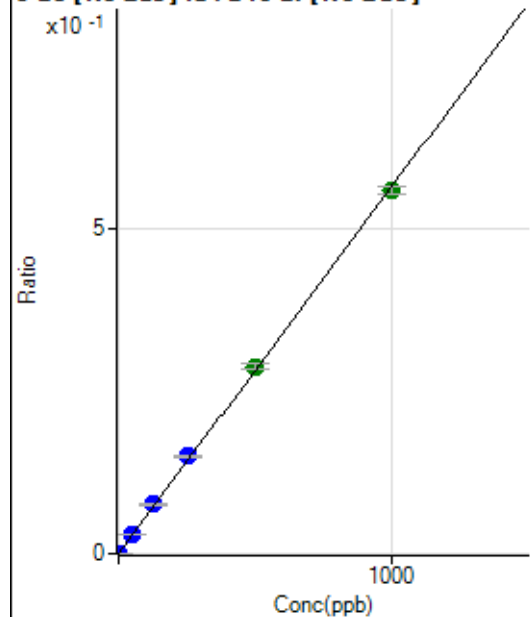


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7082123 MS.b\
Analysis File: P7082123 MS.batch.bin
DA Date-Time: 2023-08-21 15:43:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-21 12:25:46
2	006CALS.d	S02	2023-08-21 12:32:18
3	007CALS.d	S03	2023-08-21 12:35:32
4	008CALS.d	S04	2023-08-21 12:38:32
5	009CALS.d	S05	2023-08-21 12:41:21
6	010CALS.d	S06	2023-08-21 12:44:08
7	011CALS.d	S07	2023-08-21 12:46:53
8	012CALS.d	S08	2023-08-21 12:49:41

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	17.6
2	☐	1.000	1.084	3193.70	0.0006	P	0.5
3	☐	50.000	54.465	151943.78	0.0308	P	1.9
4	☐	125.000	134.298	366964.81	0.0758	P	1.5
5	☐	250.000	265.668	714460.34	0.1500	P	0.8
6	☐	500.000	511.071	1370338.47	0.2886	A	2.3
7	☐	1000.000	989.162	2645789.98	0.5585	A	2.3
8	☐			915.59	0.0002	P	29.1

$$y = 5.6454\text{E-}004 * x + 3.1611\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02959$$

$$BEC = 0.05599$$

Weight: <None>

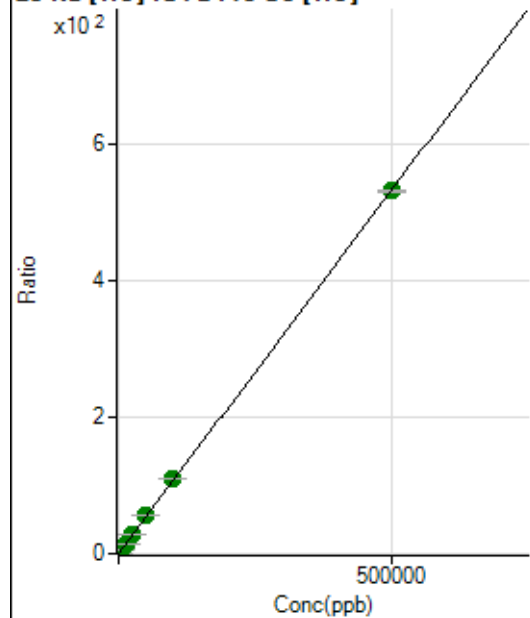
Min Conc: 0

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	32947.46	0.0353	P	0.7
2	☐	500.000	502.803	525919.84	0.5695	P	2.8
3	☐	5000.000	5249.935	5123572.32	5.6136	A	1.3
4	☐	12500.000	13039.563	12432934.12	13.8906	A	0.6
5	☐	25000.000	25882.057	24086323.25	27.5365	A	0.9
6	☐	50000.000	52094.585	47717622.62	55.3889	A	0.6
7	☐	100000.00	102880.51	95224747.47	109.3520	A	0.6
8	☐	500000.00	499154.34	441465566.76	530.4169	A	0.9

$$y = 0.0011 * x + 0.0353$$

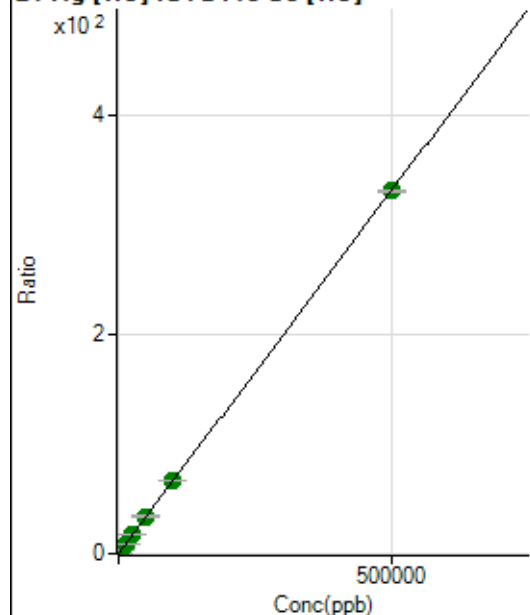
$$R = 1.0000$$

$$DL = 0.6486$$

$$BEC = 33.2$$

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	601.13	0.0006	P	3.5
2	☐	500.000	492.530	301369.88	0.3264	P	2.8
3	☐	5000.000	5233.294	3159820.96	3.4615	A	1.0
4	☐	12500.000	13055.655	7728403.15	8.6346	A	0.8
5	☐	25000.000	25764.029	14904157.42	17.0388	A	0.5
6	☐	50000.000	51502.711	29342831.78	34.0602	A	0.6
7	☐	100000.00	101497.09	58450911.35	67.1223	A	0.5
8	☐	500000.00	499495.89	274931435.91	330.3252	A	0.5

$$y = 6.6132\text{E-}004 * x + 6.4354\text{E-}004$$

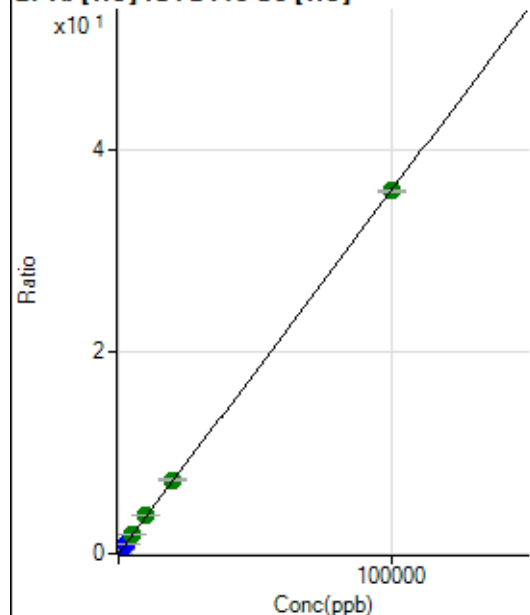
$$R = 1.0000$$

$$DL = 0.1017$$

$$BEC = 0.9731$$

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	245.56	0.0003	P	8.7
2	☐	20.000	20.896	7187.29	0.0078	P	3.3
3	☐	1000.000	1094.355	359746.76	0.3942	P	1.2
4	☐	2500.000	2673.990	861691.86	0.9627	P	0.7
5	☐	5000.000	5276.575	1661435.05	1.8995	A	1.0
6	☐	10000.000	10357.580	3211886.97	3.7282	A	0.7
7	☐	20000.000	20369.182	6384563.10	7.3317	A	0.5
8	☐	100000.00	99871.283	29918772.33	35.9467	A	0.3

$$y = 3.5993\text{E-}004 * x + 2.6286\text{E-}004$$

$$R = 1.0000$$

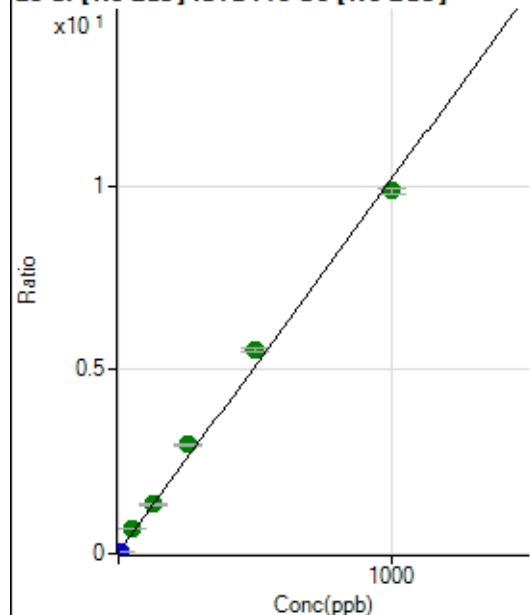
$$DL = 0.1902$$

$$BEC = 0.7303$$

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	412803.89	0.0375	P	0.9
2	☐	10.000	0.779	496083.10	0.0454	P	1.1
3	☐	50.000	61.549	7237902.67	0.6610	A	1.3
4	☐	125.000	128.532	14377010.76	1.3396	A	1.4
5	☐	250.000	289.372	30653605.38	2.9690	A	2.1
6	☐	500.000	540.518	57489017.48	5.5132	A	1.9
7	☐	1000.000	968.971	103364042.90	9.8537	A	1.6
8	☐			775120.11	0.0776	P	0.7

$$y = 0.0101 * x + 0.0375$$

$$R = 0.9976$$

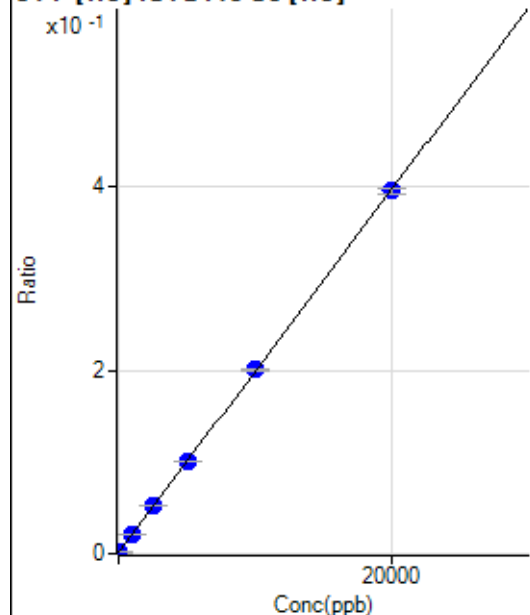
$$DL = 0.0963$$

$$BEC = 3.701$$

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	-9.102	877.81	0.0009	P	4.0
2	☐	0.000	9.102	1201.17	0.0013	P	0.8
3	☐	1000.000	1025.766	19553.73	0.0214	P	2.1
4	☐	2500.000	2570.711	46551.68	0.0520	P	0.8
5	☐	5000.000	5041.690	88280.15	0.1009	P	0.5
6	☐	10000.000	10082.491	172910.91	0.2007	P	0.4
7	☐	20000.000	19938.205	344673.25	0.3958	P	1.3
8	☐			908.92	0.0011	P	2.6

$$y = 1.9796E-005 * x + 0.0011$$

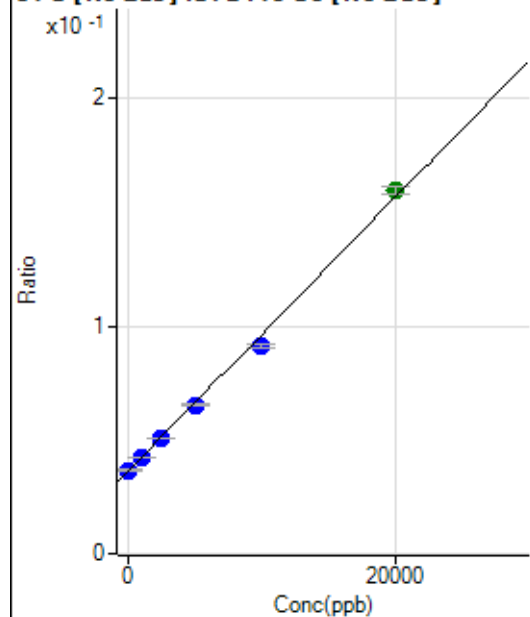
$$R = 1.0000$$

$$DL = 3.642$$

$$BEC = 56.57$$

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	-48.036	397364.03	0.0361	P	0.7
2	☐	0.000	48.036	400805.65	0.0367	P	1.0
3	☐	1000.000	935.875	459803.42	0.0420	P	0.9
4	☐	2500.000	2366.875	542769.01	0.0506	P	1.2
5	☐	5000.000	4837.093	675036.97	0.0654	P	1.9
6	☐	10000.000	9145.220	951103.75	0.0912	P	2.1
7	☐	20000.000	20487.964	1670165.58	0.1592	A	2.0
8	☐			341293.95	0.0342	P	1.3

$$y = 5.9958\text{E-}006 * x + 0.0364$$

R = 0.9986

DL = 147.9

BEC = 6068

Weight: <None>

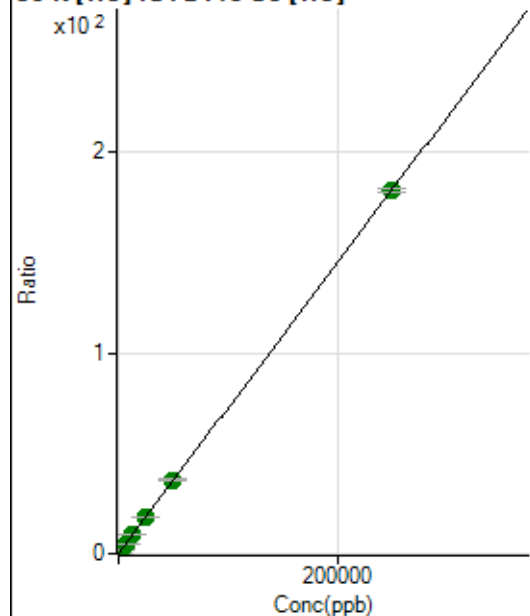
Min Conc: 0

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	96290.08	0.1031	P	0.6
2	☐	500.000	503.893	431669.39	0.4675	P	2.9
3	☐	2500.000	2640.865	1836887.68	2.0128	A	2.9
4	☐	6250.000	6440.779	4261178.30	4.7608	A	0.6
5	☐	12500.000	12733.379	8144652.17	9.3113	A	0.2
6	☐	25000.000	25449.327	15943591.98	18.5068	A	0.7
7	☐	50000.000	50741.288	32042606.47	36.7968	A	1.0
8	☐	250000.00	249788.95	150427094.43	180.7387	A	1.0

