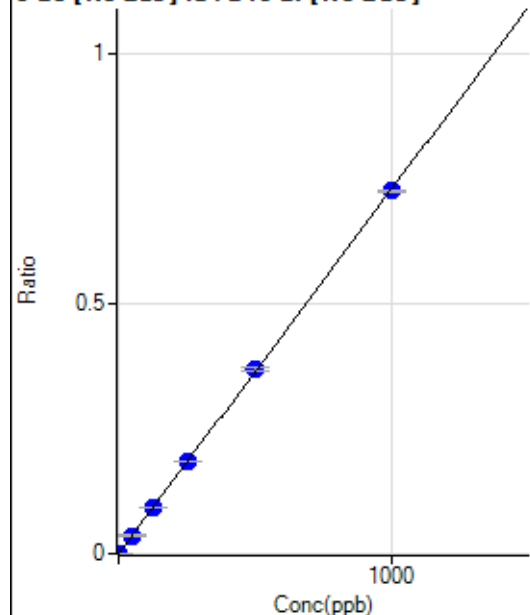


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8013020 MS.b\
Analysis File: P8013020 MS.batch.bin
DA Date-Time: 2020-01-30 18:06:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-01-30 13:18:52
2	006CALS.d	S02	2020-01-30 13:22:00
3	007CALS.d	S03	2020-01-30 13:25:05
4	008CALS.d	S04	2020-01-30 13:28:11
5	009CALS.d	S05	2020-01-30 13:31:14
6	010CALS.d	S06	2020-01-30 13:34:14
7	011CALS.d	S07	2020-01-30 13:37:12
8	012CALS.d	S08	2020-01-30 13:40:13

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.66	0.0000	P	43.5
2	☐	1.000	0.942	505.91	0.0007	P	7.5
3	☐	50.000	50.006	26913.14	0.0365	P	1.9
4	☐	125.000	126.279	67338.56	0.0922	P	1.1
5	☐	250.000	253.396	135532.56	0.1849	P	1.0
6	☐	500.000	506.464	280231.19	0.3696	P	1.2
7	☐	1000.000	995.759	561796.47	0.7266	P	0.8
8	☐			141.31	0.0002	P	24.0

$$y = 7.2968\text{E-}004 * x + 2.9316\text{E-}005$$

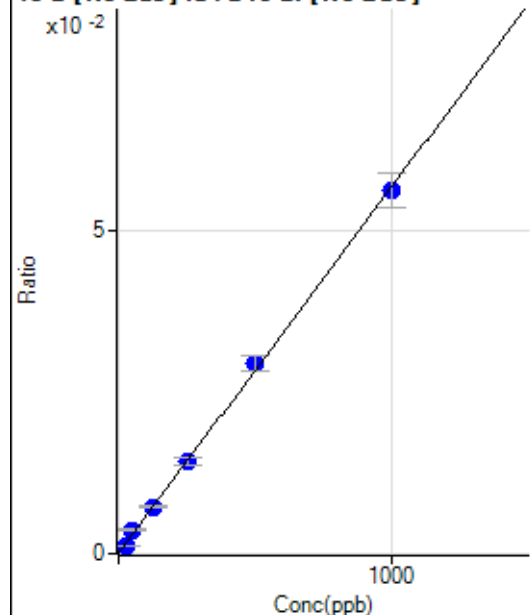
$$R = 1.0000$$

$$DL = 0.05246$$

$$BEC = 0.04018$$

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	49.99	0.0001	P	22.0
2	☐	25.000	20.033	853.19	0.0012	P	11.5
3	☐	50.000	63.017	2689.72	0.0036	P	6.7
4	☐	125.000	125.838	5271.25	0.0072	P	5.0
5	☐	250.000	251.086	10499.69	0.0143	P	8.6
6	☐	500.000	518.337	22364.55	0.0295	P	8.0
7	☐	1000.000	989.928	43501.69	0.0563	P	9.6
8	☐			7408.43	0.0102	P	10.1

$$y = 5.6787\text{E-}005 * x + 7.0900\text{E-}005$$

$$R = 0.9996$$

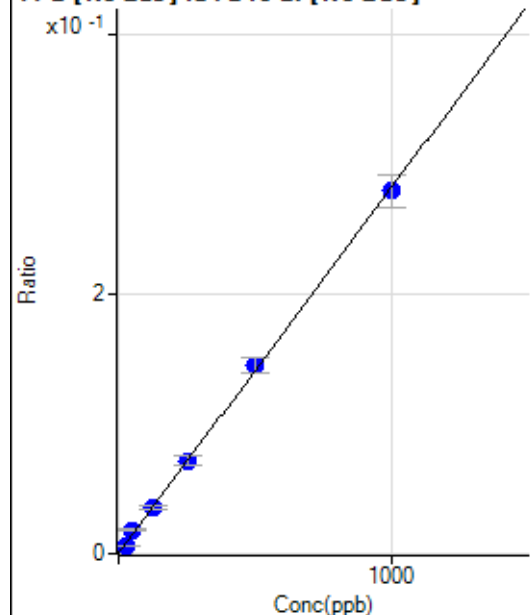
$$DL = 0.8251$$

$$BEC = 1.249$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	185.30	0.0003	P	4.3
2	☐	25.000	20.224	4211.12	0.0060	P	9.5
3	☐	50.000	62.403	13163.31	0.0179	P	8.0
4	☐	125.000	124.901	25910.99	0.0355	P	6.6
5	☐	250.000	253.208	52499.81	0.0717	P	9.4
6	☐	500.000	515.997	110464.48	0.1457	P	8.3
7	☐	1000.000	990.711	216079.17	0.2796	P	9.3
8	☐			36958.99	0.0510	P	7.3

$$y = 2.8194\text{E-}004 * x + 2.6291\text{E-}004$$

$$R = 0.9997$$

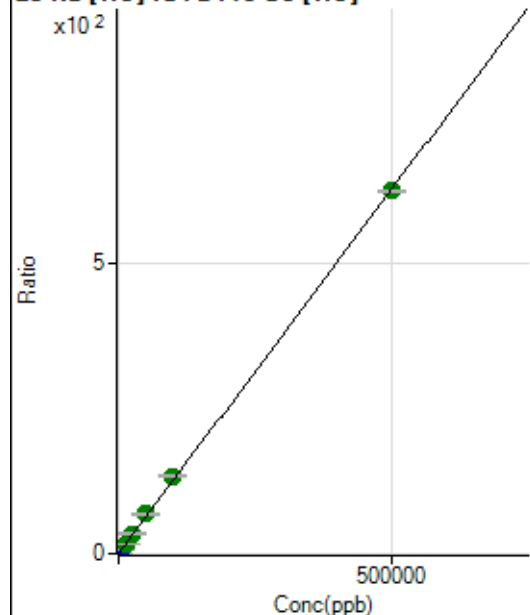
$$DL = 0.1206$$

$$BEC = 0.9325$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22579.07	0.2745	P	1.7
2	☐	500.000	556.995	80078.17	0.9749	P	1.4
3	☐	5000.000	5512.253	620480.04	7.2058	P	2.0
4	☐	12500.000	13813.858	1502313.49	17.6445	A	2.5
5	☐	25000.000	27468.307	3022486.72	34.8141	A	1.3
6	☐	50000.000	54096.383	6067138.20	68.2970	A	1.1
7	☐	100000.00	106740.91	12325710.00	134.4940	A	2.6
8	☐	500000.00	498080.73	52768113.33	626.5772	A	0.7

$$y = 0.0013 * x + 0.2745$$

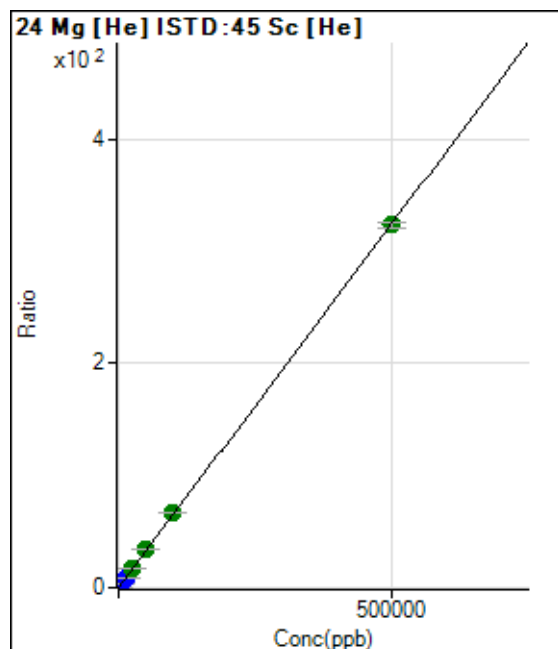
$$R = 0.9999$$

$$DL = 11.25$$

$$BEC = 218.3$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0025	P	16.3
2	☐	500.000	539.797	28954.36	0.3525	P	0.6
3	☐	5000.000	5446.629	304292.45	3.5342	P	2.5
4	☐	12500.000	13652.277	754069.85	8.8550	P	1.0
5	☐	25000.000	27234.355	1533635.06	17.6620	A	1.6
6	☐	50000.000	52984.996	3052147.53	34.3595	A	1.0
7	☐	100000.00	103295.72	6139398.62	66.9825	A	1.8
8	☐	500000.00	498897.32	27241076.31	323.5023	A	1.3

