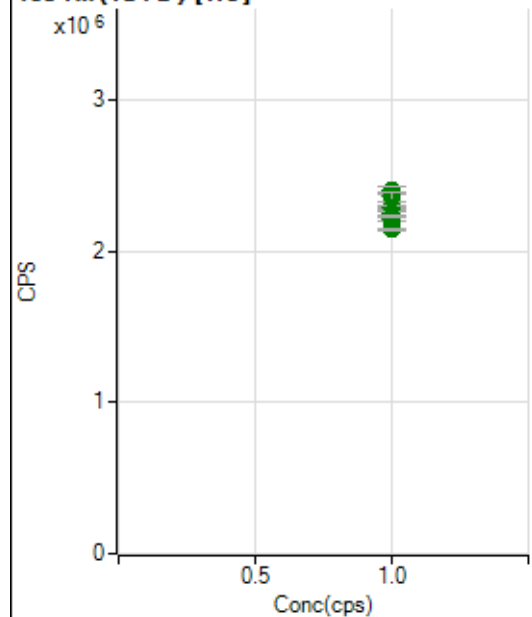
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5990338.24		A	1.1
2	☐	1.000		6071668.87		A	2.0
3	☐	1.000		5926314.98		A	1.2
4	☐	1.000		5909931.30		A	0.9
5	☐	1.000		5737885.47		A	1.4
6	☐	1.000		5610181.03		A	2.1
7	☐	1.000		5805462.76		A	0.3
8	☐	1.000		5767267.21		A	1.7

89 Y (ISTD) [He]

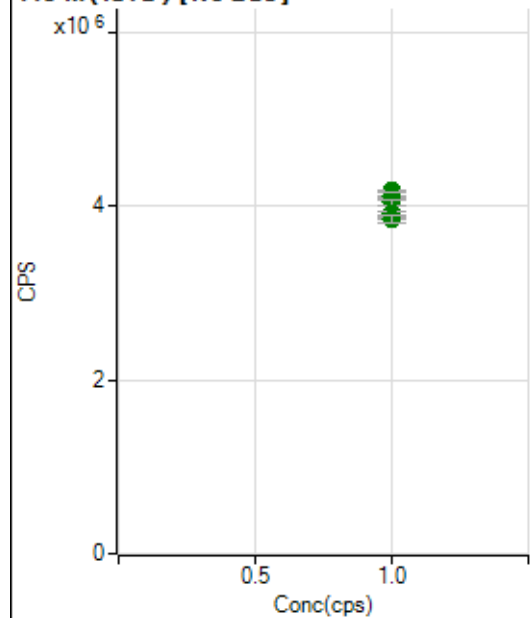
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1699764.05		A	1.4
2	☐	1.000		1689262.79		A	0.2
3	☐	1.000		1649933.79		A	1.3
4	☐	1.000		1652577.53		A	1.6
5	☐	1.000		1578217.86		A	0.7
6	☐	1.000		1613316.87		A	1.1
7	☐	1.000		1650334.59		A	1.7
8	☐	1.000		1653585.60		A	1.4

103 Rh (ISTD) [No Gas]

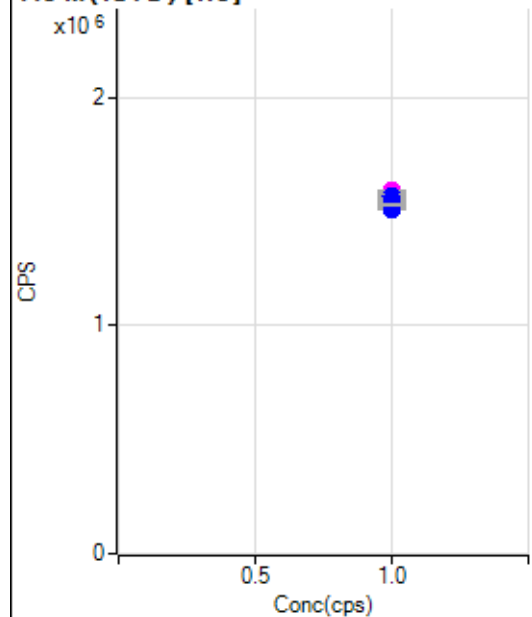
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3834816.40		A	1.5
2	☐	1.000		3909137.06		A	1.3
3	☐	1.000		3849905.22		A	2.0
4	☐	1.000		3789889.56		A	1.8
5	☐	1.000		3634493.52		A	1.3
6	☐	1.000		3597110.96		A	2.3
7	☐	1.000		3672320.50		A	0.6
8	☐	1.000		3458528.77		A	0.3