$$y = 7.2315E-004 * x + 0.1031$$

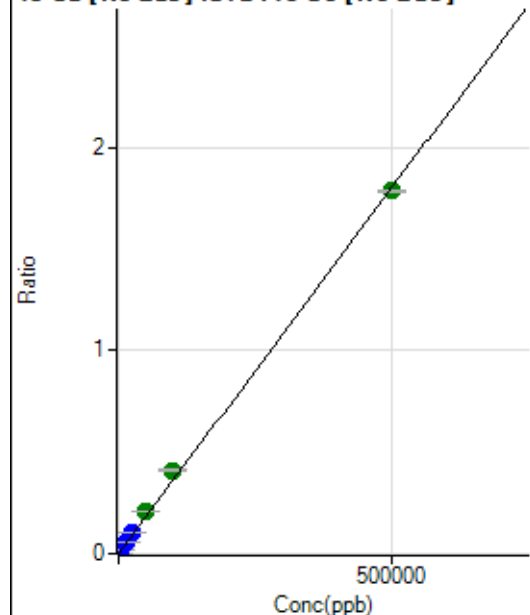
$$R = 1.0000$$

$$DL = 2.769$$

$$BEC = 142.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2499.12	0.0002	P	5.1
2	☐	500.000	488.556	21717.84	0.0020	P	1.6
3	☐	5000.000	5975.290	238151.39	0.0218	P	1.4
4	☐	12500.000	14715.904	571330.56	0.0532	P	1.4
5	☐	25000.000	29965.222	1116762.88	0.1082	P	1.4
6	☐	50000.000	57618.387	2166597.61	0.2078	A	1.9
7	☐	100000.00	113226.34	4280410.46	0.4081	A	2.1
8	☐	500000.00	496279.49	17869219.73	1.7878	A	0.3

$$y = 3.6020\text{E-}006 * x + 2.2704\text{E-}004$$

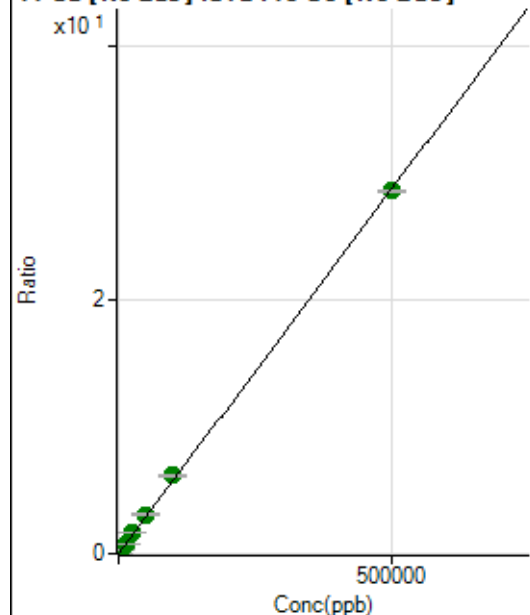
$$R = 0.9996$$

$$DL = 9.729$$

$$BEC = 63.03$$

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	18468.03	0.0017	P	1.3
2	☐	500.000	486.541	323868.60	0.0296	P	1.0
3	☐	5000.000	5602.255	3542711.55	0.3235	A	1.1
4	☐	12500.000	13789.274	8520112.44	0.7939	A	2.0
5	☐	25000.000	27910.011	16573392.81	1.6051	A	1.4
6	☐	50000.000	54048.934	32395019.24	3.1069	A	2.5
7	☐	100000.00	107571.33	64837845.70	6.1818	A	3.0
8	☐	500000.00	497897.09	285902355.74	28.6066	A	0.7

$$y = 5.7452\text{E-}005 * x + 0.0017$$

$$R = 0.9999$$

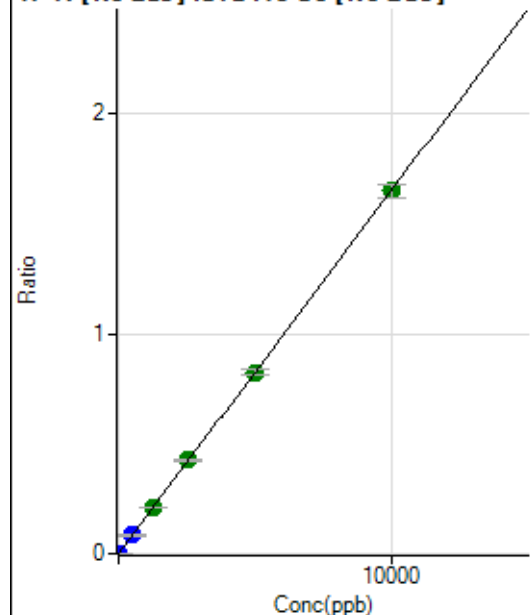
$$DL = 1.11$$

$$BEC = 29.2$$

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	212.22	0.0000	P	11.5
2	☐	5.000	4.839	8942.71	0.0008	P	3.6
3	☐	500.000	503.888	911054.00	0.0832	P	1.9
4	☐	1250.000	1263.383	2238784.81	0.2086	A	1.3
5	☐	2500.000	2586.007	4408396.74	0.4270	A	1.9
6	☐	5000.000	4986.136	8583333.14	0.8232	A	2.8
7	☐	10000.000	9983.563	17287047.24	1.6483	A	3.4
8	☐			3838.33	0.0004	P	32.4

$$y = 1.6510\text{E-}004 * x + 1.9283\text{E-}005$$

$$R = 1.0000$$

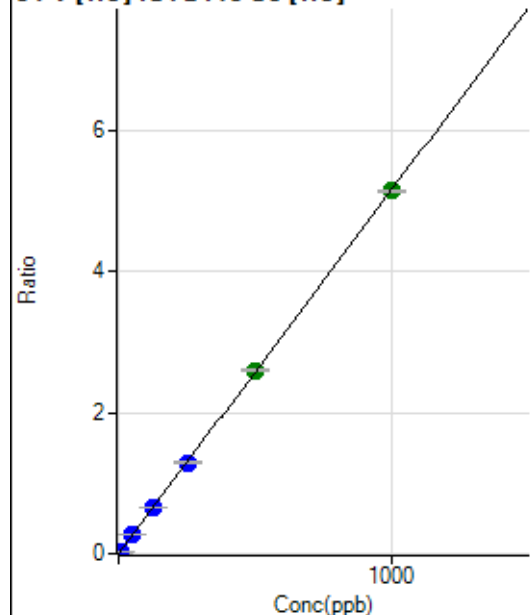
$$DL = 0.04029$$

$$BEC = 0.1168$$

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	97.78	0.0001	P	35.9
2	☐	5.000	4.772	22796.23	0.0247	P	4.4
3	☐	50.000	51.189	240823.01	0.2638	P	0.9
4	☐	125.000	126.679	584289.92	0.6528	P	0.7
5	☐	250.000	251.017	1131342.35	1.2934	P	0.8
6	☐	500.000	503.718	2235909.81	2.5954	A	0.8
7	☐	1000.000	997.618	4476229.93	5.1401	A	0.6
8	☐			1743.45	0.0021	P	4.8

$$y = 0.0052 * x + 1.0477\text{E-}004$$

$$R = 1.0000$$

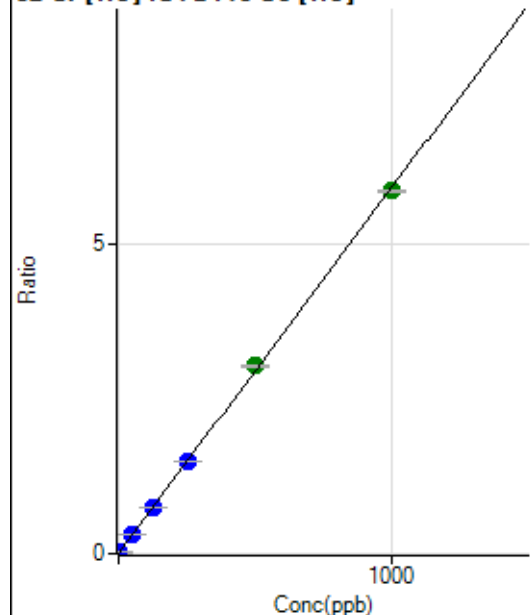
$$DL = 0.02188$$

$$BEC = 0.02034$$

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	3381.52	0.0036	P	3.2
2	☐	2.000	2.064	14596.06	0.0158	P	1.7
3	☐	50.000	51.858	282686.08	0.3097	P	2.1
4	☐	125.000	127.513	676986.17	0.7564	P	0.2
5	☐	250.000	254.097	1315211.27	1.5036	P	0.2
6	☐	500.000	513.505	2614658.19	3.0349	A	1.1
7	☐	1000.000	991.816	5101694.65	5.8585	A	0.7
8	☐			20613.06	0.0248	P	1.3

$$y = 0.0059 * x + 0.0036$$

$$R = 0.9999$$

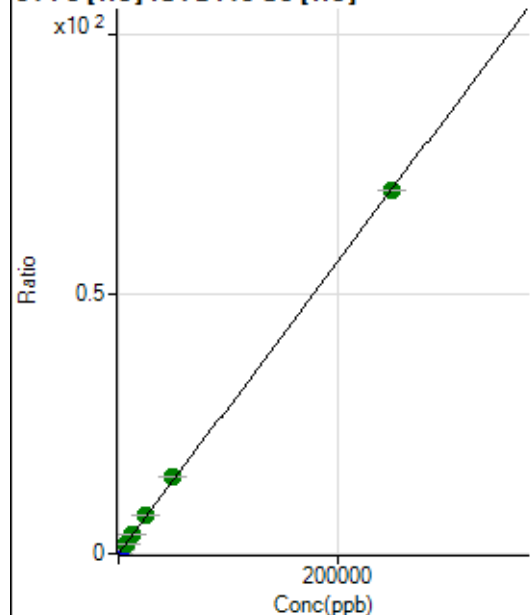
$$DL = 0.05935$$

$$BEC = 0.6133$$

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	2762.50	0.0030	P	4.5
2	☐	50.000	55.666	17128.71	0.0186	P	4.5
3	☐	2500.000	2853.015	732386.52	0.8024	P	0.8
4	☐	6250.000	6868.028	1725185.82	1.9274	A	1.2
5	☐	12500.000	13519.544	3316134.78	3.7912	A	1.2
6	☐	25000.000	26793.738	6470616.15	7.5107	A	0.7
7	☐	50000.000	52694.555	12860507.45	14.7683	A	0.4
8	☐	250000.00	249211.75	58123296.91	69.8338	A	0.1

$$y = 2.8021E-004 * x + 0.0030$$

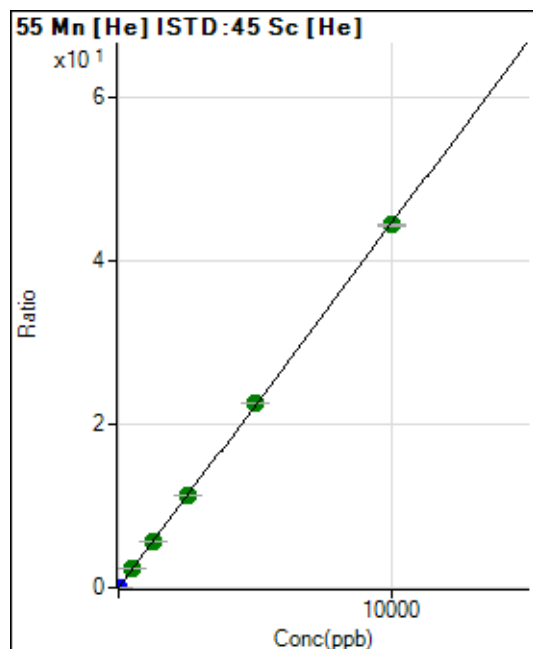
$$R = 0.9999$$

$$DL = 1.422$$

$$BEC = 10.55$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	440.01	0.0005	P	3.3
2	☐	1.000	1.055	4771.91	0.0052	P	5.5
3	☐	500.000	514.670	2091731.98	2.2917	A	1.2
4	☐	1250.000	1266.682	5047792.49	5.6396	A	0.8
5	☐	2500.000	2527.188	9841612.56	11.2513	A	0.6
6	☐	5000.000	5066.841	19433379.99	22.5577	A	0.8
7	☐	10000.000	9956.964	38601711.65	44.3281	A	0.5
8	☐			19368.11	0.0233	P	0.9

$$y = 0.0045 * x + 4.7106E-004$$

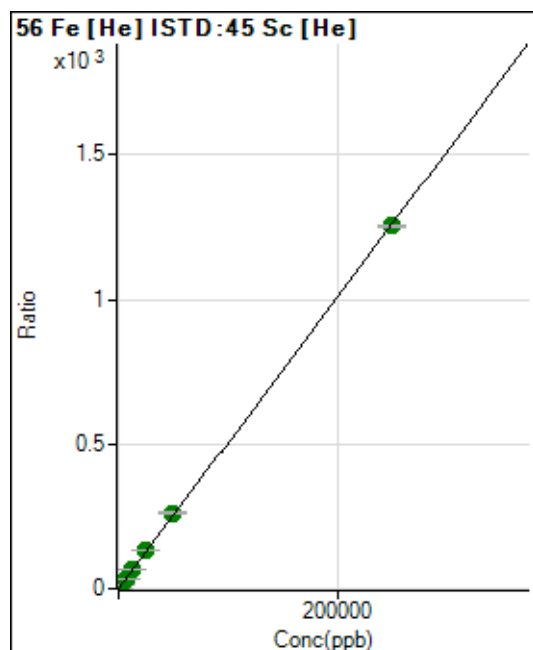
$$R = 1.0000$$

$$DL = 0.01055$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22927.54	0.0245	P	2.3
2	☐	50.000	53.751	272348.39	0.2949	P	2.7
3	☐	2500.000	2724.368	12531476.07	13.7291	A	0.6
4	☐	6250.000	6702.193	30198248.44	33.7390	A	0.9
5	☐	12500.000	13272.806	58423197.46	66.7916	A	0.5
6	☐	25000.000	26705.276	115752089.38	134.3618	A	0.2
7	☐	50000.000	52176.132	228582909.93	262.4894	A	0.3
8	☐	250000.00	249342.05	1043960668.8	1,254.305	A	0.7

