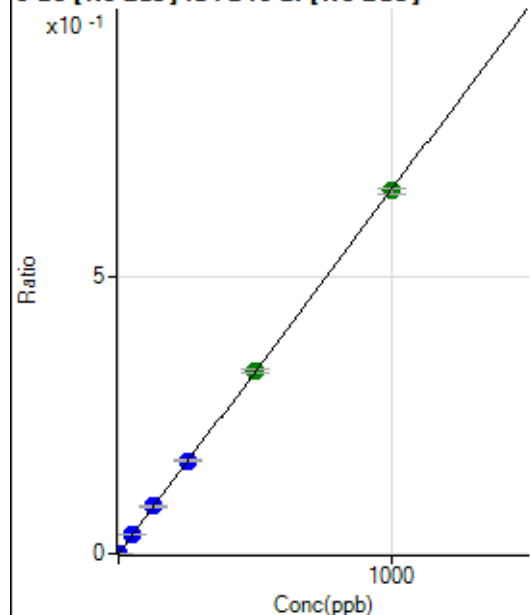


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011723 MS.b\
Analysis File: P8011723 MS.batch.bin
DA Date-Time: 2023-01-17 15:25:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-01-17 12:54:50
2	005CALS.d	S02	2023-01-17 12:58:00
3	006CALS.d	S03	2023-01-17 13:01:14
4	007CALS.d	S04	2023-01-17 13:04:20
5	008CALS.d	S05	2023-01-17 13:07:28
6	009CALS.d	S06	2023-01-17 13:10:35
7	010CALS.d	S07	2023-01-17 13:13:43
8	011CALS.d	S08	2023-01-17 13:16:50

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.91	0.0000	P	8.3
2	☐	1.000	1.076	2517.41	0.0007	P	1.1
3	☐	50.000	51.389	114906.70	0.0337	P	1.0
4	☐	125.000	129.893	282488.28	0.0851	P	1.6
5	☐	250.000	255.183	555724.10	0.1672	P	1.6
6	☐	500.000	502.504	1091088.25	0.3292	A	1.9
7	☐	1000.000	996.771	2146518.20	0.6531	A	1.3
8	☐			885.75	0.0003	P	5.5

$$y = 6.5515\text{E-}004 * x + 3.2928\text{E-}005$$

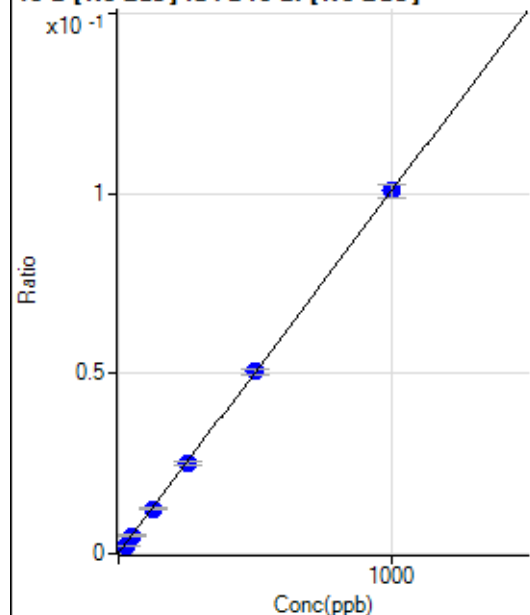
$$R = 1.0000$$

$$DL = 0.01252$$

$$BEC = 0.05026$$

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	415.26	0.0001	P	3.2
2	☐	25.000	21.781	7903.92	0.0023	P	4.4
3	☐	50.000	49.105	17260.08	0.0051	P	3.0
4	☐	125.000	122.450	41247.50	0.0124	P	4.0
5	☐	250.000	249.289	83647.29	0.0252	P	5.0
6	☐	500.000	500.759	167220.14	0.0504	P	3.9
7	☐	1000.000	1000.242	330776.18	0.1006	P	3.4
8	☐			23952.16	0.0075	P	9.4

$$y = 1.0049\text{E-}004 * x + 1.2671\text{E-}004$$

$$R = 1.0000$$

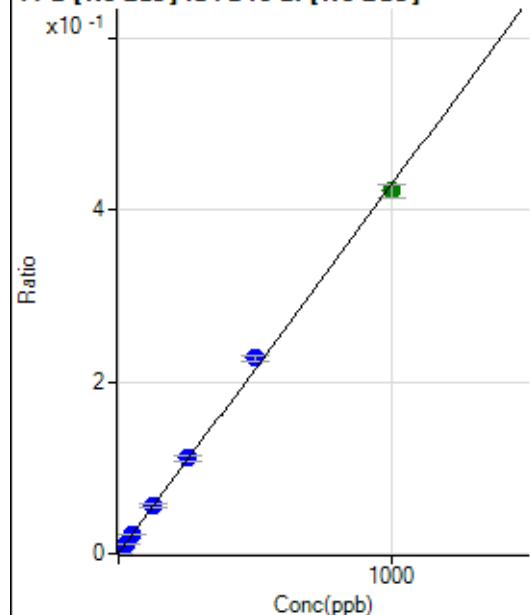
$$DL = 0.1193$$

$$BEC = 1.261$$

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	1836.42	0.0006	P	2.6
2	☐	25.000	22.994	35602.63	0.0104	P	4.4
3	☐	50.000	50.861	76358.23	0.0224	P	3.1
4	☐	125.000	129.090	185703.91	0.0560	P	4.2
5	☐	250.000	257.158	368591.53	0.1109	P	4.8
6	☐	500.000	528.988	754461.01	0.2276	P	3.1
7	☐	1000.000	983.213	1388882.55	0.4226	A	4.0
8	☐			107902.58	0.0336	P	10.0

$$y = 4.2925E-004 * x + 5.6034E-004$$

$$R = 0.9993$$

$$DL = 0.1026$$

$$BEC = 1.305$$

Weight: <None>

Min Conc: 0

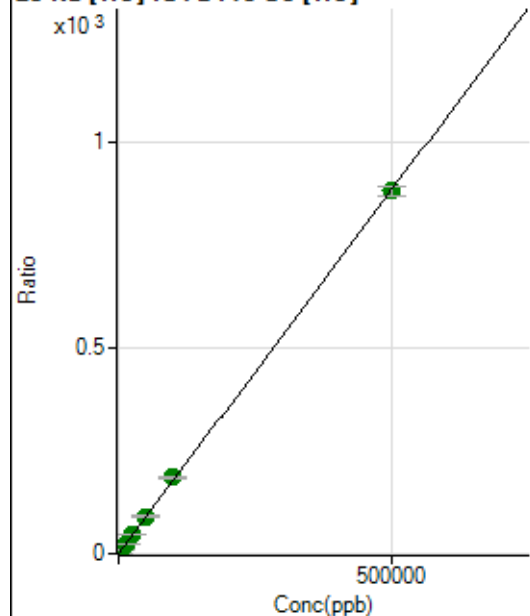
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6954607.53		A	1.2
2	☐			6926180.89		A	0.3
3	☐			6688429.75		A	0.3
4	☐			6565677.79		A	1.3
5	☐			6633341.51		A	1.0
6	☐			6764053.80		A	0.8
7	☐			6794752.76		A	0.4
8	☐			6493735.65		A	2.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70768.35		P	1.0
2	☐			71641.45		P	0.9
3	☐			69082.36		P	0.8
4	☐			68828.39		P	0.3
5	☐			70664.56		P	0.9
6	☐			71861.91		P	1.3
7	☐			75214.78		P	1.7
8	☐			71624.84		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13868.05	0.1232	P	2.1
2	☐	500.000	503.477	114215.92	1.0127	P	1.6
3	☐	5000.000	5156.171	1047585.38	9.2328	A	1.9
4	☐	12500.000	12789.570	2543742.98	22.7189	A	0.4
5	☐	25000.000	25762.707	5086554.76	45.6388	A	3.0
6	☐	50000.000	51367.976	10103191.89	90.8762	A	2.1
7	☐	100000.00	104532.26	20763502.03	184.8027	A	0.7
8	☐	500000.00	498909.81	101183382.8	881.5584	A	2.5

$$y = 0.0018 * x + 0.1232$$

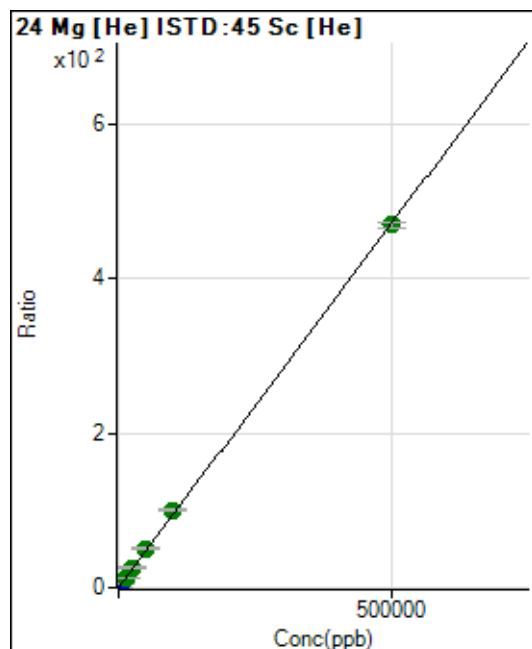
$$R = 1.0000$$

$$DL = 4.351$$

$$BEC = 69.76$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	336.13	0.0030	P	16.5
2	☐	500.000	524.414	56139.79	0.4978	P	1.4
3	☐	5000.000	5374.388	575777.11	5.0738	P	1.8
4	☐	12500.000	13929.915	1471795.42	13.1460	A	1.1
5	☐	25000.000	27564.090	2898896.53	26.0099	A	3.9
6	☐	50000.000	53237.076	5584370.27	50.2326	A	3.4
7	☐	100000.00	106745.60	11316850.60	100.7184	A	2.1
8	☐	500000.00	498159.45	53948181.07	470.0206	A	1.7

$$y = 9.4351\text{E-}004 * x + 0.0030$$

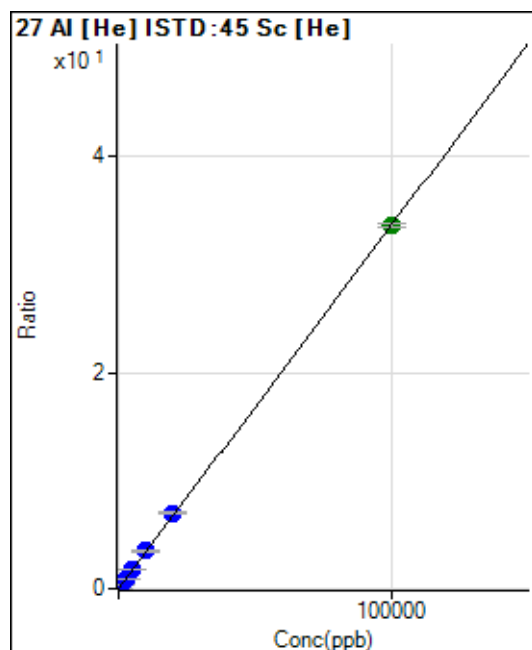
$$R = 0.9999$$

$$DL = 1.565$$

$$BEC = 3.166$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.41	0.0007	P	2.0
2	☐	20.000	22.329	928.25	0.0082	P	3.2
3	☐	1000.000	1058.912	40534.83	0.3572	P	0.7
4	☐	2500.000	2616.156	98687.03	0.8813	P	1.0
5	☐	5000.000	5214.617	195723.26	1.7560	P	2.0
6	☐	10000.000	10427.047	390279.27	3.5106	P	2.4
7	☐	20000.000	20749.085	784861.59	6.9851	P	2.1
8	☐	100000.00	99793.254	3855686.93	33.5924	A	1.0

$$y = 3.3661\text{E-}004 * x + 7.1469\text{E-}004$$

$$R = 1.0000$$

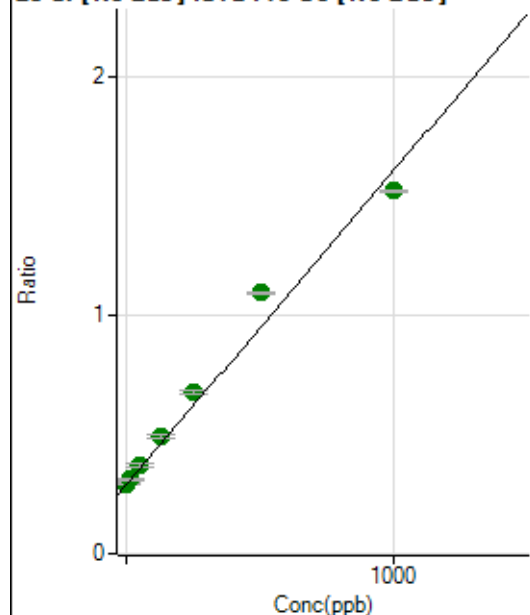
$$DL = 0.1289$$

$$BEC = 2.123$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1118969.69	0.2936	A	2.6
2	☐	10.000	13.787	1156469.74	0.3118	A	1.1
3	☐	50.000	57.845	1411011.23	0.3697	A	2.9
4	☐	125.000	148.120	1866071.77	0.4885	A	3.3
5	☐	250.000	293.548	2590370.17	0.6797	A	2.6
6	☐	500.000	606.843	4072643.15	1.0918	A	0.5
7	☐	1000.000	932.371	5800648.31	1.5199	A	0.2
8	☐			1094380.30	0.2866	A	1.7

$$y = 0.0013 * x + 0.2936$$

$$R = 0.9898$$

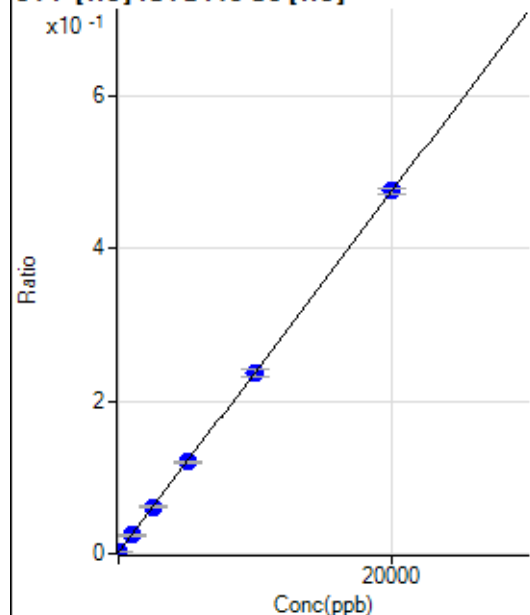
$$DL = 17.47$$

$$BEC = 223.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-8.729	211.12	0.0019	P	26.1
2	☐	0.000	8.729	258.34	0.0023	P	14.6
3	☐	1000.000	948.962	2780.91	0.0245	P	7.9
4	☐	2500.000	2523.824	6904.57	0.0617	P	2.4
5	☐	5000.000	5010.335	13414.86	0.1204	P	2.0
6	☐	10000.000	9926.732	26285.42	0.2364	P	4.1
7	☐	20000.000	20033.624	53373.92	0.4750	P	1.7
8	☐			233.34	0.0020	P	22.4

$$y = 2.3606E-005 * x + 0.0021$$

$$R = 1.0000$$

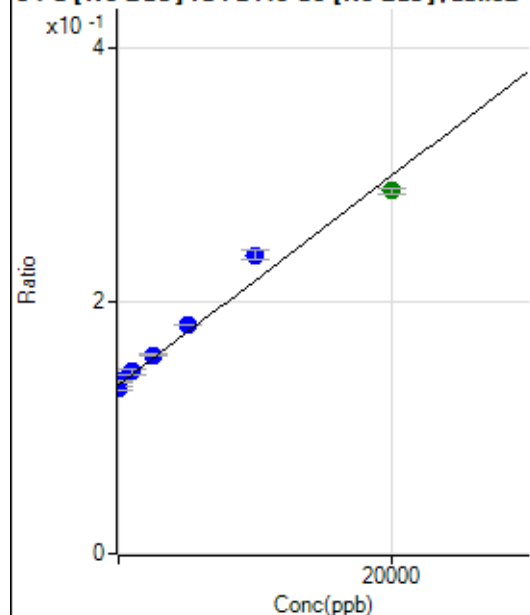
$$DL = 52.4$$

$$BEC = 88.29$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-342.938	497927.83	0.1307	P	2.7
2	☐	0.000	342.938	505739.84	0.1363	P	1.0
3	☐	1000.000	1237.160	548515.40	0.1437	P	2.7
4	☐	2500.000	2845.353	600034.23	0.1570	P	1.0
5	☐	5000.000	5763.550	690609.54	0.1812	P	0.3
6	☐	10000.000	12417.071	880926.66	0.2362	P	3.1
7	☐	20000.000	18545.550	1095005.19	0.2870	A	1.5
8	☐			444714.85	0.1164	P	0.8