$$y = 6.4843\text{E-}004 * x + 0.0025$$

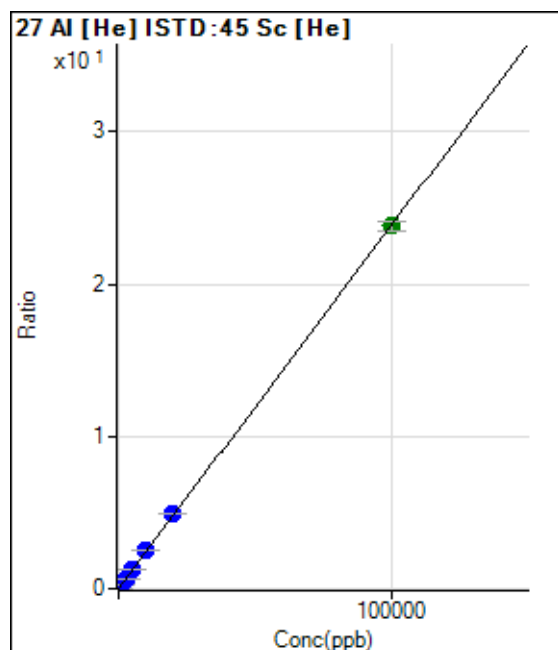
$$R = 1.0000$$

$$DL = 1.855$$

$$BEC = 3.799$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	472.24	0.0057	P	8.7
2	☐	20.000	20.958	882.26	0.0107	P	4.1
3	☐	1000.000	1058.888	22232.67	0.2583	P	4.8
4	☐	2500.000	2609.803	53506.99	0.6283	P	0.3
5	☐	5000.000	5216.454	108504.42	1.2501	P	2.6
6	☐	10000.000	10449.837	221938.34	2.4984	P	0.7
7	☐	20000.000	20583.681	450534.44	4.9157	P	1.9
8	☐	100000.00	99824.123	2005377.70	23.8176	A	2.7

$$y = 2.3854\text{E-}004 * x + 0.0057$$

$$R = 1.0000$$

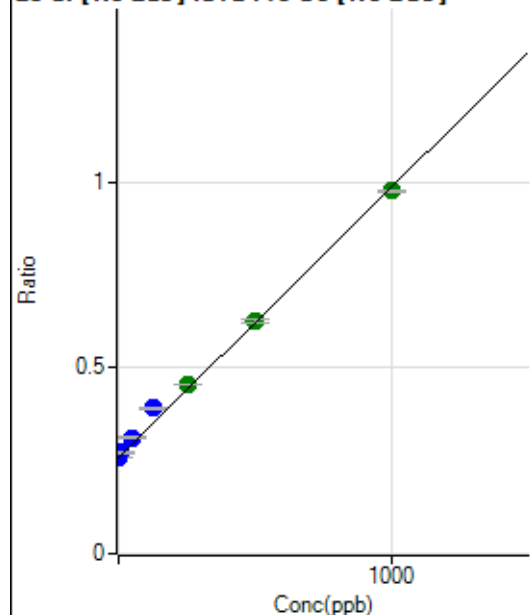
$$DL = 6.286$$

$$BEC = 24.06$$

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	550510.59	0.2605	P	0.5
2	☐	10.000	17.255	571891.69	0.2731	P	1.0
3	☐	50.000	72.110	682767.02	0.3130	P	1.0
4	☐	125.000	180.969	851764.64	0.3922	P	1.1
5	☐	250.000	269.494	1005353.08	0.4567	A	0.7
6	☐	500.000	503.924	1426762.20	0.6273	A	1.0
7	☐	1000.000	984.990	2294168.80	0.9775	A	0.8
8	☐			695003.07	0.3121	P	0.8

$$y = 7.2790\text{E-}004 * x + 0.2605$$

$$R = 0.9985$$

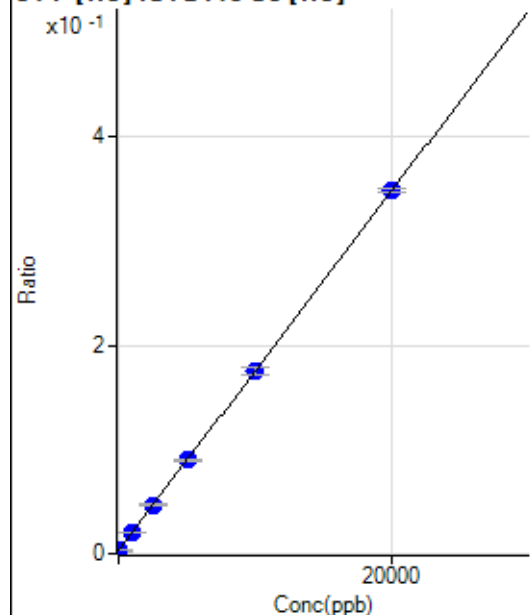
$$DL = 4.956$$

$$BEC = 357.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-36.337	200.01	0.0024	P	29.0
2	☐	0.000	36.337	302.79	0.0037	P	8.2
3	☐	1000.000	1010.362	1764.05	0.0205	P	4.8
4	☐	2500.000	2532.435	3975.64	0.0467	P	2.8
5	☐	5000.000	5035.541	7796.76	0.0898	P	3.1
6	☐	10000.000	9961.149	15522.73	0.1747	P	4.2
7	☐	20000.000	20005.968	31877.30	0.3478	P	1.0
8	☐			211.12	0.0025	P	25.0

$$y = 1.7231\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

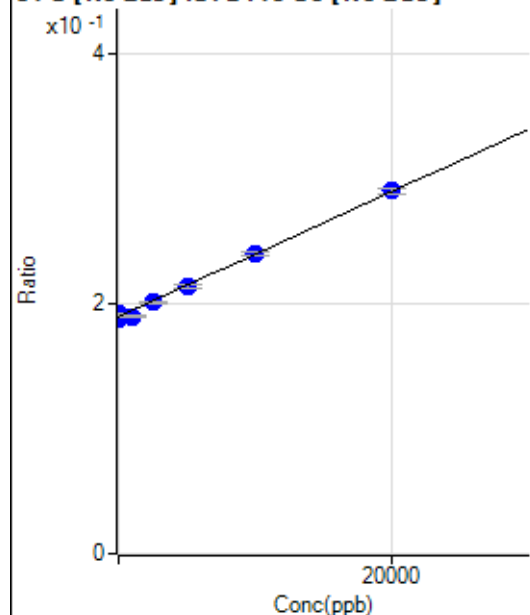
$$DL = 87.78$$

$$BEC = 177.5$$

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	-348.793	396921.05	0.1878	P	0.3
2	☐	0.000	348.793	400634.65	0.1913	P	1.1
3	☐	1000.000	1.551	413524.45	0.1896	P	1.1
4	☐	2500.000	2271.038	436251.99	0.2009	P	0.7
5	☐	5000.000	4807.733	470023.41	0.2135	P	1.3
6	☐	10000.000	10049.620	545135.07	0.2397	P	1.4
7	☐	20000.000	20101.799	680186.26	0.2898	P	1.5
8	☐			382492.97	0.1718	P	0.3

$$y = 4.9878\text{E-}006 * x + 0.1896$$

$$R = 0.9986$$

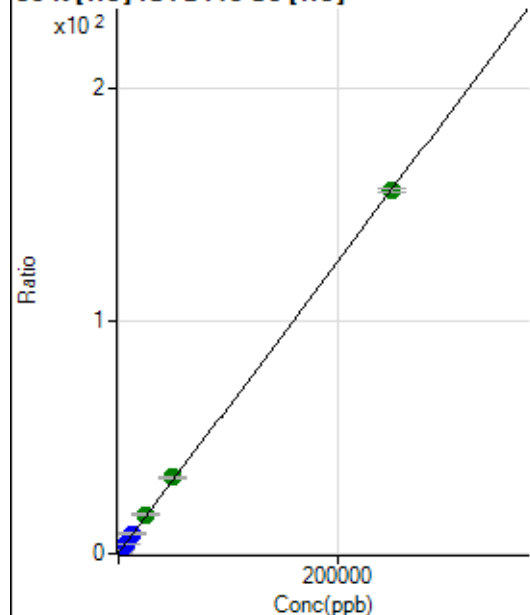
$$DL = 807.5$$

$$BEC = 3.8\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22142.57	0.2692	P	2.5
2	☐	500.000	518.175	48674.49	0.5925	P	0.9
3	☐	2500.000	2639.470	164955.83	1.9161	P	3.3
4	☐	6250.000	6681.358	377935.37	4.4380	P	0.9
5	☐	12500.000	13381.914	748202.26	8.6187	P	1.7
6	☐	25000.000	26694.603	1503470.20	16.9250	A	0.6
7	☐	50000.000	52167.470	3007889.06	32.8184	A	1.9
8	☐	250000.00	249340.73	13123594.05	155.8420	A	1.2

