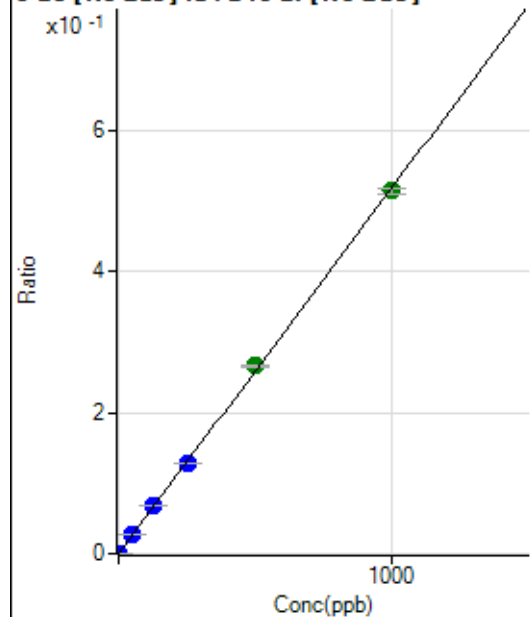


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8112522 MS.b\
Analysis File: P8112522 MS.batch.bin
DA Date-Time: 2022-11-26 00:08:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-11-25 15:56:15
2	005CALS.d	S02	2022-11-25 15:59:23
3	006CALS.d	S03	2022-11-25 16:02:34
4	007CALS.d	S04	2022-11-25 16:05:40
5	008CALS.d	S05	2022-11-25 16:08:49
6	009CALS.d	S06	2022-11-25 16:11:55
7	010CALS.d	S07	2022-11-25 16:15:04
8	011CALS.d	S08	2022-11-25 16:18:10

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.75	0.0000	P	63.2
2	☐	1.000	1.017	3440.40	0.0005	P	3.7
3	☐	50.000	51.713	175831.09	0.0268	P	1.9
4	☐	125.000	130.273	437235.24	0.0674	P	1.6
5	☐	250.000	247.590	853001.48	0.1281	P	1.3
6	☐	500.000	513.351	1725216.99	0.2656	A	1.7
7	☐	1000.000	993.182	3351894.67	0.5138	A	1.5
8	☐			521.61	0.0001	P	9.7

$$y = 5.1731\text{E-}004 * x + 5.9315\text{E-}006$$

$$R = 0.9999$$

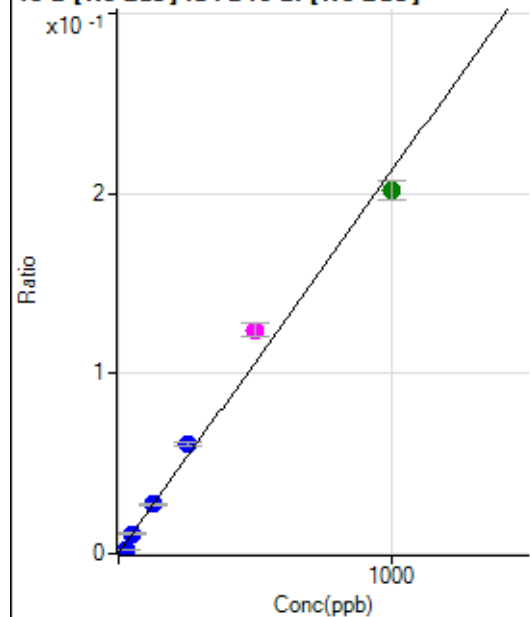
$$DL = 0.02174$$

$$BEC = 0.01147$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1143.16	0.0002	P	7.4
2	☐	25.000	7.812	11838.47	0.0018	P	4.3
3	☐	50.000	51.479	72909.87	0.0111	P	3.8
4	☐	125.000	127.576	176621.18	0.0272	P	4.7
5	☐	250.000	285.271	404135.40	0.0607	P	3.1
6	☐	500.000	585.084	806813.64	0.1243	M	6.3
7	☐	1000.000	948.674	1313167.94	0.2014	A	5.4
8	☐			79865.94	0.0129	P	9.2

$$y = 2.1207\text{E-}004 * x + 1.7405\text{E-}004$$

$$R = 0.9930$$

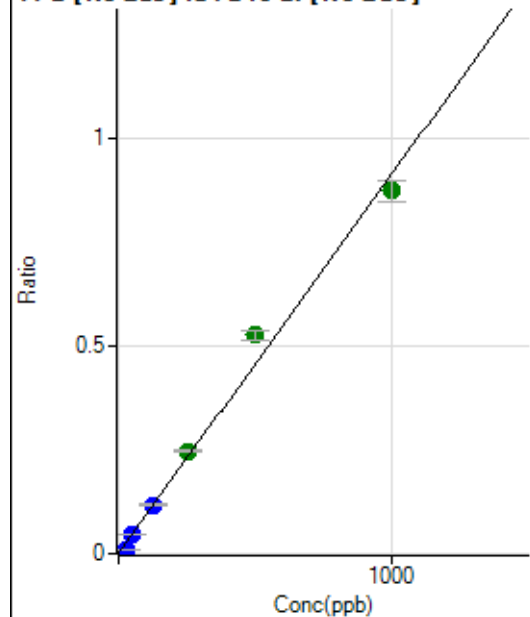
$$DL = 0.183$$

$$BEC = 0.8207$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4761.18	0.0007	P	3.9
2	☐	25.000	7.889	51220.18	0.0079	P	3.1
3	☐	50.000	51.544	313802.69	0.0477	P	3.2
4	☐	125.000	128.189	763121.12	0.1176	P	4.4
5	☐	250.000	269.363	1641362.73	0.2464	A	1.6
6	☐	500.000	575.857	3416680.18	0.5260	A	4.8
7	☐	1000.000	957.183	5698802.76	0.8738	A	5.8
8	☐			344226.69	0.0555	P	8.0

$$y = 9.1210E-004 * x + 7.2455E-004$$

$$R = 0.9949$$

$$DL = 0.09242$$

$$BEC = 0.7944$$

Weight: <None>

Min Conc: 0

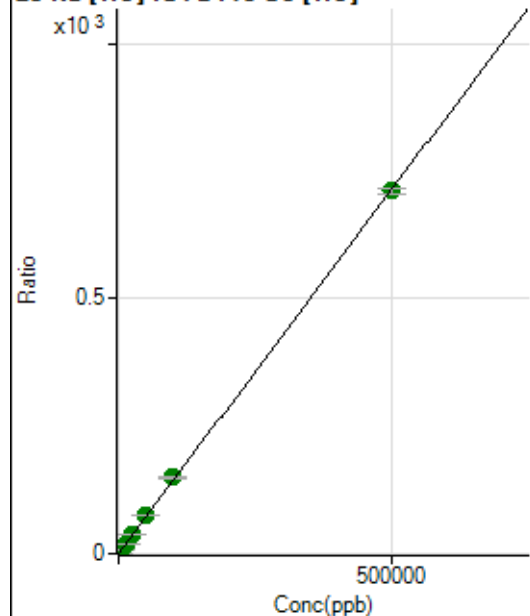
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3825301.82		A	0.6
2	☐			4446776.97		A	0.2
3	☐			4920197.38		A	1.8
4	☐			5087232.06		A	1.3
5	☐			5004685.36		A	2.0
6	☐			5160041.95		A	1.7
7	☐			6025935.94		A	3.4
8	☐			5451414.62		A	3.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46864.28		P	1.2
2	☐			54325.93		P	0.8
3	☐			61579.48		P	1.2
4	☐			62812.42		P	0.6
5	☐			62207.53		P	1.2
6	☐			66595.57		P	1.1
7	☐			78820.29		P	1.0
8	☐			77981.84		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17216.04	0.0670	P	2.1
2	☐	500.000	466.581	188941.93	0.7328	P	1.0
3	☐	5000.000	5249.317	1956565.30	7.5578	A	1.1
4	☐	12500.000	13180.135	4896935.05	18.8751	A	3.3
5	☐	25000.000	26351.516	9673629.12	37.6707	A	3.6
6	☐	50000.000	53458.526	19598811.38	76.3525	A	0.2
7	☐	100000.00	105302.55	39951397.42	150.3341	A	2.6
8	☐	500000.00	498506.59	196843448.8	711.4378	A	1.7

$$y = 0.0014 * x + 0.0670$$

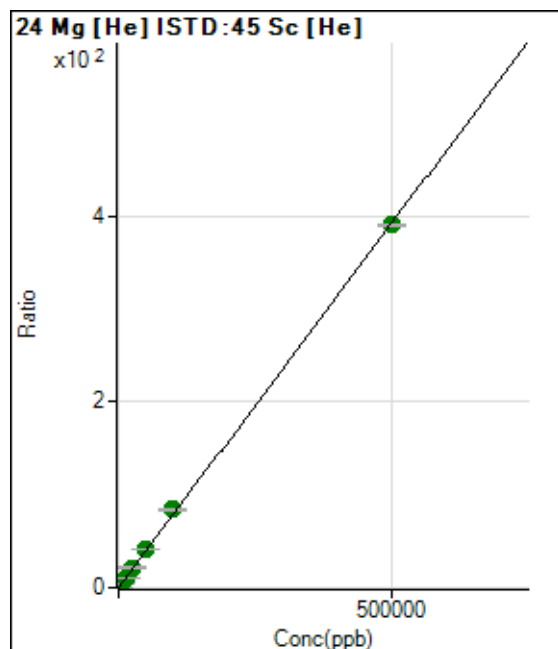
$$R = 0.9999$$

$$DL = 2.909$$

$$BEC = 46.93$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.56	0.0009	P	8.8
2	☐	500.000	479.433	97101.59	0.3766	P	0.8
3	☐	5000.000	5480.000	1112008.09	4.2951	A	1.1
4	☐	12500.000	13627.468	2770701.47	10.6796	A	3.3
5	☐	25000.000	27408.886	5515785.63	21.4790	A	2.5
6	☐	50000.000	53556.656	10772340.52	41.9688	A	1.4
7	☐	100000.00	107459.46	22377319.43	84.2079	A	2.3
8	☐	500000.00	497999.03	107963855.8	390.2412	A	0.9

$$y = 7.8362\text{E-}004 * x + 8.9714\text{E-}004$$

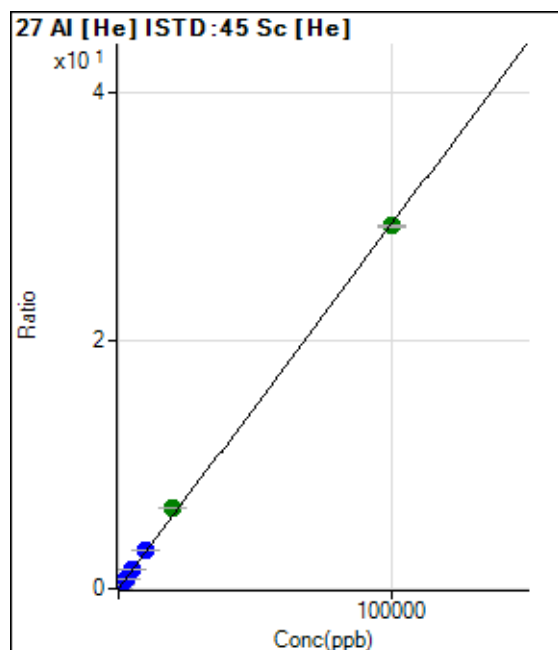
$$R = 0.9999$$

$$DL = 0.3025$$

$$BEC = 1.145$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	124.99	0.0005	P	8.6
2	☐	20.000	19.160	1574.89	0.0061	P	2.3
3	☐	1000.000	1114.104	84758.87	0.3274	P	1.1
4	☐	2500.000	2666.780	203111.55	0.7829	P	2.5
5	☐	5000.000	5315.817	400639.81	1.5601	P	2.5
6	☐	10000.000	10480.537	789436.68	3.0754	P	0.5
7	☐	20000.000	22126.779	1725438.91	6.4924	A	1.4
8	☐	100000.00	99505.489	8076878.84	29.1949	A	0.5

$$y = 2.9339\text{E-}004 * x + 4.8631\text{E-}004$$

$$R = 0.9998$$

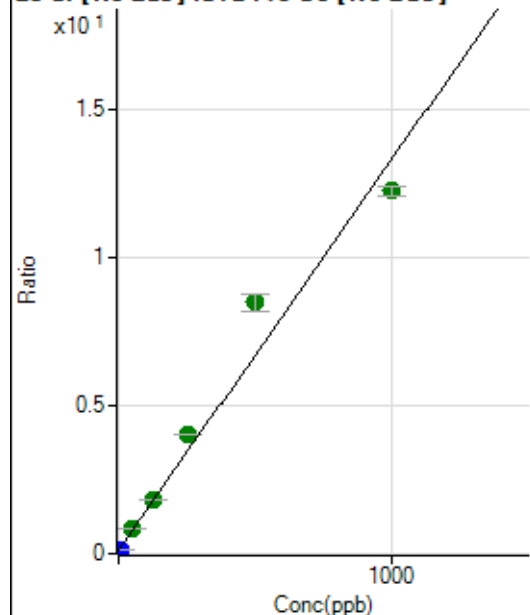
$$DL = 0.4267$$

$$BEC = 1.658$$

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	737319.67	0.1102	P	0.6
2	☐	10.000	1.161	832154.74	0.1255	P	2.2
3	☐	50.000	55.253	5749266.97	0.8403	A	0.5
4	☐	125.000	129.145	12422123.19	1.8167	A	2.7
5	☐	250.000	296.691	27611461.38	4.0307	A	1.4
6	☐	500.000	634.813	56276404.04	8.4986	A	6.5
7	☐	1000.000	920.228	86062890.81	12.2701	A	2.5
8	☐			1243390.23	0.1778	A	3.1

$$y = 0.0132 * x + 0.1102$$

$$R = 0.9840$$

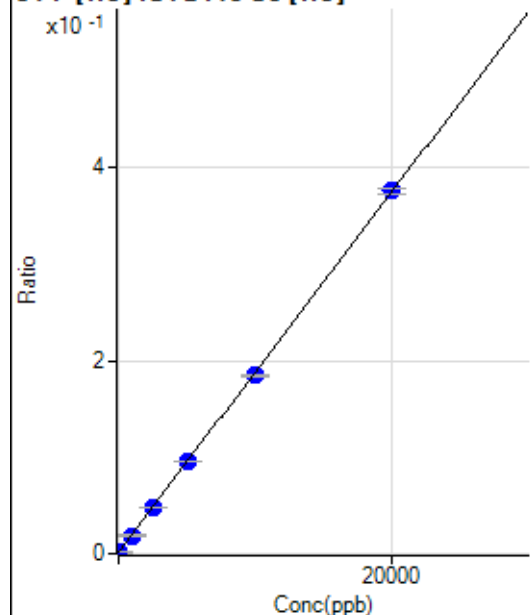
$$DL = 0.1438$$

$$BEC = 8.336$$

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	-12.236	227.79	0.0009	P	18.1
2	☐	0.000	12.236	347.24	0.0013	P	21.7
3	☐	1000.000	952.715	4900.93	0.0189	P	4.0
4	☐	2500.000	2529.325	12558.58	0.0484	P	1.1
5	☐	5000.000	5065.777	24610.26	0.0958	P	1.5
6	☐	10000.000	9830.642	47467.43	0.1849	P	0.7
7	☐	20000.000	20066.933	100013.71	0.3763	P	1.9
8	☐			352.79	0.0013	P	19.7