$$y = 8.2742\text{E-}006 * x + 0.1335$$

$$R = 0.9872$$

$$DL = 890.6$$

$$BEC = 1.613\text{E}+04$$

Weight: <None>

Min Conc: 0

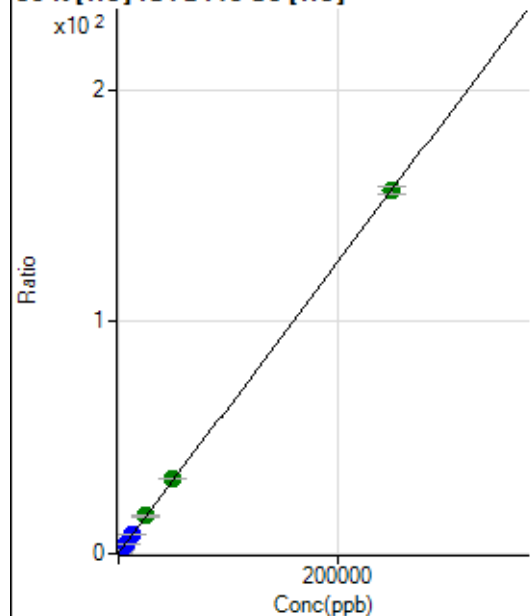
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			168559.20		P	0.7
2	☐			169854.34		P	0.5
3	☐			172411.99		P	0.9
4	☐			174368.58		P	1.1
5	☐			175560.10		P	1.4
6	☐			180644.37		P	0.6
7	☐			182020.82		P	1.6
8	☐			172257.22		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1144.52		P	8.0
2	☐			1091.74		P	9.7
3	☐			1058.40		P	11.6
4	☐			1155.63		P	20.3
5	☐			1072.29		P	8.2
6	☐			1158.41		P	0.7
7	☐			1150.07		P	11.2
8	☐			1036.18		P	9.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24031.58	0.2136	P	1.1
2	☐	500.000	496.440	59121.61	0.5242	P	1.8
3	☐	2500.000	2538.744	204502.72	1.8022	P	1.4
4	☐	6250.000	6498.939	479279.77	4.2804	P	0.9
5	☐	12500.000	12605.506	903074.05	8.1017	P	1.4
6	☐	25000.000	25534.966	1800283.59	16.1926	A	2.0
7	☐	50000.000	51626.946	3654023.00	32.5201	A	1.2
8	☐	250000.00	249609.23	17951414.46	156.4113	A	2.0

$$y = 6.2577E-004 * x + 0.2136$$

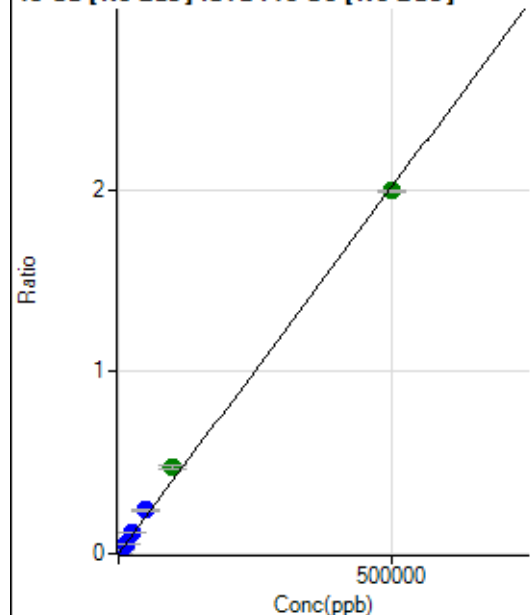
$$R = 1.0000$$

$$DL = 11.35$$

$$BEC = 341.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.64	0.0001	P	10.0
2	☐	500.000	530.423	8152.13	0.0022	P	1.0
3	☐	5000.000	5809.600	89505.86	0.0235	P	2.3
4	☐	12500.000	14311.562	220386.25	0.0577	P	1.3
5	☐	25000.000	28861.711	443154.55	0.1163	P	1.2
6	☐	50000.000	59206.468	889213.90	0.2384	P	2.0
7	☐	100000.00	118673.81	1822971.43	0.4779	A	4.0
8	☐	500000.00	495098.09	7613615.55	1.9934	A	0.8

$$y = 4.0261\text{E-}006 * x + 6.2006\text{E-}005$$

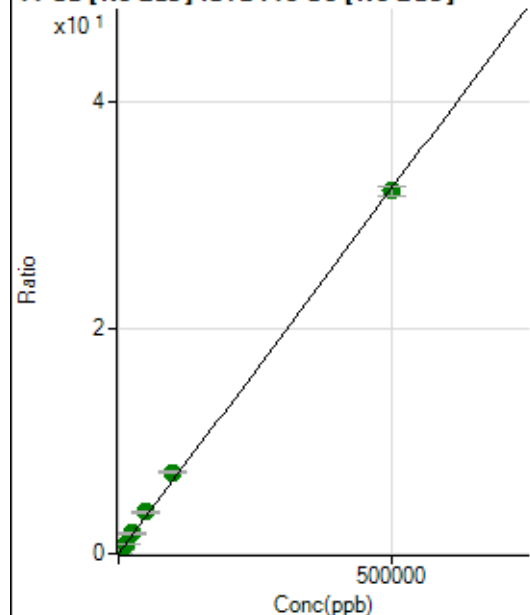
$$R = 0.9992$$

$$DL = 4.599$$

$$BEC = 15.4$$

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	12731.97	0.0033	P	3.6
2	☐	500.000	540.661	142020.39	0.0383	P	1.6
3	☐	5000.000	5653.130	1407953.82	0.3687	A	0.4
4	☐	12500.000	13885.639	3442318.08	0.9009	A	0.9
5	☐	25000.000	27782.422	6858048.69	1.7991	A	1.7
6	☐	50000.000	56799.922	13706658.15	3.6747	A	1.6
7	☐	100000.00	111030.74	27397389.95	7.1801	A	2.1
8	☐	500000.00	496933.52	122679236.9	32.1237	A	2.7

$$y = 6.4637\text{E-}005 * x + 0.0033$$

$$R = 0.9997$$

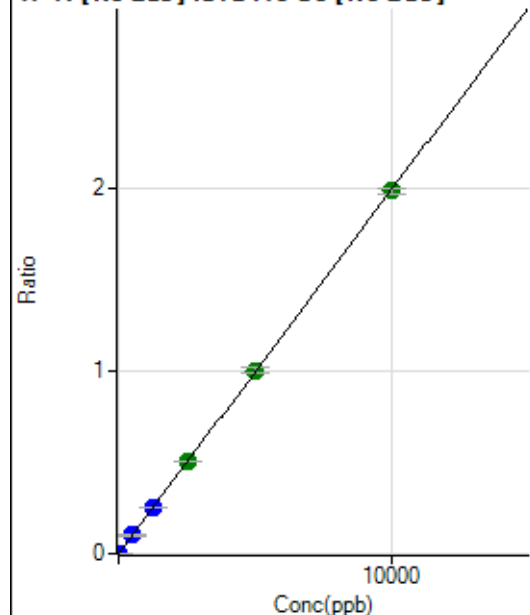
$$DL = 5.548$$

$$BEC = 51.7$$

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	186.12	0.0000	P	13.3
2	☐	5.000	5.359	4139.61	0.0011	P	5.1
3	☐	500.000	508.037	386089.29	0.1012	P	2.7
4	☐	1250.000	1266.576	963458.20	0.2522	P	1.1
5	☐	2500.000	2523.847	1914994.84	0.5024	A	0.3
6	☐	5000.000	5040.043	3741322.65	1.0033	A	2.8
7	☐	10000.000	9971.543	7574022.05	1.9849	A	1.3
8	☐			6229.30	0.0016	P	1.8

$$y = 1.9905\text{E-}004 * x + 4.8903\text{E-}005$$

$$R = 1.0000$$

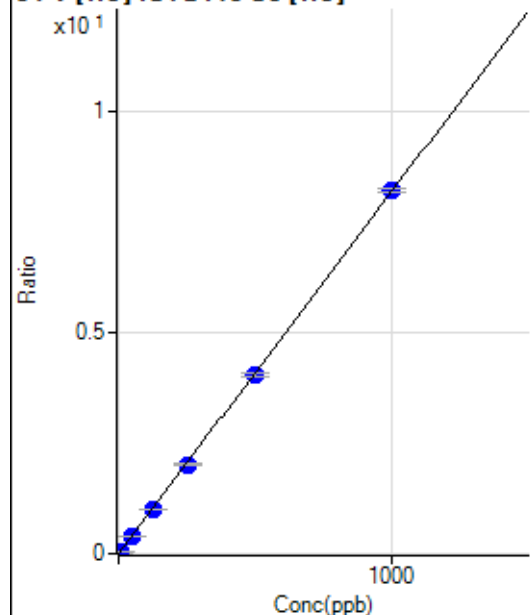
$$DL = 0.09795$$

$$BEC = 0.2457$$

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	12.22	0.0001	P	42.6
2	☐	5.000	4.842	4480.75	0.0397	P	1.7
3	☐	50.000	49.611	46071.83	0.4061	P	2.7
4	☐	125.000	124.195	113790.45	1.0163	P	0.5
5	☐	250.000	246.797	225101.60	2.0196	P	2.8
6	☐	500.000	495.675	450949.06	4.0560	P	1.6
7	☐	1000.000	1003.084	922268.12	8.2080	P	1.0
8	☐			1621.22	0.0141	P	5.0

$$y = 0.0082 * x + 1.0899\text{E-}004$$

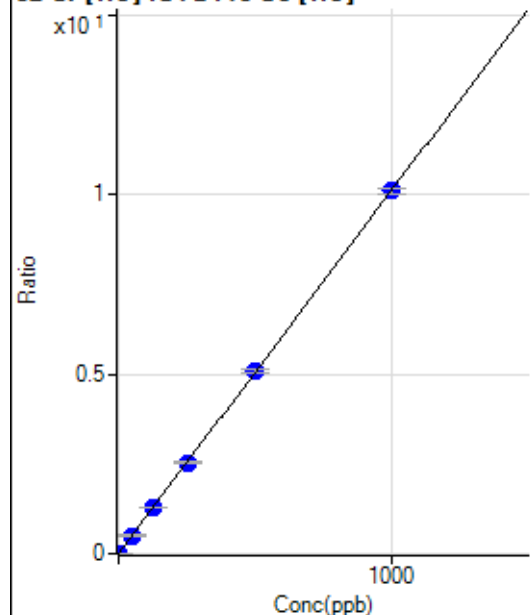
$$R = 1.0000$$

$$DL = 0.01701$$

$$BEC = 0.01332$$

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	393.34	0.0035	P	15.2
2	☐	2.000	1.930	2598.04	0.0230	P	7.9
3	☐	50.000	49.954	57754.17	0.5090	P	2.2
4	☐	125.000	126.412	143629.82	1.2828	P	0.6
5	☐	250.000	249.898	282262.07	2.5324	P	2.6
6	☐	500.000	501.143	564218.72	5.0750	P	2.0
7	☐	1000.000	999.280	1136703.48	10.1161	P	1.8
8	☐			10368.30	0.0903	P	0.9

$$y = 0.0101 * x + 0.0035$$

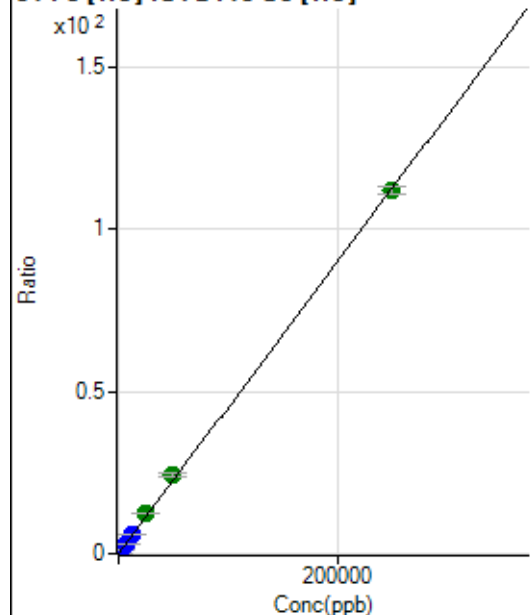
$$R = 1.0000$$

$$DL = 0.1576$$

$$BEC = 0.3458$$

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	611.13	0.0054	P	12.0
2	☐	50.000	53.875	3344.89	0.0297	P	4.6
3	☐	2500.000	2704.351	138681.31	1.2219	P	0.5
4	☐	6250.000	6768.711	341498.64	3.0501	P	1.3
5	☐	12500.000	13368.672	670826.89	6.0188	P	2.3
6	☐	25000.000	27539.694	1377865.57	12.3930	A	1.2
7	☐	50000.000	53915.839	2725793.12	24.2572	A	3.2
8	☐	250000.00	248904.41	12850653.87	111.9648	A	2.2

$$y = 4.4981E-004 * x + 0.0054$$

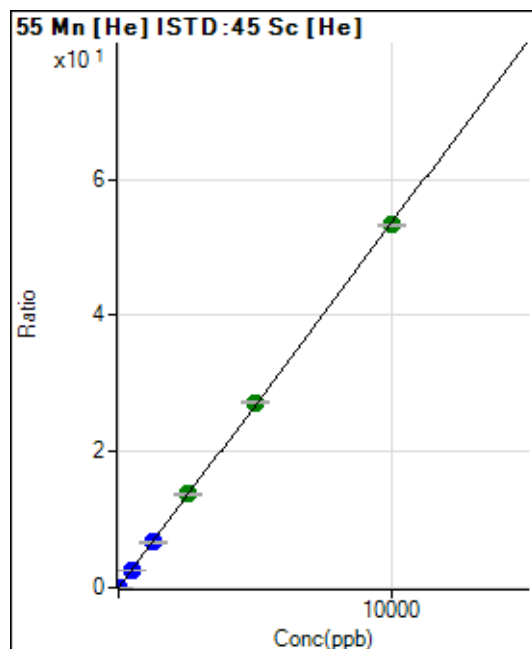
$$R = 0.9998$$

$$DL = 4.349$$

$$BEC = 12.06$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0005	P	21.0
2	☐	1.000	1.061	692.25	0.0061	P	1.2
3	☐	500.000	496.538	301992.91	2.6608	P	1.2
4	☐	1250.000	1242.673	745559.60	6.6583	P	1.4
5	☐	2500.000	2561.934	1530056.17	13.7265	A	0.7
6	☐	5000.000	5076.141	3023798.22	27.1969	A	1.0
7	☐	10000.000	9947.535	5988293.24	53.2963	A	0.2
8	☐			7179.64	0.0625	P	1.2