$$y = 6.2394\text{E-}004 * x + 0.2692$$

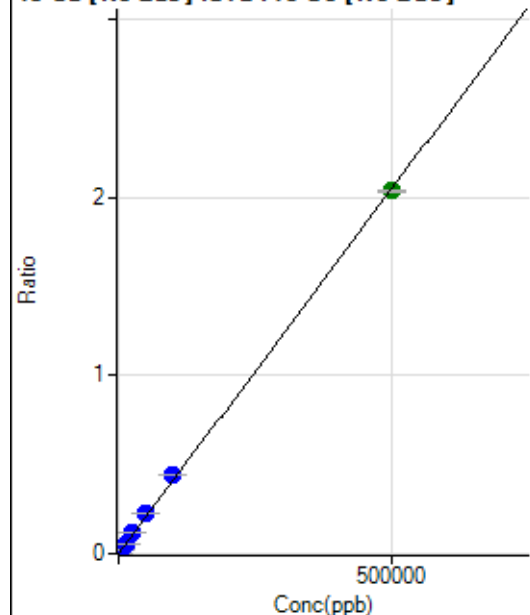
$$R = 0.9999$$

$$DL = 31.82$$

$$BEC = 431.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.36	0.0003	P	17.5
2	☐	500.000	537.558	5131.61	0.0025	P	3.0
3	☐	5000.000	5592.190	50430.96	0.0231	P	0.8
4	☐	12500.000	13677.096	121985.47	0.0562	P	1.3
5	☐	25000.000	27844.746	251141.60	0.1141	P	1.4
6	☐	50000.000	55416.475	515891.52	0.2268	P	0.6
7	☐	100000.00	108489.45	1041624.84	0.4438	P	1.0
8	☐	500000.00	497582.83	4530502.40	2.0346	A	0.6

$$y = 4.0885E-006 * x + 2.5244E-004$$

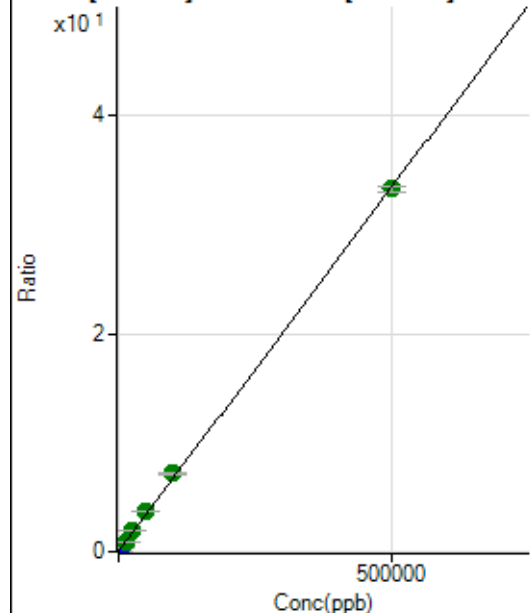
$$R = 0.9998$$

$$DL = 32.38$$

$$BEC = 61.74$$

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	60622.73	0.0287	P	0.9
2	☐	500.000	545.045	136381.27	0.0651	P	1.0
3	☐	5000.000	5607.689	880183.03	0.4035	P	0.9
4	☐	12500.000	13659.833	2044990.34	0.9416	A	0.8
5	☐	25000.000	27841.614	4159519.49	1.8895	A	0.3
6	☐	50000.000	54315.327	8321957.91	3.6589	A	1.1
7	☐	100000.00	107131.25	16871769.82	7.1889	A	1.4
8	☐	500000.00	497965.01	74175091.94	33.3105	A	1.9

$$y = 6.6836E-005 * x + 0.0287$$

$$R = 0.9999$$

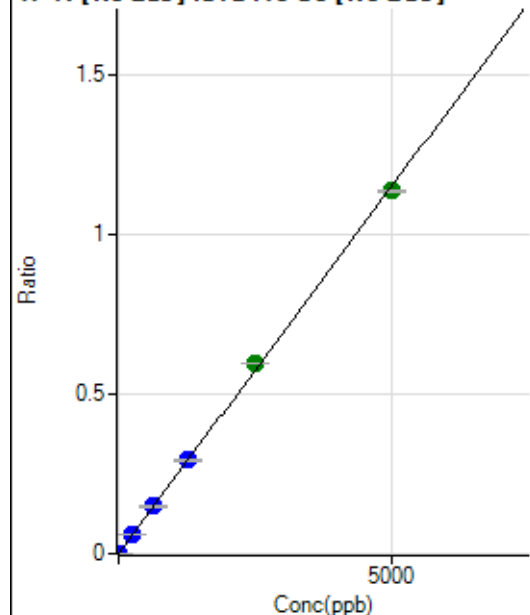
$$DL = 11.41$$

$$BEC = 429.2$$

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	925.06	0.0004	P	7.1
2	☐	10.000	5.009	3328.24	0.0016	P	4.7
3	☐	250.000	271.262	136960.13	0.0628	P	0.8
4	☐	625.000	644.727	322721.26	0.1486	P	1.7
5	☐	1250.000	1275.345	646064.07	0.2935	P	1.6
6	☐	2500.000	2595.049	1357472.13	0.5968	A	0.8
7	☐	5000.000	4942.621	2667079.83	1.1363	A	0.6
8	☐			1366.78	0.0006	P	14.4

$$y = 2.2982E-004 * x + 4.3772E-004$$

$$R = 0.9997$$

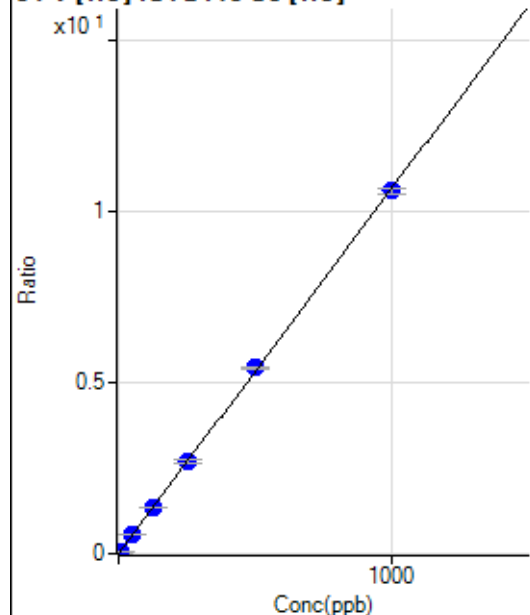
$$DL = 0.404$$

$$BEC = 1.905$$

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	28.89	0.0004	P	17.5
2	☐	5.000	5.160	4548.55	0.0554	P	2.9
3	☐	50.000	50.715	46596.92	0.5412	P	2.4
4	☐	125.000	126.608	114996.58	1.3505	P	1.7
5	☐	250.000	252.636	233873.96	2.6945	P	2.6
6	☐	500.000	509.614	482790.48	5.4349	P	0.5
7	☐	1000.000	994.296	971852.11	10.6035	P	1.6
8	☐			334.45	0.0040	P	8.9

$$y = 0.0107 * x + 3.5115E-004$$

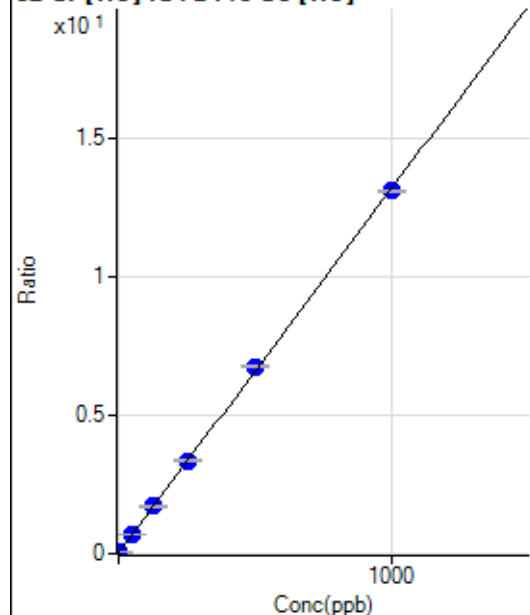
$$R = 0.9999$$

$$DL = 0.01726$$

$$BEC = 0.03293$$

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	1560.10	0.0190	P	5.8
2	☐	2.000	2.011	3733.85	0.0455	P	3.2
3	☐	50.000	51.107	59594.72	0.6922	P	3.2
4	☐	125.000	127.802	144983.59	1.7026	P	1.4
5	☐	250.000	252.394	290263.20	3.3440	P	2.4
6	☐	500.000	510.466	599036.77	6.7437	P	1.1
7	☐	1000.000	993.763	1201817.21	13.1106	P	0.5
8	☐			20805.24	0.2471	P	2.3