$$y = 1.8698E-005 * x + 0.0011$$

$$R = 0.9999$$

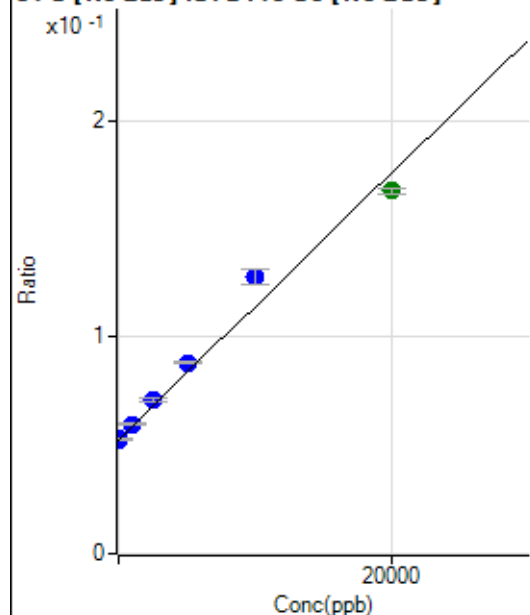
$$DL = 36.28$$

$$BEC = 59.61$$

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	-34.260	351767.21	0.0526	P	0.3
2	☐	0.000	34.260	351258.36	0.0530	P	2.2
3	☐	1000.000	1108.324	407590.79	0.0596	P	1.2
4	☐	2500.000	2997.967	486797.78	0.0712	P	2.8
5	☐	5000.000	5753.972	603716.37	0.0881	P	0.9
6	☐	10000.000	12203.135	846485.39	0.1278	P	5.1
7	☐	20000.000	18642.277	1173946.25	0.1674	A	1.7
8	☐			300311.97	0.0429	P	1.6

$$y = 6.1472\text{E-}006 * x + 0.0528$$

$$R = 0.9894$$

$$DL = 323.1$$

$$BEC = 8583$$

Weight: <None>

Min Conc: 0

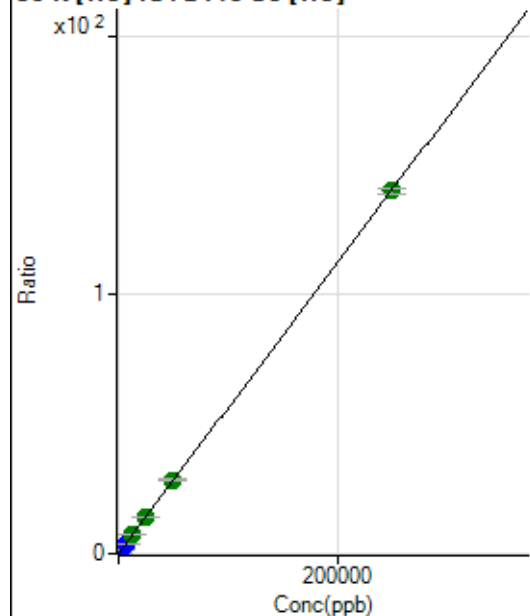
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114458.79		P	0.4
2	☐			172019.98		P	1.0
3	☐			173972.40		P	1.0
4	☐			174133.13		P	0.6
5	☐			173042.14		P	1.6
6	☐			174779.18		P	0.1
7	☐			180144.77		P	0.7
8	☐			183767.91		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1041.74		P	15.3
2	☐			1541.79		P	3.3
3	☐			1508.45		P	6.8
4	☐			1530.68		P	12.9
5	☐			1550.12		P	5.6
6	☐			1466.78		P	1.5
7	☐			1572.35		P	8.6
8	☐			1697.37		P	12.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20857.20	0.0811	P	1.3
2	☐	500.000	442.299	84788.43	0.3289	P	0.6
3	☐	2500.000	2450.043	376357.04	1.4535	P	0.7
4	☐	6250.000	6192.219	920946.80	3.5497	P	1.5
5	☐	12500.000	12740.210	1853489.80	7.2175	A	1.7
6	☐	25000.000	25015.383	3618494.66	14.0935	A	3.4
7	☐	50000.000	50662.763	7562737.93	28.4598	A	2.1
8	☐	250000.00	249855.95	38747125.52	140.0376	A	1.9

$$y = 5.6015E-004 * x + 0.0811$$

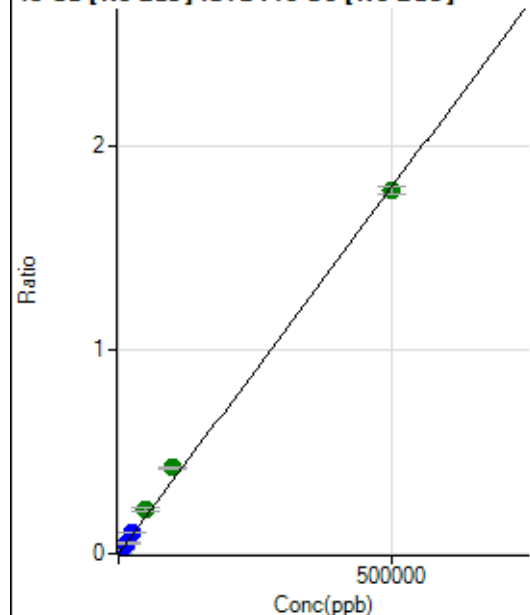
$$R = 1.0000$$

$$DL = 5.518$$

$$BEC = 144.8$$

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	269.97	0.0000	P	29.2
2	☐	500.000	450.222	10994.08	0.0017	P	1.2
3	☐	5000.000	5761.509	141881.97	0.0207	P	2.1
4	☐	12500.000	14336.999	352528.68	0.0516	P	2.0
5	☐	25000.000	28126.857	692483.07	0.1011	P	1.0
6	☐	50000.000	60395.786	1437421.85	0.2170	A	5.8
7	☐	100000.00	117176.02	2953097.22	0.4210	A	3.2
8	☐	500000.00	495315.38	12446234.97	1.7796	A	2.0

$$y = 3.5928\text{E-}006 * x + 4.0303\text{E-}005$$

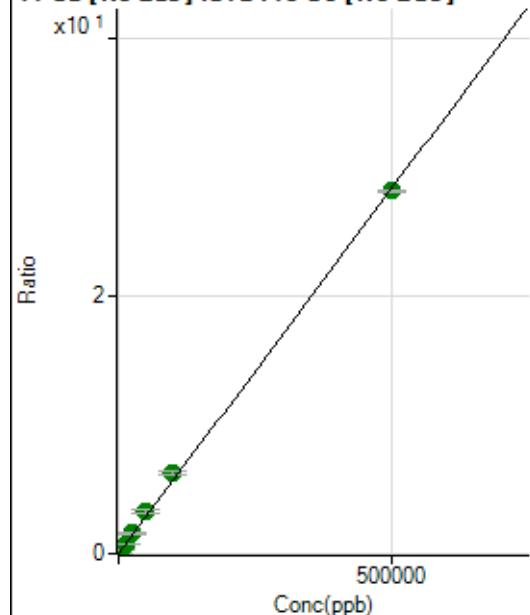
$$R = 0.9992$$

$$DL = 9.815$$

$$BEC = 11.22$$

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	10220.78	0.0015	P	10.3
2	☐	500.000	460.114	182803.88	0.0276	P	2.2
3	☐	5000.000	5658.093	2201579.52	0.3218	A	0.7
4	☐	12500.000	13950.181	5409493.98	0.7911	A	2.7
5	☐	25000.000	27991.813	10861619.19	1.5859	A	3.4
6	☐	50000.000	57725.266	21650978.25	3.2688	A	5.6
7	☐	100000.00	109971.93	43671722.77	6.2260	A	3.6
8	☐	500000.00	497040.70	196777008.1	28.1344	A	0.9

$$y = 5.6601\text{E-}005 * x + 0.0015$$

$$R = 0.9997$$

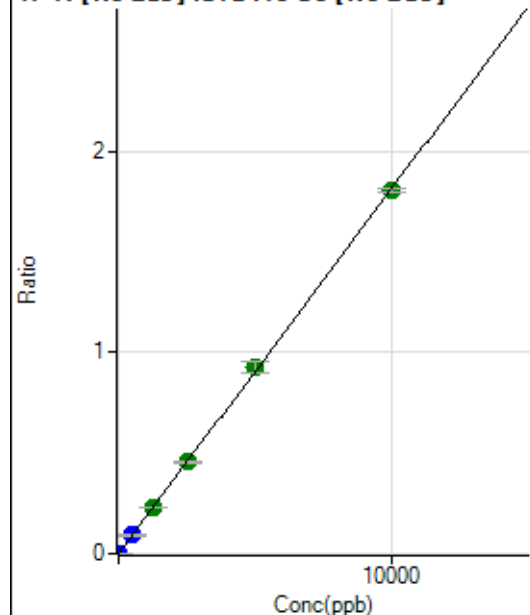
$$DL = 8.356$$

$$BEC = 26.97$$

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	241.68	0.0000	P	5.8
2	☐	5.000	4.135	5214.99	0.0008	P	3.4
3	☐	500.000	502.086	623679.85	0.0912	P	1.4
4	☐	1250.000	1264.438	1569634.92	0.2295	A	2.0
5	☐	2500.000	2515.499	3127783.84	0.4566	A	2.7
6	☐	5000.000	5097.649	6127225.83	0.9252	A	6.2
7	☐	10000.000	9945.392	12663706.71	1.8051	A	1.2
8	☐			3203.25	0.0005	P	6.4

$$y = 1.8150\text{E-}004 * x + 3.6104\text{E-}005$$

$$R = 0.9999$$

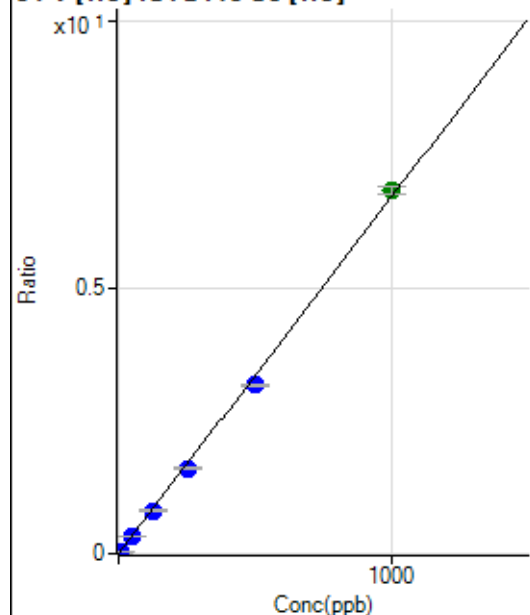
$$DL = 0.03463$$

$$BEC = 0.1989$$

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	5.56	0.0000	P	91.7
2	☐	5.000	4.451	7696.59	0.0298	P	2.4
3	☐	50.000	47.413	82265.18	0.3177	P	1.3
4	☐	125.000	120.680	209795.48	0.8087	P	1.2
5	☐	250.000	238.995	411261.36	1.6015	P	2.1
6	☐	500.000	472.493	812725.87	3.1661	P	0.8
7	☐	1000.000	1017.177	1811532.13	6.8158	A	2.1
8	☐			523.35	0.0019	P	9.2

$$y = 0.0067 * x + 2.1682\text{E-}005$$

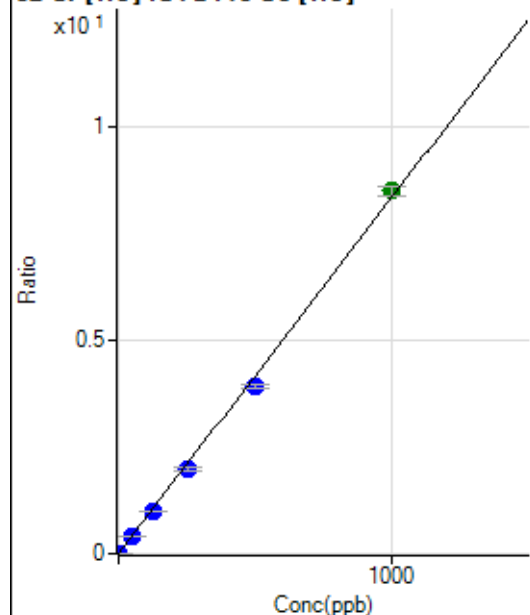
$$R = 0.9994$$

$$DL = 0.008902$$

$$BEC = 0.003236$$

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	607.80	0.0024	P	10.7
2	☐	2.000	1.819	4526.32	0.0176	P	3.6
3	☐	50.000	47.090	102430.03	0.3956	P	2.1
4	☐	125.000	118.118	256535.28	0.9888	P	1.8
5	☐	250.000	237.673	510350.04	1.9873	P	2.6
6	☐	500.000	469.633	1007289.24	3.9246	P	1.4
7	☐	1000.000	1019.271	2262794.90	8.5149	A	2.6
8	☐			17172.65	0.0621	P	1.1

$$y = 0.0084 * x + 0.0024$$

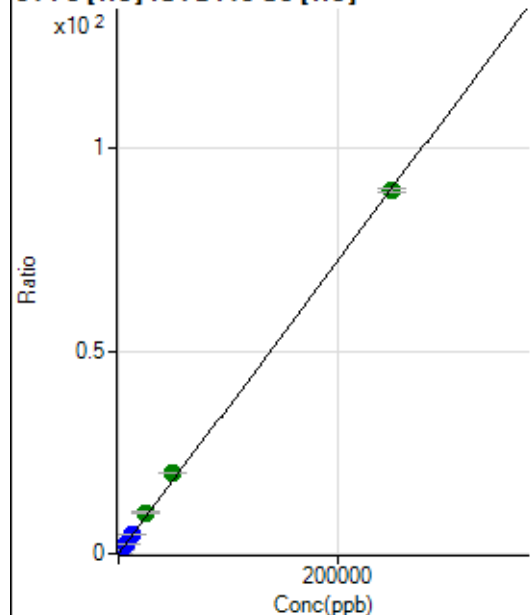
$$R = 0.9992$$

$$DL = 0.09118$$

$$BEC = 0.2832$$

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	800.04	0.0031	P	4.5
2	☐	50.000	48.121	5273.30	0.0205	P	2.8
3	☐	2500.000	2619.304	245142.68	0.9469	P	1.1
4	☐	6250.000	6571.973	615160.58	2.3711	P	1.9
5	☐	12500.000	13276.901	1229305.56	4.7870	P	3.2
6	☐	25000.000	28154.725	2604514.06	10.1478	A	1.3
7	☐	50000.000	55194.060	5286216.96	19.8905	A	0.8
8	☐	250000.00	248597.62	24781238.05	89.5772	A	1.0