$$y = 0.0054 * x + 4.5497E-004$$

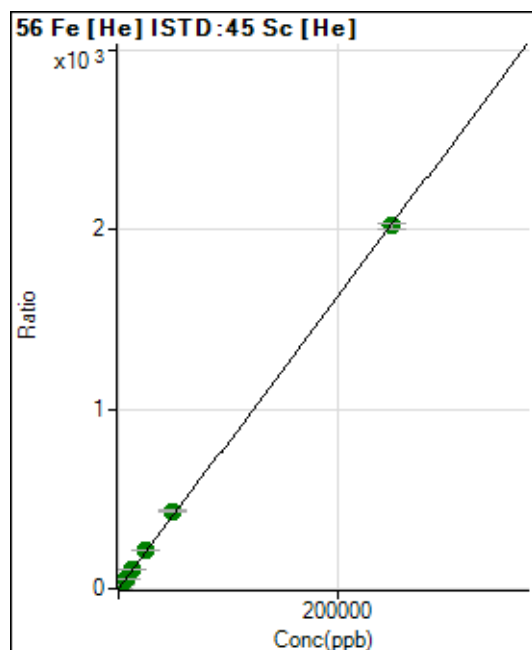
$$R = 0.9999$$

$$DL = 0.05353$$

$$BEC = 0.08492$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2737.34	0.0243	P	2.6
2	☐	50.000	51.784	50169.71	0.4448	P	0.5
3	☐	2500.000	2700.907	2492160.65	21.9573	A	0.7
4	☐	6250.000	6726.066	6119463.45	54.6441	A	2.7
5	☐	12500.000	13442.115	12168937.54	109.1825	A	3.0
6	☐	25000.000	26622.734	24039760.03	216.2172	A	2.2
7	☐	50000.000	53201.411	48547225.16	432.0522	A	1.8
8	☐	250000.00	249136.42	232200497.7	2023.164	A	1.9

$$y = 0.0081 * x + 0.0243$$

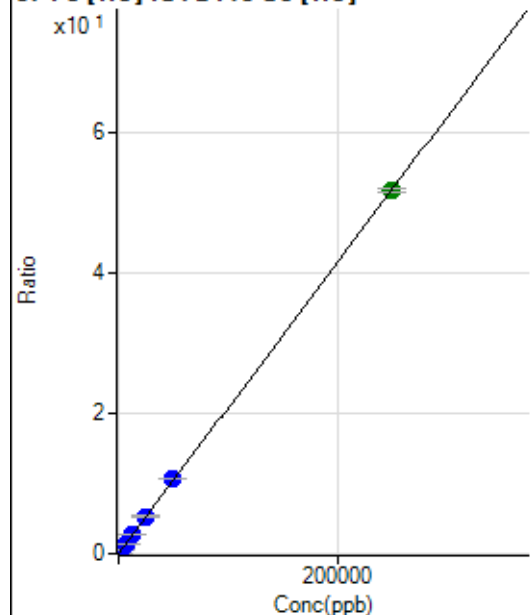
$$R = 0.9999$$

$$DL = 0.236$$

$$BEC = 2.996$$

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	257.41	0.0023	P	13.8
2	☐	50.000	49.558	1414.91	0.0125	P	1.5
3	☐	2500.000	2601.200	61367.41	0.5406	P	1.3
4	☐	6250.000	6513.157	151190.38	1.3501	P	2.0
5	☐	12500.000	12941.759	298764.38	2.6805	P	1.9
6	☐	25000.000	25600.550	589269.83	5.3001	P	2.9
7	☐	50000.000	51454.836	1196740.78	10.6505	P	1.8
8	☐	250000.00	249619.29	5929281.79	51.6590	A	1.1

$$y = 2.0694E-004 * x + 0.0023$$

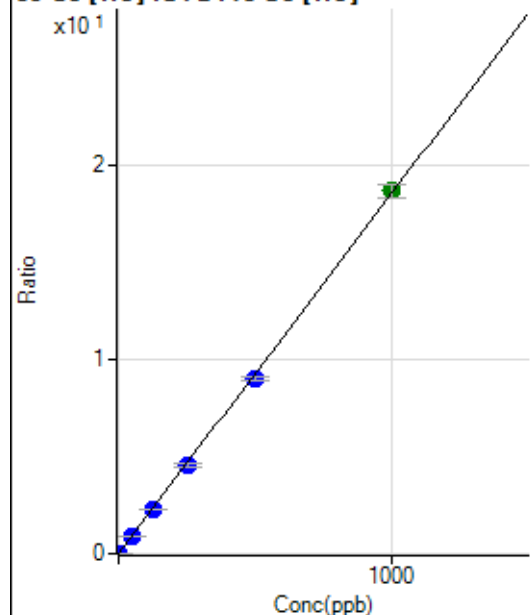
$$R = 1.0000$$

$$DL = 4.585$$

$$BEC = 11.07$$

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	128.89	0.0011	P	11.2
2	☐	1.000	1.011	2243.53	0.0199	P	4.3
3	☐	50.000	49.191	103635.90	0.9132	P	0.8
4	☐	125.000	123.030	255566.33	2.2823	P	2.5
5	☐	250.000	245.381	507202.66	4.5508	P	2.7
6	☐	500.000	487.749	1005518.80	9.0446	P	2.3
7	☐	1000.000	1007.567	2099106.57	18.6827	A	3.5
8	☐			2261.32	0.0197	P	6.7

$$y = 0.0185 * x + 0.0011$$

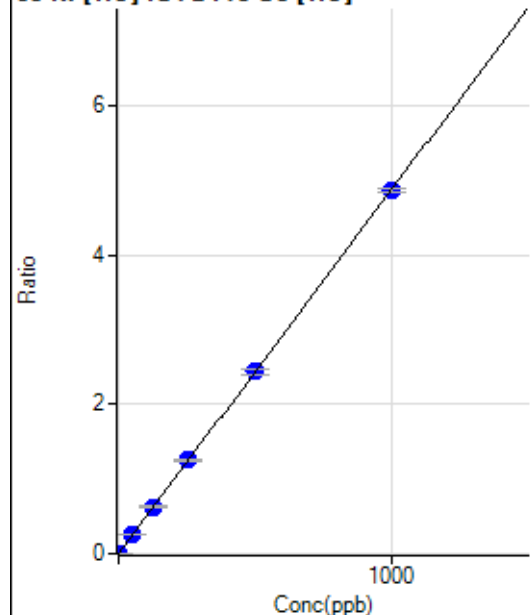
$$R = 0.9999$$

$$DL = 0.02068$$

$$BEC = 0.0618$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0003	P	13.6
2	☐	1.000	1.056	620.02	0.0055	P	3.7
3	☐	50.000	51.283	28450.82	0.2506	P	1.5
4	☐	125.000	129.210	70646.86	0.6309	P	1.3
5	☐	250.000	257.244	139965.78	1.2558	P	2.0
6	☐	500.000	501.581	272150.67	2.4482	P	3.1
7	☐	1000.000	996.808	546618.57	4.8650	P	1.1
8	☐			1711.23	0.0149	P	5.0

$$y = 0.0049 * x + 3.4574E-004$$

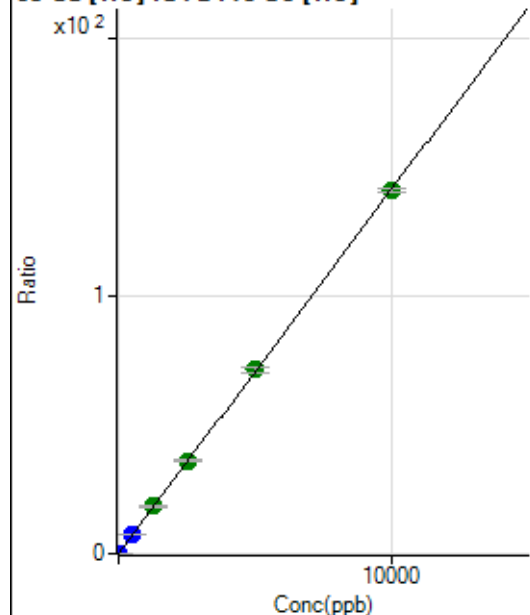
$$R = 1.0000$$

$$DL = 0.02888$$

$$BEC = 0.07084$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1062.27	0.0094	P	4.5
2	☐	2.000	2.151	4489.65	0.0398	P	2.9
3	☐	500.000	508.845	816628.94	7.1959	P	1.3
4	☐	1250.000	1299.041	2055551.90	18.3559	A	2.2
5	☐	2500.000	2548.170	4012204.83	35.9975	A	1.9
6	☐	5000.000	5044.672	7921957.52	71.2559	A	2.3
7	☐	10000.000	9959.049	15804153.79	140.6621	A	1.2
8	☐			8200.24	0.0714	P	4.5

$$y = 0.0141 * x + 0.0094$$

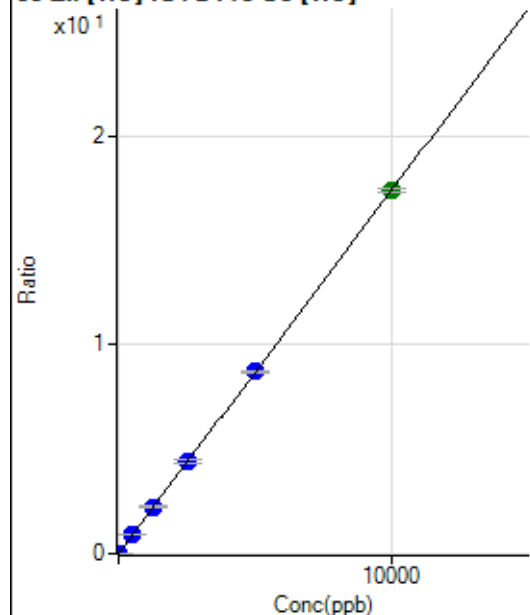
$$R = 1.0000$$

$$DL = 0.08983$$

$$BEC = 0.6683$$

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	112.22	0.0010	P	16.3
2	☐	2.000	2.510	605.57	0.0054	P	5.2
3	☐	500.000	513.936	101669.97	0.8958	P	1.4
4	☐	1250.000	1286.230	250877.68	2.2404	P	1.6
5	☐	2500.000	2525.508	490171.12	4.3981	P	3.5
6	☐	5000.000	5004.059	968789.30	8.7135	P	1.5
7	☐	10000.000	9986.368	1953607.28	17.3881	A	1.0
8	☐			1984.60	0.0173	P	1.1

$$y = 0.0017 * x + 9.9861E-004$$

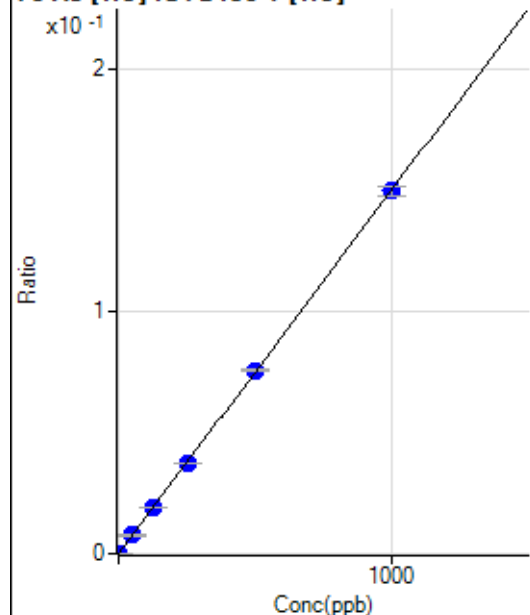
$$R = 1.0000$$

$$DL = 0.2813$$

$$BEC = 0.5736$$

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	5.00	0.0000	P	34.6
2	☐	1.000	1.005	128.68	0.0002	P	14.4
3	☐	50.000	50.400	6216.00	0.0076	P	0.9
4	☐	125.000	125.716	15408.27	0.0188	P	1.9
5	☐	250.000	248.981	30346.83	0.0373	P	1.0
6	☐	500.000	503.842	60976.89	0.0755	P	1.1
7	☐	1000.000	998.224	122192.21	0.1496	P	2.7
8	☐			101.34	0.0001	P	9.7

$$y = 1.4986E-004 * x + 6.0132E-006$$

$$R = 1.0000$$

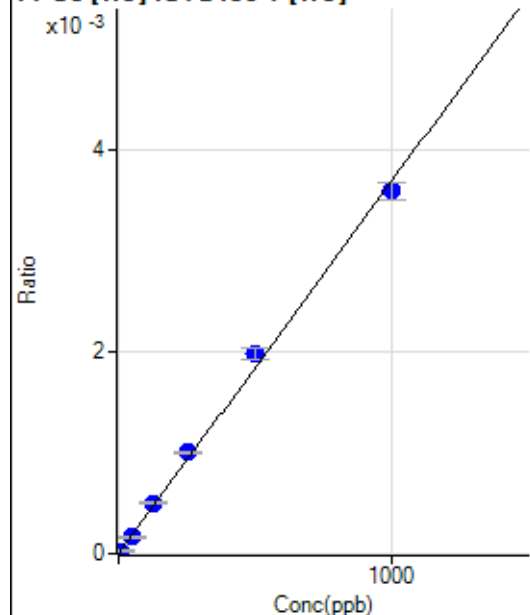
$$DL = 0.04168$$

$$BEC = 0.04013$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.213	18.89	0.0000	P	49.5
3	☐	50.000	45.161	136.67	0.0002	P	6.2
4	☐	125.000	136.461	411.12	0.0005	P	3.7
5	☐	250.000	273.094	817.81	0.0010	P	2.4
6	☐	500.000	536.847	1595.66	0.0020	P	6.4
7	☐	1000.000	974.606	2931.45	0.0036	P	4.7
8	☐			5.56	0.0000	P	91.2

$$y = 3.6824\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9985$$

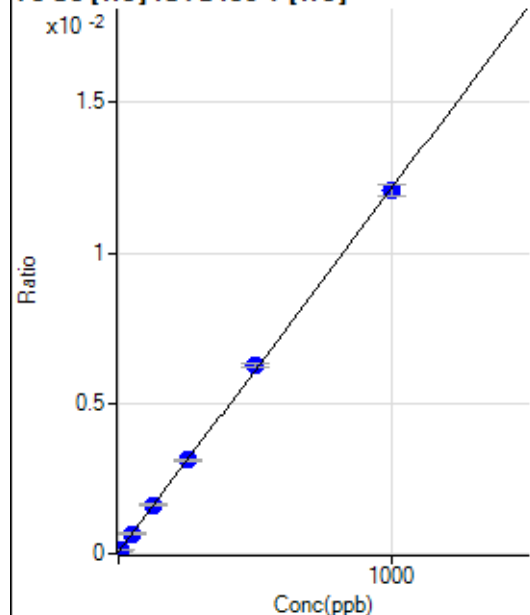
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	49.34	0.0001	P	11.4
2	☐	5.000	5.450	103.01	0.0001	P	5.6
3	☐	50.000	50.444	550.07	0.0007	P	1.3
4	☐	125.000	128.254	1315.19	0.0016	P	3.5
5	☐	250.000	252.179	2526.48	0.0031	P	2.6
6	☐	500.000	511.719	5041.09	0.0062	P	2.4
7	☐	1000.000	993.165	9851.44	0.0121	P	3.0
8	☐			70.01	0.0001	P	5.6

$$y = 1.2084\text{E-}005 * x + 5.9391\text{E-}005$$

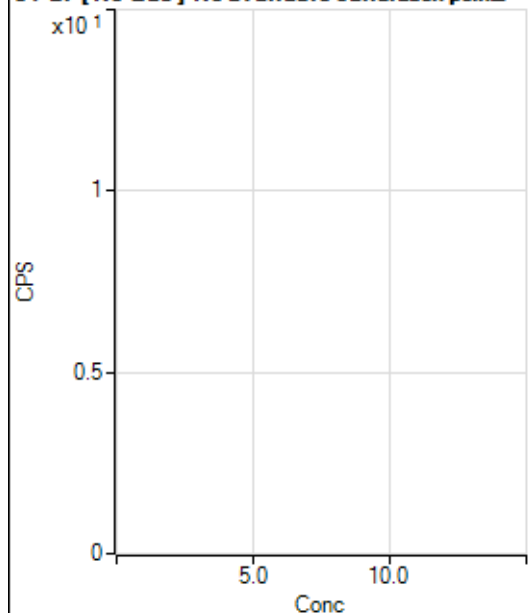
$$R = 0.9999$$

$$DL = 1.675$$

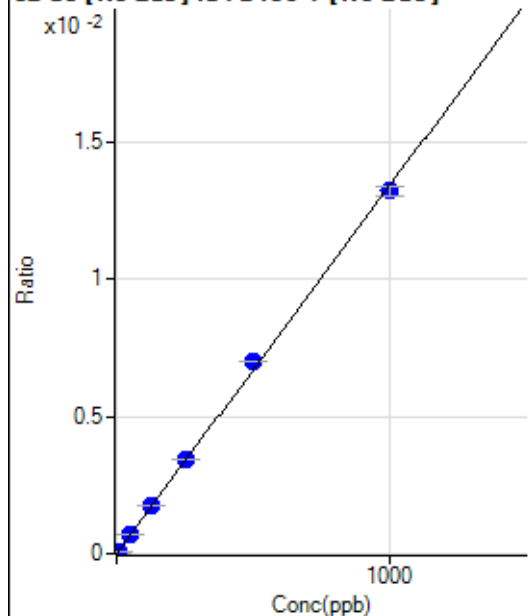
$$BEC = 4.915$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42029.88		P	1.9
2	☐			40969.04		P	3.7
3	☐			41397.52		P	0.9
4	☐			41063.26		P	1.5
5	☐			40079.13		P	4.6
6	☐			39603.70		P	3.4
7	☐			38673.23		P	0.2
8	☐			39657.57		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.25	0.0000	P	309.
2	☐	5.000	5.232	562.04	0.0001	P	14.8
3	☐	50.000	52.128	5590.15	0.0007	P	0.6
4	☐	125.000	131.929	14142.74	0.0018	P	1.5
5	☐	250.000	257.977	27956.50	0.0035	P	0.4
6	☐	500.000	521.431	56079.13	0.0070	P	0.5
7	☐	1000.000	986.317	109848.55	0.0132	P	2.8
8	☐			274.56	0.0000	P	4.8