$$y = 0.0050 * x + 0.0245$$

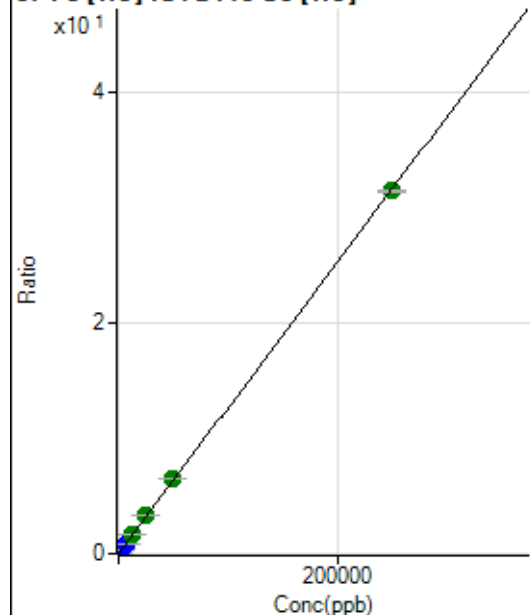
$$R = 0.9999$$

$$DL = 0.3329$$

$$BEC = 4.879$$

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	1537.87	0.0016	P	3.5
2	☐	50.000	54.620	7881.02	0.0085	P	6.1
3	☐	2500.000	2843.174	329001.73	0.3605	P	1.5
4	☐	6250.000	6970.611	788896.93	0.8814	P	0.9
5	☐	12500.000	13468.013	1488253.90	1.7014	A	0.4
6	☐	25000.000	27016.186	2938873.50	3.4113	A	0.3
7	☐	50000.000	51870.949	5702320.96	6.5482	A	0.4
8	☐	250000.00	249354.34	26194285.17	31.4723	A	0.7

$$y = 1.2621\text{E-}004 * x + 0.0016$$

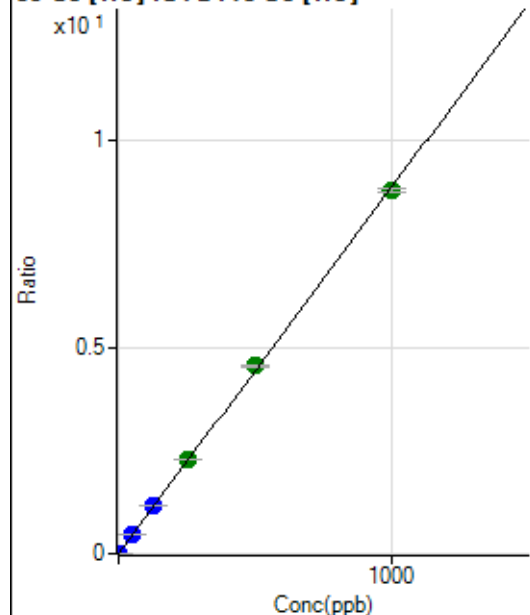
R = 0.9999

DL = 1.373

BEC = 13.05

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	411.12	0.0004	P	3.9
2	☐	1.000	1.001	8598.09	0.0093	P	3.6
3	☐	50.000	52.546	425659.40	0.4664	P	1.0
4	☐	125.000	129.435	1027656.05	1.1481	P	0.2
5	☐	250.000	258.474	2005139.80	2.2923	A	0.7
6	☐	500.000	513.402	3922111.92	4.5528	A	0.9
7	☐	1000.000	990.499	7648512.80	8.7832	A	0.9
8	☐			10457.07	0.0126	P	1.0

$$y = 0.0089 * x + 4.4011\text{E-}004$$

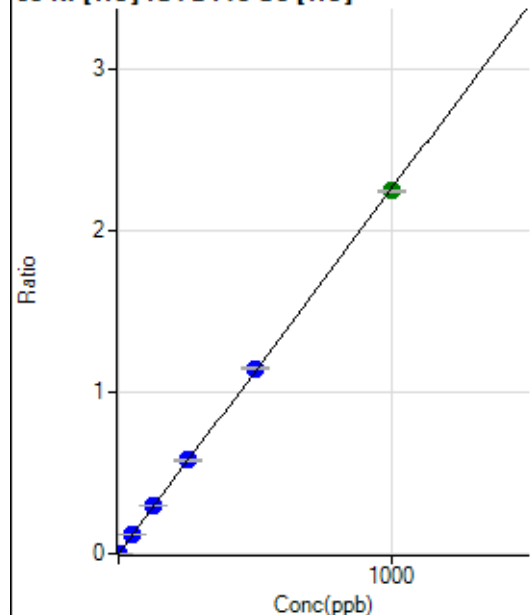
R = 0.9998

DL = 0.005811

BEC = 0.04963

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	540.02	0.0006	P	3.6
2	☐	1.000	1.113	2860.30	0.0031	P	4.7
3	☐	50.000	53.628	111161.36	0.1218	P	0.8
4	☐	125.000	130.675	264877.71	0.2959	P	0.8
5	☐	250.000	255.532	505700.55	0.5781	P	0.4
6	☐	500.000	506.672	987063.24	1.1458	P	1.1
7	☐	1000.000	994.390	1957763.43	2.2481	A	0.7
8	☐			6752.69	0.0081	P	2.2

$$y = 0.0023 * x + 5.7817E-004$$

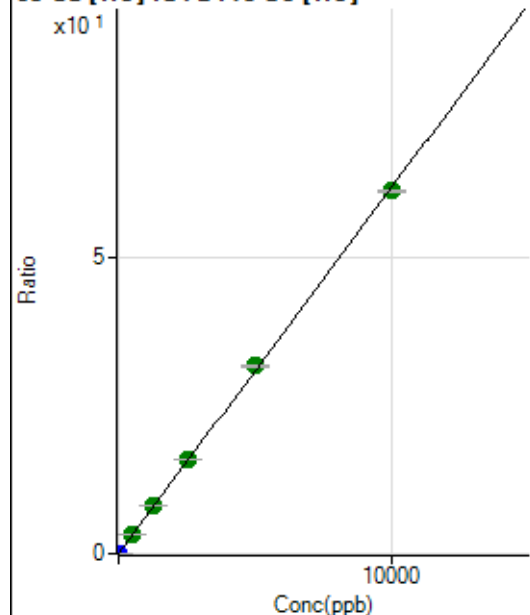
$$R = 0.9999$$

$$DL = 0.02791$$

$$BEC = 0.2558$$

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	1078.94	0.0012	P	2.1
2	☐	2.000	2.020	12600.94	0.0136	P	2.5
3	☐	500.000	535.079	3020682.70	3.3097	A	1.5
4	☐	1250.000	1306.480	7231540.72	8.0795	A	1.2
5	☐	2500.000	2555.683	13823516.18	15.8036	A	0.6
6	☐	5000.000	5135.543	27356917.09	31.7556	A	1.0
7	☐	10000.000	9909.494	53360027.54	61.2742	A	0.7
8	☐			12414.15	0.0149	P	2.0

$$y = 0.0062 * x + 0.0012$$

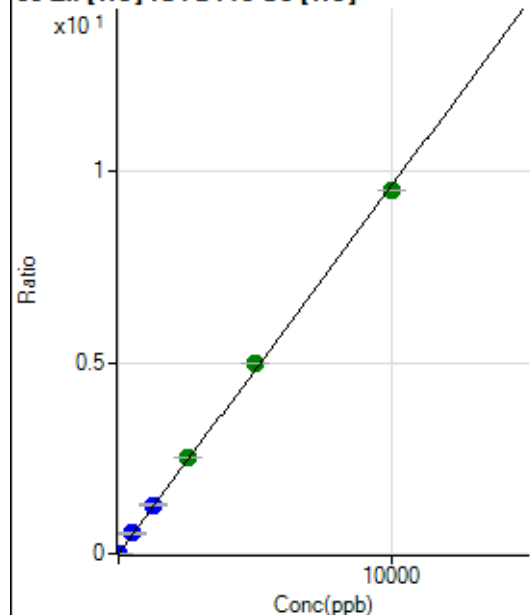
$$R = 0.9998$$

$$DL = 0.01195$$

$$BEC = 0.1868$$

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	1914.58	0.0020	P	2.5
2	☐	2.000	2.395	4025.02	0.0044	P	1.7
3	☐	500.000	549.586	484901.01	0.5313	P	1.9
4	☐	1250.000	1328.679	1147105.19	1.2816	P	0.5
5	☐	2500.000	2623.621	2211808.96	2.5286	A	1.1
6	☐	5000.000	5183.380	4302032.19	4.9937	A	0.6
7	☐	10000.000	9865.090	8274871.48	9.5023	A	0.1
8	☐			11739.13	0.0141	P	0.7

$$y = 9.6302\text{E-}004 * x + 0.0020$$

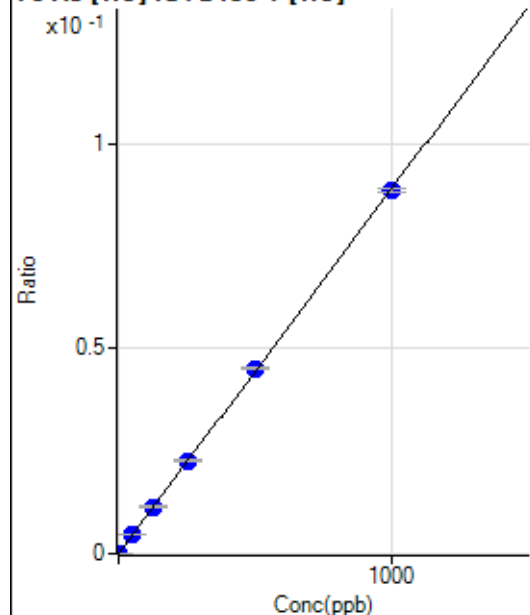
$$R = 0.9997$$

$$DL = 0.1624$$

$$BEC = 2.128$$

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	20.00	0.0000	P	76.9
2	☐	1.000	1.100	663.35	0.0001	P	8.4
3	☐	50.000	52.521	30852.02	0.0047	P	2.1
4	☐	125.000	128.757	74699.97	0.0114	P	1.1
5	☐	250.000	255.345	145539.34	0.0227	P	1.0
6	☐	500.000	506.734	288391.44	0.0450	P	0.8
7	☐	1000.000	994.701	570815.84	0.0884	P	1.2
8	☐			137.78	0.0000	P	17.2

$$y = 8.8855\text{E-}005 * x + 2.9986\text{E-}006$$

$$R = 0.9999$$

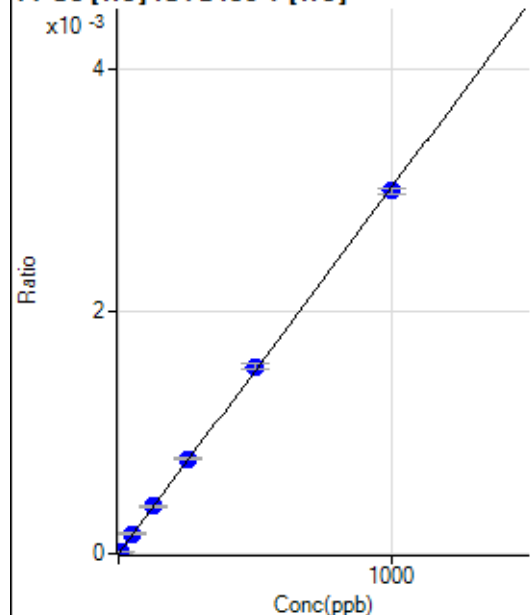
$$DL = 0.07784$$

$$BEC = 0.03375$$

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	1.11	0.0000	P	173.
2	☐	5.000	4.989	100.00	0.0000	P	11.0
3	☐	50.000	53.333	1065.60	0.0002	P	8.6
4	☐	125.000	129.034	2543.58	0.0004	P	4.7
5	☐	250.000	259.882	5034.24	0.0008	P	3.3
6	☐	500.000	511.812	9897.83	0.0015	P	3.3
7	☐	1000.000	990.952	19323.80	0.0030	P	1.6
8	☐			93.34	0.0000	P	16.2

$$y = 3.0194\text{E-}006 * x + 1.6750\text{E-}007$$

$$R = 0.9998$$

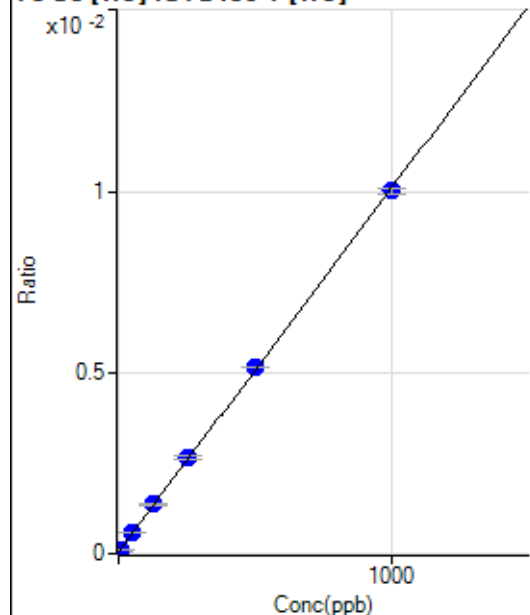
$$DL = 0.2883$$

$$BEC = 0.05548$$

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	330.01	0.0000	P	10.7
2	☐	5.000	4.819	641.13	0.0001	P	7.2
3	☐	50.000	52.938	3837.21	0.0006	P	2.9
4	☐	125.000	130.668	8884.96	0.0014	P	1.2
5	☐	250.000	259.321	17014.32	0.0027	P	2.8
6	☐	500.000	508.579	33019.07	0.0052	P	0.7
7	☐	1000.000	992.526	64679.36	0.0100	P	1.4
8	☐			617.80	0.0001	P	7.8

$$y = 1.0040\text{E-}005 * x + 4.9216\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.571$$