$$y = 3.6032E-004 * x + 0.0031$$

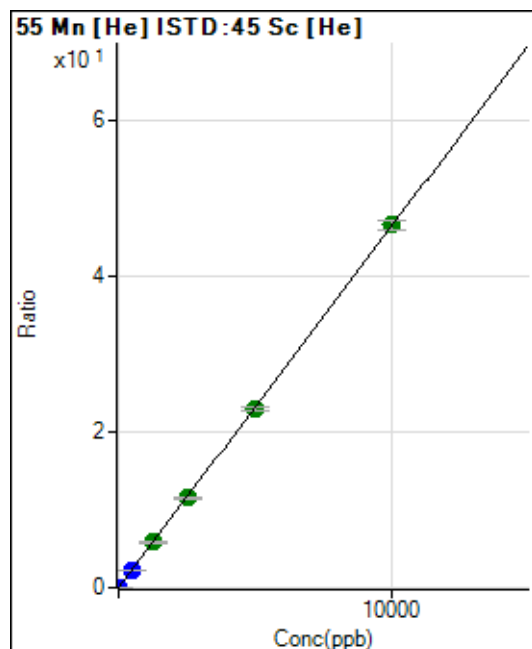
$$R = 0.9997$$

$$DL = 1.171$$

$$BEC = 8.637$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0005	P	8.1
2	☐	1.000	0.861	1171.17	0.0045	P	6.1
3	☐	500.000	470.529	565224.12	2.1832	P	1.3
4	☐	1250.000	1256.591	1512368.76	5.8295	A	1.5
5	☐	2500.000	2485.432	2960829.68	11.5297	A	2.7
6	☐	5000.000	4933.199	5872909.57	22.8842	A	2.0
7	☐	10000.000	10037.692	12373414.26	46.5625	A	2.3
8	☐			14535.30	0.0525	P	2.0

$$y = 0.0046 * x + 5.4458E-004$$

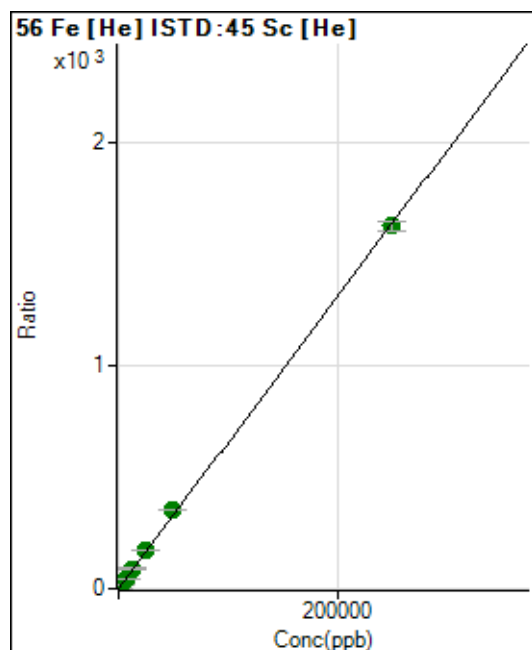
$$R = 1.0000$$

$$DL = 0.0287$$

$$BEC = 0.1174$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5493.74	0.0214	P	6.5
2	☐	50.000	46.600	83963.09	0.3257	P	0.2
3	☐	2500.000	2695.368	4561934.65	17.6211	A	2.7
4	☐	6250.000	6886.953	11672002.35	44.9907	A	3.2
5	☐	12500.000	13753.038	23066826.44	89.8237	A	2.2
6	☐	25000.000	26913.276	45110991.29	175.7552	A	0.6
7	☐	50000.000	54308.903	94242746.55	354.6387	A	1.5
8	☐	250000.00	248866.36	449535710.0	1,625.027	A	2.3

$$y = 0.0065 * x + 0.0214$$

$$R = 0.9998$$

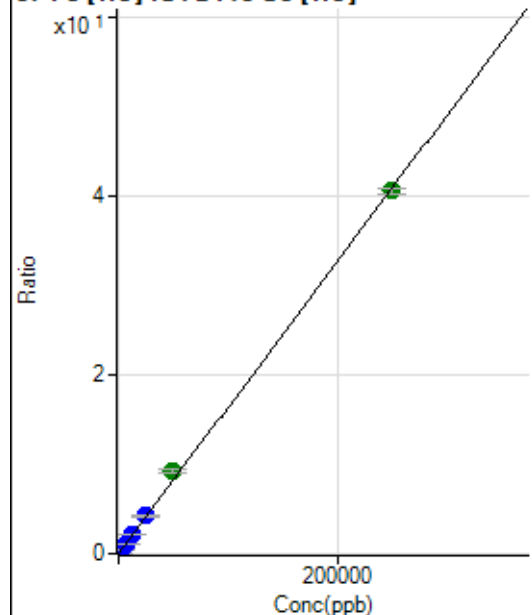
$$DL = 0.6392$$

$$BEC = 3.273$$

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	257.42	0.0010	P	29.0
2	☐	50.000	45.638	2177.98	0.0085	P	6.6
3	☐	2500.000	2555.729	108327.68	0.4184	P	0.7
4	☐	6250.000	6502.498	275791.53	1.0630	P	2.6
5	☐	12500.000	13019.617	546343.53	2.1274	P	1.3
6	☐	25000.000	25732.243	1078935.01	4.2038	P	1.4
7	☐	50000.000	56133.879	2436733.94	9.1691	A	4.5
8	☐	250000.00	248667.15	11235588.79	40.6149	A	1.6

$$y = 1.6333\text{E-}004 * x + 0.0010$$

$$R = 0.9997$$

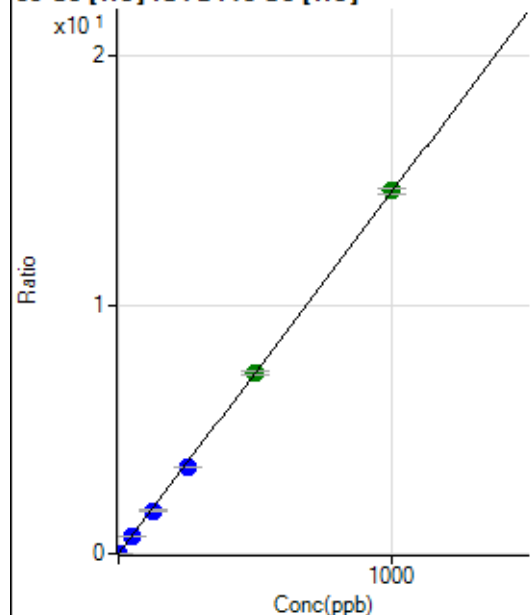
$$DL = 5.331$$

$$BEC = 6.126$$

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	70.00	0.0003	P	4.9
2	☐	1.000	0.900	3442.68	0.0133	P	2.2
3	☐	50.000	47.125	177411.05	0.6852	P	0.7
4	☐	125.000	119.366	450142.62	1.7351	P	2.2
5	☐	250.000	238.865	891601.36	3.4719	P	1.2
6	☐	500.000	499.932	1865333.88	7.2662	A	1.9
7	☐	1000.000	1003.666	3876650.74	14.5873	A	1.4
8	☐			3093.71	0.0112	P	1.6

$$y = 0.0145 * x + 2.7231\text{E-}004$$

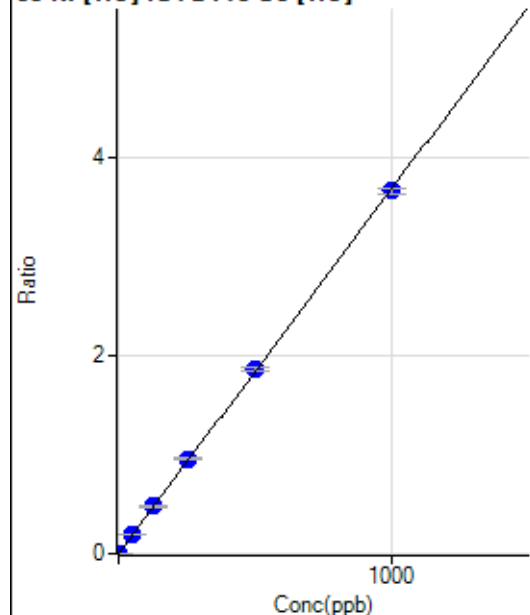
$$R = 0.9999$$

$$DL = 0.002773$$

$$BEC = 0.01874$$

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	95.56	0.0004	P	8.0
2	☐	1.000	0.954	1001.16	0.0039	P	10.8
3	☐	50.000	52.013	49654.32	0.1918	P	1.5
4	☐	125.000	129.344	123588.87	0.4764	P	3.2
5	☐	250.000	258.570	244470.41	0.9520	P	2.1
6	☐	500.000	504.789	476925.69	1.8581	P	1.8
7	☐	1000.000	994.820	973114.43	3.6616	P	1.3
8	☐			4907.57	0.0177	P	2.3

$$y = 0.0037 * x + 3.7169E-004$$

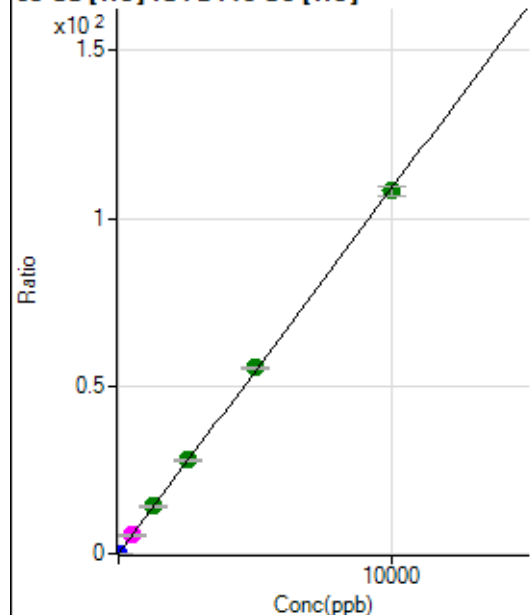
$$R = 0.9999$$

$$DL = 0.0241$$

$$BEC = 0.101$$

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	855.59	0.0033	P	3.3
2	☐	2.000	1.824	5980.22	0.0232	P	1.7
3	☐	500.000	502.253	1417062.22	5.4722	M	3.4
4	☐	1250.000	1298.185	3668070.09	14.1390	A	1.3
5	☐	2500.000	2563.485	7169224.48	27.9165	A	2.3
6	☐	5000.000	5085.126	14214196.59	55.3741	A	1.3
7	☐	10000.000	9935.430	28748758.46	108.1880	A	2.4
8	☐			10351.67	0.0374	P	3.2

$$y = 0.0109 * x + 0.0033$$

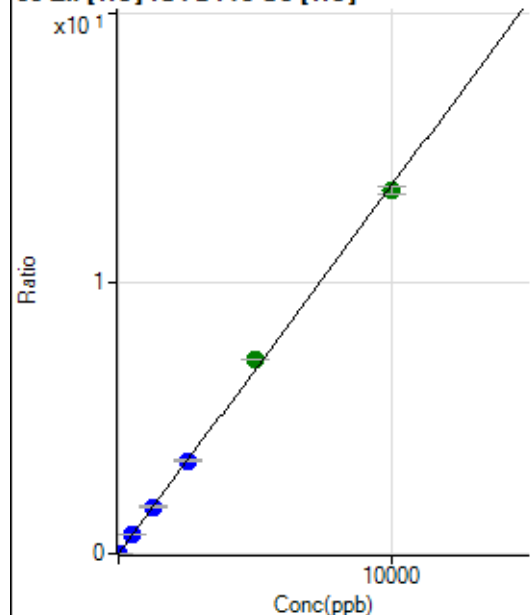
$$R = 0.9999$$

$$DL = 0.03056$$

$$BEC = 0.3056$$

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	345.57	0.0013	P	4.7
2	☐	2.000	1.838	991.16	0.0038	P	2.7
3	☐	500.000	507.306	179024.83	0.6915	P	1.8
4	☐	1250.000	1273.590	449873.14	1.7341	P	1.2
5	☐	2500.000	2516.267	879506.09	3.4248	P	1.8
6	☐	5000.000	5269.303	1840629.05	7.1704	A	0.7
7	☐	10000.000	9857.968	3564511.62	13.4134	A	2.2
8	☐			5595.60	0.0202	P	2.9

$$y = 0.0014 * x + 0.0013$$

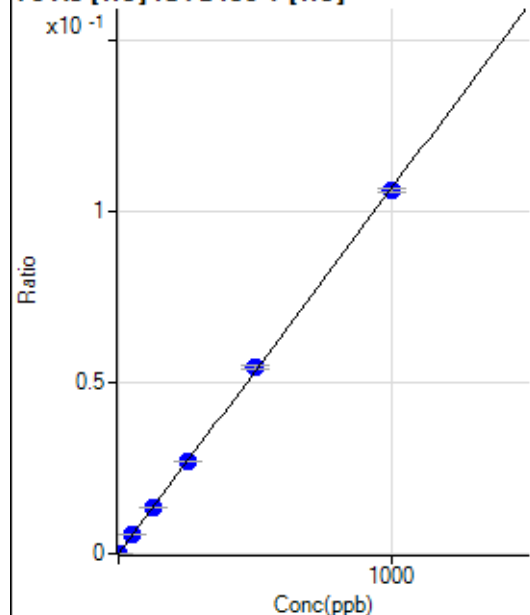
$$R = 0.9995$$

$$DL = 0.1399$$

$$BEC = 0.988$$

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	3.67	0.0000	P	68.5
2	☐	1.000	1.000	190.35	0.0001	P	4.4
3	☐	50.000	50.954	9864.10	0.0054	P	3.3
4	☐	125.000	126.856	24972.84	0.0135	P	2.9
5	☐	250.000	253.237	49584.91	0.0270	P	1.3
6	☐	500.000	511.662	97472.15	0.0545	P	2.1
7	☐	1000.000	993.080	200396.46	0.1059	P	1.1
8	☐			92.34	0.0000	P	4.8

$$y = 1.0660E-004 * x + 2.0735E-006$$

$$R = 0.9999$$

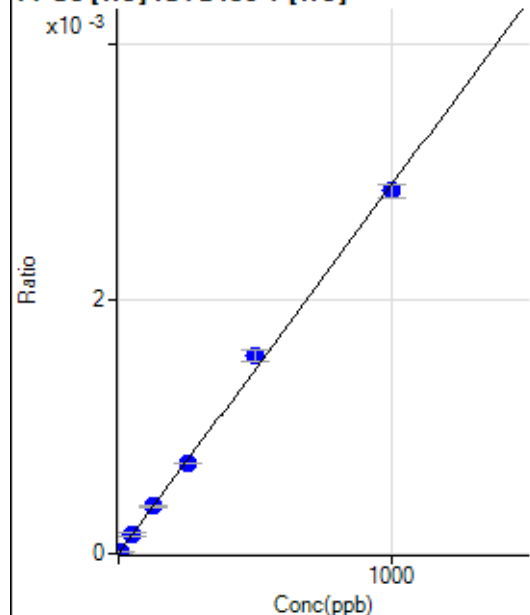
$$DL = 0.03996$$

$$BEC = 0.01945$$

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	2.22	0.0000	P	173.2
2	☐	5.000	4.828	26.66	0.0000	P	22.6
3	☐	50.000	51.245	271.12	0.0001	P	18.9
4	☐	125.000	127.670	685.58	0.0004	P	5.9
5	☐	250.000	242.789	1293.41	0.0007	P	0.5
6	☐	500.000	534.963	2770.31	0.0016	P	5.7
7	☐	1000.000	983.926	5397.76	0.0029	P	4.0
8	☐			0.00	0.0000	P	

$$y = 2.8955\text{E-}006 * x + 1.2515\text{E-}006$$

$$R = 0.9991$$

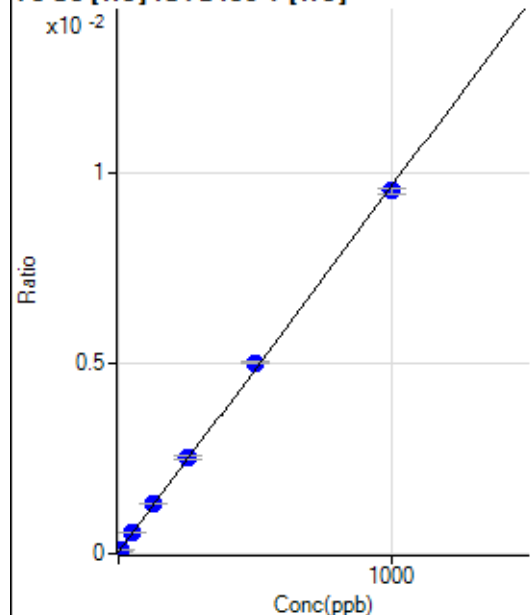
$$DL = 2.246$$

$$BEC = 0.4322$$

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	73.68	0.0000	P	6.1
2	☐	5.000	4.608	150.69	0.0001	P	4.4
3	☐	50.000	52.706	996.80	0.0005	P	2.5
4	☐	125.000	131.743	2418.12	0.0013	P	1.8
5	☐	250.000	258.421	4643.91	0.0025	P	3.3
6	☐	500.000	518.667	8993.79	0.0050	P	1.4
7	☐	1000.000	987.585	18066.71	0.0095	P	1.9
8	☐			89.34	0.0000	P	6.8

$$y = 9.6231\text{E-}006 * x + 4.1618\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.7938$$