$$y = 1.3413E-005 * x + 7.9701E-007$$

$$R = 0.9996$$

$$DL = 0.5522$$

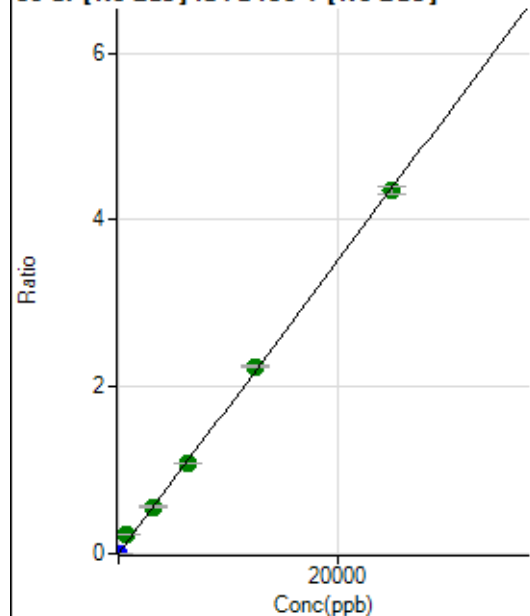
$$BEC = 0.05942$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			321.63		P	7.2
2	☐			319.55		P	5.2
3	☐			328.29		P	3.4
4	☐			306.63		P	3.9
5	☐			304.13		P	7.2
6	☐			324.55		P	7.9
7	☐			320.80		P	8.3
8	☐			347.88		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	555.58	0.0001	P	12.8
2	☐	1.000	0.936	1850.17	0.0002	P	7.1
3	☐	625.000	1265.098	1768723.95	0.2215	A	2.0
4	☐	3125.000	3207.418	4484699.97	0.5614	A	2.0
5	☐	6250.000	6159.507	8707130.14	1.0780	A	1.0
6	☐	12500.000	12815.509	17981200.23	2.2428	A	1.3
7	☐	25000.000	24838.564	36096057.06	4.3468	A	2.3
8	☐			16607.57	0.0020	P	2.8

$$y = 1.7500E-004 * x + 6.9568E-005$$

$$R = 0.9996$$

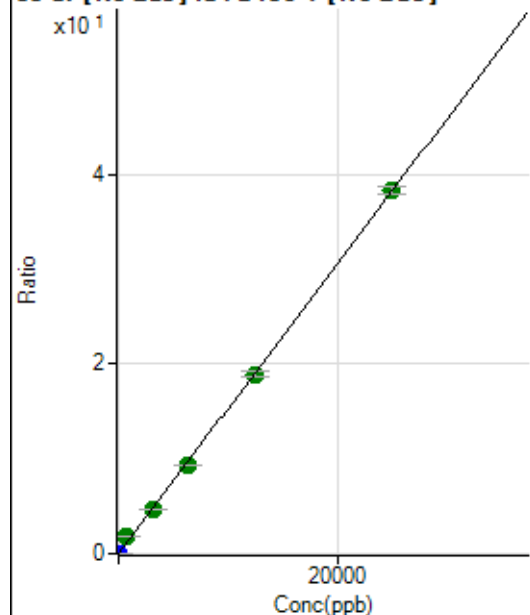
$$DL = 0.1525$$

$$BEC = 0.3975$$

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	341.68	0.0000	P	2.3
2	☐	1.000	1.027	12770.08	0.0016	P	1.4
3	☐	625.000	1239.084	15102190.62	1.8913	A	2.4
4	☐	3125.000	3110.078	37920823.77	4.7471	A	0.6
5	☐	6250.000	6106.589	75285832.93	9.3207	A	0.5
6	☐	12500.000	12386.398	151557439.5	18.9058	A	3.0
7	☐	25000.000	25079.167	317887290.4	38.2792	A	2.0
8	☐			137472.37	0.0167	P	4.6

$$y = 0.0015 * x + 4.2842E-005$$

$$R = 0.9996$$

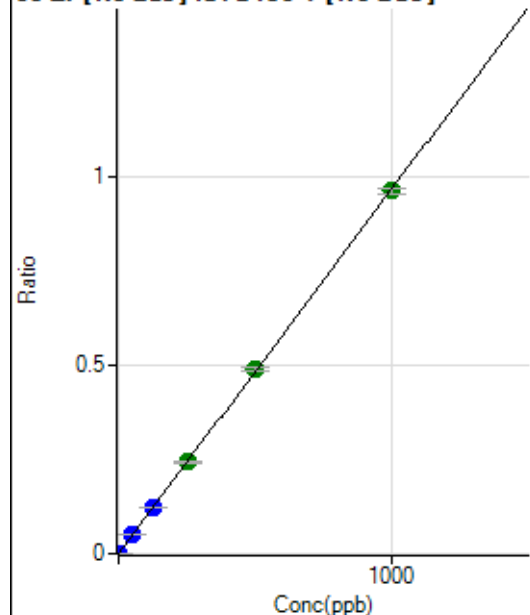
$$DL = 0.001923$$

$$BEC = 0.02807$$

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	311.12	0.0000	P	24.6
2	☐	1.000	0.980	7832.99	0.0010	P	5.0
3	☐	50.000	50.805	393105.69	0.0492	P	1.4
4	☐	125.000	125.936	974371.19	0.1220	P	0.9
5	☐	250.000	252.586	1975644.49	0.2446	A	1.6
6	☐	500.000	506.621	3933071.75	0.4906	A	2.6
7	☐	1000.000	995.886	8008390.80	0.9643	A	1.4
8	☐			3275.48	0.0004	P	8.9

$$y = 9.6821E-004 * x + 3.8851E-005$$

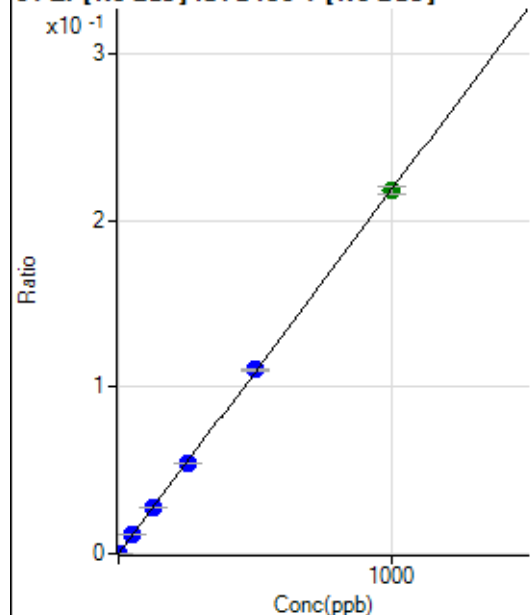
$$R = 1.0000$$

$$DL = 0.02967$$

$$BEC = 0.04013$$

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	58.34	0.0000	P	26.5
2	☐	1.000	0.944	1691.81	0.0002	P	6.4
3	☐	50.000	51.147	89281.60	0.0112	P	1.1
4	☐	125.000	125.140	218399.36	0.0273	P	0.6
5	☐	250.000	247.035	435892.10	0.0540	P	0.4
6	☐	500.000	506.495	887011.19	0.1106	P	1.2
7	☐	1000.000	997.419	1809149.91	0.2179	A	2.2
8	☐			775.04	0.0001	P	13.3

$$y = 2.1842\text{E-}004 * x + 7.3411\text{E-}006$$

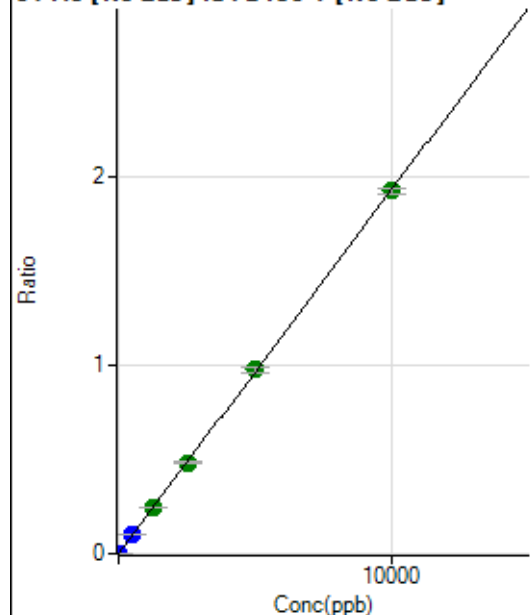
$$R = 1.0000$$

$$DL = 0.02676$$

$$BEC = 0.03361$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	30.7
2	☐	5.000	5.871	9128.26	0.0012	P	2.7
3	☐	500.000	523.495	805700.51	0.1009	P	1.8
4	☐	1250.000	1270.152	1955582.42	0.2448	A	0.7
5	☐	2500.000	2500.422	3892855.64	0.4819	A	1.5
6	☐	5000.000	5048.323	7800345.75	0.9730	A	2.4
7	☐	10000.000	9972.039	15963903.48	1.9219	A	1.8
8	☐			7991.45	0.0010	P	3.2

$$y = 1.9273\text{E-}004 * x + 1.9924\text{E-}005$$

$$R = 1.0000$$

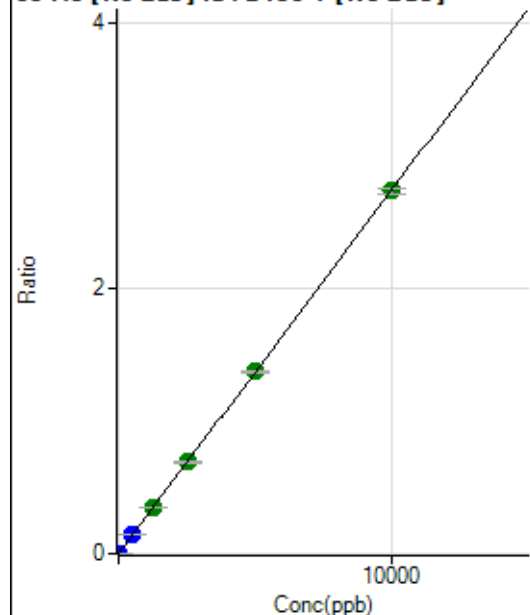
$$DL = 0.09521$$

$$BEC = 0.1034$$

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	44.44	0.0000	P	44.0
2	☐	5.000	5.036	10974.08	0.0014	P	3.6
3	☐	500.000	522.733	1142652.55	0.1431	P	1.5
4	☐	1250.000	1264.915	2766077.97	0.3463	A	1.3
5	☐	2500.000	2521.720	5576567.48	0.6904	A	1.6
6	☐	5000.000	5015.175	11007704.58	1.3730	A	0.8
7	☐	10000.000	9983.981	22700512.83	2.7332	A	1.4
8	☐			11190.97	0.0014	P	7.3

$$y = 2.7376E-004 * x + 5.5816E-006$$

$$R = 1.0000$$

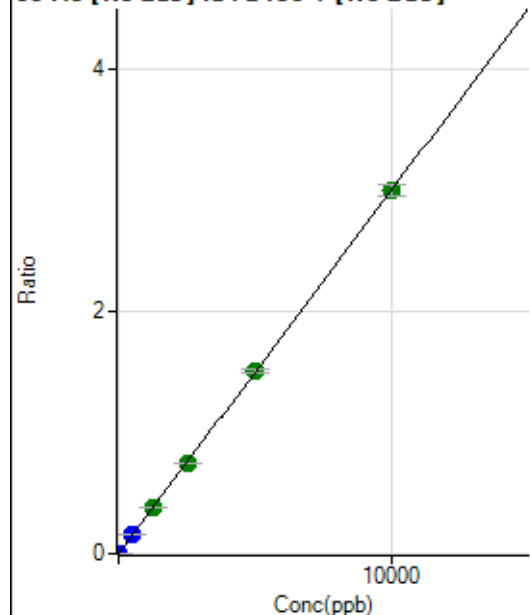
$$DL = 0.0269$$

$$BEC = 0.02039$$

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	155.56	0.0000	P	15.1
2	☐	5.000	5.117	12322.44	0.0016	P	4.0
3	☐	500.000	517.749	1240237.11	0.1553	P	1.8
4	☐	1250.000	1279.952	3067349.74	0.3840	A	1.7
5	☐	2500.000	2492.067	6038237.77	0.7476	A	1.1
6	☐	5000.000	5032.129	12103259.99	1.5095	A	1.7
7	☐	10000.000	9981.287	24862273.47	2.9942	A	3.1
8	☐			19770.24	0.0024	P	1.3

$$y = 2.9998E-004 * x + 1.9536E-005$$

$$R = 1.0000$$

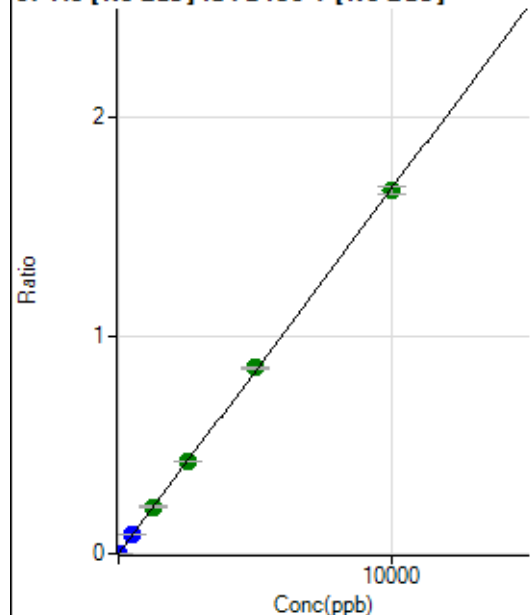
$$DL = 0.02957$$

$$BEC = 0.06513$$

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	36.11	0.0000	P	59.7
2	☐	5.000	4.984	6657.30	0.0008	P	2.4
3	☐	500.000	525.079	702540.28	0.0880	P	0.9
4	☐	1250.000	1285.469	1720332.46	0.2153	A	1.6
5	☐	2500.000	2520.035	3409933.45	0.4222	A	0.9
6	☐	5000.000	5091.566	6838465.43	0.8529	A	0.9
7	☐	10000.000	9943.521	13834059.68	1.6657	A	2.2
8	☐			6935.28	0.0008	P	5.3