$$y = 0.0132 * x + 0.0190$$

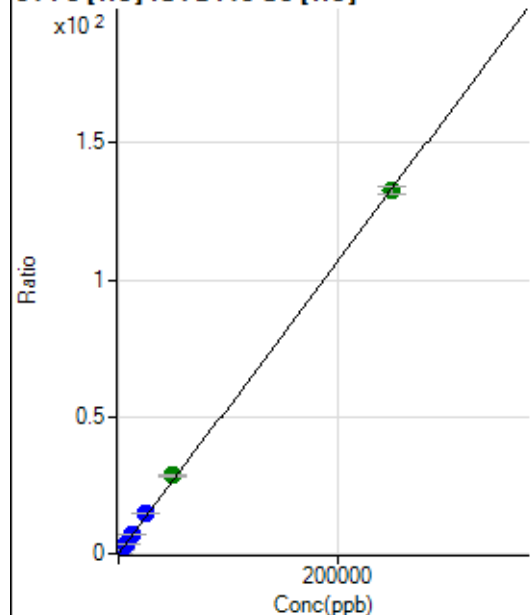
$$R = 0.9999$$

$$DL = 0.2517$$

$$BEC = 1.44$$

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	624.10	0.0076	P	6.6
2	☐	50.000	56.335	3085.57	0.0376	P	0.6
3	☐	2500.000	2740.872	126239.94	1.4659	P	1.3
4	☐	6250.000	6818.702	309561.74	3.6355	P	1.9
5	☐	12500.000	13588.594	628291.01	7.2373	P	1.9
6	☐	25000.000	27226.900	1287501.24	14.4935	P	0.5
7	☐	50000.000	53505.520	2609933.31	28.4750	A	1.3
8	☐	250000.00	249005.14	11155737.29	132.4897	A	2.1

$$y = 5.3205E-004 * x + 0.0076$$

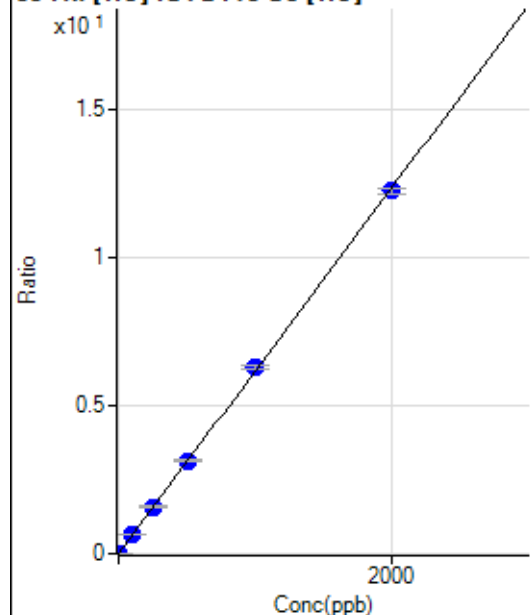
$$R = 0.9999$$

$$DL = 2.837$$

$$BEC = 14.26$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	131.11	0.0016	P	29.4
2	☐	1.000	1.023	650.02	0.0079	P	5.4
3	☐	100.000	103.370	55065.84	0.6396	P	2.6
4	☐	250.000	256.991	135197.07	1.5877	P	1.4
5	☐	500.000	508.815	272765.00	3.1419	P	1.6
6	☐	1000.000	1022.564	560731.01	6.3126	P	1.5
7	☐	2000.000	1985.472	1123249.97	12.2554	P	1.7
8	☐			4771.96	0.0567	P	1.1

$$y = 0.0062 * x + 0.0016$$

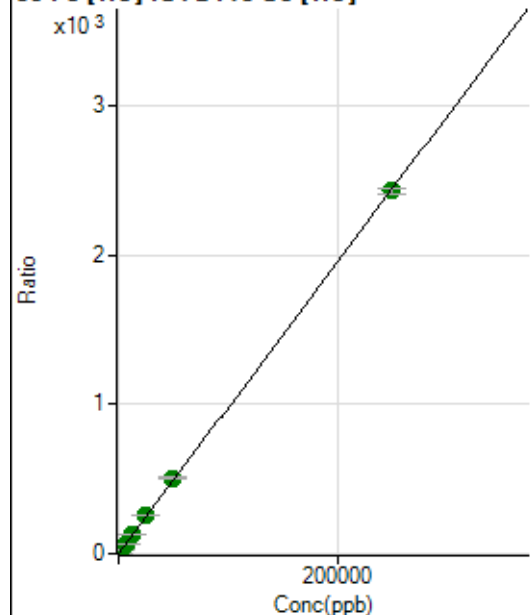
$$R = 0.9999$$

$$DL = 0.2278$$

$$BEC = 0.2587$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4021.01	0.0489	P	2.6
2	☐	50.000	56.387	49227.51	0.5992	P	1.8
3	☐	2500.000	2744.905	2310356.53	26.8399	A	3.8
4	☐	6250.000	6725.252	5593309.27	65.6891	A	2.0
5	☐	12500.000	13208.376	11197345.97	128.9662	A	1.0
6	☐	25000.000	26866.923	23298509.78	262.2772	A	0.8
7	☐	50000.000	52136.782	46640462.15	508.9178	A	2.7
8	☐	250000.00	249336.20	204921834.2	2.433.636	A	1.6

$$y = 0.0098 * x + 0.0489$$

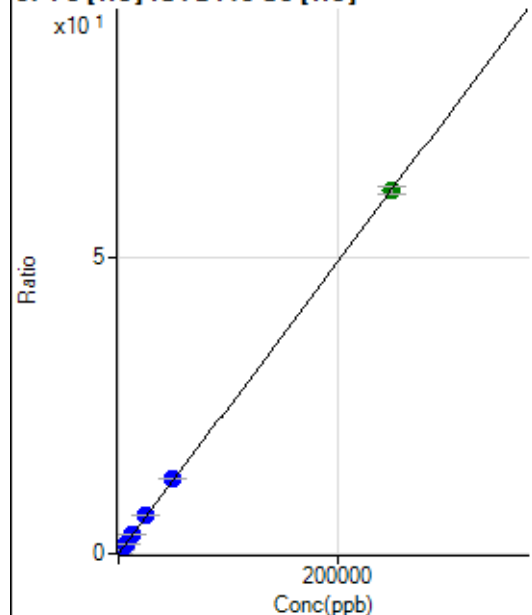
$$R = 0.9999$$

$$DL = 0.3832$$

$$BEC = 5.009$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.19	0.0016	P	28.0
2	☐	50.000	56.507	1277.86	0.0156	P	7.0
3	☐	2500.000	2687.688	57101.20	0.6632	P	2.7
4	☐	6250.000	6630.102	139111.71	1.6337	P	1.7
5	☐	12500.000	13190.437	282017.97	3.2485	P	1.5
6	☐	25000.000	26543.662	580542.71	6.5355	P	1.1
7	☐	50000.000	51677.227	1166128.35	12.7222	P	0.9
8	☐	250000.00	249464.28	5171490.68	61.4081	A	2.1

$$y = 2.4615E-004 * x + 0.0016$$

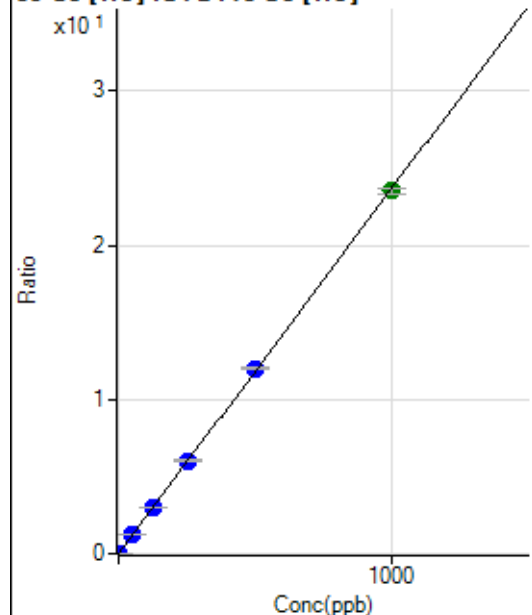
$$R = 1.0000$$

$$DL = 5.609$$

$$BEC = 6.665$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0005	P	50.2
2	☐	1.000	1.058	2093.51	0.0255	P	2.9
3	☐	50.000	51.451	104847.22	1.2178	P	2.5
4	☐	125.000	128.398	258747.36	3.0383	P	0.9
5	☐	250.000	254.122	521951.53	6.0128	P	2.2
6	☐	500.000	508.433	1068563.27	12.0297	P	1.4
7	☐	1000.000	994.256	2156004.25	23.5240	A	1.9
8	☐			3229.28	0.0384	P	2.0