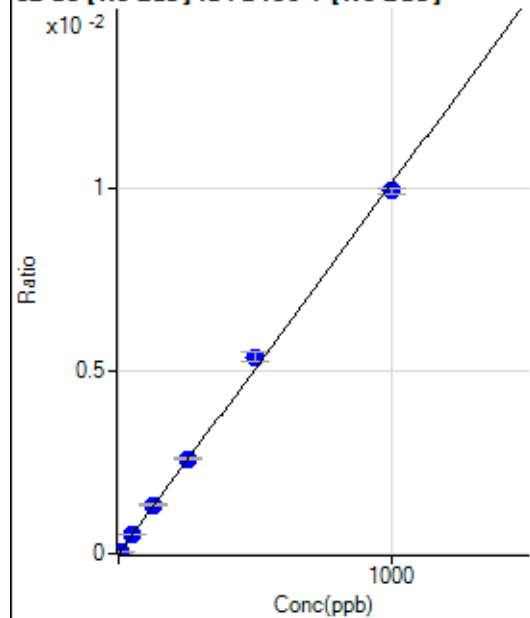
$$BEC = 4.325$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35224.23		P	3.5
2	☐			34508.57		P	2.2
3	☐			35602.43		P	3.8
4	☐			35381.67		P	1.8
5	☐			33645.79		P	1.3
6	☐			34675.65		P	1.6
7	☐			35130.83		P	3.8
8	☐			37479.74		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-2.50	0.0000	P	-404.
2	☐	5.000	4.969	710.78	0.0001	P	5.8
3	☐	50.000	54.166	7942.27	0.0005	P	1.5
4	☐	125.000	132.496	19541.57	0.0013	P	3.5
5	☐	250.000	257.322	38336.93	0.0026	P	1.6
6	☐	500.000	532.432	75458.12	0.0054	P	5.2
7	☐	1000.000	980.808	150951.42	0.0099	P	1.8
8	☐			183.31	0.0000	P	3.8

$$y = 1.0144E-005 * x - 1.7432E-007$$

$$R = 0.9992$$

$$DL = 0.2085$$

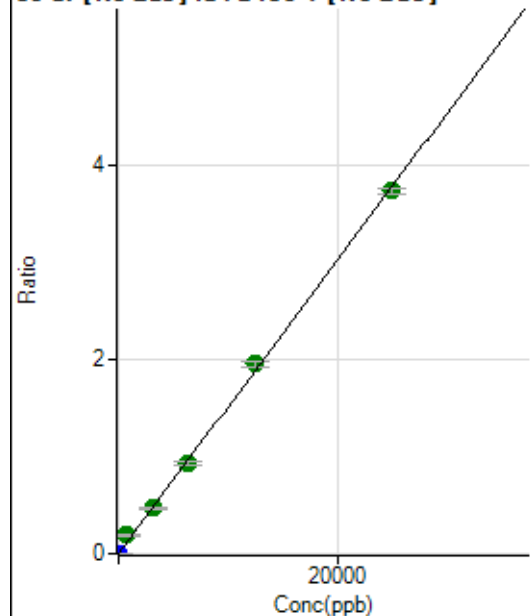
$$BEC = -0.01719$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			312.05		P	2.0
2	☐			305.80		P	3.2
3	☐			294.14		P	6.4
4	☐			309.97		P	6.0
5	☐			308.30		P	4.3
6	☐			304.97		P	5.4
7	☐			334.96		P	7.8
8	☐			373.71		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	669.48	0.0000	P	14.8
2	☐	1.000	0.861	2483.63	0.0002	P	9.6
3	☐	625.000	1249.056	2720588.06	0.1881	A	4.0
4	☐	3125.000	3105.507	6803119.42	0.4677	A	1.8
5	☐	6250.000	6179.564	13666472.87	0.9305	A	2.6
6	☐	12500.000	12987.132	27337999.22	1.9556	A	3.1
7	☐	25000.000	24760.878	56580238.07	3.7284	A	1.4
8	☐			15937.32	0.0011	P	6.1

$$y = 1.5057E-004 * x + 4.5934E-005$$

$$R = 0.9995$$

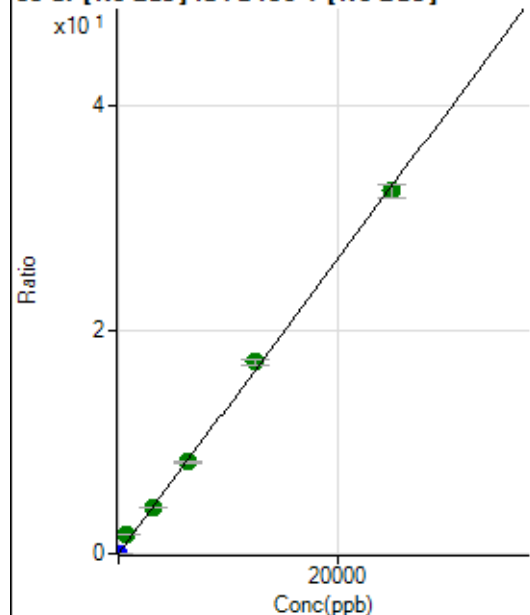
$$DL = 0.1357$$

$$BEC = 0.3051$$

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	1325.75	0.0001	P	111.6
2	☐	1.000	0.854	17158.23	0.0012	P	3.6
3	☐	625.000	1261.716	23954135.61	1.6567	A	2.1
4	☐	3125.000	3129.139	59787828.42	4.1085	A	0.8
5	☐	6250.000	6221.704	120004074.9	8.1690	A	0.9
6	☐	12500.000	13070.478	239903341.4	17.1612	A	3.2
7	☐	25000.000	24705.400	492037249.8	32.4374	A	3.8
8	☐			139857.23	0.0094	P	5.2

$$y = 0.0013 * x + 9.1352E-005$$

$$R = 0.9994$$

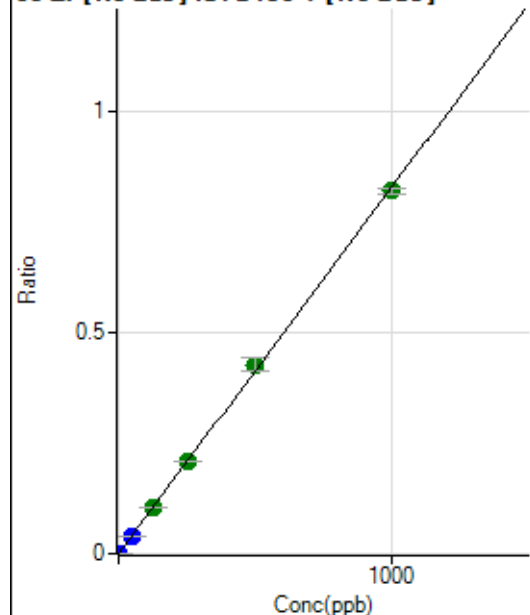
$$DL = 0.233$$

$$BEC = 0.06958$$

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	572.25	0.0000	P	10.9
2	☐	1.000	0.881	10871.14	0.0008	P	2.5
3	☐	50.000	48.984	587079.58	0.0406	P	0.8
4	☐	125.000	126.425	1523316.84	0.1047	A	1.7
5	☐	250.000	252.429	3070826.07	0.2090	A	1.7
6	☐	500.000	516.189	5968458.60	0.4274	A	7.1
7	☐	1000.000	991.171	12452485.61	0.8207	A	1.8
8	☐			5754.12	0.0004	P	1.7

$$y = 8.2796E-004 * x + 3.9256E-005$$

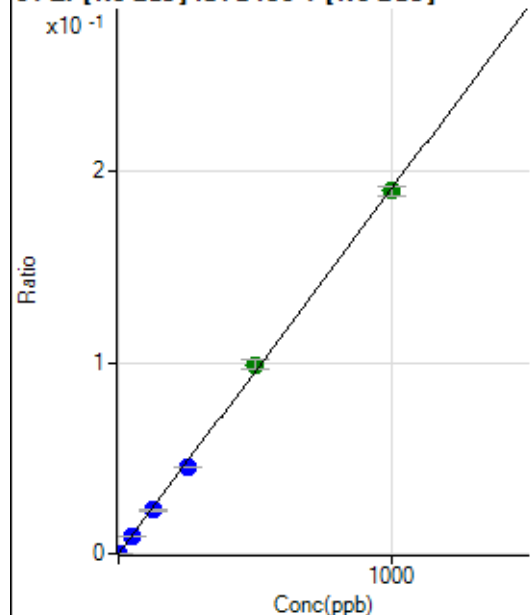
$$R = 0.9998$$

$$DL = 0.01548$$

$$BEC = 0.04741$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.11	0.0000	P	15.7
2	☐	1.000	0.849	2403.05	0.0002	P	2.1
3	☐	50.000	47.983	132616.94	0.0092	P	2.5
4	☐	125.000	119.798	332831.04	0.0229	P	2.4
5	☐	250.000	236.213	662648.73	0.0451	P	0.8
6	☐	500.000	519.161	1384970.53	0.0991	A	5.9
7	☐	1000.000	994.618	2881392.16	0.1899	A	3.0
8	☐			1280.65	0.0001	P	9.9

$$y = 1.9094\text{E-}004 * x + 7.6200\text{E-}006$$

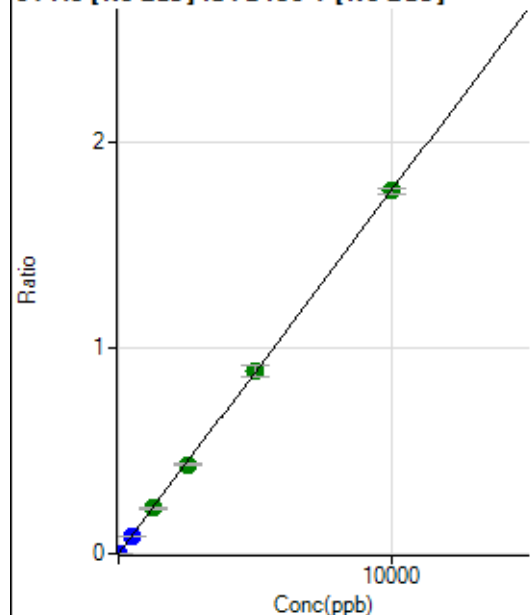
$$R = 0.9996$$

$$DL = 0.0188$$

$$BEC = 0.03991$$

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	244.46	0.0000	P	55.9
2	☐	5.000	4.983	12695.03	0.0009	P	2.4
3	☐	500.000	488.967	1249919.84	0.0864	P	2.5
4	☐	1250.000	1257.464	3231762.29	0.2222	A	3.8
5	☐	2500.000	2443.666	6343404.44	0.4318	A	1.5
6	☐	5000.000	5050.776	12467718.86	0.8926	A	6.2
7	☐	10000.000	9988.314	26786645.04	1.7651	A	1.9
8	☐			9097.71	0.0006	P	1.2

$$y = 1.7671\text{E-}004 * x + 1.6804\text{E-}005$$

$$R = 1.0000$$

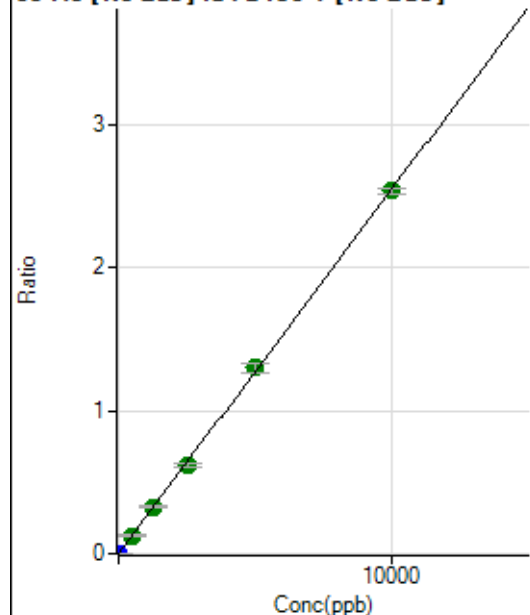
$$DL = 0.1594$$

$$BEC = 0.09509$$

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	141.68	0.0000	P	153.5
2	☐	5.000	4.126	14983.47	0.0011	P	4.0
3	☐	500.000	495.864	1823938.91	0.1261	A	2.9
4	☐	1250.000	1276.683	4722796.76	0.3247	A	3.3
5	☐	2500.000	2419.146	9037114.53	0.6153	A	3.1
6	☐	5000.000	5109.556	18157402.84	1.2996	A	5.2
7	☐	10000.000	9962.308	38448284.89	2.5339	A	1.4
8	☐			11580.17	0.0008	P	2.1