$$y = 1.6752\text{E-}004 * x + 4.5655\text{E-}006$$

$$R = 0.9999$$

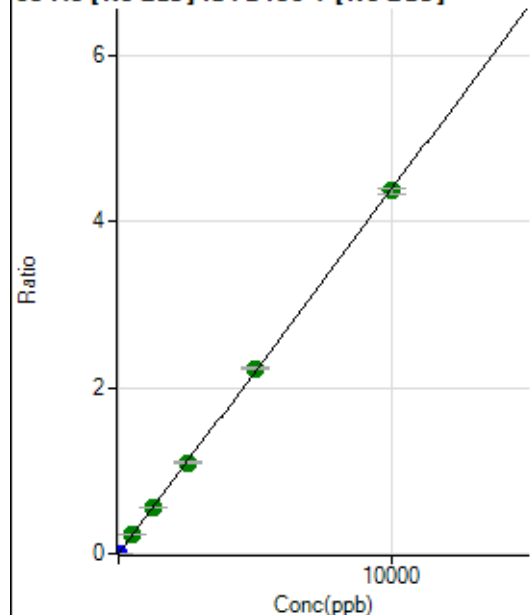
$$DL = 0.04881$$

$$BEC = 0.02725$$

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	75.00	0.0000	P	50.8
2	☐	5.000	5.028	17558.72	0.0022	P	0.6
3	☐	500.000	509.978	1786182.94	0.2237	A	0.8
4	☐	1250.000	1261.783	4420972.63	0.5534	A	1.3
5	☐	2500.000	2498.807	8852189.78	1.0959	A	1.2
6	☐	5000.000	5087.814	17889838.77	2.2314	A	1.4
7	☐	10000.000	9954.419	36262858.10	4.3658	A	1.7
8	☐			17166.73	0.0021	P	4.4

$$y = 4.3858\text{E-}004 * x + 9.3716\text{E-}006$$

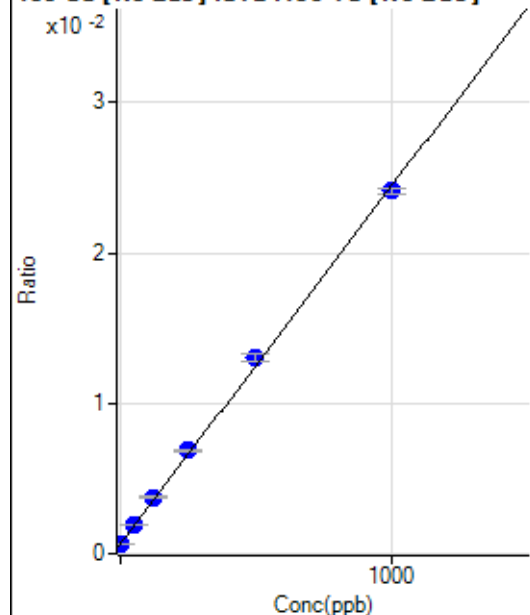
$$R = 0.9999$$

$$DL = 0.03256$$

$$BEC = 0.02137$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3200.47	0.0006	P	5.3
2	☐	1.000	1.159	3331.06	0.0006	P	5.7
3	☐	50.000	55.735	10245.76	0.0019	P	4.1
4	☐	125.000	131.552	19917.62	0.0037	P	3.0
5	☐	250.000	262.645	37075.74	0.0069	P	2.5
6	☐	500.000	520.273	72103.07	0.0130	P	3.6
7	☐	1000.000	985.596	137452.18	0.0241	P	1.8
8	☐			3200.47	0.0006	P	1.9

$$y = 2.3859E-005 * x + 5.9631E-004$$

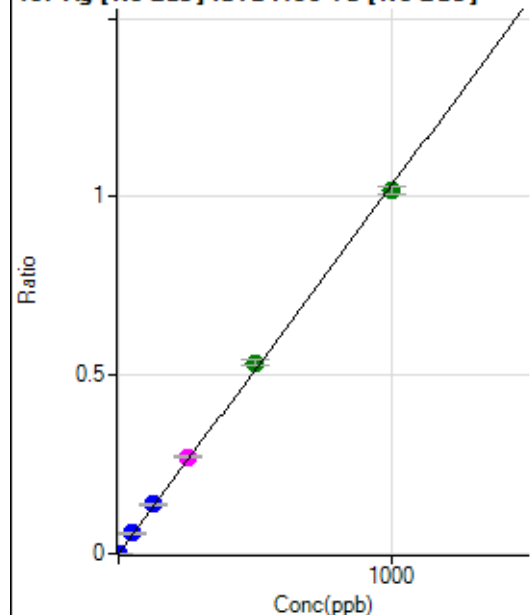
$$R = 0.9996$$

$$DL = 3.97$$

$$BEC = 24.99$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	11.5
2	☐	1.000	1.067	6045.93	0.0011	P	2.0
3	☐	50.000	54.858	301312.03	0.0566	P	1.6
4	☐	125.000	135.384	744899.64	0.1397	P	3.4
5	☐	250.000	263.398	1468232.59	0.2718	M	2.7
6	☐	500.000	518.597	2965434.46	0.5350	A	3.1
7	☐	1000.000	985.811	5796863.33	1.0170	A	2.1
8	☐			6193.29	0.0011	P	1.4

$$y = 0.0010 * x + 3.1613E-005$$

$$R = 0.9996$$

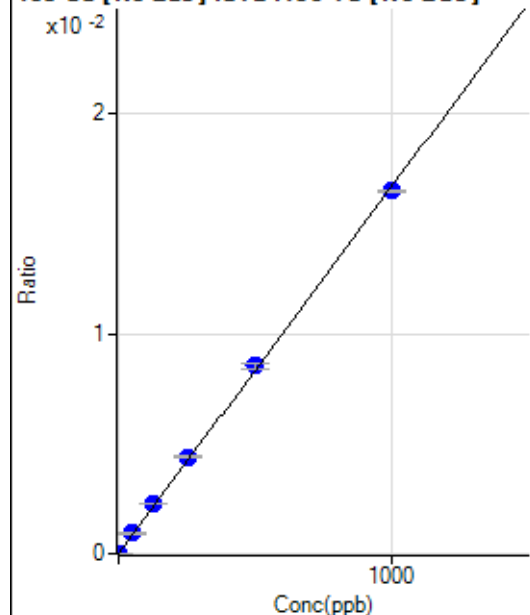
$$DL = 0.01058$$

$$BEC = 0.03064$$

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	18.06	0.0000	P	12.2
2	☐	1.000	0.922	100.00	0.0000	P	9.1
3	☐	50.000	54.852	4887.03	0.0009	P	1.8
4	☐	125.000	134.632	11995.61	0.0022	P	1.1
5	☐	250.000	262.321	23651.02	0.0044	P	2.1
6	☐	500.000	512.975	47444.12	0.0086	P	3.2
7	☐	1000.000	988.986	94045.11	0.0165	P	0.8
8	☐			83.34	0.0000	P	17.5

$$y = 1.6678\text{E-}005 * x + 3.3626\text{E-}006$$

$$R = 0.9998$$

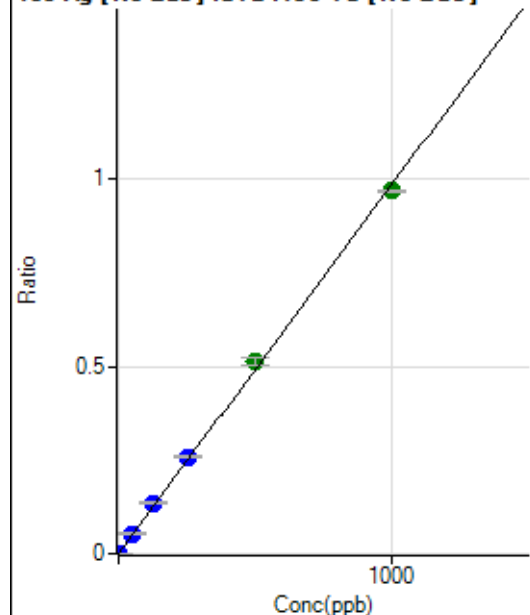
$$DL = 0.0737$$

$$BEC = 0.2016$$

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	138.89	0.0000	P	36.1
2	☐	1.000	1.081	5820.85	0.0011	P	2.2
3	☐	50.000	54.411	285213.76	0.0536	P	2.6
4	☐	125.000	136.650	717841.51	0.1346	P	2.3
5	☐	250.000	263.217	1400378.20	0.2592	P	1.6
6	☐	500.000	521.724	2847731.07	0.5138	A	3.5
7	☐	1000.000	984.157	5525719.18	0.9692	A	0.9
8	☐			5918.10	0.0010	P	1.4

$$y = 9.8479\text{E-}004 * x + 2.6001\text{E-}005$$

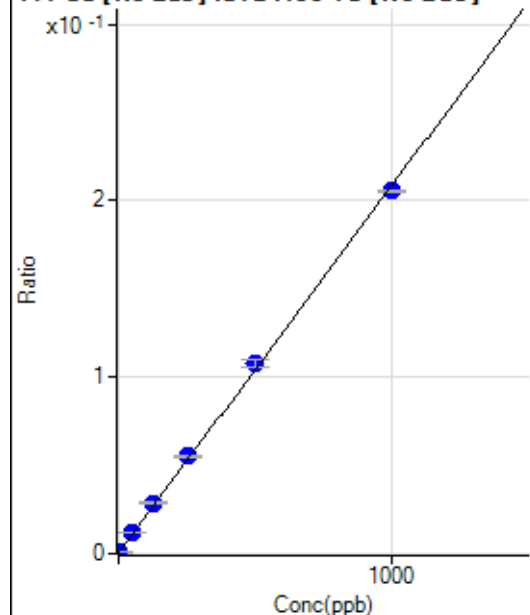
$$R = 0.9995$$

$$DL = 0.02863$$

$$BEC = 0.0264$$

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	2254.08	0.0004	P	5.7
2	☐	1.000	1.075	3435.42	0.0006	P	5.6
3	☐	50.000	55.076	63179.20	0.0119	P	2.2
4	☐	125.000	136.164	153267.23	0.0287	P	2.6
5	☐	250.000	263.893	298729.06	0.0553	P	2.8
6	☐	500.000	516.569	597764.75	0.1079	P	3.2
7	☐	1000.000	986.593	1172090.23	0.2056	P	0.6
8	☐			2741.74	0.0005	P	3.7

$$y = 2.0797\text{E-}004 * x + 4.1998\text{E-}004$$

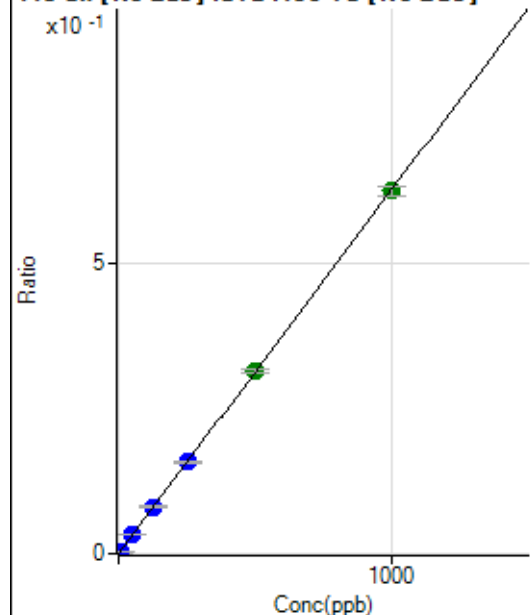
$$R = 0.9997$$

$$DL = 0.3446$$

$$BEC = 2.019$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.26	0.0001	P	20.3
2	☐	5.000	5.064	17578.37	0.0033	P	0.9
3	☐	50.000	51.219	171337.76	0.0322	P	3.3
4	☐	125.000	128.526	429979.97	0.0806	P	3.7
5	☐	250.000	251.909	853141.83	0.1579	P	2.2
6	☐	500.000	502.935	1747379.73	0.3152	A	2.1
7	☐	1000.000	997.553	3562417.66	0.6251	A	2.8
8	☐			5559.61	0.0010	P	1.2

$$y = 6.2648\text{E-}004 * x + 1.2034\text{E-}004$$

$$R = 1.0000$$

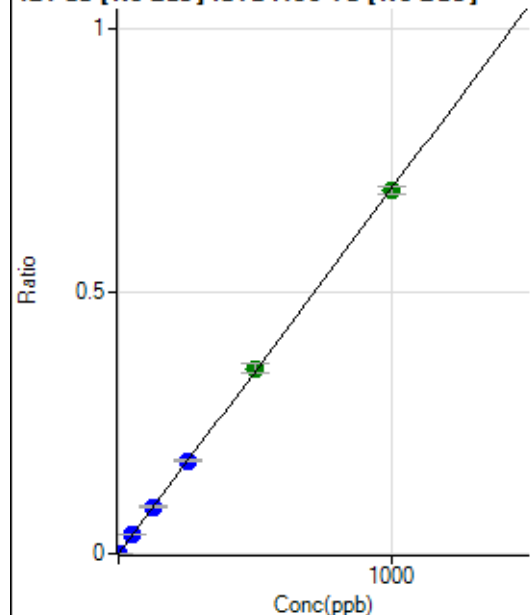
$$DL = 0.1172$$

$$BEC = 0.1921$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	13.2
2	☐	2.000	1.960	7352.16	0.0014	P	2.8
3	☐	50.000	51.712	191359.02	0.0360	P	2.1
4	☐	125.000	129.049	478543.44	0.0897	P	2.5
5	☐	250.000	254.487	955834.60	0.1769	P	1.4
6	☐	500.000	508.430	1958715.11	0.3535	A	4.7
7	☐	1000.000	994.072	3939250.05	0.6911	A	2.0
8	☐			12567.18	0.0022	P	1.6

$$y = 6.9520\text{E-}004 * x + 1.4509\text{E-}005$$

$$R = 0.9999$$

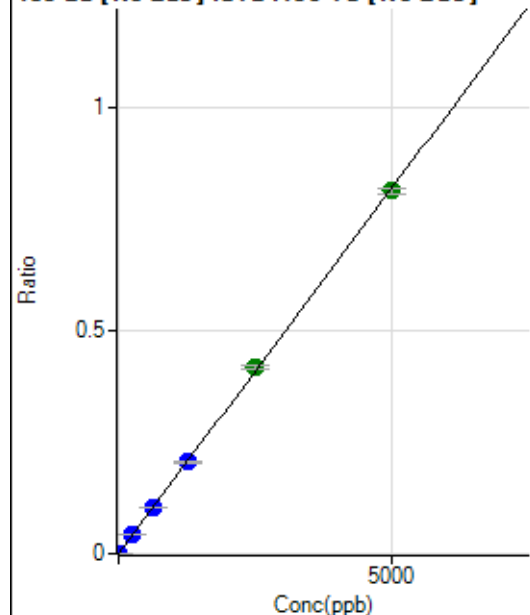
$$DL = 0.008269$$

$$BEC = 0.02087$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	55.0
2	☐	10.000	9.368	8236.09	0.0015	P	2.9
3	☐	250.000	254.329	221878.76	0.0417	P	1.3
4	☐	625.000	633.553	553821.30	0.1038	P	2.4
5	☐	1250.000	1258.493	1114268.29	0.2063	P	1.2
6	☐	2500.000	2554.490	2320609.10	0.4187	A	2.7
7	☐	5000.000	4969.347	4642387.47	0.8144	A	1.9
8	☐			3800.66	0.0007	P	4.5

$$y = 1.6389\text{E-}004 * x + 7.8191\text{E-}006$$

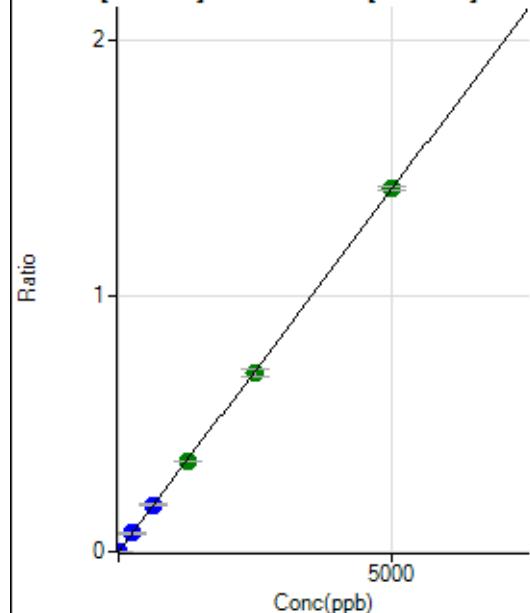
$$R = 0.9999$$

$$DL = 0.07867$$

$$BEC = 0.04771$$

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	83.34	0.0000	P	34.7
2	☐	10.000	9.293	14146.71	0.0026	P	2.0
3	☐	250.000	252.447	380807.47	0.0716	P	2.6
4	☐	625.000	644.904	975118.63	0.1828	P	1.9
5	☐	1250.000	1255.333	1922643.64	0.3559	A	0.5
6	☐	2500.000	2474.501	3887336.85	0.7015	A	4.0
7	☐	5000.000	5008.807	8095516.76	1.4199	A	1.0
8	☐			6579.57	0.0012	P	6.1