$$BEC = 4.902$$

Weight: <None>

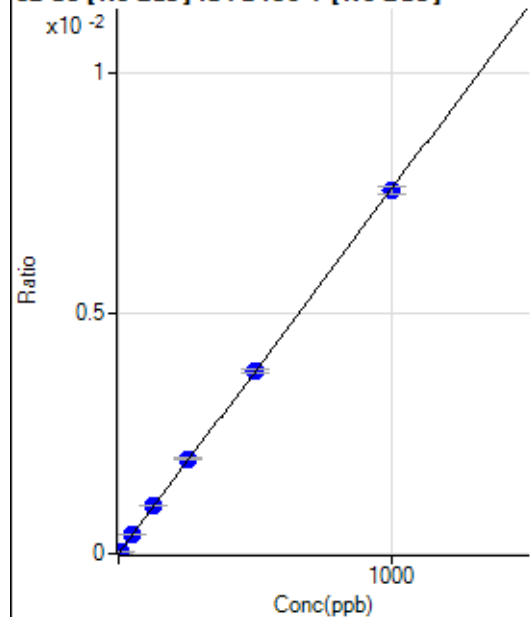
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26688.68		P	3.7
2	☐			26358.16		P	0.7
3	☐			26523.92		P	0.3
4	☐			25866.16		P	1.8
5	☐			25245.08		P	0.4
6	☐			25109.20		P	2.1
7	☐			26125.44		P	0.8
8	☐			28421.91		P	0.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	12.6
2	☐			126.67		P	16.0
3	☐			120.00		P	18.2
4	☐			121.11		P	17.9
5	☐			146.67		P	19.4
6	☐			167.78		P	4.1
7	☐			228.89		P	8.0
8	☐			662.24		P	7.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	143.
2	☐	5.000	5.093	1104.92	0.0000	P	5.4
3	☐	50.000	53.843	11390.43	0.0004	P	1.9
4	☐	125.000	132.465	27691.02	0.0010	P	2.5
5	☐	250.000	260.359	53803.99	0.0020	P	2.2
6	☐	500.000	502.956	104765.63	0.0038	P	2.1
7	☐	1000.000	994.807	207759.54	0.0075	P	2.1
8	☐			1201.10	0.0000	P	5.3

$$y = 7.5766E-006 * x + 8.2143E-007$$

$$R = 0.9999$$

$$DL = 0.465$$

$$BEC = 0.1084$$

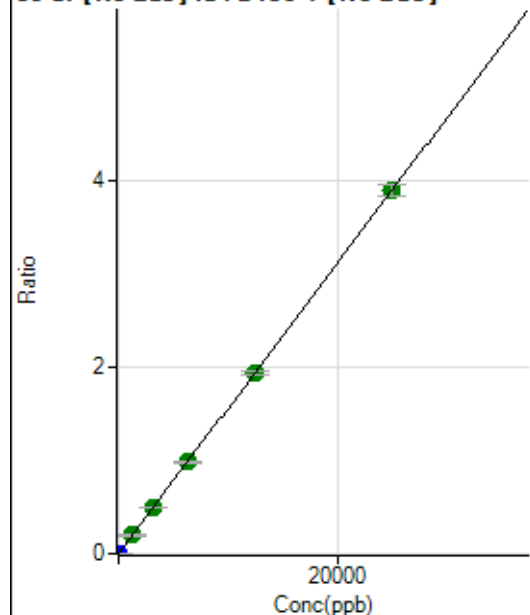
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			198.89		P	9.7
2	☐			184.45		P	13.6
3	☐			198.89		P	13.6
4	☐			227.78		P	20.3
5	☐			224.45		P	0.9
6	☐			265.56		P	5.1
7	☐			260.01		P	11.1
8	☐			283.34		P	13.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0000	P	13.8
2	☐	1.000	0.948	4468.50	0.0002	P	7.3
3	☐	1250.000	1269.855	5505236.31	0.1976	A	2.4
4	☐	3125.000	3184.245	13658831.05	0.4954	A	1.2
5	☐	6250.000	6307.507	26755626.82	0.9814	A	2.1
6	☐	12500.000	12430.576	53158788.65	1.9340	A	2.1
7	☐	25000.000	25011.937	107247077.29	3.8914	A	3.1
8	☐			20760.30	0.0008	P	33.1

$$y = 1.5558\text{E-}004 * x + 1.1899\text{E-}005$$

$$R = 1.0000$$

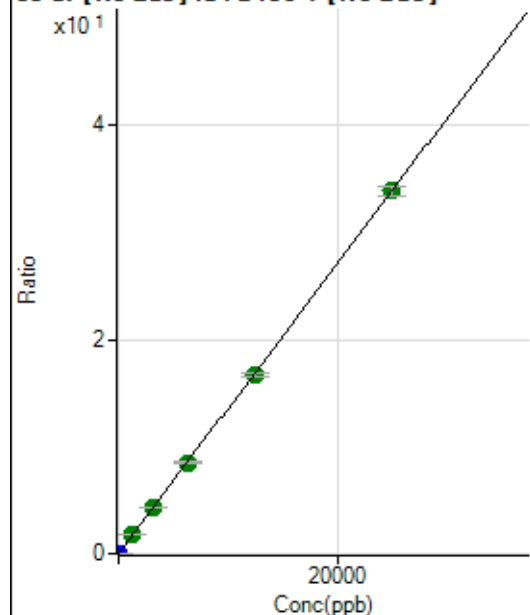
$$DL = 0.03177$$

$$BEC = 0.07648$$

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	288.90	0.0000	P	7.3
2	☐	1.000	0.943	36008.45	0.0013	P	0.9
3	☐	1250.000	1271.119	47860472.62	1.7175	A	0.5
4	☐	3125.000	3174.820	118266629.35	4.2898	A	1.5
5	☐	6250.000	6295.773	231938932.10	8.5068	A	2.1
6	☐	12500.000	12369.633	459394668.71	16.7137	A	2.5
7	☐	25000.000	25046.457	932702270.55	33.8424	A	2.7
8	☐			177155.41	0.0070	P	31.6

$$y = 0.0014 * x + 1.0293\text{E-}005$$

$$R = 1.0000$$

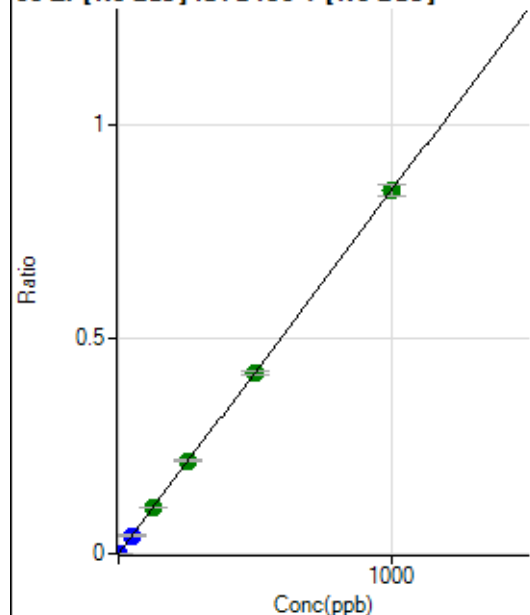
$$DL = 0.001675$$

$$BEC = 0.007618$$

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	1196.73	0.0000	P	4.4
2	☐	1.000	0.868	21804.05	0.0008	P	1.0
3	☐	50.000	50.263	1186648.78	0.0426	P	1.6
4	☐	125.000	127.663	2980291.87	0.1081	A	1.5
5	☐	250.000	256.255	5915552.90	0.2169	A	1.6
6	☐	500.000	497.519	11576632.19	0.4212	A	1.8
7	☐	1000.000	999.331	23314135.21	0.8459	A	3.2
8	☐			12138.48	0.0005	P	12.8

$$y = 8.4644\text{E-}004 * x + 4.2651\text{E-}005$$

$$R = 1.0000$$

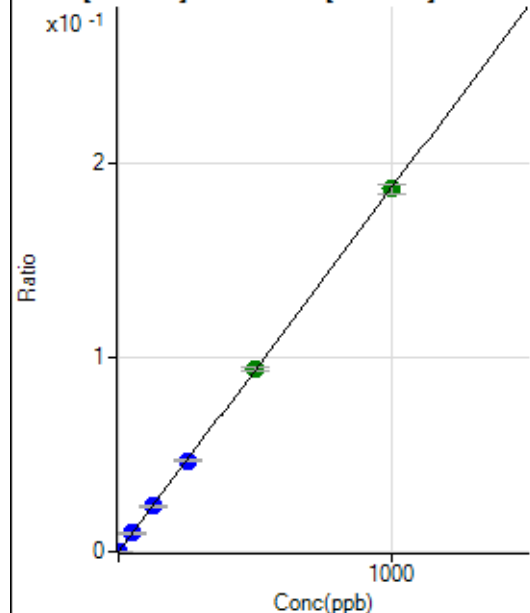
$$DL = 0.006619$$

$$BEC = 0.05039$$

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	192.23	0.0000	P	20.4
2	☐	1.000	0.891	4863.06	0.0002	P	3.3
3	☐	50.000	50.538	263586.58	0.0095	P	1.5
4	☐	125.000	125.144	645510.85	0.0234	P	1.8
5	☐	250.000	250.774	1278969.09	0.0469	P	2.4
6	☐	500.000	504.259	2592659.39	0.0943	A	2.3
7	☐	1000.000	997.632	5143539.58	0.1866	A	2.7
8	☐			2601.37	0.0001	P	18.4

$$y = 1.8704\text{E-}004 * x + 6.8600\text{E-}006$$

$$R = 1.0000$$

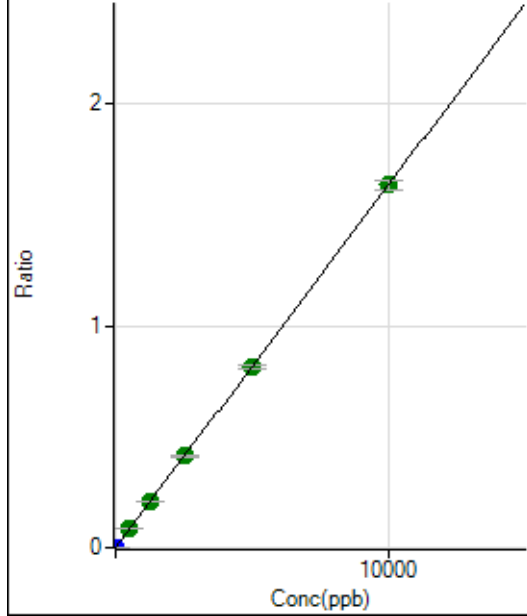
$$DL = 0.02249$$

$$BEC = 0.03668$$

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	406.68	0.0000	P	12.4
2	☐	5.000	5.580	25999.82	0.0009	P	0.7
3	☐	500.000	511.902	2334141.51	0.0838	A	1.7
4	☐	1250.000	1280.798	5777449.85	0.2096	A	2.4
5	☐	2500.000	2528.485	11281472.75	0.4137	A	1.2
6	☐	5000.000	4974.496	22371476.06	0.8139	A	2.2
7	☐	10000.000	10001.186	45100425.44	1.6363	A	2.4
8	☐			13799.05	0.0005	P	21.7

$$y = 1.6361\text{E-}004 * x + 1.4510\text{E-}005$$

$$R = 1.0000$$

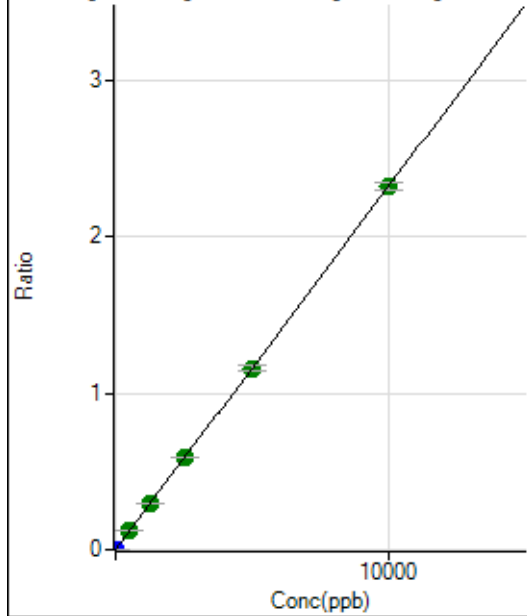
$$DL = 0.03286$$

$$BEC = 0.08868$$

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	194.45	0.0000	P	5.3
2	☐	5.000	4.817	31542.94	0.0011	P	1.6
3	☐	500.000	512.224	3313642.69	0.1189	A	1.7
4	☐	1250.000	1276.742	8171431.06	0.2964	A	1.7
5	☐	2500.000	2536.439	16057107.82	0.5888	A	1.1
6	☐	5000.000	5001.115	31911723.69	1.1610	A	2.2
7	☐	10000.000	9986.379	63898356.82	2.3183	A	2.1
8	☐			15096.00	0.0006	P	25.2

$$y = 2.3215\text{E-}004 * x + 6.9297\text{E-}006$$

$$R = 1.0000$$

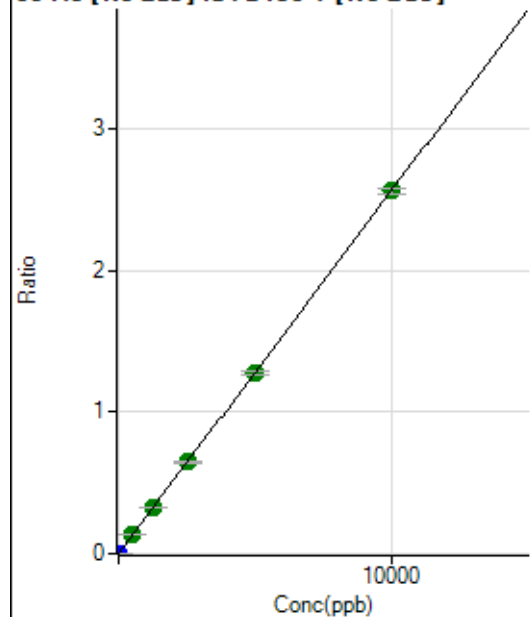
$$DL = 0.004721$$

$$BEC = 0.02985$$

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	286.67	0.0000	P	7.4
2	☐	5.000	4.867	35293.62	0.0013	P	1.0
3	☐	500.000	514.556	3678826.37	0.1320	A	2.2
4	☐	1250.000	1272.354	8999853.75	0.3265	A	2.3
5	☐	2500.000	2534.893	17730561.68	0.6504	A	2.7
6	☐	5000.000	4986.288	35164159.48	1.2793	A	2.4
7	☐	10000.000	9994.611	70680353.95	2.5643	A	1.8
8	☐			32024.57	0.0013	P	15.3