$$y = 2.5435\text{E-}004 * x + 9.7806\text{E-}006$$

$$R = 0.9999$$

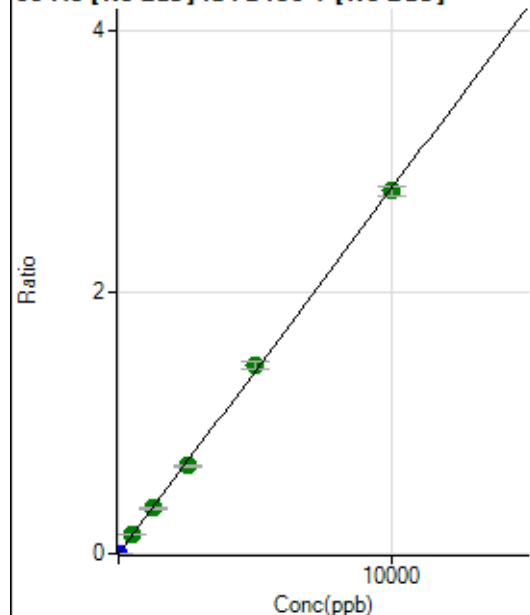
$$DL = 0.1771$$

$$BEC = 0.03845$$

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	252.79	0.0000	P	54.1
2	☐	5.000	4.249	17016.43	0.0012	P	2.6
3	☐	500.000	510.828	2061497.03	0.1425	A	2.1
4	☐	1250.000	1259.450	5109979.71	0.3514	A	4.1
5	☐	2500.000	2411.440	9882632.25	0.6728	A	1.8
6	☐	5000.000	5161.514	20125655.83	1.4401	A	4.5
7	☐	10000.000	9939.661	42074773.16	2.7733	A	2.5
8	☐			26815.68	0.0018	P	5.7

$$y = 2.7901\text{E-}004 * x + 1.7375\text{E-}005$$

$$R = 0.9998$$

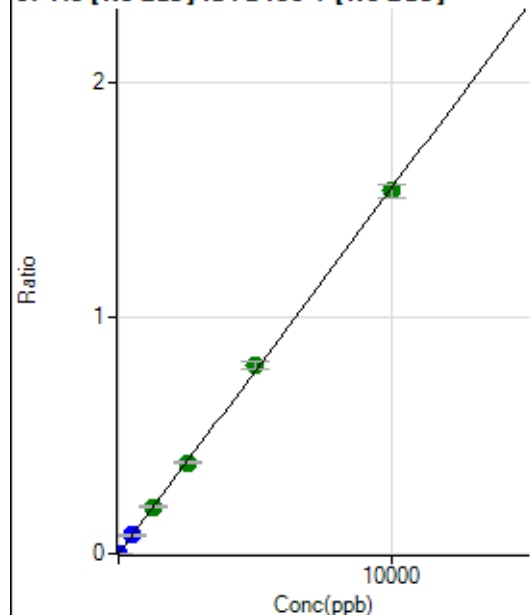
$$DL = 0.1011$$

$$BEC = 0.06227$$

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	72.23	0.0000	P	144.6
2	☐	5.000	4.355	9609.13	0.0007	P	4.0
3	☐	500.000	500.935	1121647.63	0.0776	P	1.5
4	☐	1250.000	1277.766	2876979.42	0.1979	A	4.0
5	☐	2500.000	2476.801	5633899.78	0.3835	A	2.0
6	☐	5000.000	5148.227	11140052.33	0.7972	A	4.3
7	☐	10000.000	9928.169	23320329.00	1.5373	A	3.8
8	☐			7035.33	0.0005	P	8.1

$$y = 1.5484\text{E-}004 * x + 4.9839\text{E-}006$$

$$R = 0.9998$$

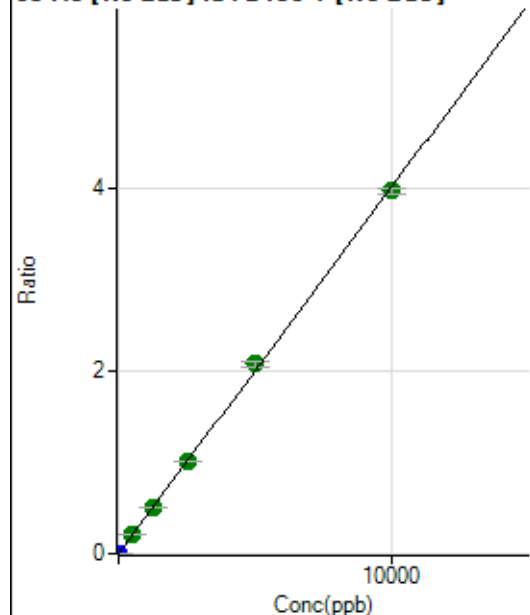
$$DL = 0.1396$$

$$BEC = 0.03219$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.58	0.0000	P	149.8
2	☐	5.000	4.292	24564.06	0.0017	P	0.3
3	☐	500.000	507.327	2945645.53	0.2037	A	2.2
4	☐	1250.000	1269.342	7413368.66	0.5097	A	2.3
5	☐	2500.000	2521.920	14873477.07	1.0126	A	1.4
6	☐	5000.000	5185.592	29105890.93	2.0821	A	3.2
7	☐	10000.000	9898.940	60307747.87	3.9745	A	1.7
8	☐			16991.48	0.0011	P	0.9

$$y = 4.0151\text{E-}004 * x + 1.2464\text{E-}005$$

$$R = 0.9997$$

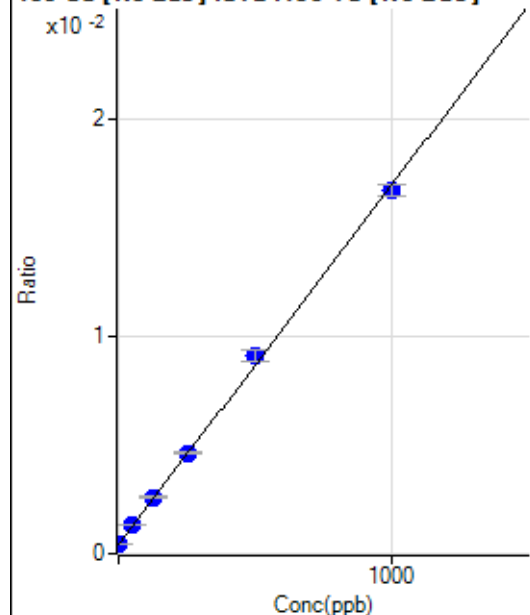
$$DL = 0.1395$$

$$BEC = 0.03104$$

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	4431.38	0.0004	P	3.7
2	☐	1.000	0.349	4400.82	0.0004	P	2.4
3	☐	50.000	54.644	13754.51	0.0013	P	4.1
4	☐	125.000	132.175	27876.16	0.0026	P	3.3
5	☐	250.000	255.528	51893.37	0.0046	P	2.0
6	☐	500.000	526.618	97582.45	0.0091	P	6.2
7	☐	1000.000	984.181	192304.47	0.0167	P	3.3
8	☐			4436.97	0.0004	P	2.7

$$y = 1.6524\text{E-}005 * x + 4.1201\text{E-}004$$

$$R = 0.9994$$

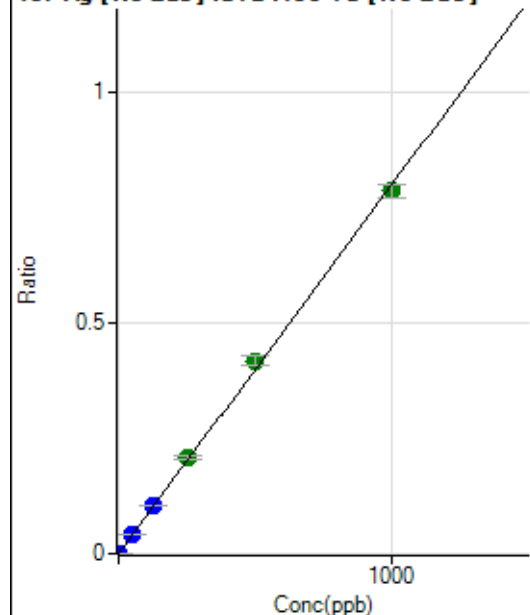
$$DL = 2.774$$

$$BEC = 24.93$$

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	422.29	0.0000	P	78.4
2	☐	1.000	0.926	8191.55	0.0008	P	1.4
3	☐	50.000	53.640	447520.76	0.0428	P	3.4
4	☐	125.000	131.383	1124793.04	0.1047	P	1.4
5	☐	250.000	259.092	2311997.34	0.2065	A	3.9
6	☐	500.000	524.260	4476554.27	0.4178	A	4.6
7	☐	1000.000	984.618	9049251.94	0.7847	A	3.9
8	☐			3539.44	0.0003	P	4.9

$$y = 7.9692\text{E-}004 * x + 3.9400\text{E-}005$$

$$R = 0.9995$$

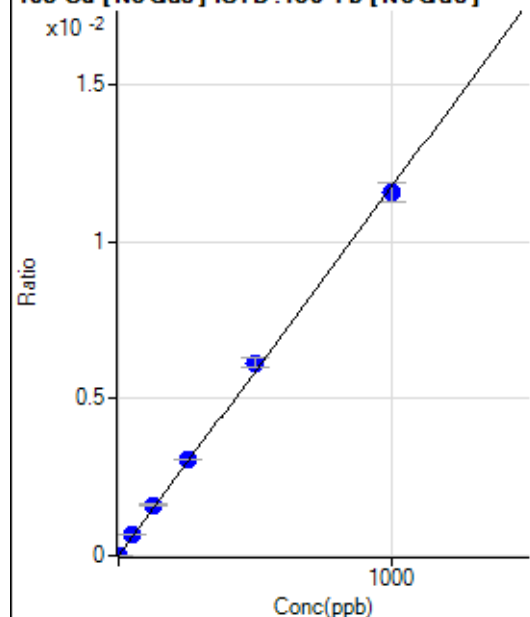
$$DL = 0.1162$$

$$BEC = 0.04944$$

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	26.39	0.0000	P	45.4
2	☐	1.000	1.308	187.50	0.0000	P	4.0
3	☐	50.000	55.934	6886.52	0.0007	P	3.6
4	☐	125.000	137.583	17354.12	0.0016	P	2.9
5	☐	250.000	260.182	34195.27	0.0031	P	1.5
6	☐	500.000	523.437	65786.94	0.0061	P	4.7
7	☐	1000.000	983.866	133052.23	0.0115	P	5.3
8	☐			97.22	0.0000	P	37.2

$$y = 1.1727\text{E-}005 * x + 2.4519\text{E-}006$$

$$R = 0.9995$$

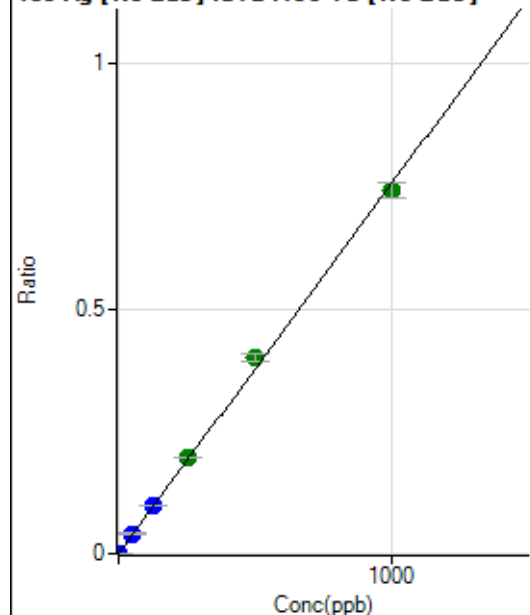
$$DL = 0.285$$

$$BEC = 0.2091$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	350.05	0.0000	P	89.9
2	☐	1.000	0.977	8105.36	0.0008	P	5.0
3	☐	50.000	53.800	424876.27	0.0406	P	3.3
4	☐	125.000	131.773	1067996.16	0.0994	P	0.9
5	☐	250.000	260.127	2198131.82	0.1963	A	1.3
6	☐	500.000	531.092	4293310.99	0.4007	A	4.0
7	☐	1000.000	980.886	8533438.56	0.7400	A	4.1
8	☐			3389.40	0.0003	P	1.8

$$y = 7.5443\text{E-}004 * x + 3.2672\text{E-}005$$

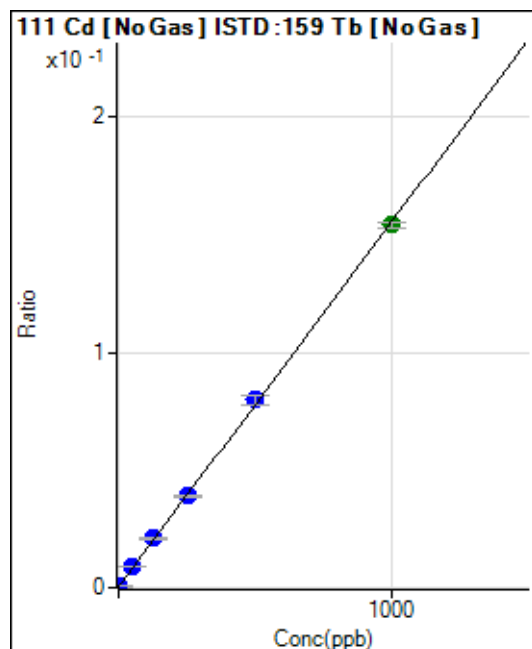
$$R = 0.9992$$

$$DL = 0.1168$$

$$BEC = 0.04331$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3097.38	0.0003	P	3.7
2	☐	1.000	1.009	4682.79	0.0004	P	3.5
3	☐	50.000	54.334	91198.46	0.0087	P	0.7
4	☐	125.000	132.618	223989.05	0.0209	P	1.8
5	☐	250.000	249.921	437302.54	0.0391	P	1.8
6	☐	500.000	512.420	854509.61	0.0798	P	4.6
7	☐	1000.000	992.641	1779548.89	0.1543	A	1.3
8	☐			3729.52	0.0003	P	3.4

$$y = 1.5511\text{E-}004 * x + 2.8799\text{E-}004$$

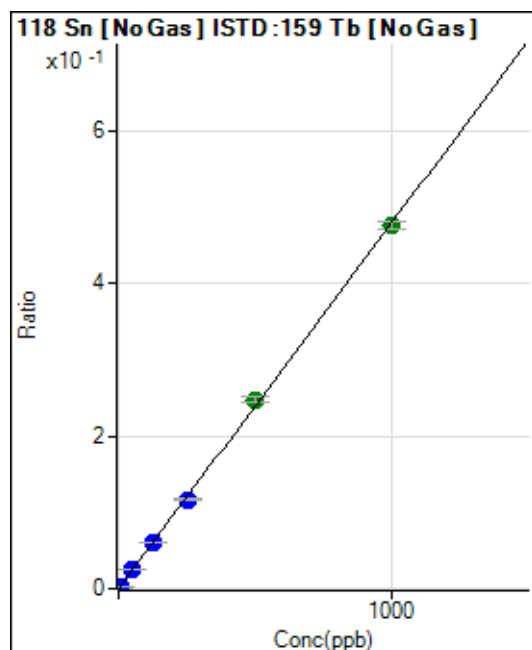
$$R = 0.9999$$

$$DL = 0.2074$$

$$BEC = 1.857$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1386.22	0.0001	P	6.7
2	☐	5.000	4.765	25393.67	0.0024	P	2.5
3	☐	50.000	51.106	257391.31	0.0246	P	1.7
4	☐	125.000	127.536	657261.42	0.0612	P	0.8
5	☐	250.000	242.775	1303201.82	0.1164	P	2.4
6	☐	500.000	517.741	2657942.79	0.2481	A	3.9
7	☐	1000.000	992.565	5484369.83	0.4754	A	2.0
8	☐			10723.96	0.0010	P	2.1