$$y = 0.0237 * x + 4.5825E-004$$

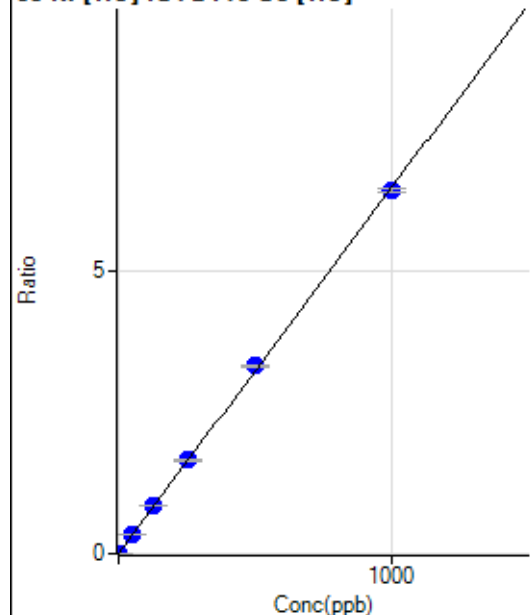
$$R = 0.9999$$

$$DL = 0.02915$$

$$BEC = 0.01937$$

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	106.67	0.0013	P	4.7
2	☐	1.000	1.142	712.25	0.0087	P	11.7
3	☐	50.000	52.502	29310.25	0.3404	P	2.3
4	☐	125.000	129.916	71565.63	0.8404	P	2.0
5	☐	250.000	255.198	143192.44	1.6496	P	2.5
6	☐	500.000	512.456	294125.66	3.3112	P	1.6
7	☐	1000.000	991.733	587241.90	6.4069	P	1.2
8	☐			6669.41	0.0792	P	4.3

$$y = 0.0065 * x + 0.0013$$

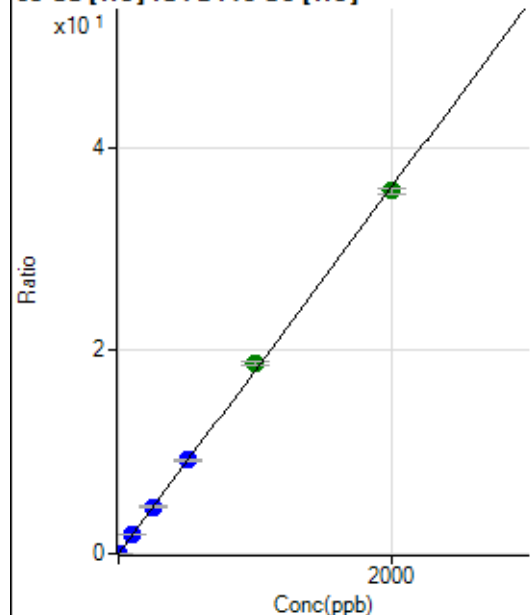
$$R = 0.9999$$

$$DL = 0.02858$$

$$BEC = 0.2007$$

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	165.56	0.0020	P	10.4
2	☐	2.000	2.110	3294.86	0.0401	P	3.5
3	☐	100.000	103.650	161273.21	1.8733	P	3.2
4	☐	250.000	255.060	392292.90	4.6069	P	1.5
5	☐	500.000	510.636	800368.16	9.2211	P	2.7
6	☐	1000.000	1034.434	1659032.32	18.6778	A	2.1
7	☐	2000.000	1979.309	3275429.53	35.7366	A	1.9
8	☐			8015.66	0.0952	P	1.6

$$y = 0.0181 * x + 0.0020$$

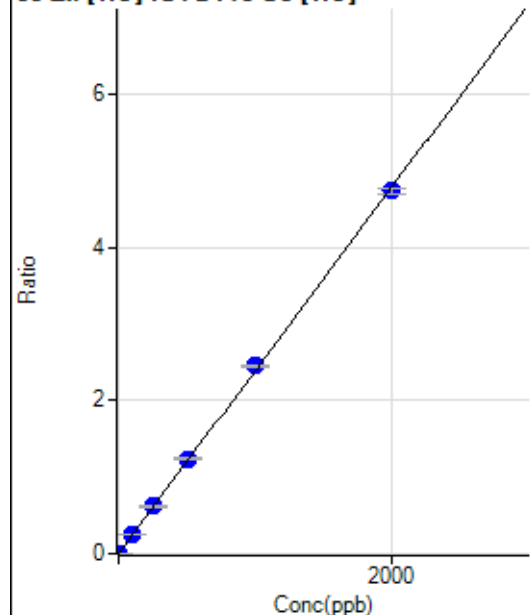
$$R = 0.9998$$

$$DL = 0.03472$$

$$BEC = 0.1115$$

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	76.67	0.0009	P	19.5
2	☐	5.000	2.289	525.57	0.0064	P	2.2
3	☐	100.000	105.720	21814.65	0.2534	P	2.5
4	☐	250.000	257.415	52416.52	0.6156	P	1.8
5	☐	500.000	516.554	107151.37	1.2343	P	2.0
6	☐	1000.000	1025.167	217537.14	2.4488	P	0.4
7	☐	2000.000	1982.072	433853.07	4.7336	P	1.9
8	☐			5991.32	0.0711	P	2.8

$$y = 0.0024 * x + 9.3282E-004$$

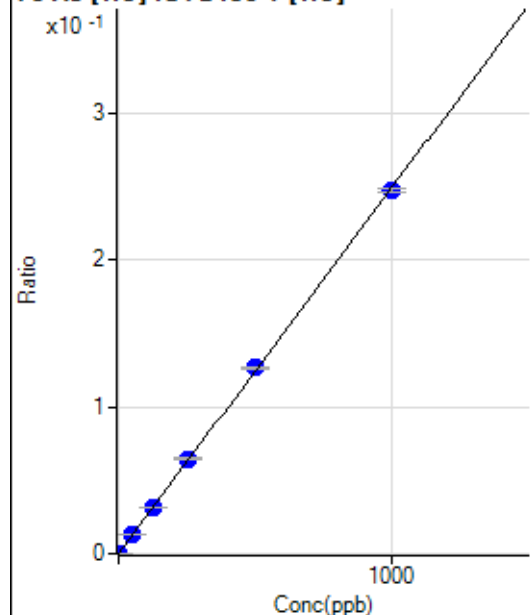
$$R = 0.9998$$

$$DL = 0.2283$$

$$BEC = 0.3907$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	68.9
2	☐	1.000	1.062	160.69	0.0003	P	8.2
3	☐	50.000	51.277	7930.03	0.0128	P	0.4
4	☐	125.000	127.468	19397.88	0.0317	P	0.7
5	☐	250.000	258.758	39626.85	0.0644	P	1.3
6	☐	500.000	509.875	81179.15	0.1268	P	1.0
7	☐	1000.000	992.501	165009.02	0.2469	P	1.2
8	☐			71.34	0.0001	P	15.2

$$y = 2.4875E-004 * x + 5.5170E-006$$

$$R = 0.9999$$

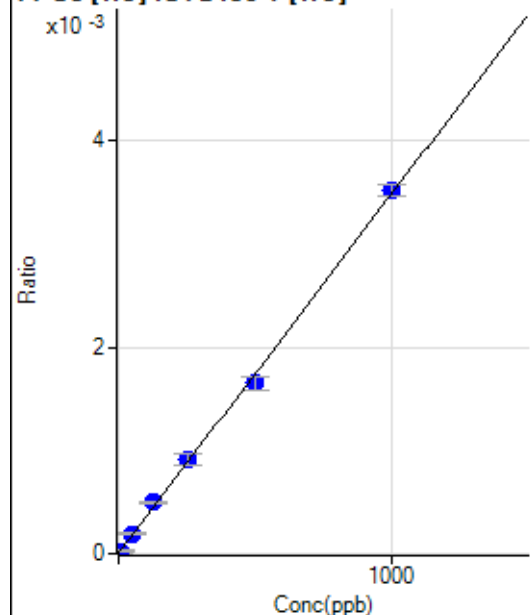
$$DL = 0.04584$$

$$BEC = 0.02218$$

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	☐	5.000	6.961	16.67	0.0000	P	68.7
3	☐	50.000	54.395	120.00	0.0002	P	10.2
4	☐	125.000	141.339	303.34	0.0005	P	3.1
5	☐	250.000	260.778	561.13	0.0009	P	10.8
6	☐	500.000	472.819	1056.72	0.0017	P	7.4
7	☐	1000.000	1008.624	2351.34	0.0035	P	3.2
8	☐			1.11	0.0000	P	173.

$$y = 3.4831\text{E-}006 * x + 3.6706\text{E-}006$$

$$R = 0.9993$$

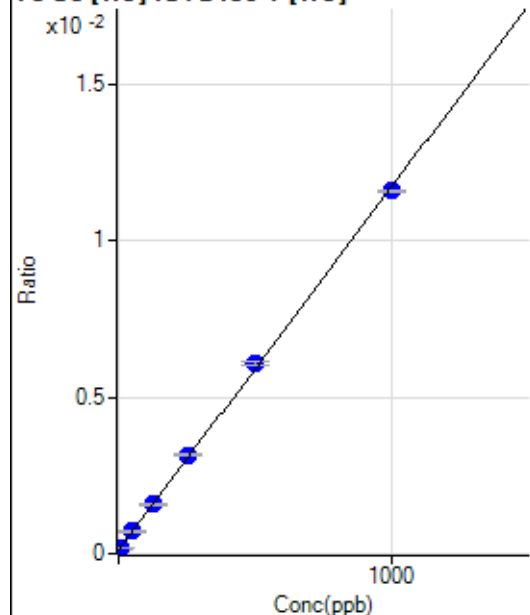
$$DL = 5.476$$

$$BEC = 1.054$$

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	67.68	0.0001	P	13.8
2	☐	5.000	4.521	98.01	0.0002	P	3.8
3	☐	50.000	52.564	448.39	0.0007	P	7.4
4	☐	125.000	126.081	962.13	0.0016	P	1.8
5	☐	250.000	262.095	1938.67	0.0031	P	1.5
6	☐	500.000	514.498	3887.60	0.0061	P	1.9
7	☐	1000.000	989.466	7738.24	0.0116	P	0.4
8	☐			63.01	0.0001	P	22.7

$$y = 1.1587\text{E-}005 * x + 1.1225\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.998$$