$$y = 2.8347E-004 * x + 1.5465E-005$$

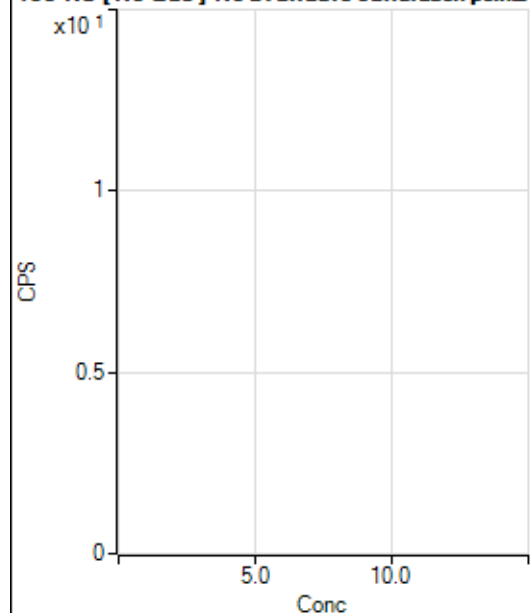
$$R = 1.0000$$

$$DL = 0.05671$$

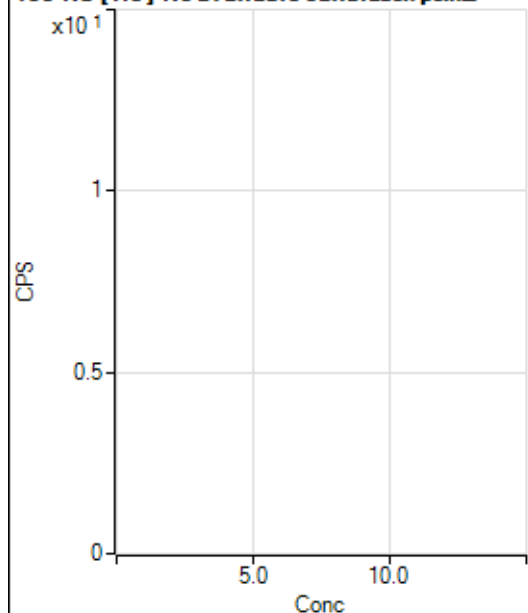
$$BEC = 0.05456$$

Weight: <None>

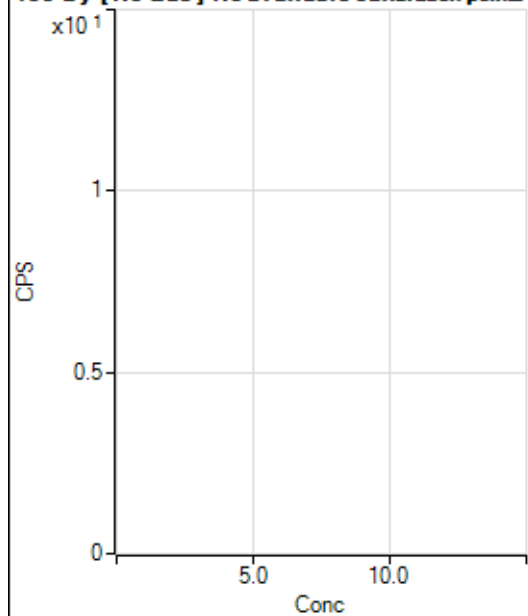
Min Conc: 0

150 Nd [No Gas] No available calibration points

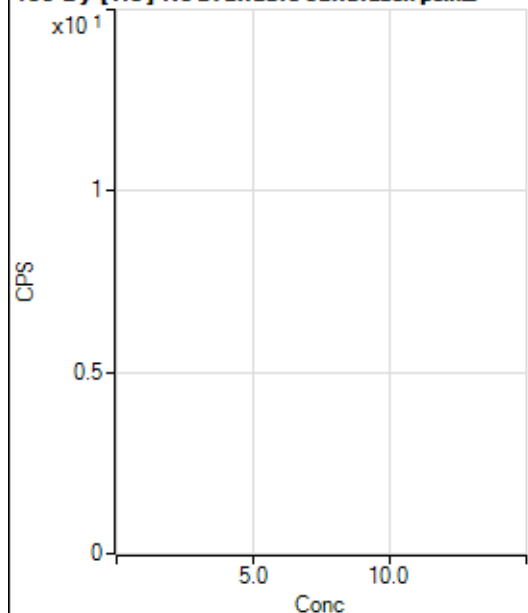
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			13.33		P	50.0
3	☐			31.11		P	32.7
4	☐			48.89		P	43.8
5	☐			128.89		P	14.9
6	☐			213.34		P	19.5
7	☐			442.24		P	13.2
8	☐			28.89		P	53.3

150 Nd [He] No available calibration points

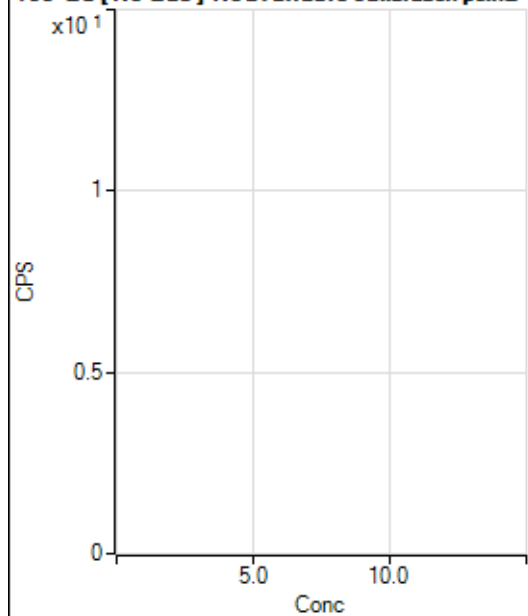
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			2.22		P	86.6
4	☐			7.78		P	24.7
5	☐			10.00		P	66.7
6	☐			10.00		P	33.3
7	☐			15.56		P	65.5
8	☐			1.11		P	173.

156 Dy [No Gas] No available calibration points

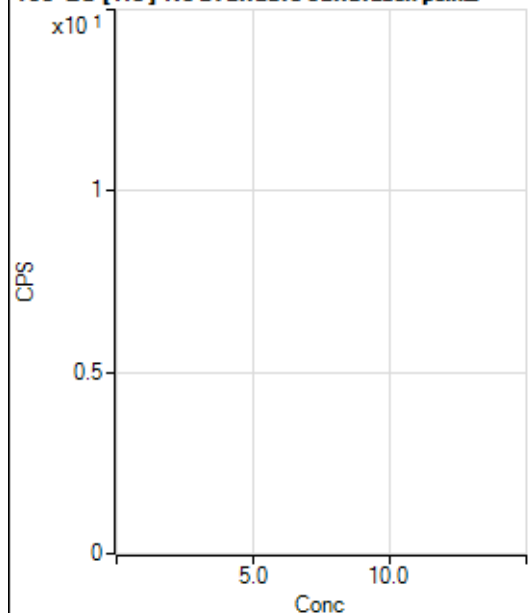
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			8.33		P	100.
3	☐			11.11		P	43.3
4	☐			52.78		P	18.2
5	☐			113.89		P	27.7
6	☐			183.34		P	35.5
7	☐			225.01		P	20.6
8	☐			875.05		P	2.5

156 Dy [He] No available calibration points

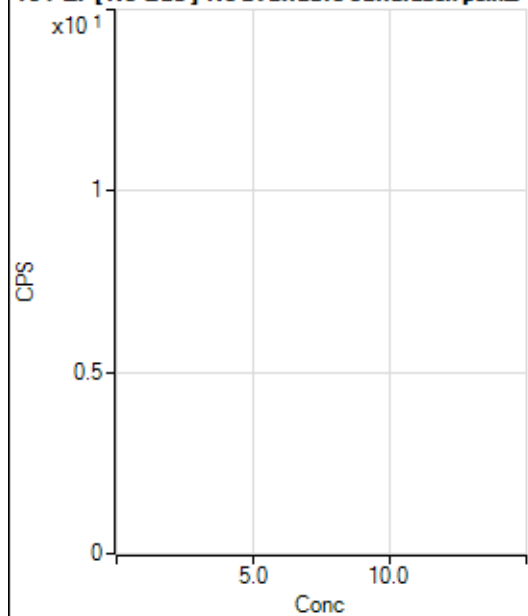
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	100.
3	☐			3.33		P	100.
4	☐			14.44		P	58.1
5	☐			26.67		P	25.0
6	☐			46.67		P	7.1
7	☐			116.67		P	24.9
8	☐			363.34		P	5.6

160 Gd [No Gas] Noavailable calibration poin_

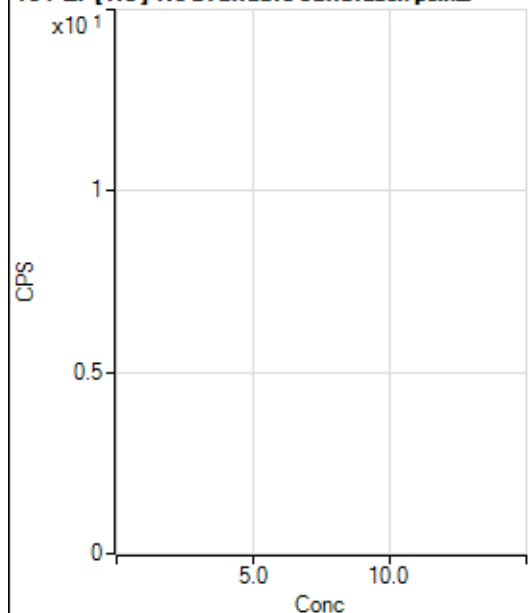
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			41.67		P	34.6
3	☐			47.23		P	56.7
4	☐			63.89		P	27.2
5	☐			63.89		P	37.7
6	☐			152.78		P	30.0
7	☐			280.57		P	9.1
8	☐			925.06		P	6.3

160 Gd [He] No available calibration points

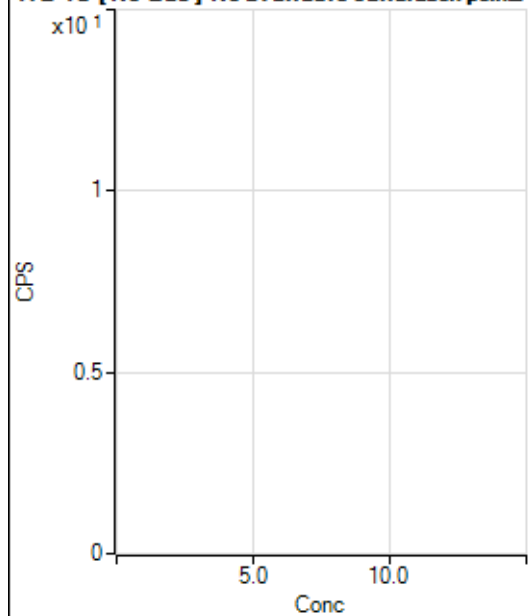
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	7.0
2	☐			57.78		P	20.3
3	☐			77.78		P	29.2
4	☐			78.89		P	29.7
5	☐			85.55		P	27.4
6	☐			98.89		P	22.9
7	☐			147.78		P	10.7
8	☐			441.12		P	6.3

164 Er [No Gas] No available calibration points

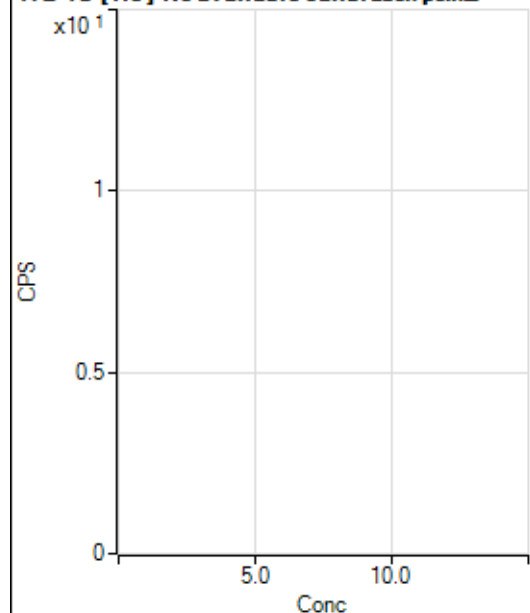
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	63.8
2	☐			44.44		P	28.6
3	☐			58.34		P	24.7
4	☐			44.45		P	10.8
5	☐			50.00		P	66.7
6	☐			41.67		P	34.7
7	☐			75.00		P	48.4
8	☐			72.22		P	65.6

164 Er [He] No available calibration points

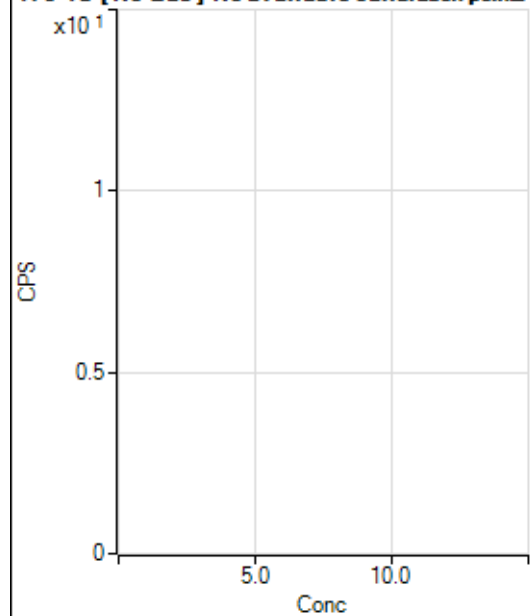
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐			10.00		P	33.3
3	☐			14.44		P	13.4
4	☐			12.22		P	31.5
5	☐			17.78		P	21.7
6	☐			18.89		P	44.4
7	☐			18.89		P	10.2
8	☐			23.34		P	24.7

172 Yb [No Gas] No available calibration points

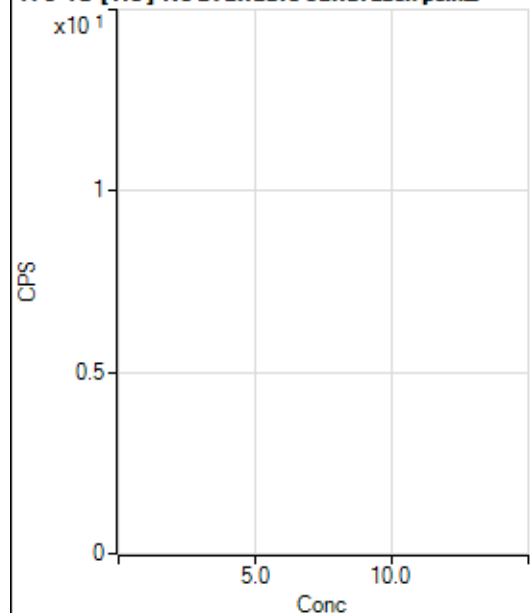
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			22.22		P	21.6
3	☐			52.78		P	87.0
4	☐			38.89		P	44.6
5	☐			50.00		P	33.3
6	☐			80.56		P	29.9
7	☐			102.78		P	12.4
8	☐			319.46		P	19.9