103 Rh (ISTD) [He]

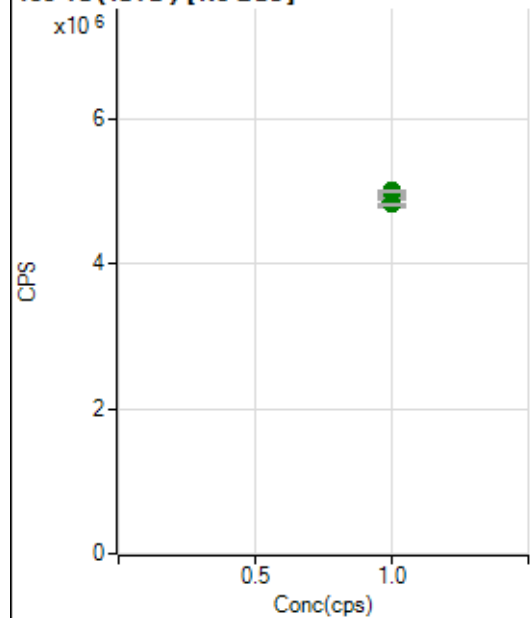
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2396812.86		A	2.2
2	☐	1.000		2356713.11		A	2.3
3	☐	1.000		2286048.25		A	0.5
4	☐	1.000		2290242.40		A	1.2
5	☐	1.000		2211888.18		A	1.8
6	☐	1.000		2248695.80		A	0.9
7	☐	1.000		2226421.82		A	0.4
8	☐	1.000		2142970.00		A	0.6

115 In (ISTD) [No Gas]

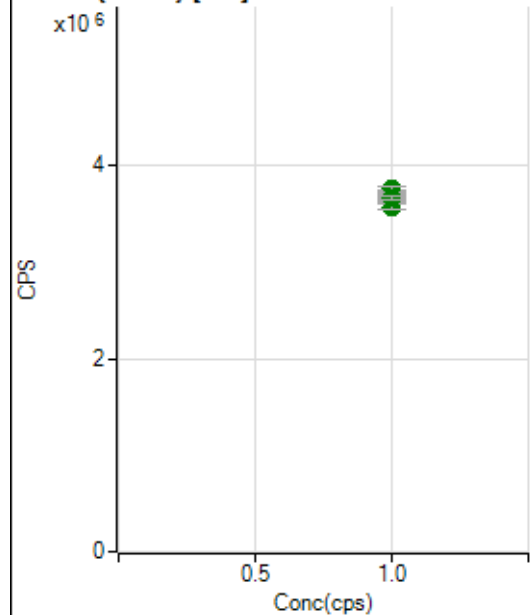
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4102036.12		A	0.8
2	☐	1.000		4180361.71		A	0.3
3	☐	1.000		4131145.46		A	1.2
4	☐	1.000		4047083.29		A	1.7
5	☐	1.000		3877154.19		A	1.0
6	☐	1.000		3880449.60		A	0.3
7	☐	1.000		3926800.32		A	1.3
8	☐	1.000		3855802.98		A	1.8

115 In (ISTD) [He]

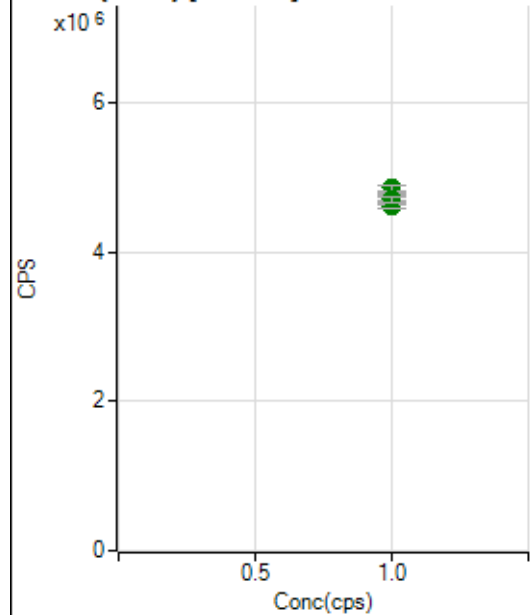
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1572773.39		M	0.3
2	☐	1.000		1589710.79		M	0.6
3	☐	1.000		1567872.33		P	0.7
4	☐	1.000		1548305.88		P	0.4
5	☐	1.000		1509366.27		P	0.6
6	☐	1.000		1526653.96		P	0.4
7	☐	1.000		1527023.37		P	0.6
8	☐	1.000		1530654.71		P	0.2

159 Tb (ISTD) [No Gas]

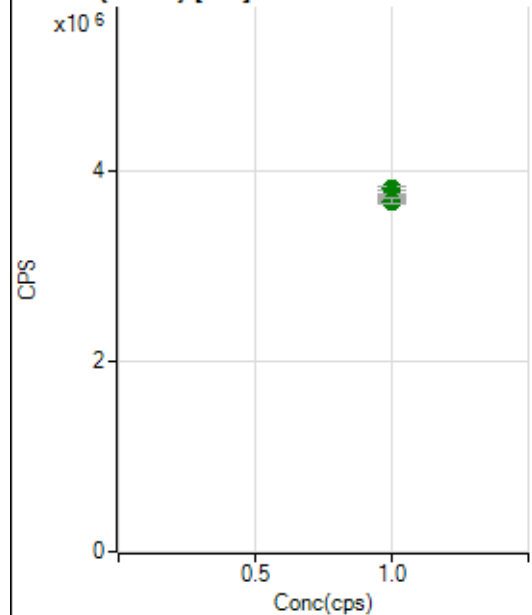
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4935321.52		A	0.6
2	☐	1.000		4941173.71		A	0.9
3	☐	1.000		4899163.30		A	0.5
4	☐	1.000		4862454.27		A	1.4
5	☐	1.000		4844303.19		A	2.8
6	☐	1.000		4829826.14		A	1.7
7	☐	1.000		5000646.76		A	0.6
8	☐	1.000		4821745.73		A	0.6