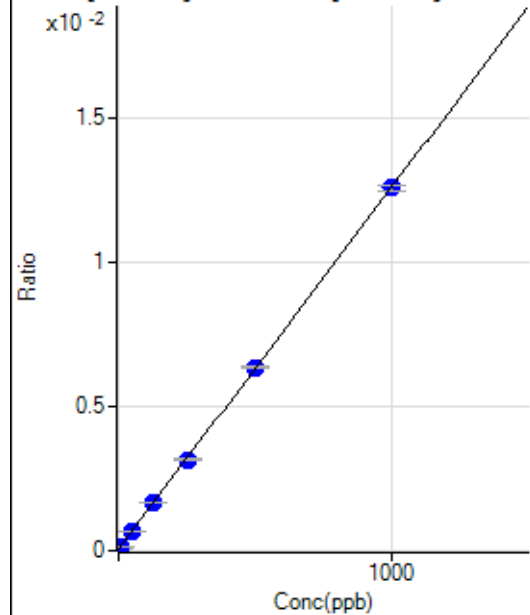
$$BEC = 9.687$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2486.40		P	8.5
2	☐			2414.17		P	6.3
3	☐			2433.61		P	3.8
4	☐			2380.82		P	10.4
5	☐			2447.52		P	9.2
6	☐			2553.07		P	2.0
7	☐			2586.43		P	2.0
8	☐			2853.16		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	238.58	0.0001	P	18.9
2	☐	5.000	6.393	576.12	0.0001	P	8.7
3	☐	50.000	49.341	3013.60	0.0007	P	2.7
4	☐	125.000	127.632	7343.91	0.0017	P	1.0
5	☐	250.000	247.797	14290.07	0.0032	P	1.0
6	☐	500.000	503.204	29314.17	0.0064	P	1.1
7	☐	1000.000	998.646	59413.60	0.0126	P	1.8
8	☐			260.67	0.0001	P	25.8

$$y = 1.2562E-005 * x + 5.5503E-005$$

$$R = 1.0000$$

$$DL = 2.502$$

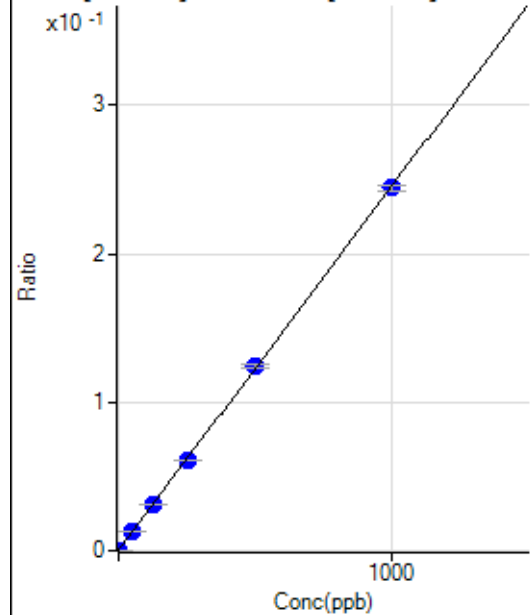
$$BEC = 4.418$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			815.59		P	8.5
2	☐			776.69		P	4.8
3	☐			817.81		P	10.7
4	☐			831.14		P	4.9
5	☐			806.70		P	11.8
6	☐			824.48		P	2.8
7	☐			823.37		P	7.0
8	☐			812.26		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1250.09	0.0003	P	11.2
2	☐	1.000	1.050	2325.26	0.0005	P	3.8
3	☐	50.000	50.239	56208.04	0.0126	P	0.6
4	☐	125.000	124.789	136608.40	0.0309	P	1.1
5	☐	250.000	248.947	276336.15	0.0613	P	0.5
6	☐	500.000	507.794	573056.88	0.1247	P	1.9
7	☐	1000.000	996.381	1152191.61	0.2443	P	1.4
8	☐			3681.15	0.0008	P	2.9

$$y = 2.4494\text{E-}004 * x + 2.9059\text{E-}004$$

$$R = 1.0000$$

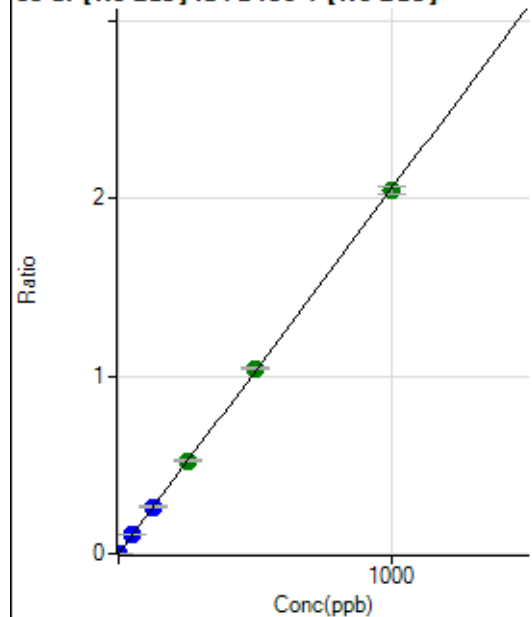
$$DL = 0.3975$$

$$BEC = 1.186$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	25.7
2	☐	1.000	1.013	8897.53	0.0021	P	2.0
3	☐	50.000	51.366	470976.96	0.1055	P	0.8
4	☐	125.000	128.554	1169299.09	0.2641	P	1.6
5	☐	250.000	254.200	2355574.43	0.5223	A	1.8
6	☐	500.000	508.493	4803186.04	1.0447	A	0.8
7	☐	1000.000	994.191	9631294.74	2.0426	A	2.2
8	☐			19973.14	0.0044	P	1.3

$$y = 0.0021 * x + 1.4795E-005$$

$$R = 0.9999$$

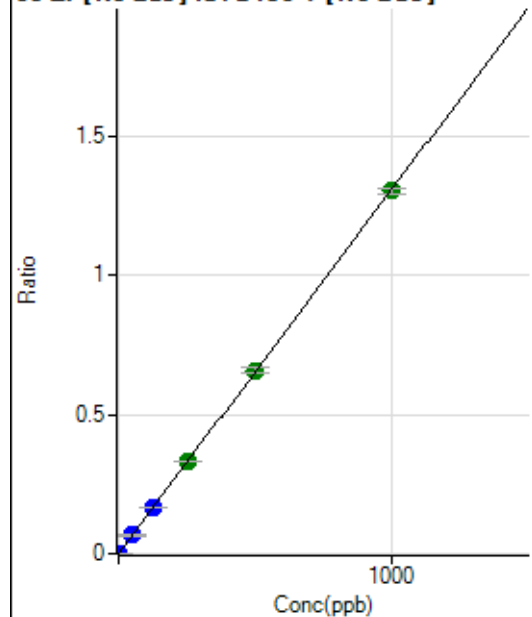
$$DL = 0.005552$$

$$BEC = 0.007201$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0000	P	25.0
2	☐	1.000	0.909	5248.38	0.0012	P	2.7
3	☐	50.000	50.210	293454.39	0.0658	P	0.7
4	☐	125.000	127.119	736843.35	0.1664	P	1.0
5	☐	250.000	252.060	1488204.87	0.3300	A	0.8
6	☐	500.000	504.418	3035086.92	0.6603	A	2.4
7	☐	1000.000	997.001	6153996.75	1.3050	A	1.6
8	☐			2008.54	0.0004	P	16.1

$$y = 0.0013 * x + 4.5917E-005$$

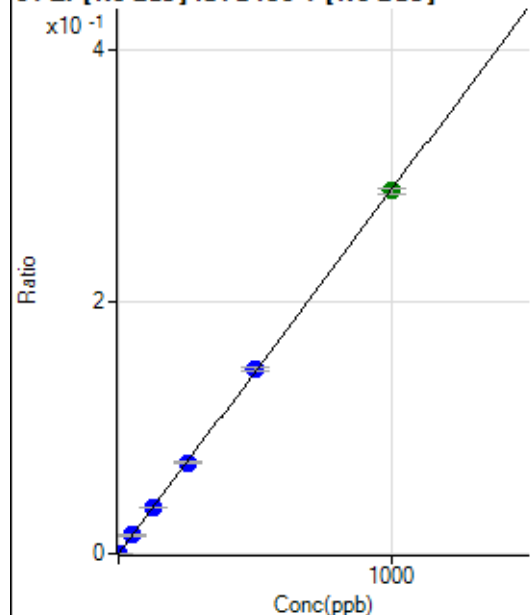
$$R = 1.0000$$

$$DL = 0.0263$$

$$BEC = 0.03508$$

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	41.67	0.0000	P	51.7
2	☐	1.000	0.931	1186.19	0.0003	P	8.4
3	☐	50.000	50.340	65069.27	0.0146	P	2.4
4	☐	125.000	127.599	163600.40	0.0369	P	1.9
5	☐	250.000	249.645	326011.44	0.0723	P	1.2
6	☐	500.000	506.133	673602.72	0.1465	P	1.8
7	☐	1000.000	996.680	1360672.11	0.2886	A	1.4
8	☐			408.35	0.0001	P	6.6