$$y = 2.5657E-004 * x + 1.0227E-005$$

$$R = 1.0000$$

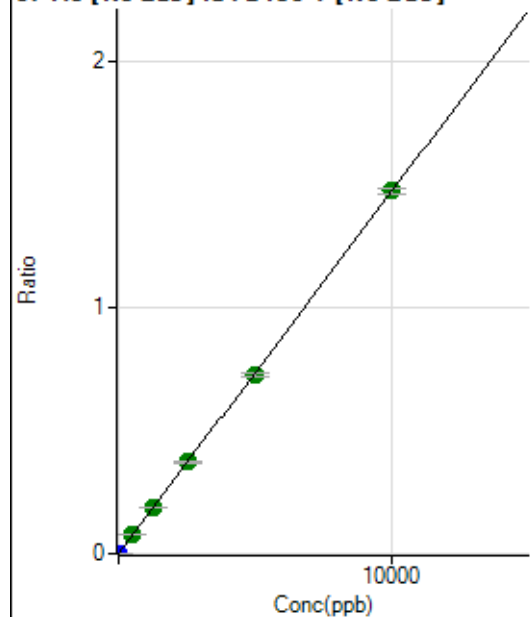
$$DL = 0.008832$$

$$BEC = 0.03986$$

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	114.45	0.0000	P	9.7
2	☐	5.000	4.809	19920.33	0.0007	P	1.1
3	☐	500.000	512.082	2096569.64	0.0752	A	2.1
4	☐	1250.000	1267.531	5134242.53	0.1862	A	1.4
5	☐	2500.000	2530.333	10134180.20	0.3718	A	2.9
6	☐	5000.000	4938.664	19943895.12	0.7256	A	2.4
7	☐	10000.000	10020.289	40577318.56	1.4722	A	1.4
8	☐			9679.00	0.0004	P	27.8

$$y = 1.4692E-004 * x + 4.0829E-006$$

$$R = 1.0000$$

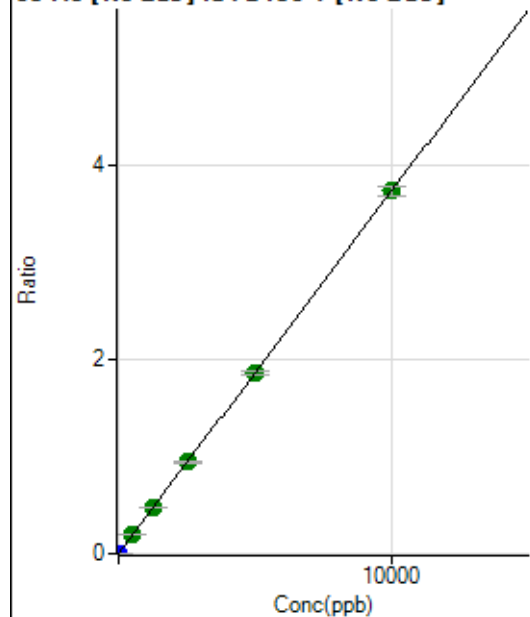
$$DL = 0.008085$$

$$BEC = 0.02779$$

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	276.67	0.0000	P	6.6
2	☐	5.000	4.827	50880.42	0.0018	P	0.5
3	☐	500.000	511.721	5331835.92	0.1914	A	1.6
4	☐	1250.000	1261.732	13006710.92	0.4718	A	2.0
5	☐	2500.000	2519.948	25688286.56	0.9423	A	2.4
6	☐	5000.000	4971.981	51101655.35	1.8591	A	1.9
7	☐	10000.000	10006.970	103131266.24	3.7418	A	2.4
8	☐			23623.71	0.0009	P	30.0

$$y = 3.7392\text{E-}004 * x + 9.8611\text{E-}006$$

$$R = 1.0000$$

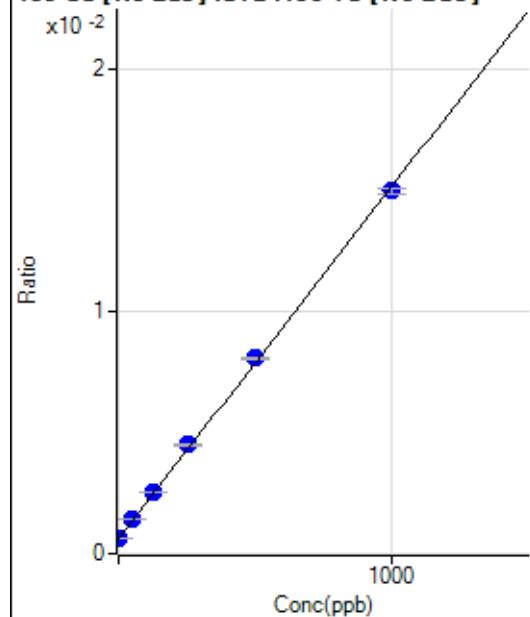
$$DL = 0.005254$$

$$BEC = 0.02637$$

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	14440.60	0.0006	P	3.5
2	☐	1.000	0.609	14638.59	0.0006	P	3.4
3	☐	50.000	54.545	32569.84	0.0014	P	1.0
4	☐	125.000	133.376	59158.66	0.0026	P	1.3
5	☐	250.000	266.221	102212.77	0.0045	P	2.2
6	☐	500.000	512.653	186429.50	0.0081	P	1.3
7	☐	1000.000	988.344	350064.38	0.0150	P	1.8
8	☐			13031.50	0.0006	P	1.6

$$y = 1.4536\text{E-}005 * x + 6.2242\text{E-}004$$

$$R = 0.9997$$

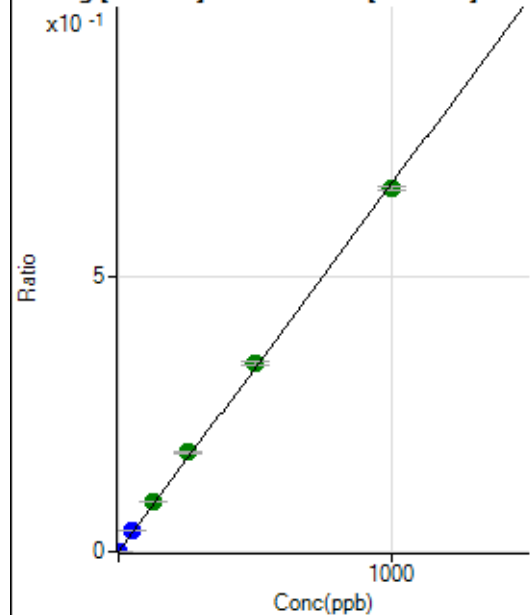
$$DL = 4.527$$

$$BEC = 42.82$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0000	P	1.5
2	☐	1.000	1.023	16005.59	0.0007	P	3.1
3	☐	50.000	55.557	856100.71	0.0372	P	1.3
4	☐	125.000	135.497	2095541.30	0.0907	A	0.5
5	☐	250.000	270.906	4126941.95	0.1814	A	1.7
6	☐	500.000	513.455	7936998.63	0.3438	A	1.9
7	☐	1000.000	986.456	15424230.60	0.6605	A	1.1
8	☐			6559.35	0.0003	P	14.2

$$y = 6.6952E-004 * x + 5.1249E-006$$

$$R = 0.9996$$

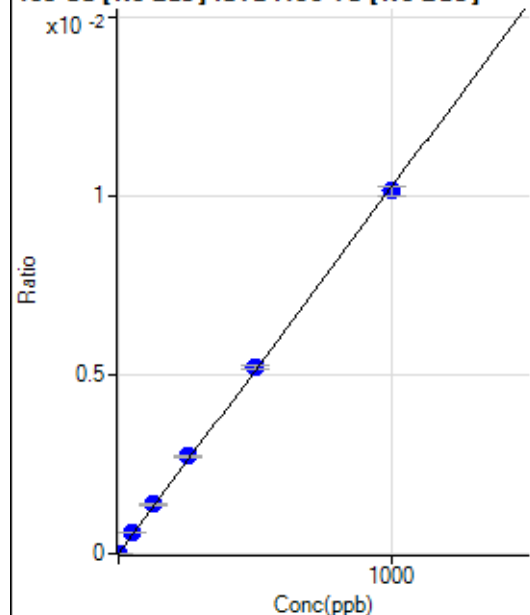
$$DL = 0.0003494$$

$$BEC = 0.007655$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	59.0
2	☐	1.000	1.015	278.90	0.0000	P	21.4
3	☐	50.000	55.856	13229.47	0.0006	P	2.1
4	☐	125.000	133.884	31775.92	0.0014	P	0.9
5	☐	250.000	265.804	62112.16	0.0027	P	1.4
6	☐	500.000	509.672	120810.27	0.0052	P	1.7
7	☐	1000.000	989.810	237283.07	0.0102	P	2.4
8	☐			212.22	0.0000	P	10.7

$$y = 1.0263E-005 * x + 1.6223E-006$$

$$R = 0.9998$$

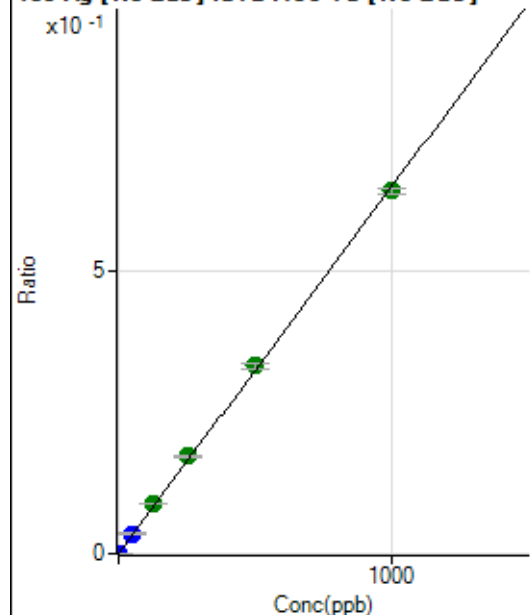
$$DL = 0.2798$$

$$BEC = 0.1581$$

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	45.56	0.0000	P	29.8
2	☐	1.000	1.019	15360.47	0.0007	P	2.2
3	☐	50.000	54.770	816505.94	0.0355	P	1.2
4	☐	125.000	134.978	2019640.73	0.0874	A	1.0
5	☐	250.000	265.738	3917014.56	0.1721	A	1.2
6	☐	500.000	511.160	7645009.61	0.3311	A	2.1
7	☐	1000.000	989.000	14961771.02	0.6407	A	1.8
8	☐			6299.23	0.0003	P	15.9

$$y = 6.4779\text{E-}004 * x + 1.9608\text{E-}006$$

$$R = 0.9997$$

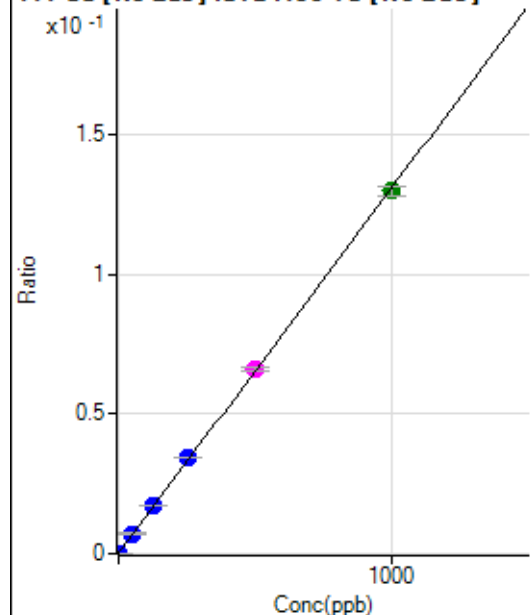
$$DL = 0.002705$$

$$BEC = 0.003027$$

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	2938.34	0.0001	P	3.9
2	☐	1.000	1.044	6100.69	0.0003	P	3.2
3	☐	50.000	54.164	165837.19	0.0072	P	1.3
4	☐	125.000	131.681	400490.42	0.0173	P	1.2
5	☐	250.000	262.673	784115.82	0.0345	P	1.6
6	☐	500.000	505.676	1529001.95	0.0662	M	2.4
7	☐	1000.000	992.950	3034003.12	0.1299	A	2.6
8	☐			4092.30	0.0002	P	3.5

$$y = 1.3071\text{E-}004 * x + 1.2665\text{E-}004$$

$$R = 0.9999$$

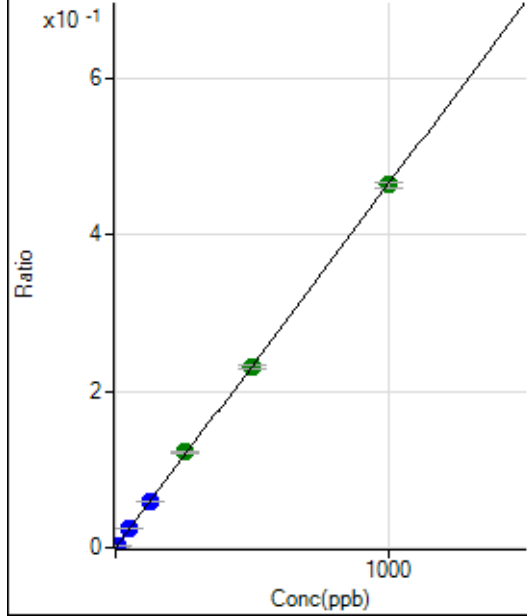
$$DL = 0.1147$$

$$BEC = 0.969$$

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	2103.56	0.0001	P	9.5
2	☐	5.000	4.805	53910.36	0.0023	P	1.2
3	☐	50.000	51.960	557966.56	0.0242	P	0.9
4	☐	125.000	127.707	1373405.21	0.0595	P	1.3
5	☐	250.000	262.552	2779470.24	0.1221	A	1.0
6	☐	500.000	497.774	5344787.11	0.2315	A	2.3
7	☐	1000.000	997.540	10832111.72	0.4638	A	1.9
8	☐			7268.57	0.0003	P	7.4