172 Yb [He] No available calibration points

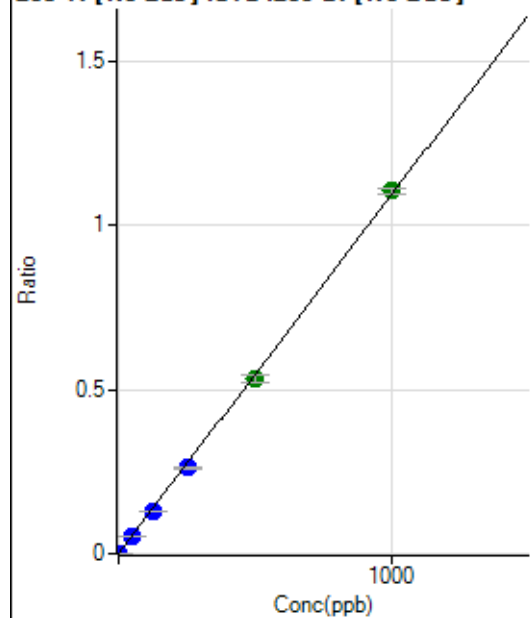
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.52		P	45.8
2	☐			22.22		P	86.6
3	☐			12.96		P	137.
4	☐			22.22		P	50.0
5	☐			12.96		P	65.4
6	☐			16.67		P	66.6
7	☐			27.78		P	60.0
8	☐			140.74		P	19.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			991.73		P	2.5
2	☐			897.27		P	7.5
3	☐			1725.17		P	1.7
4	☐			2794.81		P	2.4
5	☐			4709.31		P	5.0
6	☐			8591.94		P	3.8
7	☐			15973.93		P	0.3
8	☐			1191.76		P	13.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5412.33		P	6.4
2	☐			5603.17		P	7.5
3	☐			6005.17		P	2.4
4	☐			6031.12		P	3.7
5	☐			6825.96		P	1.4
6	☐			8489.94		P	2.3
7	☐			11633.12		P	3.1
8	☐			5834.73		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	43.3
2	☐	1.000	0.951	3383.87	0.0011	P	3.9
3	☐	50.000	47.987	164012.10	0.0525	P	1.4
4	☐	125.000	116.961	405522.47	0.1279	P	1.9
5	☐	250.000	240.279	831605.10	0.2628	P	2.3
6	☐	500.000	485.376	1729882.50	0.5309	A	4.6
7	☐	1000.000	1010.848	3563942.79	1.1055	A	1.8
8	☐			1591.82	0.0005	P	7.9

$$y = 0.0011 * x + 3.1003E-005$$

$$R = 0.9998$$

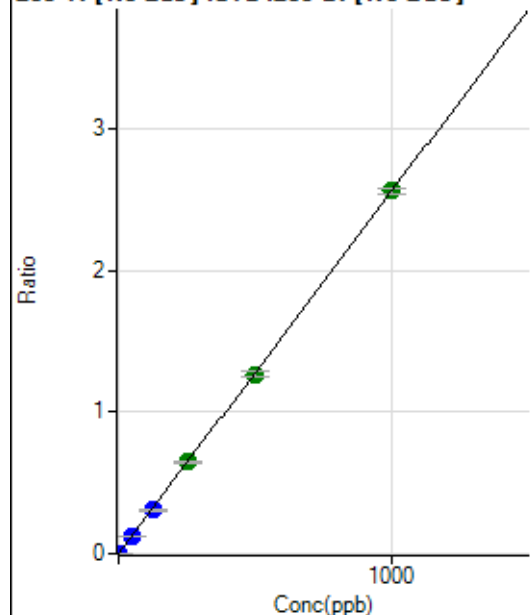
$$DL = 0.03686$$

$$BEC = 0.02835$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	238.90	0.0001	P	24.8
2	☐	1.000	0.978	8152.84	0.0026	P	1.8
3	☐	50.000	49.472	395562.91	0.1266	P	1.0
4	☐	125.000	120.433	976714.66	0.3082	P	2.2
5	☐	250.000	254.174	2057933.35	0.6503	A	2.1
6	☐	500.000	496.231	4137841.24	1.2695	A	3.2
7	☐	1000.000	1001.438	8258452.10	2.5620	A	1.8
8	☐			3778.45	0.0013	P	3.5

$$y = 0.0026 * x + 7.8060E-005$$

$$R = 1.0000$$

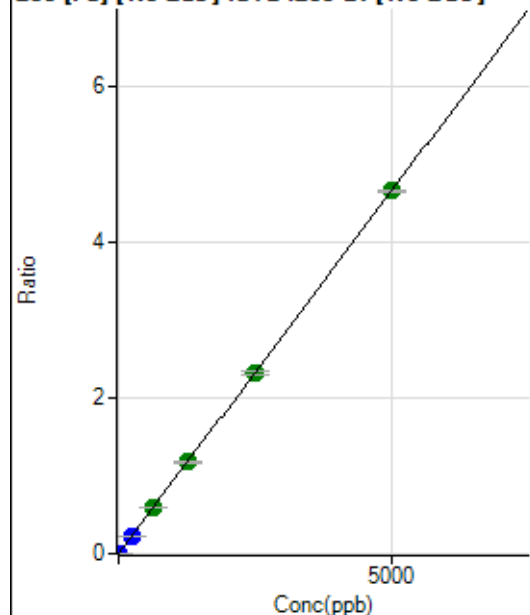
$$DL = 0.02269$$

$$BEC = 0.03051$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	437.05	0.0001	P	2.0
2	☐	1.000	0.811	2839.25	0.0009	P	2.1
3	☐	250.000	238.399	694903.95	0.2225	P	2.5
4	☐	625.000	629.079	1860444.30	0.5869	A	0.7
5	☐	1250.000	1261.682	3724667.50	1.1770	A	2.0
6	☐	2500.000	2492.183	7578254.45	2.3247	A	2.9
7	☐	5000.000	5001.058	15039605.20	4.6648	A	0.9
8	☐			5692.11	0.0019	P	6.2

$$y = 9.3274E-004 * x + 1.4190E-004$$

$$R = 1.0000$$

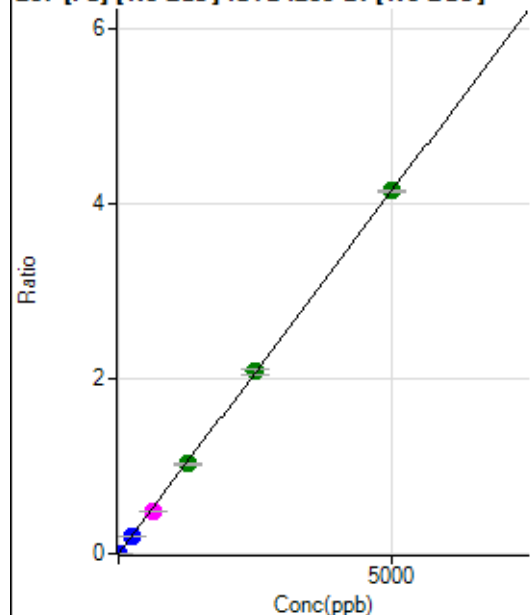
$$DL = 0.008994$$

$$BEC = 0.1521$$

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	374.09	0.0001	P	4.7
2	☐	1.000	0.897	2733.68	0.0009	P	4.4
3	☐	250.000	236.124	611789.95	0.1959	P	2.1
4	☐	625.000	593.890	1561300.09	0.4925	M	0.6
5	☐	1250.000	1238.331	3249421.31	1.0268	A	2.8
6	☐	2500.000	2507.287	6777407.39	2.0789	A	2.8
7	☐	5000.000	5003.856	13375355.39	4.1488	A	0.7
8	☐			5193.73	0.0017	P	6.4

$$y = 8.2909\text{E-}004 * x + 1.2160\text{E-}004$$

$$R = 1.0000$$

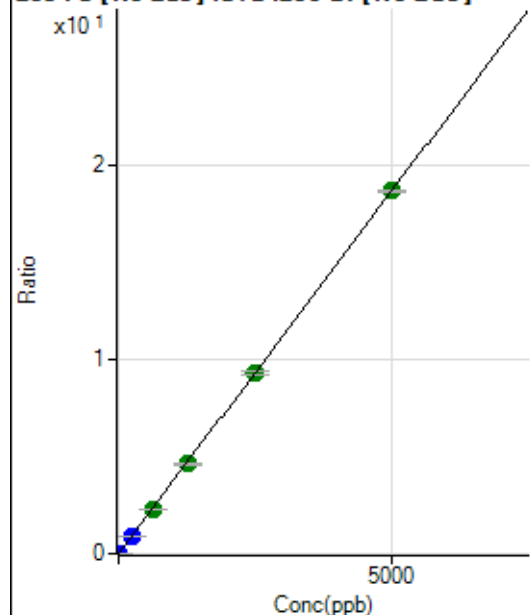
$$DL = 0.02083$$

$$BEC = 0.1467$$

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	1605.63	0.0005	P	4.0
2	☐	1.000	0.868	11893.11	0.0038	P	1.1
3	☐	250.000	238.301	2782333.53	0.8908	P	1.6
4	☐	625.000	617.942	7320366.03	2.3092	A	0.3
5	☐	1250.000	1242.320	14690641.18	4.6420	A	1.7
6	☐	2500.000	2494.698	30382282.10	9.3210	A	2.9
7	☐	5000.000	5006.038	60300529.13	18.7036	A	0.3
8	☐			22654.38	0.0076	P	4.7

$$y = 0.0037 * x + 5.2188\text{E-}004$$

$$R = 1.0000$$

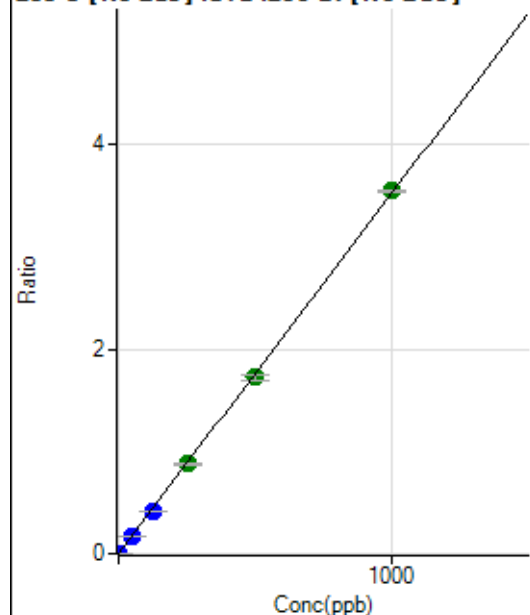
$$DL = 0.01663$$

$$BEC = 0.1397$$

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	319.46	0.0001	P	9.1
2	☐	1.000	0.907	10415.72	0.0033	P	5.0
3	☐	50.000	47.005	517028.75	0.1655	P	0.9
4	☐	125.000	117.276	1308365.02	0.4128	P	2.1
5	☐	250.000	248.761	2769814.30	0.8755	A	3.6
6	☐	500.000	488.473	5602534.28	1.7191	A	3.9
7	☐	1000.000	1007.189	11428262.76	3.5446	A	0.3
8	☐			2694.82	0.0009	P	5.3

$$y = 0.0035 * x + 1.0388E-004$$

$$R = 0.9999$$

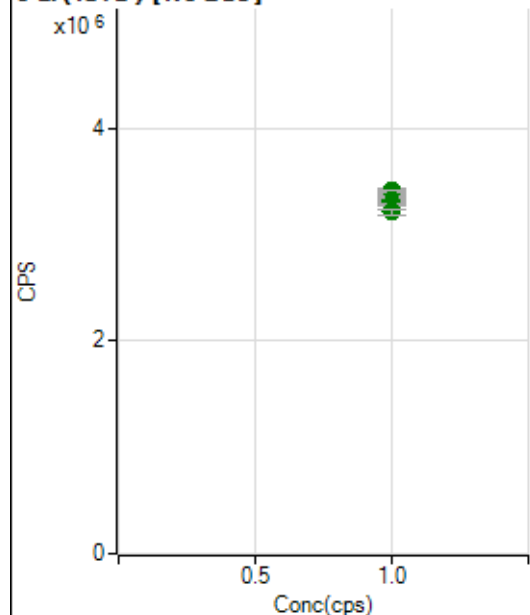
$$DL = 0.008016$$

$$BEC = 0.02952$$

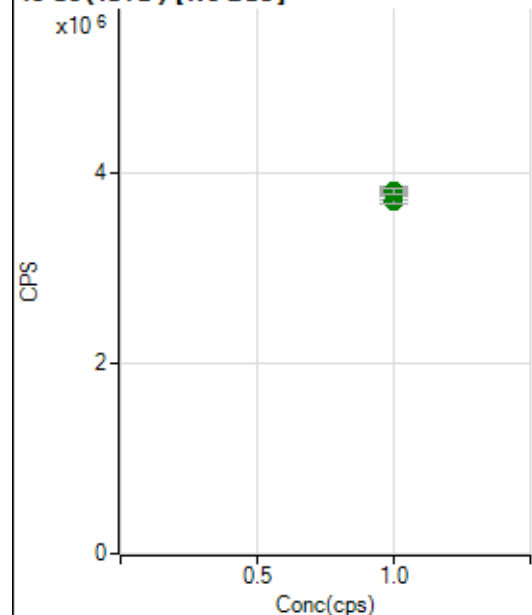
Weight: <None>

Min Conc: 0

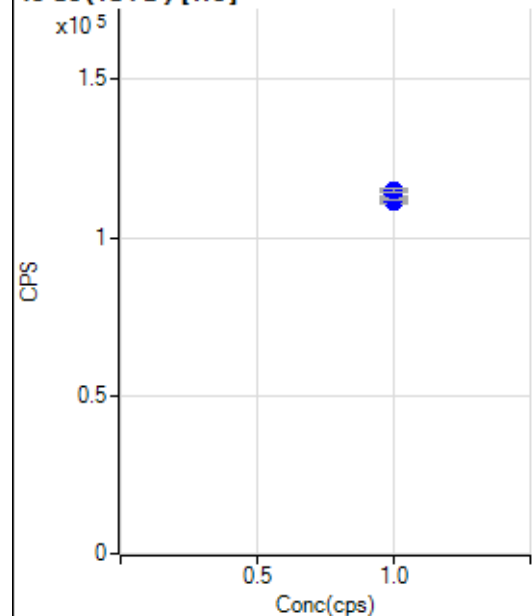
6 Li (ISTD) [No Gas]



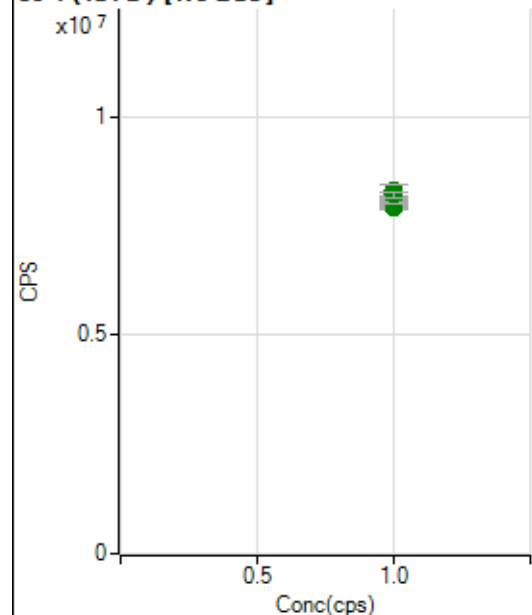
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3277210.72		A	0.2
2	☐	1.000		3412087.51		A	1.5
3	☐	1.000		3409886.01		A	0.9
4	☐	1.000		3318610.68		A	1.1
5	☐	1.000		3324043.04		A	1.9
6	☐	1.000		3314159.10		A	1.4
7	☐	1.000		3286969.47		A	0.5
8	☐	1.000		3212711.15		A	1.8

45 Sc (ISTD) [No Gas]

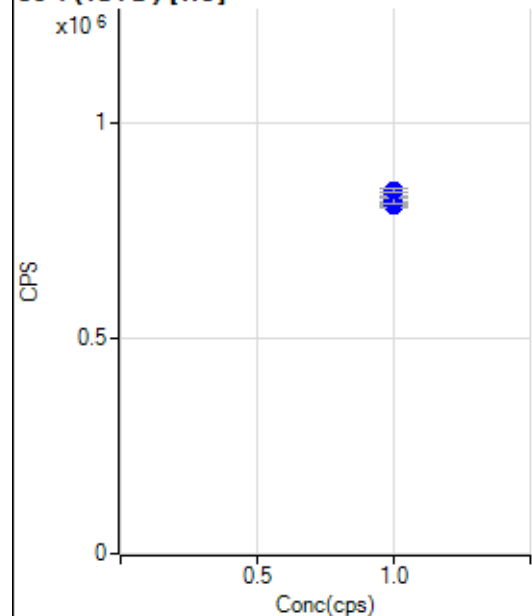
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3812440.33		A	2.5
2	☐	1.000		3709706.19		A	1.3
3	☐	1.000		3818091.61		A	2.9
4	☐	1.000		3820987.45		A	0.9
5	☐	1.000		3811523.35		A	1.0
6	☐	1.000		3730440.15		A	2.1
7	☐	1.000		3816257.76		A	1.4
8	☐	1.000		3819724.35		A	1.3