$$y = 2.8950\text{E-}004 * x + 9.6450\text{E-}006$$

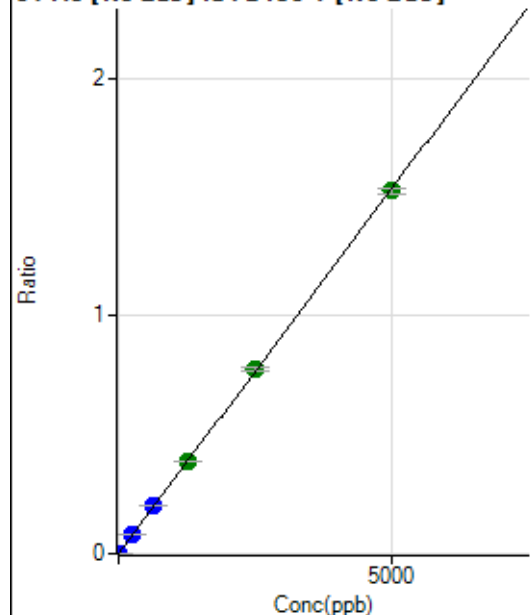
$$R = 1.0000$$

$$DL = 0.0517$$

$$BEC = 0.03332$$

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	52.78	0.0000	P	26.1
2	☐	10.000	5.256	6899.11	0.0016	P	4.5
3	☐	250.000	265.749	363650.45	0.0815	P	2.1
4	☐	625.000	647.910	879694.97	0.1987	P	0.3
5	☐	1250.000	1256.974	1738478.90	0.3854	A	0.3
6	☐	2500.000	2541.252	3581789.40	0.7792	A	2.1
7	☐	5000.000	4973.989	7191971.43	1.5252	A	1.3
8	☐			3995.13	0.0009	P	9.0

$$y = 3.0663\text{E-}004 * x + 1.2291\text{E-}005$$

$$R = 0.9999$$

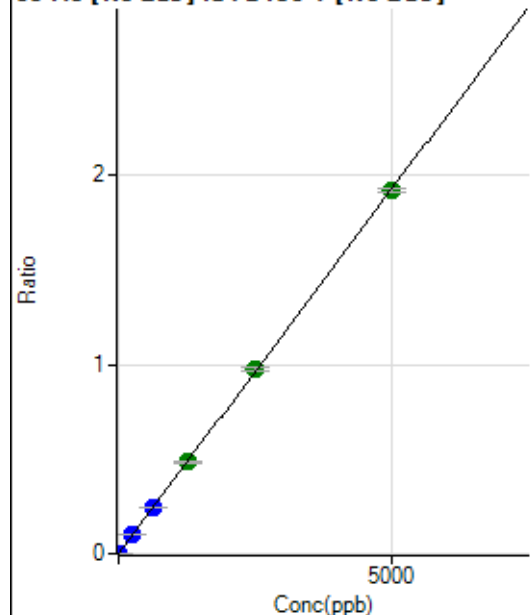
$$DL = 0.03133$$

$$BEC = 0.04009$$

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	47.22	0.0000	P	8.5
2	☐	10.000	5.105	8394.40	0.0020	P	3.3
3	☐	250.000	264.010	453690.95	0.1017	P	1.4
4	☐	625.000	640.493	1091980.16	0.2467	P	1.2
5	☐	1250.000	1259.681	2187863.85	0.4851	A	1.3
6	☐	2500.000	2531.072	4480003.96	0.9747	A	2.3
7	☐	5000.000	4979.416	9042428.07	1.9175	A	1.0
8	☐			5768.02	0.0013	P	6.9

$$y = 3.8508\text{E-}004 * x + 1.0951\text{E-}005$$

$$R = 1.0000$$

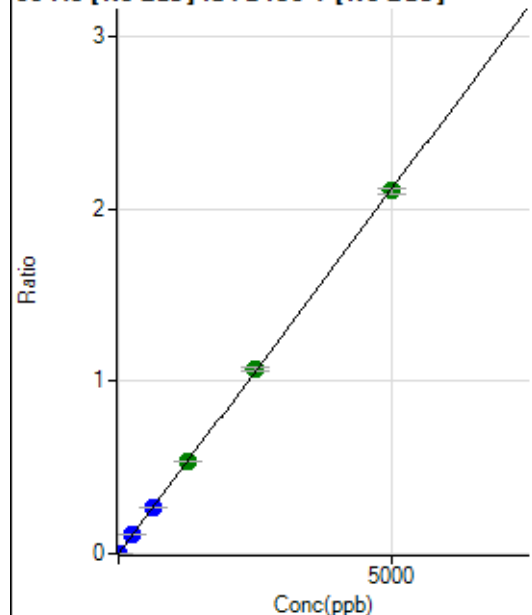
$$DL = 0.007227$$

$$BEC = 0.02844$$

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	130.56	0.0000	P	31.5
2	☐	10.000	5.208	9464.58	0.0022	P	2.4
3	☐	250.000	266.406	502100.45	0.1125	P	0.7
4	☐	625.000	640.017	1196543.15	0.2703	P	1.3
5	☐	1250.000	1270.162	2419072.34	0.5364	A	1.0
6	☐	2500.000	2526.970	4904659.44	1.0670	A	1.9
7	☐	5000.000	4978.787	9913067.58	2.1023	A	1.6
8	☐			7260.43	0.0016	P	6.0

$$y = 4.2225\text{E-}004 * x + 3.0426\text{E-}005$$

$$R = 1.0000$$

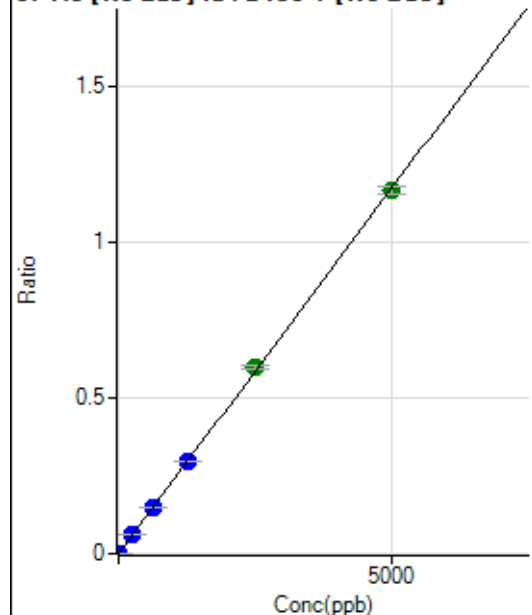
$$DL = 0.06813$$

$$BEC = 0.07206$$

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	13.89	0.0000	P	33.3
2	☐	10.000	5.017	5012.14	0.0012	P	3.3
3	☐	250.000	266.130	278675.69	0.0625	P	0.7
4	☐	625.000	640.111	665027.78	0.1502	P	1.2
5	☐	1250.000	1256.433	1329735.77	0.2948	P	0.8
6	☐	2500.000	2555.057	2755737.02	0.5995	A	2.5
7	☐	5000.000	4968.178	5496649.56	1.1658	A	2.3
8	☐			3575.55	0.0008	P	7.0

$$y = 2.3465E-004 * x + 3.2115E-006$$

$$R = 0.9999$$

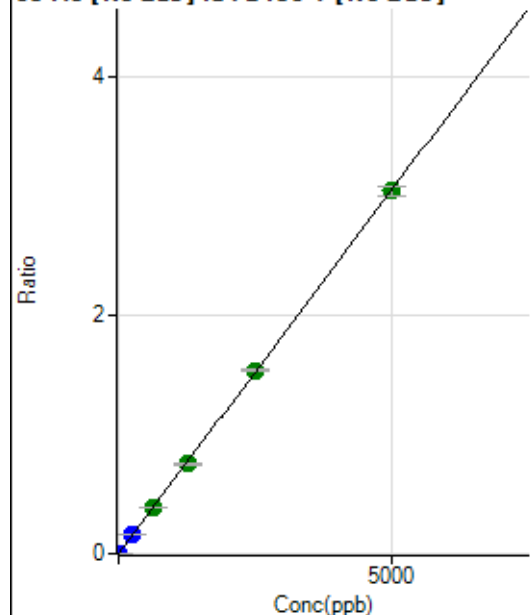
$$DL = 0.01369$$

$$BEC = 0.01369$$

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	36.11	0.0000	P	34.3
2	☐	10.000	5.133	13326.16	0.0031	P	2.0
3	☐	250.000	266.278	724811.74	0.1624	P	0.3
4	☐	625.000	636.495	1719275.62	0.3883	A	1.4
5	☐	1250.000	1232.152	3389969.78	0.7516	A	0.7
6	☐	2500.000	2520.897	7068405.11	1.5377	A	1.6
7	☐	5000.000	4991.772	14356723.41	3.0449	A	2.3
8	☐			8903.10	0.0019	P	7.2