$$y = 4.6489\text{E-}004 * x + 9.0708\text{E-}005$$

$$R = 0.9999$$

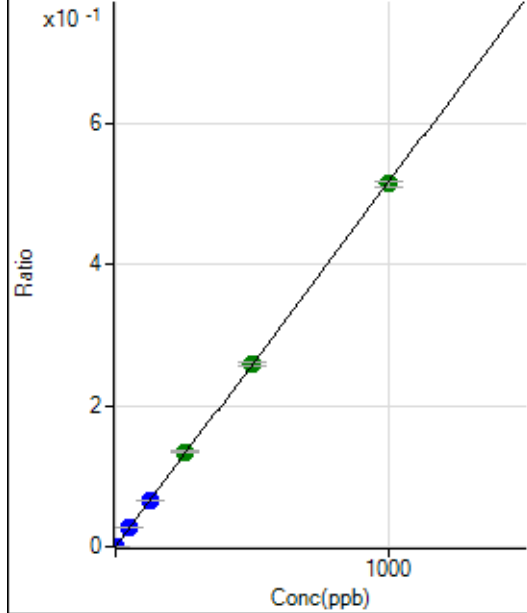
$$DL = 0.05584$$

$$BEC = 0.1951$$

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	246.67	0.0000	P	3.9
2	☐	2.000	1.893	22962.83	0.0010	P	1.0
3	☐	50.000	51.563	614194.18	0.0267	P	0.9
4	☐	125.000	126.139	1507754.41	0.0653	P	1.6
5	☐	250.000	260.579	3068096.59	0.1348	A	1.3
6	☐	500.000	503.617	6016428.87	0.2606	A	2.1
7	☐	1000.000	995.326	12027277.74	0.5150	A	1.3
8	☐			7809.95	0.0004	P	5.2

$$y = 5.1741\text{E-}004 * x + 1.0634\text{E-}005$$

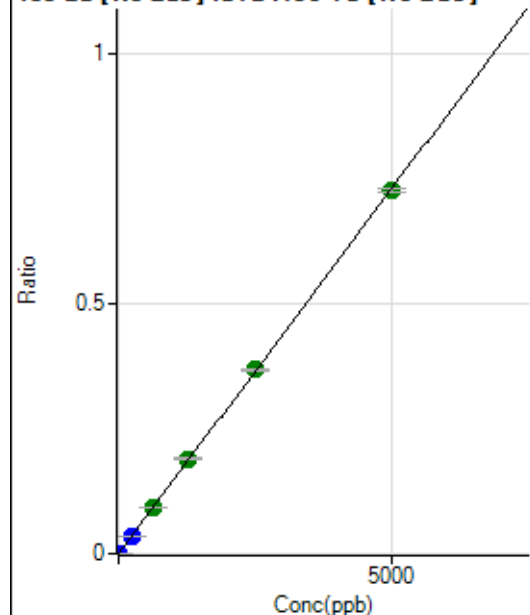
$$R = 0.9999$$

$$DL = 0.002427$$

$$BEC = 0.02055$$

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	165.56	0.0000	P	8.3
2	☐	10.000	9.128	31003.76	0.0013	P	1.1
3	☐	250.000	248.483	833206.27	0.0362	P	1.4
4	☐	625.000	635.689	2139211.70	0.0926	A	1.2
5	☐	1250.000	1299.688	4308471.29	0.1893	A	1.3
6	☐	2500.000	2525.395	8494618.97	0.3679	A	1.0
7	☐	5000.000	4973.622	16921741.00	0.7246	A	1.2
8	☐			10170.38	0.0005	P	8.3

$$y = 1.4568\text{E-}004 * x + 7.1361\text{E-}006$$

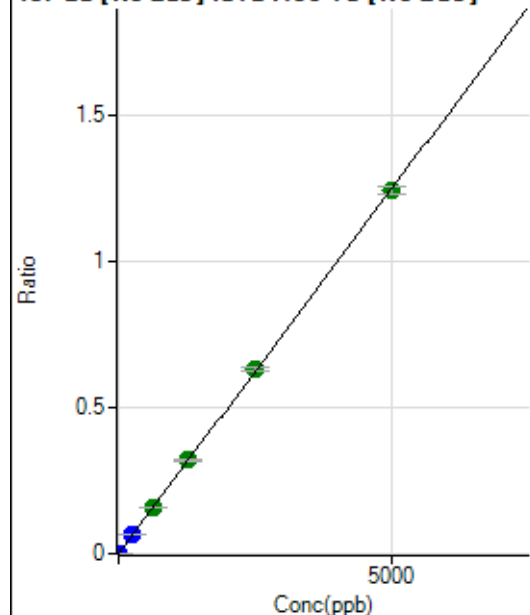
$$R = 0.9999$$

$$DL = 0.01221$$

$$BEC = 0.04898$$

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	283.34	0.0000	P	14.4
2	☐	10.000	9.274	54025.42	0.0023	P	0.7
3	☐	250.000	253.347	1457035.15	0.0633	P	0.4
4	☐	625.000	639.822	3693008.66	0.1599	A	1.5
5	☐	1250.000	1285.828	7309995.86	0.3213	A	2.2
6	☐	2500.000	2526.178	14573542.28	0.6312	A	1.9
7	☐	5000.000	4975.935	29036652.07	1.2433	A	2.2
8	☐			17953.75	0.0009	P	10.3

$$y = 2.4987\text{E-}004 * x + 1.2224\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02107$$

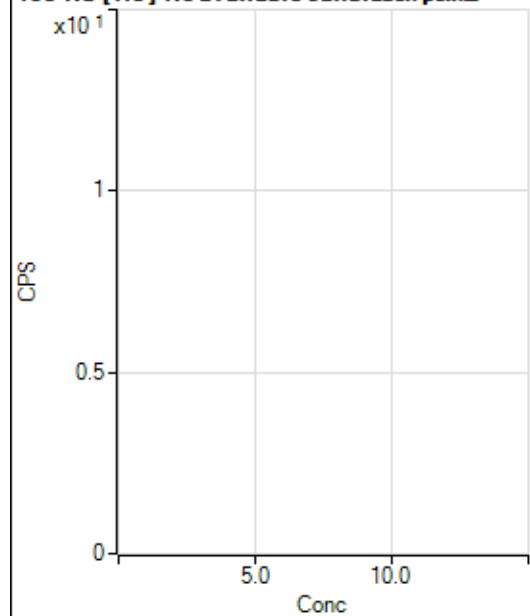
$$BEC = 0.04892$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	50.8
2	☐			16.67		P	60.0
3	☐			150.01		P	19.3
4	☐			193.34		P	13.5
5	☐			398.90		P	10.1
6	☐			857.81		P	5.3
7	☐			1606.77		P	0.4
8	☐			455.57		P	2.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			8.89		P	57.3
3	☐			21.11		P	39.7
4	☐			62.22		P	21.7
5	☐			106.67		P	22.5
6	☐			198.89		P	25.2
7	☐			384.45		P	6.6
8	☐			288.90		P	0.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	39.8
2	☐			24.44		P	34.3
3	☐			76.67		P	4.4
4	☐			162.23		P	15.1
5	☐			282.23		P	8.7
6	☐			532.24		P	1.9
7	☐			1015.60		P	8.1
8	☐			3534.93		P	4.1

156 Dy [He] No available calibration points

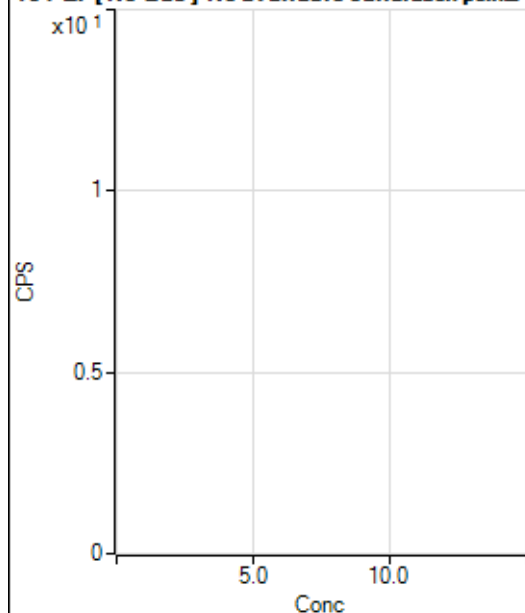
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	28.6
2	☐			25.56		P	39.8
3	☐			61.11		P	30.0
4	☐			151.11		P	25.6
5	☐			300.01		P	14.6
6	☐			511.13		P	4.9
7	☐			1151.17		P	3.7
8	☐			2359.12		P	5.0

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

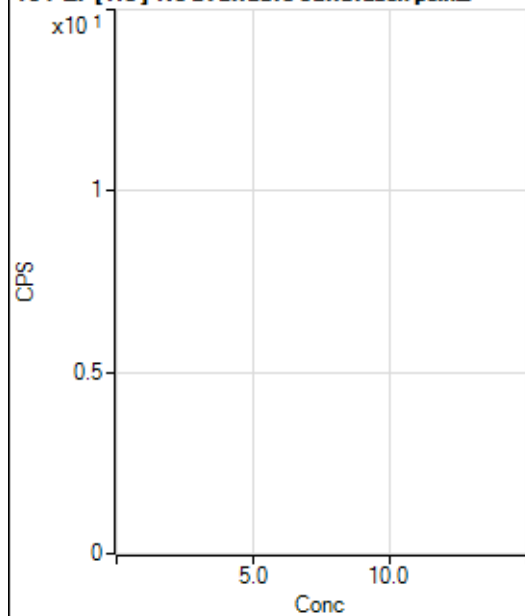
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			257.79		P	6.1
2	☐			264.45		P	14.5
3	☐			283.34		P	13.1
4	☐			330.01		P	2.7
5	☐			425.57		P	8.7
6	☐			622.24		P	3.3
7	☐			1030.05		P	9.7
8	☐			4206.23		P	2.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			852.26		P	2.2
2	☐			870.04		P	8.5
3	☐			924.49		P	5.1
4	☐			894.48		P	3.8
5	☐			964.49		P	6.7
6	☐			1104.50		P	0.7
7	☐			1337.86		P	5.3
8	☐			3454.91		P	3.7

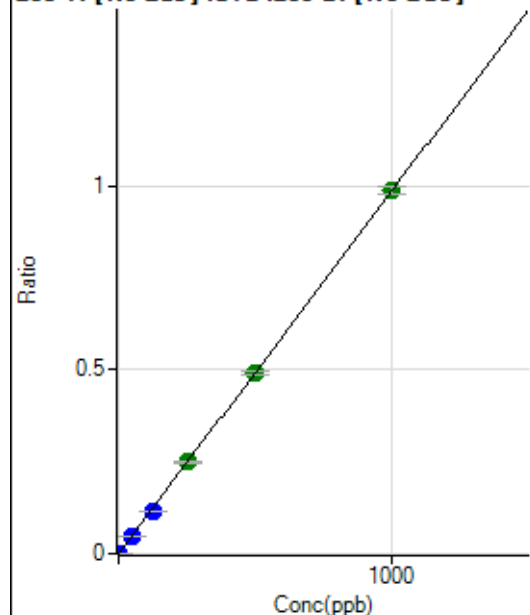
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			177.78		P	18.8
2	☐			154.45		P	20.4
3	☐			157.78		P	19.2
4	☐			198.89		P	14.3
5	☐			220.01		P	6.9
6	☐			266.67		P	13.2
7	☐			403.34		P	5.2
8	☐			517.79		P	7.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	25.0
2	☐			95.56		P	10.7
3	☐			115.56		P	10.9
4	☐			121.11		P	34.4
5	☐			146.67		P	25.8
6	☐			146.67		P	8.2
7	☐			245.56		P	13.3
8	☐			341.12		P	4.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	558.90	0.0000	P	4.7
2	☐	1.000	0.872	12005.37	0.0009	P	1.1
3	☐	50.000	46.855	611924.25	0.0462	P	0.4
4	☐	125.000	116.517	1522395.90	0.1149	P	1.0
5	☐	250.000	252.518	3271008.67	0.2491	A	2.9
6	☐	500.000	498.011	6405355.95	0.4911	A	1.6
7	☐	1000.000	1001.583	12716008.98	0.9877	A	2.0
8	☐			3352.69	0.0003	P	25.1

$$y = 9.8611\text{E-}004 * x + 4.1864\text{E-}005$$

$$R = 1.0000$$

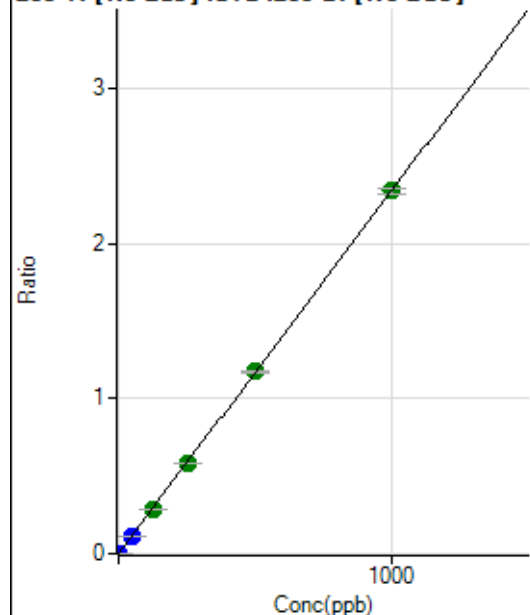
$$DL = 0.006003$$

$$BEC = 0.04245$$

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	1314.52	0.0001	P	1.7
2	☐	1.000	0.867	28299.52	0.0021	P	0.7
3	☐	50.000	47.347	1465245.79	0.1107	P	1.4
4	☐	125.000	123.545	3825160.57	0.2888	A	1.5
5	☐	250.000	248.947	7643287.11	0.5818	A	1.6
6	☐	500.000	501.023	15270215.46	1.1709	A	1.7
7	☐	1000.000	1000.066	30088410.66	2.3371	A	1.9
8	☐			7842.43	0.0007	P	24.8