$$y = 4.7887\text{E-}004 * x + 1.2894\text{E-}004$$

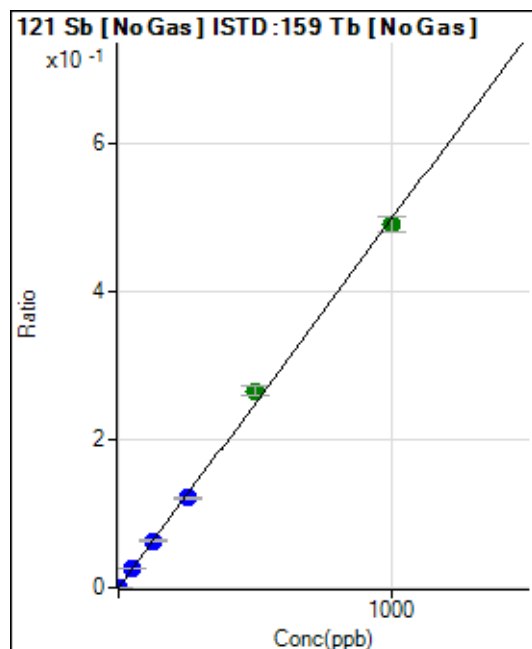
$$R = 0.9997$$

$$DL = 0.05394$$

$$BEC = 0.2693$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	57.6
2	☐	2.000	1.873	9870.49	0.0009	P	2.1
3	☐	50.000	51.482	268296.94	0.0256	P	2.6
4	☐	125.000	127.406	681605.71	0.0635	P	0.9
5	☐	250.000	244.295	1362541.03	0.1217	P	2.7
6	☐	500.000	533.663	2847698.63	0.2658	A	4.7
7	☐	1000.000	984.220	5653091.44	0.4903	A	4.3
8	☐			4842.66	0.0004	P	7.8

$$y = 4.9812\text{E-}004 * x + 4.1460\text{E-}006$$

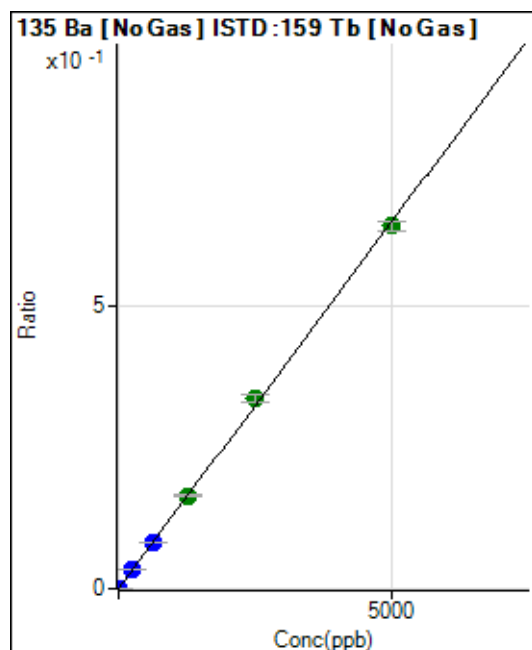
$$R = 0.9991$$

$$DL = 0.01439$$

$$BEC = 0.008323$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	67.6
2	☐	10.000	9.161	12595.11	0.0012	P	4.6
3	☐	250.000	255.665	347563.99	0.0332	P	1.9
4	☐	625.000	625.664	872931.89	0.0813	P	1.8
5	☐	1250.000	1269.642	1846856.29	0.1649	A	2.4
6	☐	2500.000	2591.105	3606776.73	0.3366	A	3.9
7	☐	5000.000	4949.172	7415347.30	0.6429	A	3.0
8	☐			3608.91	0.0003	P	4.1

$$y = 1.2991\text{E-}004 * x + 5.6924\text{E-}006$$

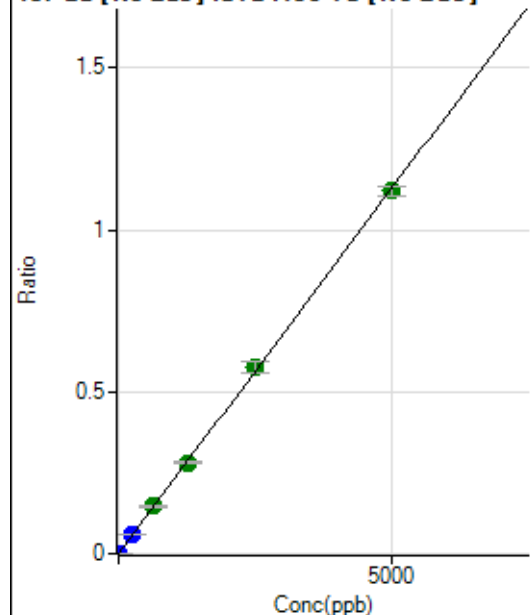
$$R = 0.9997$$

$$DL = 0.0888$$

$$BEC = 0.04382$$

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	113.90	0.0000	P	96.6
2	☐	10.000	9.216	21996.28	0.0021	P	1.6
3	☐	250.000	258.088	608686.13	0.0582	P	2.4
4	☐	625.000	649.662	1572647.87	0.1464	A	2.9
5	☐	1250.000	1249.734	3154491.96	0.2817	A	0.7
6	☐	2500.000	2553.516	6161863.33	0.5755	A	6.4
7	☐	5000.000	4969.823	12919445.69	1.1201	A	2.7
8	☐			6568.51	0.0006	P	1.1

$$y = 2.2538E-004 * x + 1.0630E-005$$

$$R = 0.9999$$

$$DL = 0.1367$$

$$BEC = 0.04717$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			13.33		P	50.0
3	☐			33.33		P	0.0
4	☐			75.56		P	22.2
5	☐			153.33		P	15.1
6	☐			333.35		P	10.4
7	☐			624.48		P	4.9
8	☐			104.45		P	14.7

150 Nd [He] No available calibration points

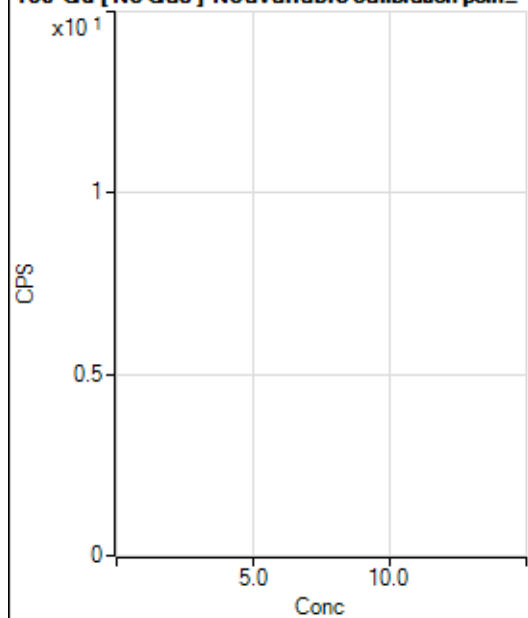
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			7.78		P	24.7
4	☐			8.89		P	57.3
5	☐			16.67		P	34.6
6	☐			28.89		P	24.0
7	☐			66.67		P	17.3
8	☐			20.00		P	16.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	43.3
3	☐			30.56		P	56.8
4	☐			61.11		P	7.9
5	☐			100.00		P	16.7
6	☐			183.34		P	4.5
7	☐			327.79		P	19.7
8	☐			869.50		P	4.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	100.1
3	☐			10.00		P	88.2
4	☐			26.67		P	37.5
5	☐			36.67		P	24.0
6	☐			88.89		P	9.4
7	☐			166.67		P	19.1
8	☐			346.67		P	10.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	19.2
2	☐			100.01		P	28.9
3	☐			58.33		P	62.3
4	☐			125.00		P	17.6
5	☐			122.23		P	32.2
6	☐			202.79		P	2.4
7	☐			369.46		P	4.7
8	☐			877.84		P	11.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			126.67		P	9.5
2	☐			131.12		P	8.2
3	☐			138.89		P	12.1
4	☐			136.67		P	7.3
5	☐			182.23		P	15.2
6	☐			196.67		P	13.5
7	☐			246.67		P	7.2
8	☐			514.46		P	2.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	19.9
2	☐			52.78		P	9.1
3	☐			58.33		P	65.5
4	☐			58.33		P	42.9
5	☐			100.00		P	14.4
6	☐			97.22		P	21.6
7	☐			133.34		P	27.2
8	☐			91.67		P	24.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐			10.00		P	33.3
3	☐			14.44		P	58.1
4	☐			16.67		P	20.0
5	☐			28.89		P	24.0
6	☐			47.78		P	14.5
7	☐			58.89		P	23.6
8	☐			54.45		P	30.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	39.0
2	☐			58.34		P	75.6
3	☐			47.22		P	44.4
4	☐			66.67		P	0.0
5	☐			88.89		P	32.9
6	☐			116.67		P	25.8
7	☐			133.34		P	10.8
8	☐			141.67		P	44.4

172 Yb [He] No available calibration points

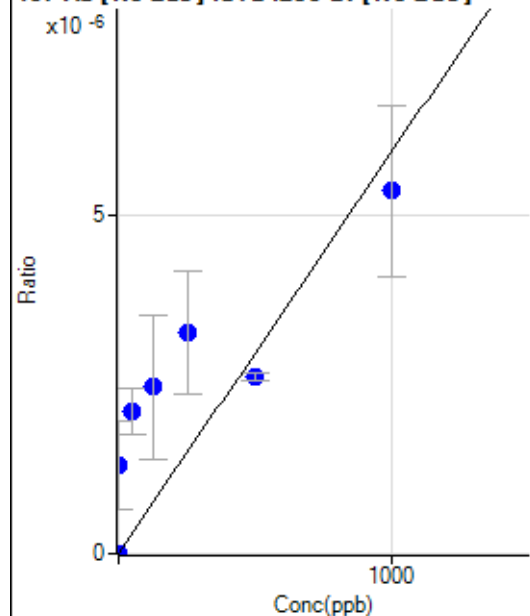
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	40.0
2	☐			27.78		P	52.9
3	☐			22.22		P	25.0
4	☐			22.22		P	43.3
5	☐			40.74		P	31.5
6	☐			57.41		P	29.6
7	☐			72.22		P	0.0
8	☐			40.74		P	15.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1655.71		P	10.7
2	☐			1552.91		P	0.3
3	☐			2100.24		P	3.2
4	☐			3342.19		P	11.9
5	☐			5101.17		P	2.5
6	☐			8388.97		P	0.5
7	☐			16241.03		P	2.9
8	☐			1627.93		P	5.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9570.33		P	4.8
2	☐			9538.79		P	2.1
3	☐			9774.15		P	3.3
4	☐			10243.05		P	0.1
5	☐			11251.25		P	3.6
6	☐			12604.40		P	4.1
7	☐			16206.56		P	3.6
8	☐			10111.47		P	3.8

197 Au [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	220.136	8.33	0.0000	P	101.4
3	☐	50.000	352.710	13.89	0.0000	P	32.4
4	☐	125.000	415.499	16.67	0.0000	P	86.6
5	☐	250.000	549.818	22.22	0.0000	P	55.3
6	☐	500.000	439.148	16.67	0.0000	P	4.0
7	☐	1000.000	903.804	36.11	0.0000	P	47.1
8	☐			22.22	0.0000	P	79.0

$$y = 5.9314\text{E-}009 * x + 0.0000\text{E+}000$$

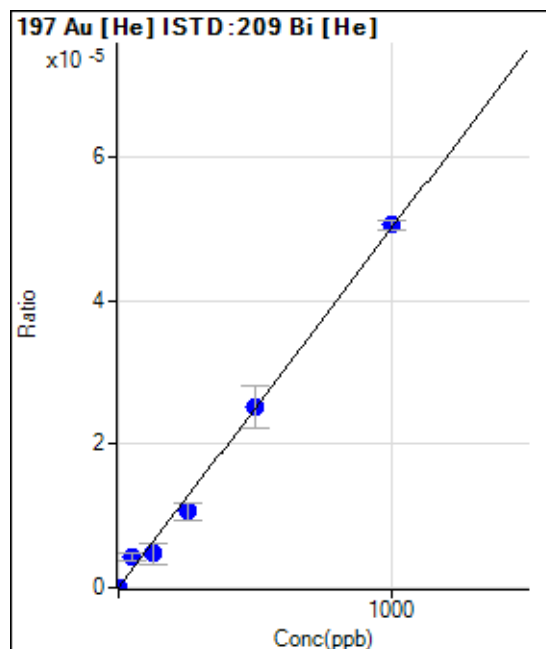
$$R = 0.8753$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	0.000	0.00	0.0000	P	
3	☐	50.000	86.023	14.82	0.0000	P	21.5
4	☐	125.000	93.835	16.67	0.0000	P	57.8
5	☐	250.000	211.525	37.04	0.0000	P	24.4
6	☐	500.000	503.602	87.04	0.0000	P	22.9
7	☐	1000.000	1009.913	172.23	0.0001	P	3.0
8	☐			18.52	0.0000	P	13.9

$$y = 5.0012\text{E-}008 * x + 0.0000\text{E+}000$$

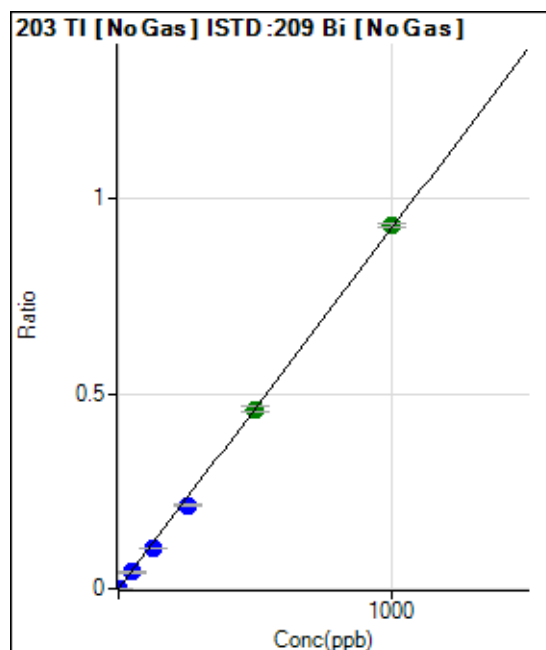
$$R = 0.9977$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	83.1
2	☐	1.000	0.804	4962.20	0.0008	P	10.6
3	☐	50.000	45.803	279161.20	0.0424	P	5.5
4	☐	125.000	112.494	698384.29	0.1041	P	3.4
5	☐	250.000	231.311	1440509.64	0.2140	P	3.5
6	☐	500.000	498.871	2954225.26	0.4614	A	2.6
7	☐	1000.000	1007.010	6242408.47	0.9314	A	1.1
8	☐			1708.50	0.0003	P	8.7