45 Sc (ISTD) [He]

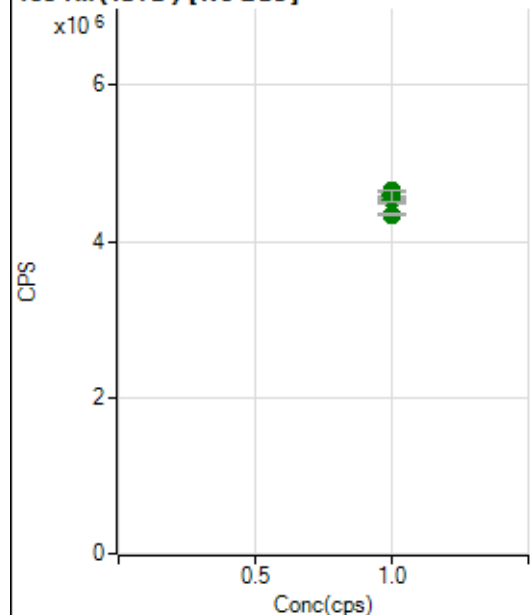
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		112523.00		P	1.2
2	☐	1.000		112779.55		P	0.2
3	☐	1.000		113502.26		P	2.7
4	☐	1.000		111963.99		P	1.2
5	☐	1.000		111472.74		P	1.1
6	☐	1.000		111191.42		P	1.3
7	☐	1.000		112357.92		P	0.6
8	☐	1.000		114784.62		P	0.9

89 Y (ISTD) [No Gas]

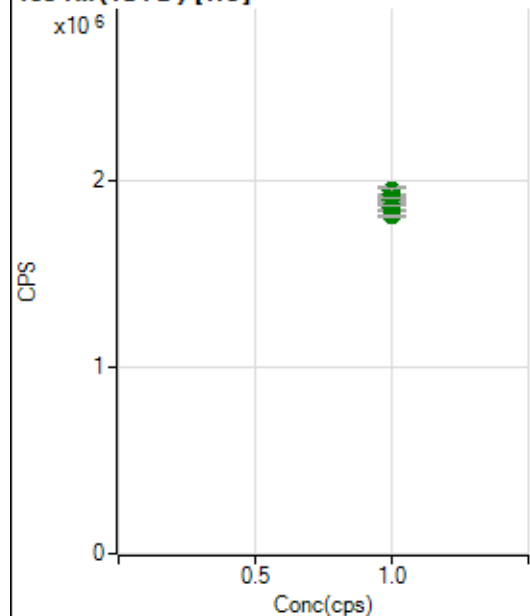
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7978239.19		A	2.3
2	☐	1.000		7929479.26		A	1.4
3	☐	1.000		7985788.42		A	1.8
4	☐	1.000		7988173.08		A	0.7
5	☐	1.000		8077354.40		A	0.6
6	☐	1.000		8017415.92		A	0.6
7	☐	1.000		8307371.33		A	3.0
8	☐	1.000		8215607.93		A	1.4

89 Y (ISTD) [He]

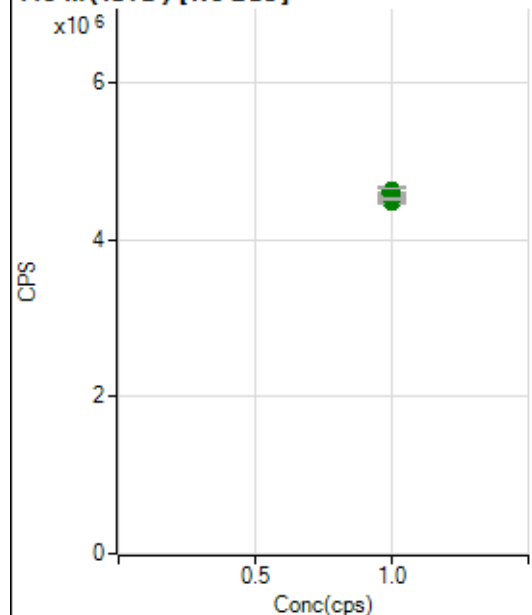
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		831639.63		P	2.0
2	☐	1.000		822072.76		P	1.4
3	☐	1.000		822304.42		P	1.6
4	☐	1.000		817703.14		P	2.6
5	☐	1.000		813149.89		P	0.8
6	☐	1.000		807588.48		P	1.2
7	☐	1.000		817037.82		P	1.8
8	☐	1.000		840797.49		P	1.0

103 Rh (ISTD) [No Gas]

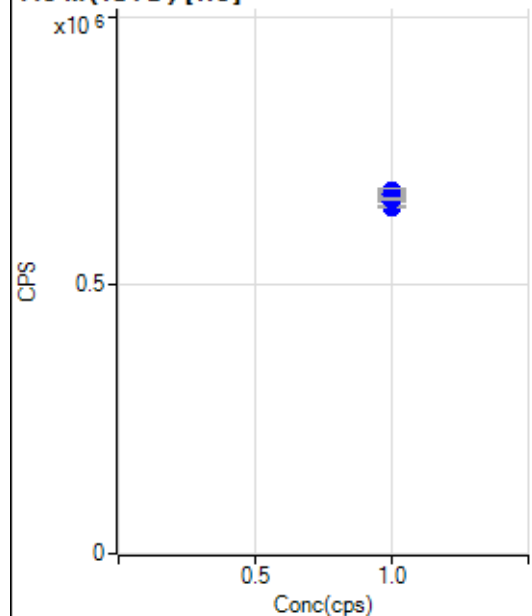
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4597487.21		A	3.0
2	☐	1.000		4625671.11		A	0.1
3	☐	1.000		4575539.12		A	0.1
4	☐	1.000		4549506.09		A	1.5
5	☐	1.000		4646443.94		A	0.4
6	☐	1.000		4519285.34		A	1.8
7	☐	1.000		4581746.41		A	3.1
8	☐	1.000		4339147.97		A	0.8

103 Rh (ISTD) [He]

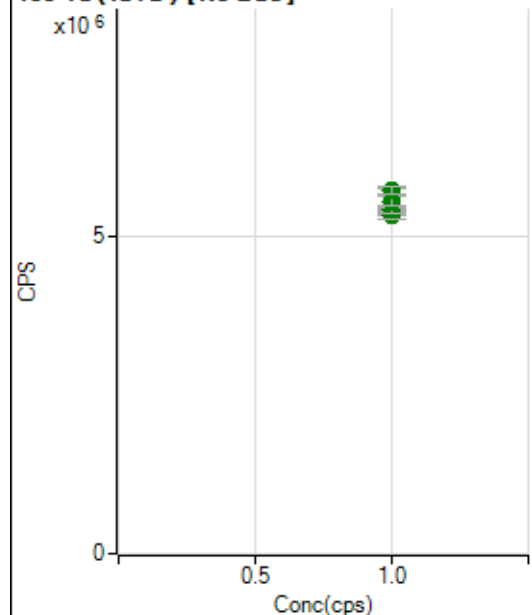
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1941566.54		A	2.3
2	☐	1.000		1903669.95		A	1.2
3	☐	1.000		1921852.90		A	3.8
4	☐	1.000		1889425.32		A	1.1
5	☐	1.000		1891969.94		A	1.2
6	☐	1.000		1857032.04		A	1.4
7	☐	1.000		1849886.54		A	1.9
8	☐	1.000		1807246.28		A	0.4

115 In (ISTD) [No Gas]

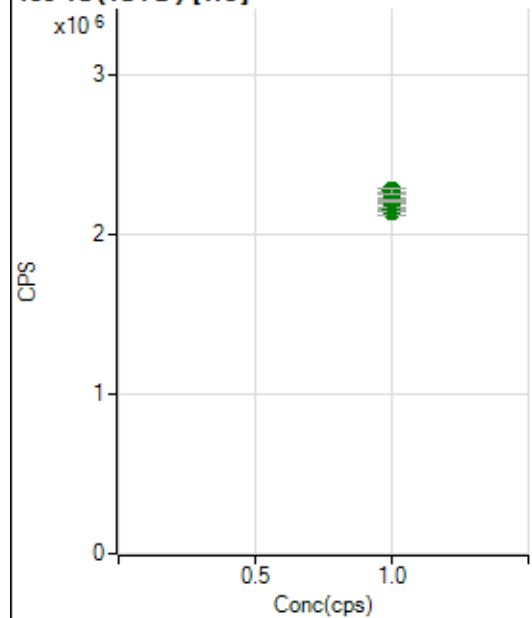
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4482488.22		A	0.4
2	☐	1.000		4585701.26		A	1.3
3	☐	1.000		4527810.35		A	0.7
4	☐	1.000		4619159.85		A	2.0
5	☐	1.000		4555742.62		A	4.1
6	☐	1.000		4575034.84		A	1.5
7	☐	1.000		4603731.80		A	2.2
8	☐	1.000		4517766.27		A	0.9

115 In (ISTD) [He]

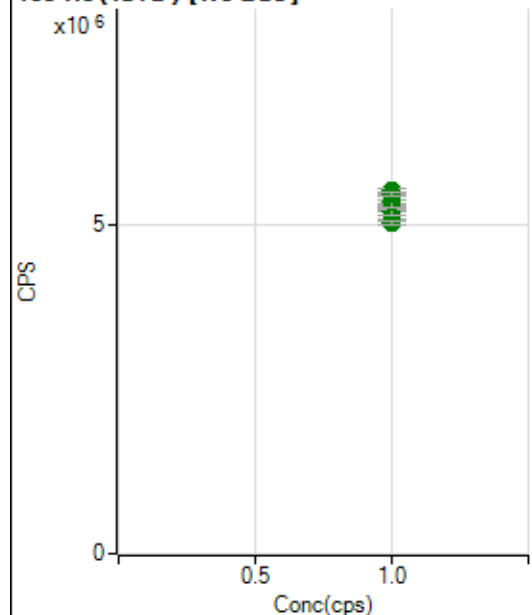
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		672562.83		P	1.3
2	☐	1.000		675950.28		P	0.7
3	☐	1.000		671121.09		P	2.5
4	☐	1.000		662270.87		P	1.1
5	☐	1.000		657604.72		P	0.4
6	☐	1.000		654042.75		P	1.3
7	☐	1.000		645329.26		P	0.6
8	☐	1.000		661003.94		P	0.2

159 Tb (ISTD) [No Gas]

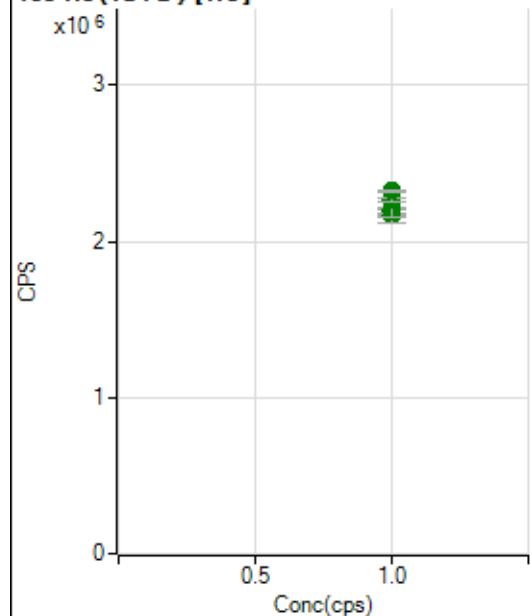
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5365753.46		A	1.9
2	☐	1.000		5338101.59		A	0.8
3	☐	1.000		5322477.35		A	2.4
4	☐	1.000		5335145.93		A	2.4
5	☐	1.000		5402689.33		A	1.4
6	☐	1.000		5545337.48		A	2.5
7	☐	1.000		5701155.68		A	1.8
8	☐	1.000		5703410.26		A	2.1

159 Tb (ISTD) [He]

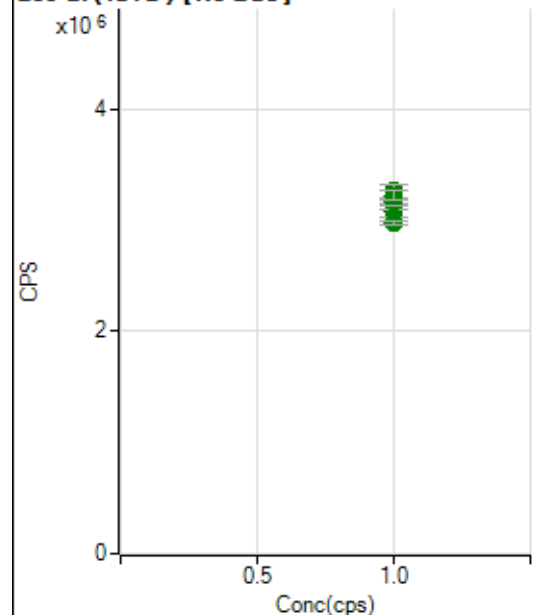
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2145279.48		A	0.9
2	☐	1.000		2150462.61		A	3.5
3	☐	1.000		2212735.57		A	4.2
4	☐	1.000		2169812.76		A	2.3
5	☐	1.000		2193038.39		A	2.0
6	☐	1.000		2209445.68		A	2.0
7	☐	1.000		2210819.27		A	0.3
8	☐	1.000		2269401.60		A	1.9

165 Ho (ISTD) [No Gas]

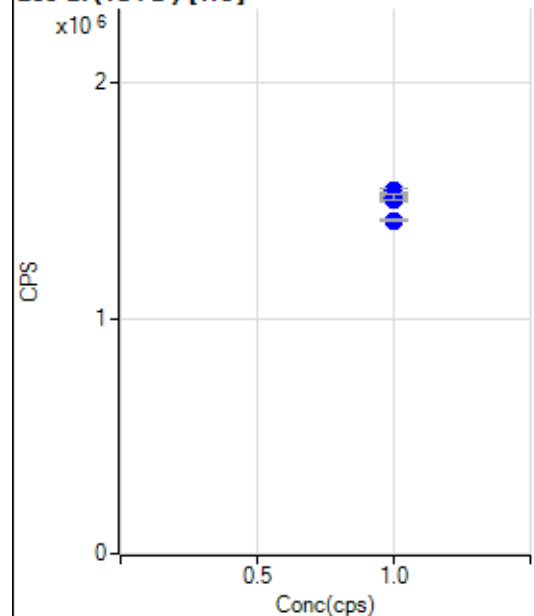
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5130191.82		A	2.2
2	☐	1.000		5033186.87		A	1.2
3	☐	1.000		5247871.17		A	1.8
4	☐	1.000		5190828.11		A	1.4
5	☐	1.000		5339618.52		A	1.0
6	☐	1.000		5349934.58		A	3.1
7	☐	1.000		5510777.43		A	1.5
8	☐	1.000		5467595.83		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2186936.04		A	1.8
2	☐	1.000		2167104.64		A	4.3
3	☐	1.000		2251616.34		A	2.6
4	☐	1.000		2187715.75		A	1.1
5	☐	1.000		2204548.79		A	4.8
6	☐	1.000		2268647.71		A	1.0
7	☐	1.000		2266835.44		A	0.8
8	☐	1.000		2323846.11		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3079097.00		A	3.7
2	☐	1.000		3160148.53		A	1.7
3	☐	1.000		3123873.70		A	1.8
4	☐	1.000		3170155.37		A	2.0
5	☐	1.000		3164969.50		A	1.9
6	☐	1.000		3262080.16		A	4.0
7	☐	1.000		3224144.12		A	2.3
8	☐	1.000		2974969.85		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1522647.95		P	0.8
2	☐	1.000		1529869.98		P	0.5
3	☐	1.000		1542397.72		P	1.2
4	☐	1.000		1503448.19		P	1.0
5	☐	1.000		1519815.57		P	0.6
6	☐	1.000		1525122.77		P	1.9
7	☐	1.000		1515051.92		P	1.9
8	☐	1.000		1418084.51		P	0.2