$$y = 0.0023 * x + 9.8476\text{E-}005$$

$$R = 1.0000$$

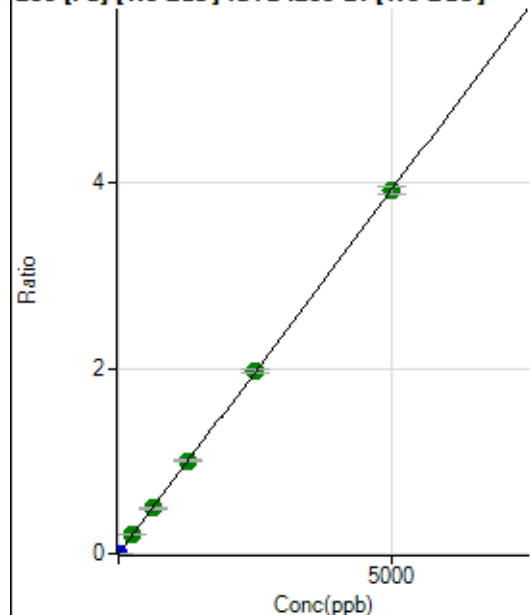
$$DL = 0.002101$$

$$BEC = 0.04214$$

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	1187.84	0.0001	P	7.1
2	☐	1.000	0.878	10351.79	0.0008	P	0.6
3	☐	250.000	253.517	2630719.04	0.1988	A	0.8
4	☐	625.000	623.635	6475840.67	0.4889	A	1.7
5	☐	1250.000	1276.036	13140148.69	1.0003	A	1.2
6	☐	2500.000	2508.667	25645926.00	1.9665	A	1.9
7	☐	5000.000	4989.153	50351985.92	3.9109	A	2.2
8	☐			26817.85	0.0025	P	11.7

$$y = 7.8387\text{E-}004 * x + 8.9014\text{E-}005$$

$$R = 1.0000$$

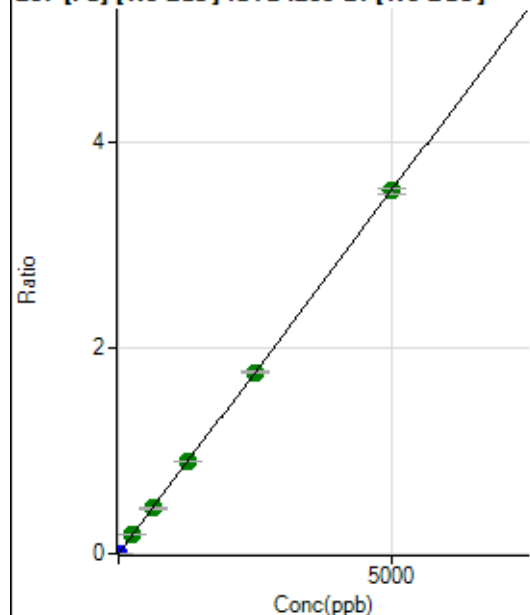
$$DL = 0.02406$$

$$BEC = 0.1136$$

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	1037.83	0.0001	P	5.1
2	☐	1.000	0.872	9226.56	0.0007	P	3.2
3	☐	250.000	255.469	2386864.74	0.1804	A	2.7
4	☐	625.000	626.697	5859163.94	0.4424	A	2.5
5	☐	1250.000	1271.216	11786056.21	0.8973	A	1.6
6	☐	2500.000	2499.585	23009591.88	1.7643	A	1.5
7	☐	5000.000	4994.418	45384554.88	3.5251	A	1.4
8	☐			23310.24	0.0022	P	9.9

$$y = 7.0580\text{E-}004 * x + 7.7772\text{E-}005$$

$$R = 1.0000$$

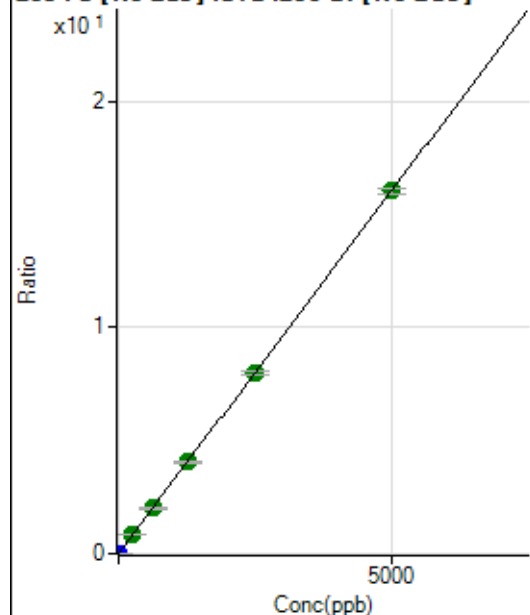
$$DL = 0.01682$$

$$BEC = 0.1102$$

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	4860.40	0.0004	P	5.6
2	☐	1.000	0.875	42255.13	0.0032	P	0.9
3	☐	250.000	255.181	10844737.37	0.8196	A	1.6
4	☐	625.000	623.360	26509590.37	2.0015	A	2.0
5	☐	1250.000	1267.189	53438053.10	4.0684	A	1.3
6	☐	2500.000	2488.863	104207786.50	7.9904	A	1.9
7	☐	5000.000	5001.217	206711008.03	16.0558	A	1.6
8	☐			107426.84	0.0102	P	10.4

$$y = 0.0032 * x + 3.6418E-004$$

$$R = 1.0000$$

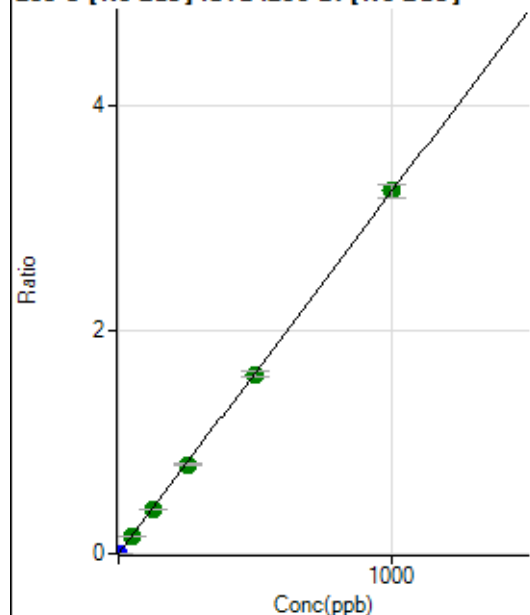
$$DL = 0.01906$$

$$BEC = 0.1134$$

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	1413.42	0.0001	P	3.4
2	☐	1.000	0.844	37716.60	0.0028	P	1.4
3	☐	50.000	49.035	2097792.97	0.1586	A	2.4
4	☐	125.000	122.125	5228434.57	0.3947	A	1.0
5	☐	250.000	245.506	10422830.40	0.7934	A	1.6
6	☐	500.000	496.865	20939053.44	1.6057	A	3.0
7	☐	1000.000	1003.099	41729972.99	3.2415	A	3.4
8	☐			8840.97	0.0008	P	29.5

$$y = 0.0032 * x + 1.0589E-004$$

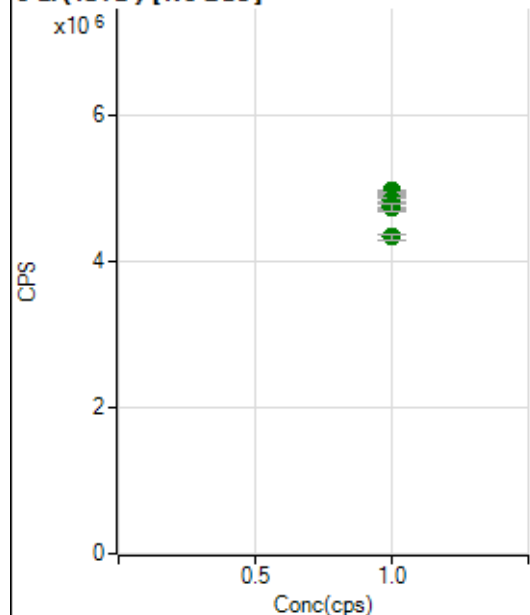
$$R = 1.0000$$

$$DL = 0.003311$$

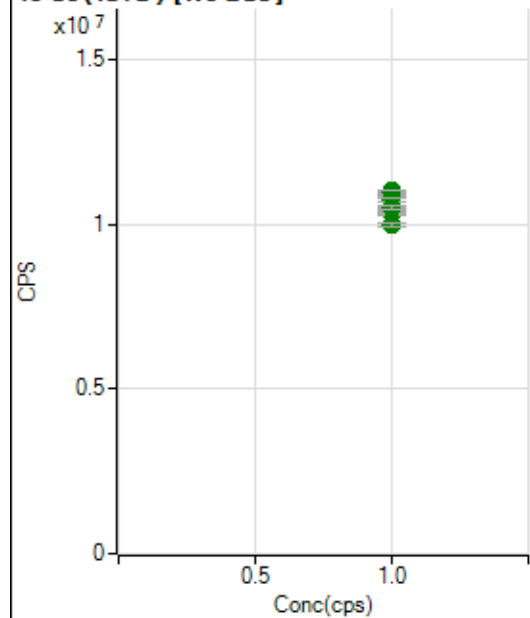
$$BEC = 0.03277$$

Weight: <None>

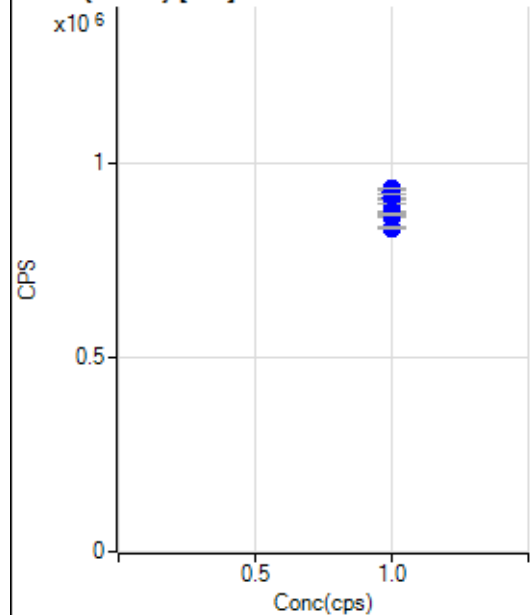
Min Conc: 0

6 Li (ISTD) [No Gas]

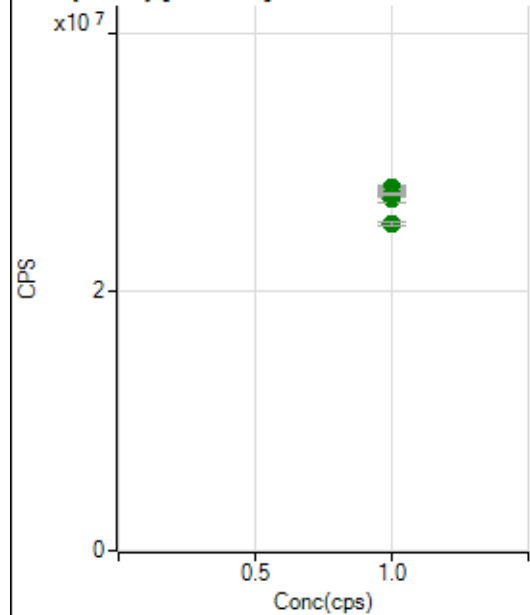
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4923179.33		A	1.8
2	☐	1.000		4962010.45		A	0.8
3	☐	1.000		4936911.11		A	0.7
4	☐	1.000		4838435.10		A	0.7
5	☐	1.000		4762858.61		A	1.0
6	☐	1.000		4750258.96		A	1.8
7	☐	1.000		4739016.42		A	1.9
8	☐	1.000		4336473.58		A	1.7

45 Sc (ISTD) [No Gas]

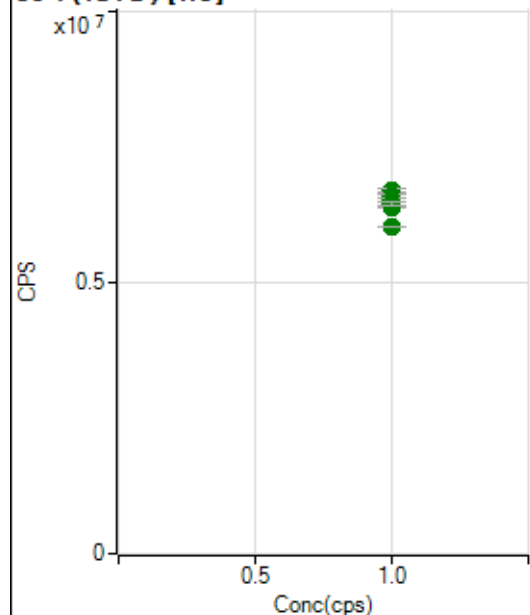
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11009804.56		A	0.6
2	☐	1.000		10930905.81		A	0.7
3	☐	1.000		10950586.09		A	1.2
4	☐	1.000		10733471.92		A	1.1
5	☐	1.000		10326225.05		A	1.4
6	☐	1.000		10429284.01		A	1.4
7	☐	1.000		10491351.99		A	1.4
8	☐	1.000		9994630.41		A	1.2

45 Sc (ISTD) [He]

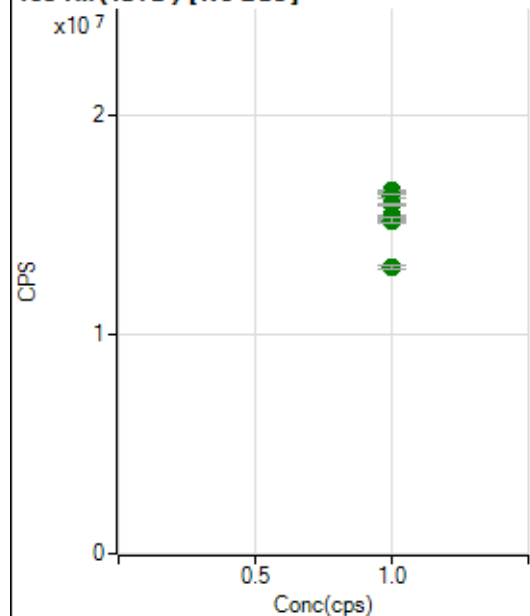
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		934092.01		P	0.4
2	☐	1.000		923905.87		P	2.9
3	☐	1.000		912807.91		P	1.4
4	☐	1.000		895068.93		P	0.3
5	☐	1.000		874706.62		P	0.4
6	☐	1.000		861500.69		P	0.5
7	☐	1.000		870825.11		P	0.5
8	☐	1.000		832312.88		P	0.5