$$y = 9.2490\text{E-}004 * x + 1.3166\text{E-}005$$

$$R = 0.9998$$

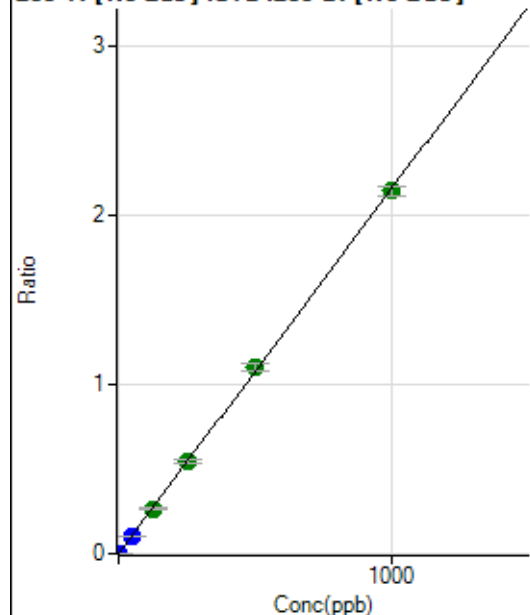
$$DL = 0.03549$$

$$BEC = 0.01424$$

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	216.68	0.0000	P	57.3
2	☐	1.000	0.855	12314.54	0.0019	P	3.1
3	☐	50.000	46.268	657092.84	0.0997	P	4.9
4	☐	125.000	123.140	1781482.85	0.2654	A	1.5
5	☐	250.000	251.567	3649794.40	0.5421	A	4.1
6	☐	500.000	511.283	7053917.78	1.1018	A	3.5
7	☐	1000.000	994.386	14356540.25	2.1428	A	2.5
8	☐			4236.93	0.0007	P	7.5

$$y = 0.0022 * x + 3.2205E-005$$

$$R = 0.9999$$

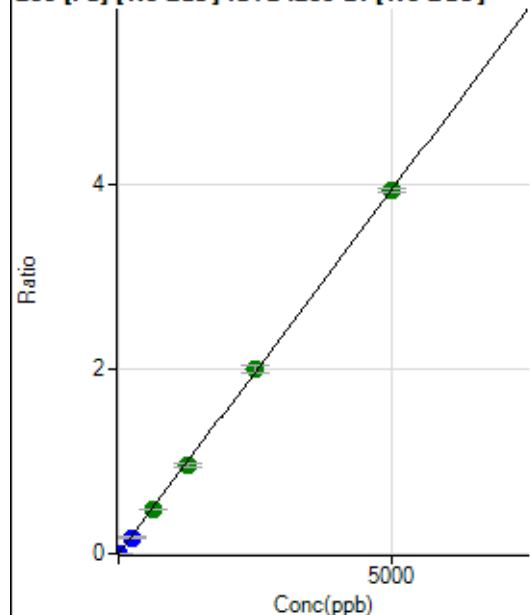
$$DL = 0.02568$$

$$BEC = 0.01495$$

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	872.27	0.0001	P	12.9
2	☐	1.000	0.792	4952.90	0.0008	P	2.7
3	☐	250.000	223.474	1161113.85	0.1762	P	4.9
4	☐	625.000	606.441	3208665.20	0.4780	A	3.2
5	☐	1250.000	1222.302	6485111.89	0.9633	A	4.1
6	☐	2500.000	2539.697	12810311.63	2.0015	A	3.6
7	☐	5000.000	4990.722	26359179.29	3.9329	A	1.1
8	☐			8428.82	0.0015	P	7.0

$$y = 7.8802E-004 * x + 1.2992E-004$$

$$R = 0.9999$$

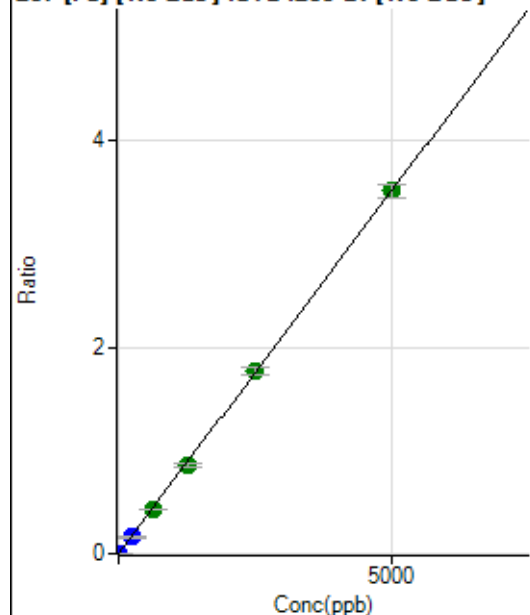
$$DL = 0.06399$$

$$BEC = 0.1649$$

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	683.37	0.0001	P	4.9
2	☐	1.000	0.769	4215.58	0.0006	P	4.0
3	☐	250.000	226.188	1046621.10	0.1588	P	4.5
4	☐	625.000	609.194	2870929.52	0.4276	A	0.9
5	☐	1250.000	1227.407	5799840.76	0.8615	A	4.5
6	☐	2500.000	2514.130	11293432.66	1.7645	A	3.6
7	☐	5000.000	5001.749	23523923.67	3.5103	A	3.5
8	☐			7061.31	0.0012	P	9.5

$$y = 7.0179E-004 * x + 1.0172E-004$$

$$R = 1.0000$$

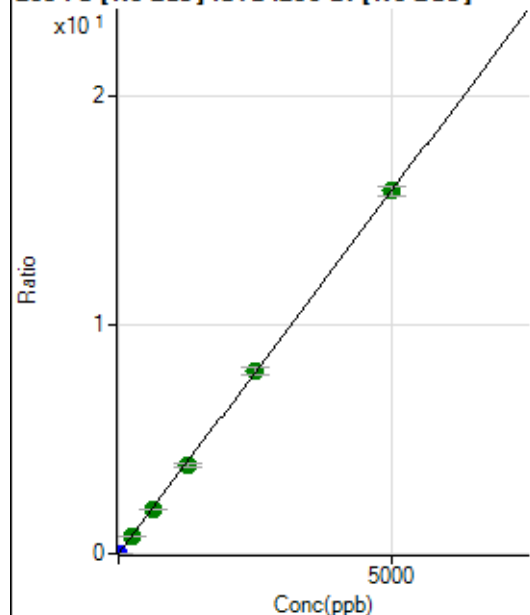
$$DL = 0.02135$$

$$BEC = 0.1449$$

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	3439.16	0.0005	P	8.7
2	☐	1.000	0.774	19498.71	0.0030	P	2.0
3	☐	250.000	237.416	4967357.38	0.7537	A	3.4
4	☐	625.000	609.505	12984696.90	1.9341	A	2.0
5	☐	1250.000	1220.523	26074557.13	3.8726	A	3.5
6	☐	2500.000	2520.133	51168385.87	7.9956	A	4.1
7	☐	5000.000	4999.869	106308192.1	15.8624	A	2.6
8	☐			32868.77	0.0057	P	7.1

$$y = 0.0032 * x + 5.1212E-004$$

$$R = 1.0000$$

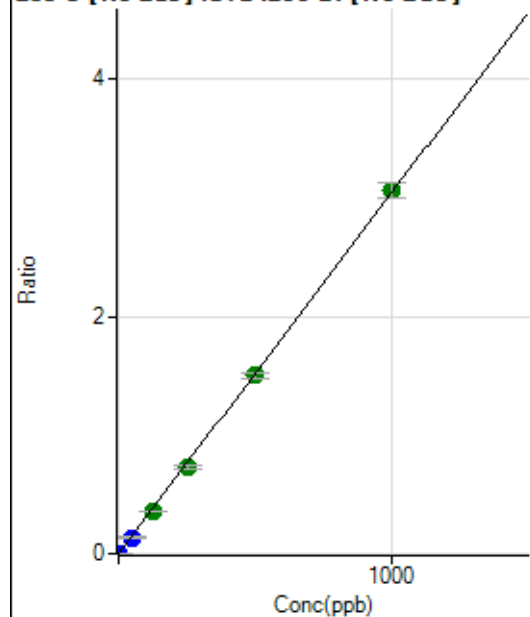
$$DL = 0.04212$$

$$BEC = 0.1614$$

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	91.67	0.0000	P	133.9
2	☐	1.000	0.803	16138.54	0.0025	P	1.6
3	☐	50.000	44.678	895564.57	0.1359	P	4.0
4	☐	125.000	117.260	2394117.57	0.3566	A	1.9
5	☐	250.000	241.906	4952213.83	0.7357	A	4.8
6	☐	500.000	493.578	9608487.54	1.5011	A	4.1
7	☐	1000.000	1006.468	20504714.69	3.0610	A	4.2
8	☐			2064.12	0.0004	P	13.7

$$y = 0.0030 * x + 1.3550E-005$$

$$R = 0.9999$$

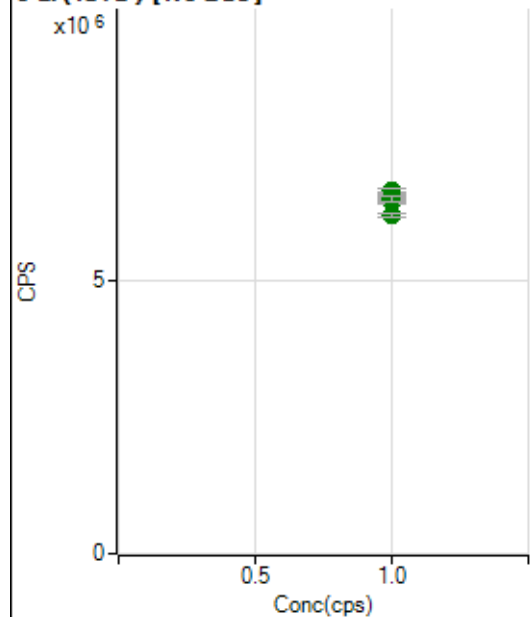
$$DL = 0.01789$$

$$BEC = 0.004455$$

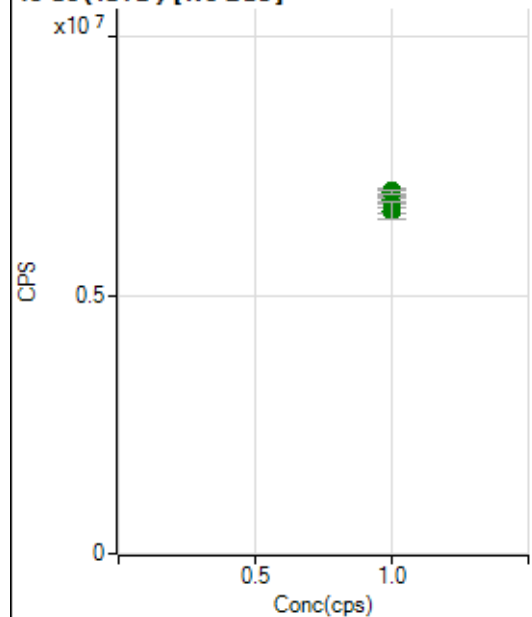
Weight: <None>

Min Conc: 0

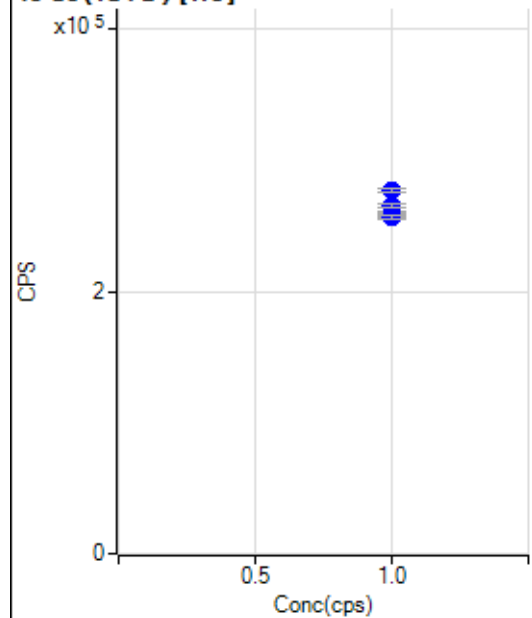
6 Li (ISTD) [No Gas]



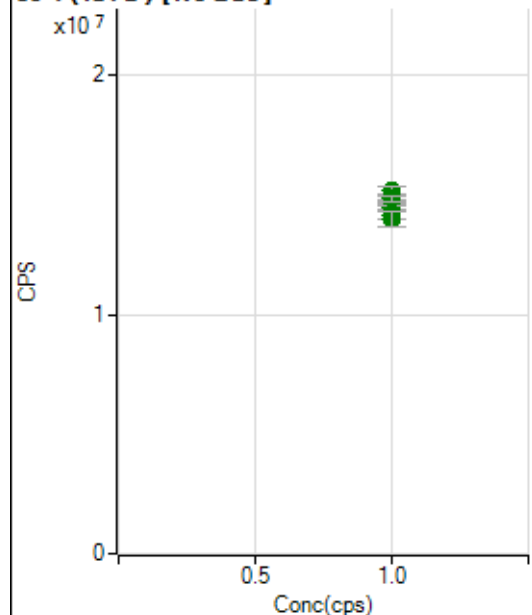
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6574853.68		A	2.1
2	☐	1.000		6467465.59		A	0.7
3	☐	1.000		6572137.51		A	1.1
4	☐	1.000		6488318.66		A	1.5
5	☐	1.000		6660286.22		A	1.5
6	☐	1.000		6497889.49		A	2.1
7	☐	1.000		6523868.85		A	1.4
8	☐	1.000		6204187.77		A	1.2

45 Sc (ISTD) [No Gas]

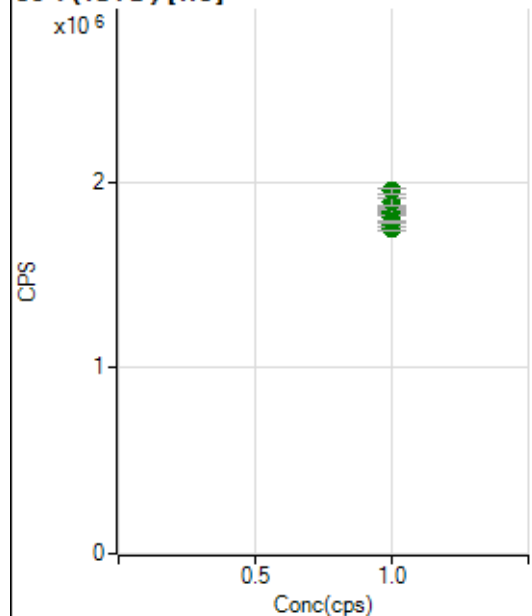
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6693537.19		A	0.4
2	☐	1.000		6632500.32		A	1.9
3	☐	1.000		6841926.15		A	1.1
4	☐	1.000		6840546.15		A	2.2
5	☐	1.000		6850337.67		A	1.1
6	☐	1.000		6635704.90		A	4.9
7	☐	1.000		7015703.99		A	1.7
8	☐	1.000		6994338.51		A	0.9