159 Tb (ISTD) [He]

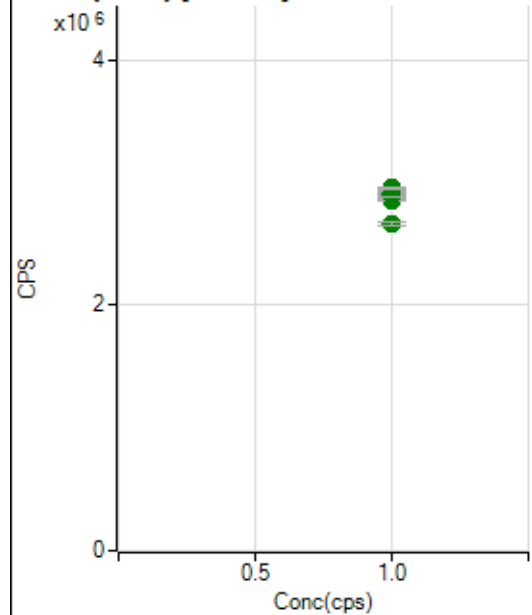
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3648496.23		A	0.8
2	☐	1.000		3672124.01		A	1.7
3	☐	1.000		3681262.10		A	3.3
4	☐	1.000		3651769.70		A	1.2
5	☐	1.000		3572849.98		A	1.3
6	☐	1.000		3686876.37		A	0.4
7	☐	1.000		3756745.64		A	1.4
8	☐	1.000		3665833.63		A	1.1

165 Ho (ISTD) [No Gas]

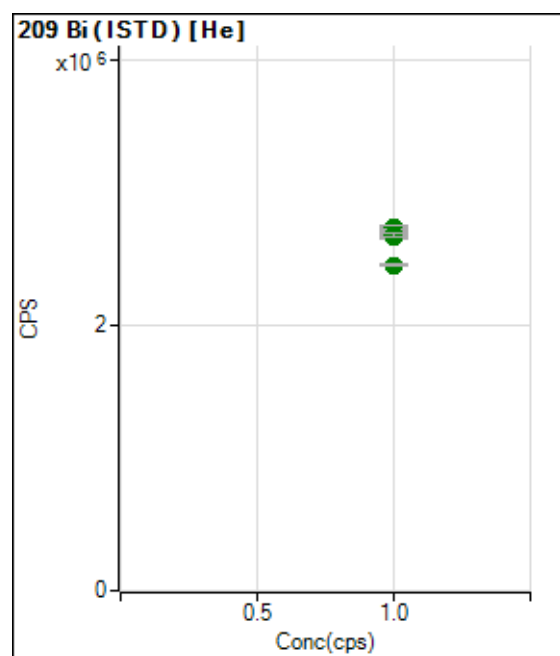
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4749648.09		A	0.5
2	☐	1.000		4784844.72		A	1.7
3	☐	1.000		4789496.07		A	0.3
4	☐	1.000		4732535.87		A	2.3
5	☐	1.000		4622110.21		A	1.0
6	☐	1.000		4723684.23		A	1.7
7	☐	1.000		4862685.28		A	1.7
8	☐	1.000		4710295.66		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3732376.50		A	1.2
2	☐	1.000		3711432.62		A	0.5
3	☐	1.000		3684413.97		A	1.4
4	☐	1.000		3706336.44		A	2.3
5	☐	1.000		3694873.21		A	0.5
6	☐	1.000		3803259.08		A	1.0
7	☐	1.000		3740967.58		A	1.0
8	☐	1.000		3672270.85		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2869523.81		A	1.0
2	☐	1.000		2883918.85		A	0.9
3	☐	1.000		2860359.65		A	0.6
4	☐	1.000		2896940.13		A	1.6
5	☐	1.000		2907040.96		A	1.8
6	☐	1.000		2912160.72		A	1.6
7	☐	1.000		2958189.92		A	0.9
8	☐	1.000		2665377.06		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2726986.62		A	1.2
2	☐	1.000		2705892.35		A	0.3
3	☐	1.000		2689770.58		A	1.0
4	☐	1.000		2674249.22		A	1.7
5	☐	1.000		2670130.99		A	0.6
6	☐	1.000		2731413.22		A	1.1
7	☐	1.000		2681500.50		A	0.8
8	☐	1.000		2453029.04		A	0.7