89 Y (ISTD) [No Gas]

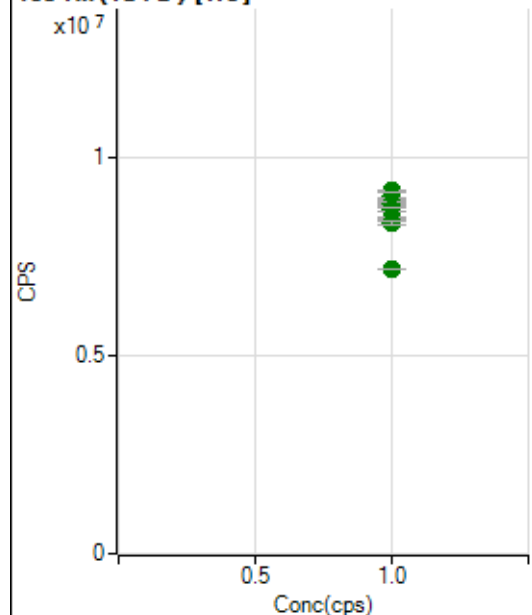
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28047737.63		A	1.3
2	☐	1.000		28034885.97		A	0.2
3	☐	1.000		27866697.92		A	0.9
4	☐	1.000		27571648.20		A	0.8
5	☐	1.000		27274816.54		A	2.8
6	☐	1.000		27488584.31		A	0.5
7	☐	1.000		27563855.70		A	0.9
8	☐	1.000		25200756.01		A	1.2

89 Y(ISTD) [He]

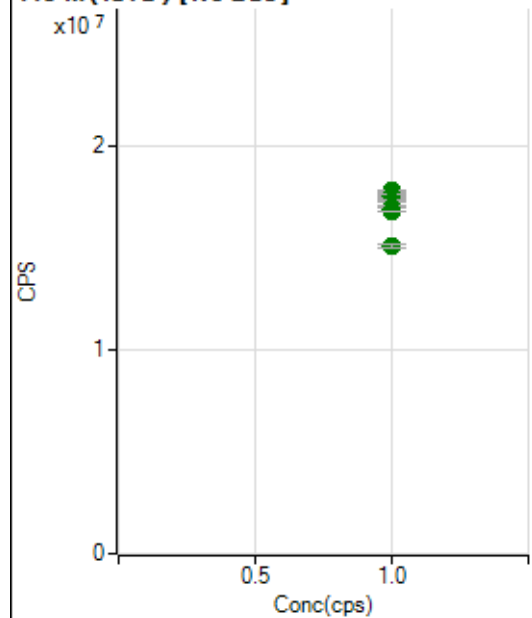
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6700643.58		A	1.0
2	☐	1.000		6575438.65		A	2.1
3	☐	1.000		6607548.31		A	1.0
4	☐	1.000		6528103.24		A	1.1
5	☐	1.000		6413652.33		A	0.5
6	☐	1.000		6404550.25		A	0.3
7	☐	1.000		6458770.74		A	1.4
8	☐	1.000		6031881.16		A	0.2

103 Rh(ISTD) [No Gas]

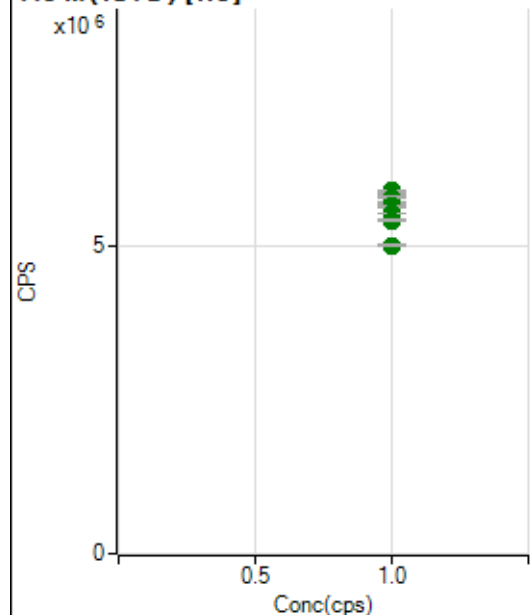
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16559824.75		A	0.2
2	☐	1.000		16553233.37		A	0.7
3	☐	1.000		16320715.45		A	0.7
4	☐	1.000		15950211.98		A	0.6
5	☐	1.000		15426025.60		A	0.4
6	☐	1.000		15241949.49		A	0.4
7	☐	1.000		15220790.19		A	1.4
8	☐	1.000		13035882.17		A	1.3

103 Rh (ISTD) [He]

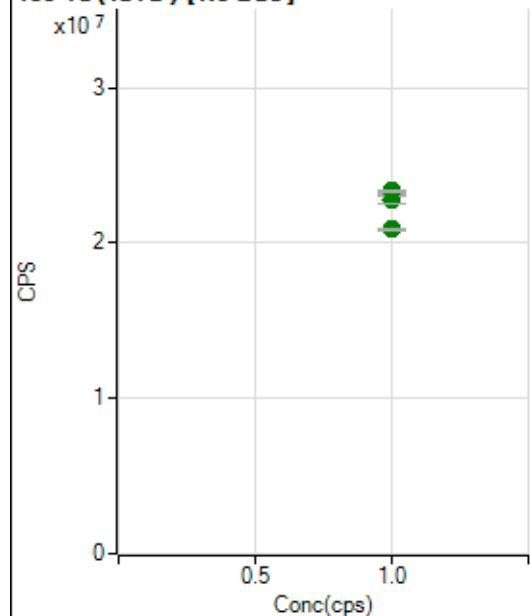
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9149576.88		A	0.6
2	☐	1.000		9035674.87		A	2.2
3	☐	1.000		8893478.48		A	1.6
4	☐	1.000		8827947.99		A	0.9
5	☐	1.000		8689313.20		A	0.8
6	☐	1.000		8479013.07		A	0.6
7	☐	1.000		8344442.79		A	0.8
8	☐	1.000		7185583.92		A	0.4

115 In (ISTD) [No Gas]

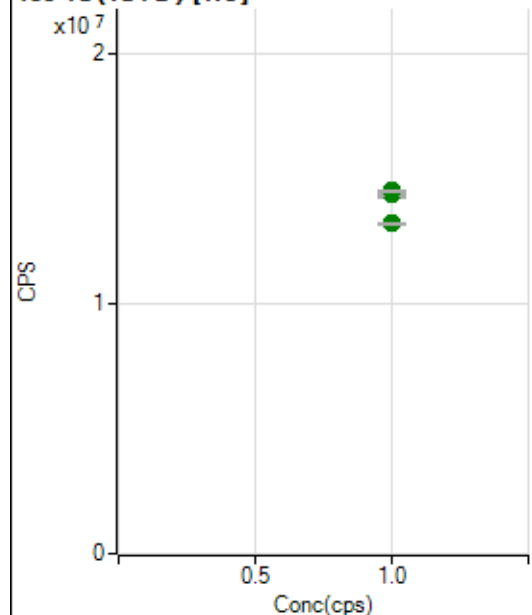
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17804867.54		A	0.8
2	☐	1.000		17533471.75		A	0.7
3	☐	1.000		17543736.39		A	1.0
4	☐	1.000		17299120.95		A	0.6
5	☐	1.000		16899899.18		A	1.7
6	☐	1.000		17002257.79		A	0.7
7	☐	1.000		16802877.87		A	0.3
8	☐	1.000		15106198.55		A	1.1

115 In (ISTD) [He]

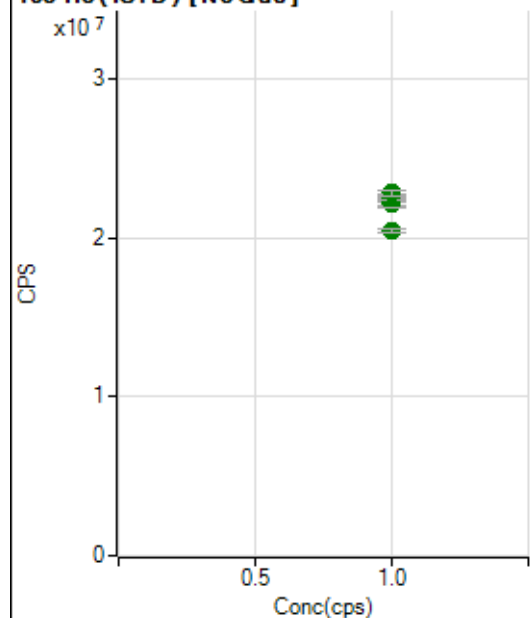
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5883568.79		A	0.2
2	☐	1.000		5764372.54		A	2.0
3	☐	1.000		5775499.27		A	0.4
4	☐	1.000		5650679.28		A	0.4
5	☐	1.000		5621279.87		A	0.7
6	☐	1.000		5516096.16		A	0.4
7	☐	1.000		5408965.73		A	1.0
8	☐	1.000		4999042.07		A	0.3

159 Tb (ISTD) [No Gas]

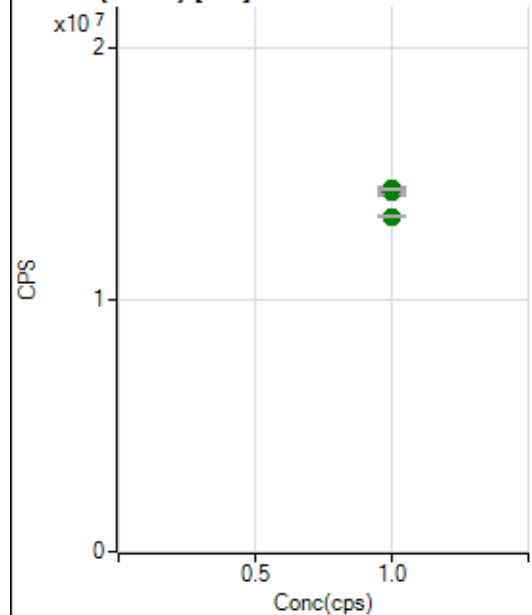
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23199052.15		A	1.0
2	☐	1.000		23192273.26		A	0.8
3	☐	1.000		23012514.66		A	0.1
4	☐	1.000		23098119.38		A	0.3
5	☐	1.000		22757579.66		A	1.8
6	☐	1.000		23089106.32		A	0.4
7	☐	1.000		23354118.54		A	0.3
8	☐	1.000		20879617.19		A	0.4

159 Tb (ISTD) [He]

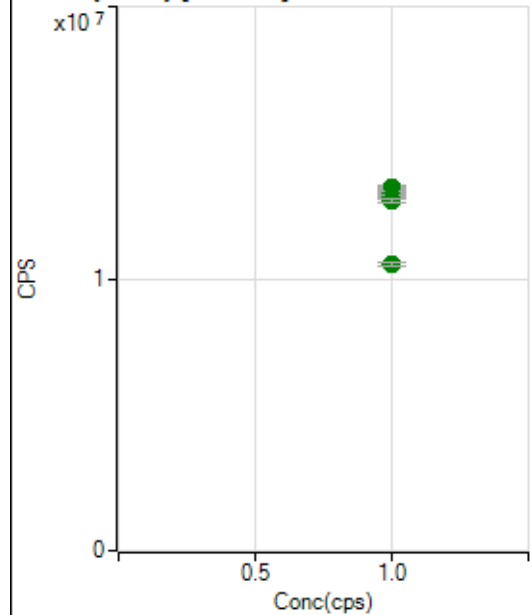
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14430212.01		A	1.0
2	☐	1.000		14399467.98		A	2.2
3	☐	1.000		14505019.37		A	0.3
4	☐	1.000		14402722.28		A	0.8
5	☐	1.000		14431082.01		A	0.4
6	☐	1.000		14399630.20		A	0.6
7	☐	1.000		14532652.98		A	0.8
8	☐	1.000		13226481.05		A	0.4

165 Ho (ISTD) [No Gas]

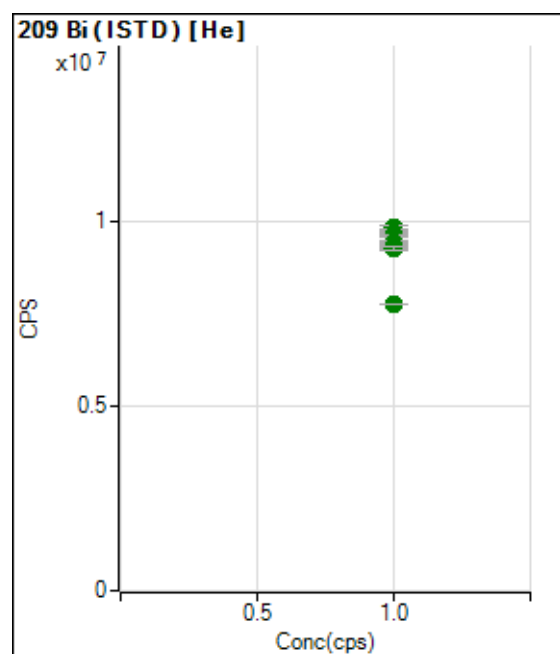
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22571512.72		A	0.9
2	☐	1.000		22290226.06		A	0.2
3	☐	1.000		22437824.39		A	1.3
4	☐	1.000		22196162.73		A	1.6
5	☐	1.000		22073193.28		A	2.2
6	☐	1.000		22480779.39		A	1.0
7	☐	1.000		22803134.66		A	1.6
8	☐	1.000		20376389.56		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14347099.51		A	0.3
2	☐	1.000		14300013.81		A	2.5
3	☐	1.000		14311375.48		A	0.2
4	☐	1.000		14345828.68		A	1.1
5	☐	1.000		14402299.65		A	1.1
6	☐	1.000		14278174.09		A	0.8
7	☐	1.000		14395887.98		A	0.5
8	☐	1.000		13298558.27		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13349558.69		A	1.1
2	☐	1.000		13315572.86		A	0.8
3	☐	1.000		13232276.33		A	0.9
4	☐	1.000		13245894.25		A	0.9
5	☐	1.000		13136783.97		A	1.7
6	☐	1.000		13042768.97		A	1.1
7	☐	1.000		12875433.84		A	0.7
8	☐	1.000		10551441.09		A	1.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9836278.32		A	1.4
2	☐	1.000		9707736.52		A	2.1
3	☐	1.000		9661728.05		A	1.3
4	☐	1.000		9633035.21		A	0.8
5	☐	1.000		9460344.23		A	0.1
6	☐	1.000		9323207.02		A	1.3
7	☐	1.000		9288013.89		A	1.1
8	☐	1.000		7776632.66		A	0.2