45 Sc (ISTD) [He]

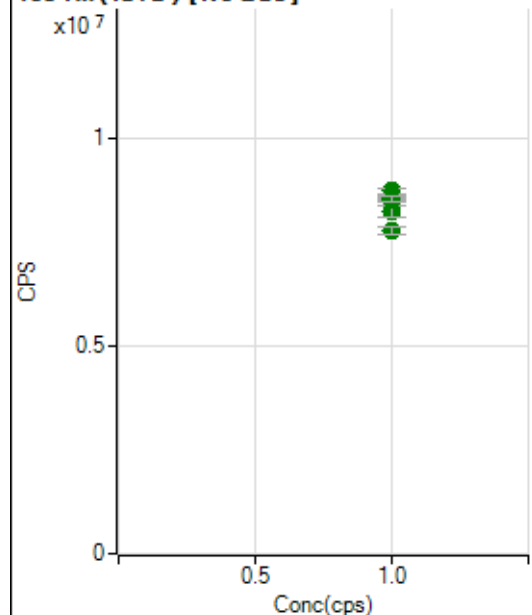
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		257072.28		P	0.5
2	☐	1.000		257819.95		P	1.8
3	☐	1.000		258908.82		P	1.5
4	☐	1.000		259435.37		P	0.5
5	☐	1.000		256810.99		P	0.3
6	☐	1.000		256684.15		P	1.4
7	☐	1.000		265766.41		P	0.9
8	☐	1.000		276660.25		P	0.9

89 Y (ISTD) [No Gas]

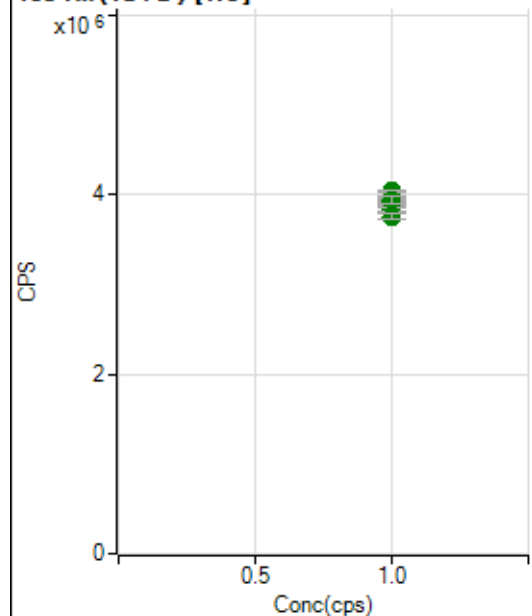
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14584089.78		A	0.7
2	☐	1.000		14152564.23		A	2.4
3	☐	1.000		14460715.34		A	1.1
4	☐	1.000		14552479.09		A	3.1
5	☐	1.000		14690485.75		A	1.4
6	☐	1.000		13991355.76		A	4.2
7	☐	1.000		15176489.50		A	2.0
8	☐	1.000		14846694.22		A	2.1

89 Y (ISTD) [He]

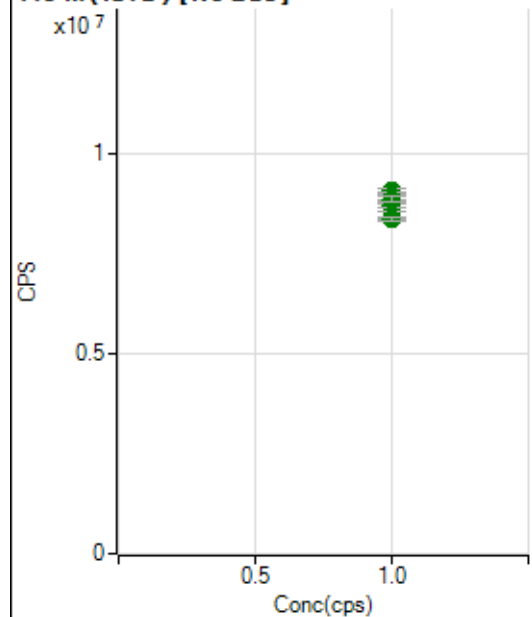
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1770819.17		A	0.9
2	☐	1.000		1753095.50		A	1.3
3	☐	1.000		1816551.95		A	3.0
4	☐	1.000		1847148.81		A	1.9
5	☐	1.000		1836669.83		A	1.4
6	☐	1.000		1787100.82		A	0.8
7	☐	1.000		1893315.89		A	2.4
8	☐	1.000		1953606.88		A	1.6

103 Rh (ISTD) [No Gas]

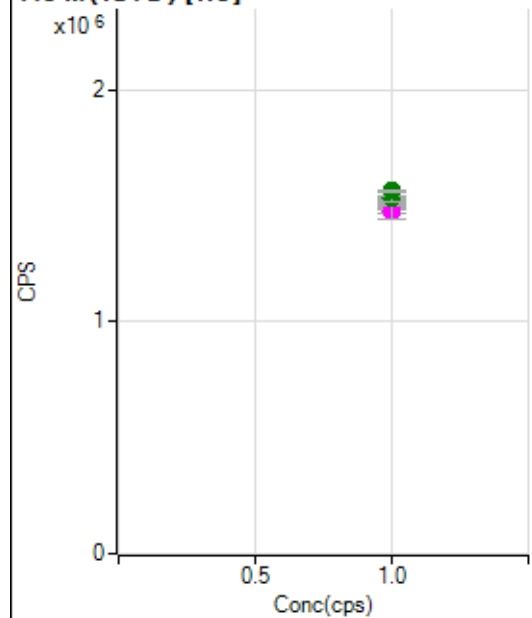
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8748641.60		A	1.2
2	☐	1.000		8484465.99		A	1.9
3	☐	1.000		8556215.12		A	2.1
4	☐	1.000		8662697.76		A	0.6
5	☐	1.000		8607893.25		A	2.0
6	☐	1.000		8240269.97		A	3.2
7	☐	1.000		8553048.63		A	1.9
8	☐	1.000		7796607.29		A	2.2

103 Rh (ISTD) [He]

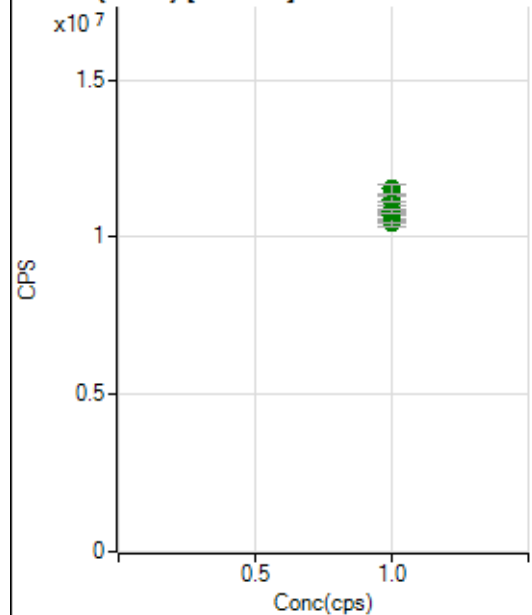
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3899403.24		A	1.1
2	☐	1.000		3898020.57		A	2.3
3	☐	1.000		3945318.93		A	1.2
4	☐	1.000		4035650.91		A	0.2
5	☐	1.000		3918866.40		A	1.6
6	☐	1.000		3828487.72		A	1.0
7	☐	1.000		3930470.71		A	2.1
8	☐	1.000		3748097.38		A	1.5

115 In (ISTD) [No Gas]

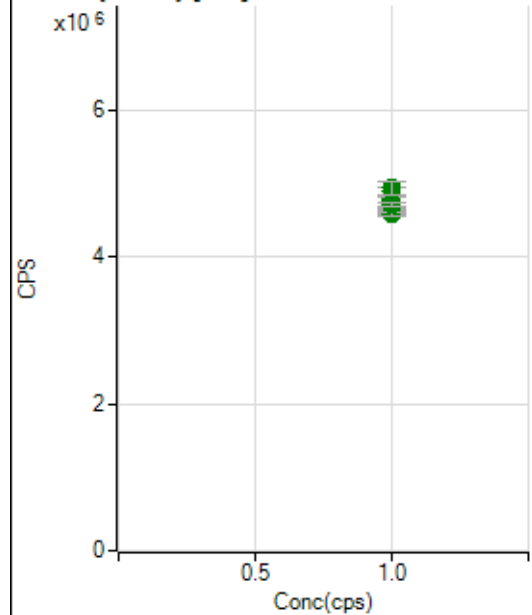
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9068329.56		A	1.6
2	☐	1.000		8370299.86		A	0.6
3	☐	1.000		8709865.52		A	0.8
4	☐	1.000		8702810.04		A	1.1
5	☐	1.000		8945953.20		A	2.1
6	☐	1.000		8418477.47		A	2.8
7	☐	1.000		8851471.95		A	1.6
8	☐	1.000		8354175.12		A	1.0

115 In (ISTD) [He]

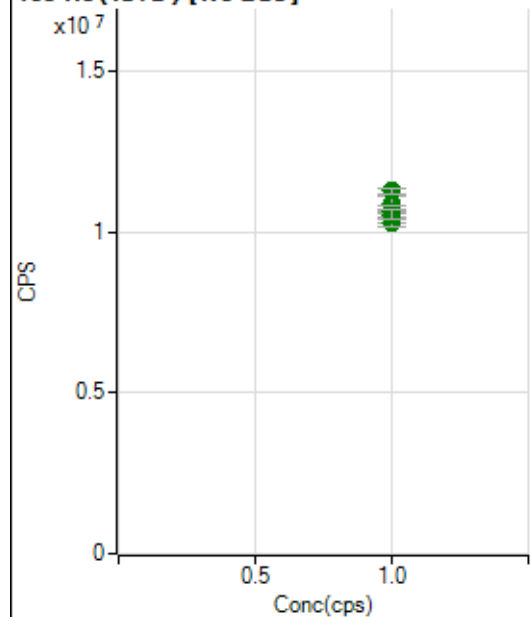
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1492828.98		M	3.3
2	☐	1.000		1490016.66		M	3.1
3	☐	1.000		1494414.28		A	1.1
4	☐	1.000		1527432.74		A	0.6
5	☐	1.000		1502362.70		A	1.4
6	☐	1.000		1473196.78		M	3.6
7	☐	1.000		1531942.83		A	1.3
8	☐	1.000		1565493.59		A	0.9

159 Tb (ISTD) [No Gas]

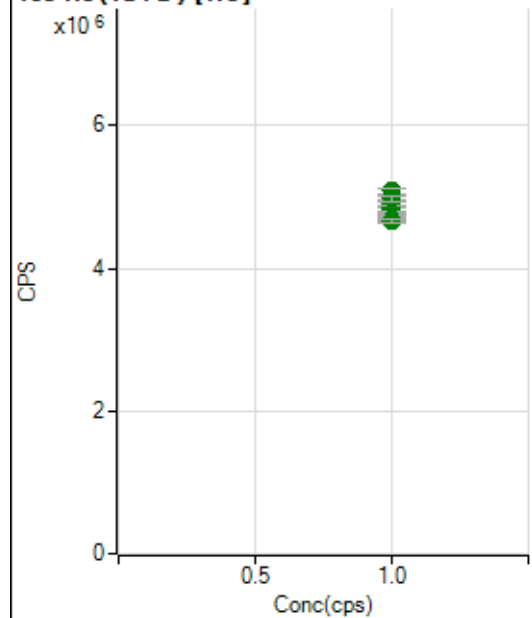
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10753785.67		A	1.0
2	☐	1.000		10534975.26		A	0.6
3	☐	1.000		10464349.22		A	2.1
4	☐	1.000		10739739.08		A	0.9
5	☐	1.000		11199790.11		A	1.6
6	☐	1.000		10728231.02		A	4.8
7	☐	1.000		11538607.19		A	2.4
8	☐	1.000		10836312.54		A	1.3

159 Tb (ISTD) [He]

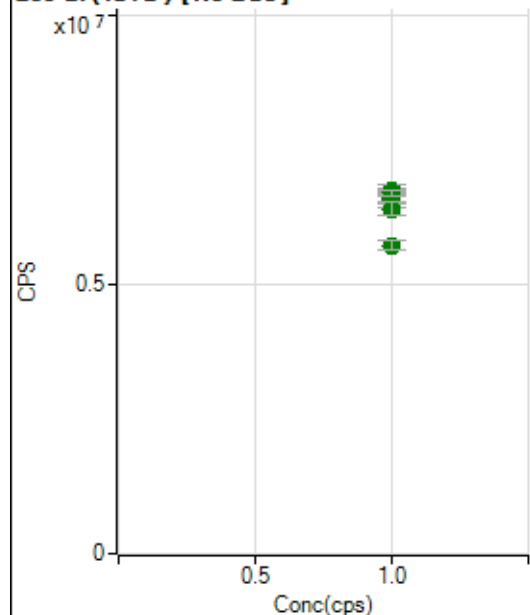
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4606052.88		A	2.4
2	☐	1.000		4617506.88		A	1.1
3	☐	1.000		4586374.76		A	1.1
4	☐	1.000		4783161.18		A	2.1
5	☐	1.000		4778434.86		A	1.8
6	☐	1.000		4720361.81		A	1.0
7	☐	1.000		4893011.52		A	2.0
8	☐	1.000		4941303.26		A	3.5

165 Ho (ISTD) [No Gas]

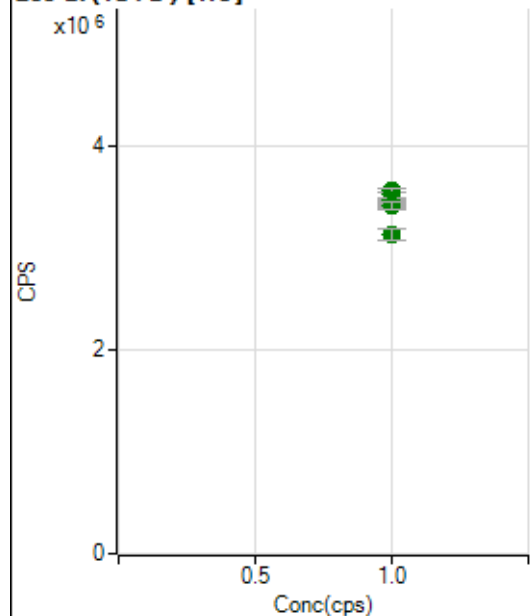
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10559182.27		A	0.1
2	☐	1.000		10251954.74		A	0.1
3	☐	1.000		10266744.58		A	1.9
4	☐	1.000		10659388.61		A	0.9
5	☐	1.000		10880415.61		A	4.1
6	☐	1.000		10603322.46		A	3.4
7	☐	1.000		11263973.86		A	1.5
8	☐	1.000		10524049.63		A	2.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4648454.20		A	0.5
2	☐	1.000		4739562.29		A	0.7
3	☐	1.000		4668064.93		A	0.9
4	☐	1.000		4812802.25		A	1.8
5	☐	1.000		4837695.83		A	1.7
6	☐	1.000		4912339.61		A	1.7
7	☐	1.000		5083830.03		A	1.5
8	☐	1.000		4971602.60		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6715450.11		A	1.3
2	☐	1.000		6573784.07		A	4.3
3	☐	1.000		6595257.05		A	3.1
4	☐	1.000		6714075.32		A	1.8
5	☐	1.000		6737567.88		A	3.1
6	☐	1.000		6406553.93		A	4.0
7	☐	1.000		6701996.84		A	1.7
8	☐	1.000		5729404.78		A	3.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3431568.59		A	1.0
2	☐	1.000		3418250.30		A	1.3
3	☐	1.000		3443408.59		A	1.4
4	☐	1.000		3553936.82		A	1.1
5	☐	1.000		3514284.18		A	3.7
6	☐	1.000		3457909.60		A	1.4
7	☐	1.000		3410326.34		A	2.4
8	☐	1.000		3123045.96		A	3.4