$$y = 6.0998E-004 * x + 8.3722E-006$$

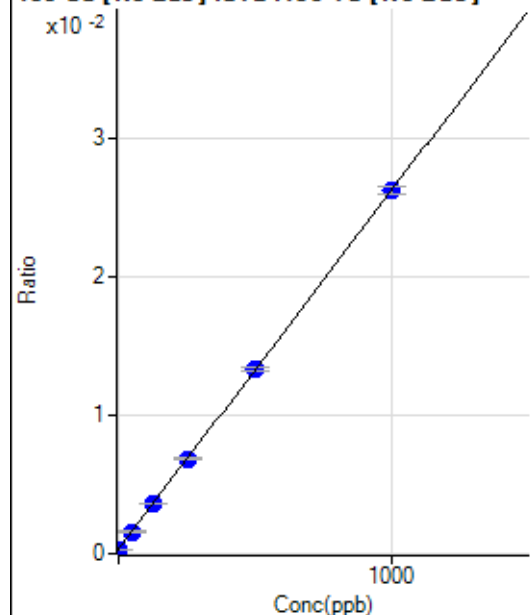
$$R = 1.0000$$

$$DL = 0.01414$$

$$BEC = 0.01373$$

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	994.51	0.0003	P	7.0
2	☐	1.000	-1.441	872.28	0.0003	P	0.9
3	☐	50.000	48.437	4903.80	0.0016	P	5.4
4	☐	125.000	128.345	11102.02	0.0036	P	1.1
5	☐	250.000	250.988	21264.09	0.0068	P	2.0
6	☐	500.000	501.680	43220.95	0.0133	P	1.6
7	☐	1000.000	998.576	87021.38	0.0261	P	2.3
8	☐			902.83	0.0003	P	4.4

$$y = 2.5850E-005 * x + 3.3191E-004$$

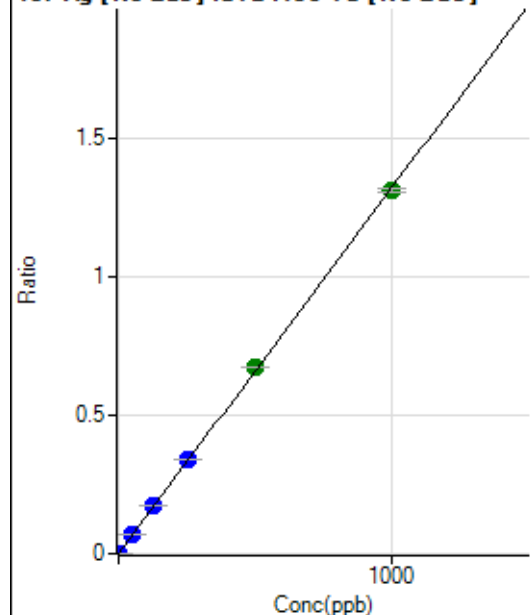
$$R = 1.0000$$

$$DL = 2.71$$

$$BEC = 12.84$$

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	22.22	0.0000	P	57.0
2	☐	1.000	0.992	3895.10	0.0013	P	4.4
3	☐	50.000	51.442	209945.90	0.0678	P	1.2
4	☐	125.000	131.960	529045.85	0.1739	P	2.1
5	☐	250.000	256.541	1054269.49	0.3382	P	0.7
6	☐	500.000	509.583	2182911.68	0.6717	A	0.7
7	☐	1000.000	992.631	4355263.55	1.3084	A	1.1
8	☐			1152.86	0.0004	P	25.8

$$y = 0.0013 * x + 7.4111E-006$$

$$R = 0.9999$$

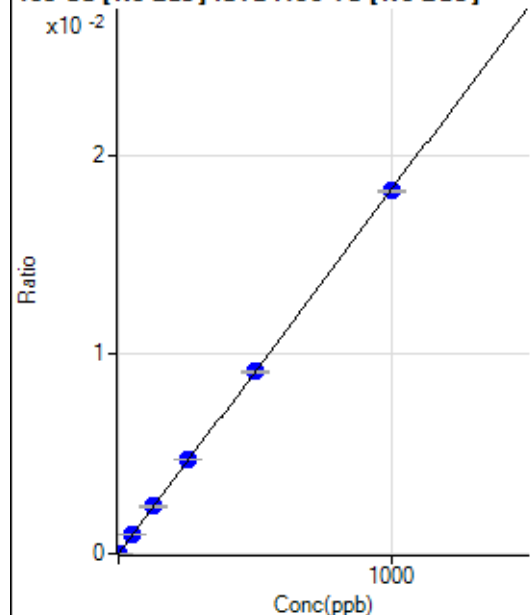
$$DL = 0.009616$$

$$BEC = 0.005623$$

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	8.33	0.0000	P	86.6
2	☐	1.000	0.875	55.56	0.0000	P	41.6
3	☐	50.000	53.013	3008.71	0.0010	P	2.8
4	☐	125.000	130.289	7251.99	0.0024	P	3.4
5	☐	250.000	259.760	14812.27	0.0048	P	0.9
6	☐	500.000	500.600	29748.78	0.0092	P	1.1
7	☐	1000.000	996.448	60646.39	0.0182	P	0.8
8	☐			30.56	0.0000	P	67.4

$$y = 1.8280\text{E-}005 * x + 2.7902\text{E-}006$$

$$R = 0.9999$$

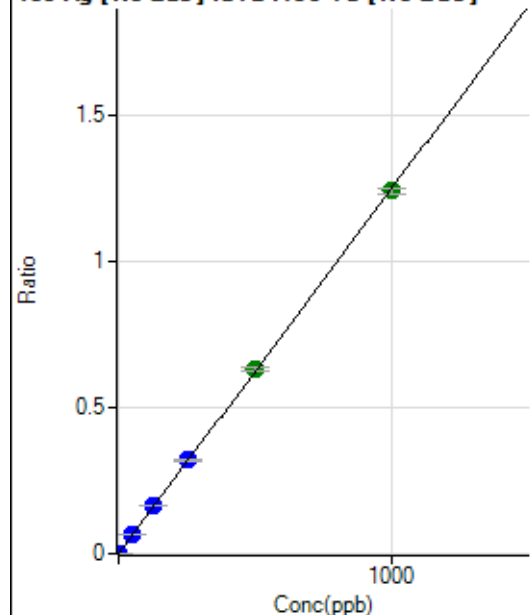
$$DL = 0.3966$$

$$BEC = 0.1526$$

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	22.22	0.0000	P	78.7
2	☐	1.000	1.005	3736.74	0.0013	P	7.3
3	☐	50.000	51.972	200966.07	0.0649	P	2.3
4	☐	125.000	130.699	496495.99	0.1632	P	1.2
5	☐	250.000	257.027	1000707.21	0.3210	P	1.8
6	☐	500.000	506.104	2053973.66	0.6321	A	2.0
7	☐	1000.000	994.380	4134304.18	1.2419	A	1.3
8	☐			1161.19	0.0004	P	5.9

$$y = 0.0012 * x + 7.4375\text{E-}006$$

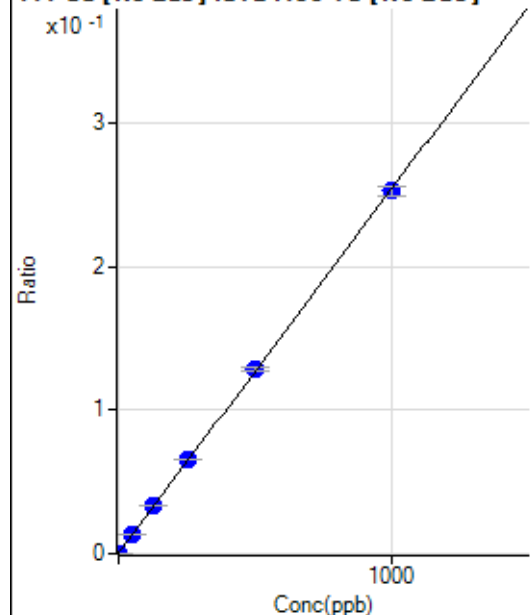
$$R = 0.9999$$

$$DL = 0.01406$$

$$BEC = 0.005955$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	698.66	0.0002	P	7.6
2	☐	1.000	0.816	1303.68	0.0004	P	7.0
3	☐	50.000	50.706	40579.74	0.0131	P	2.2
4	☐	125.000	130.209	101269.58	0.0333	P	1.2
5	☐	250.000	256.438	203732.91	0.0653	P	0.5
6	☐	500.000	505.373	417756.55	0.1286	P	1.3
7	☐	1000.000	995.018	841705.23	0.2529	P	2.5
8	☐			945.32	0.0003	P	1.3

$$y = 2.5391\text{E-}004 * x + 2.3317\text{E-}004$$

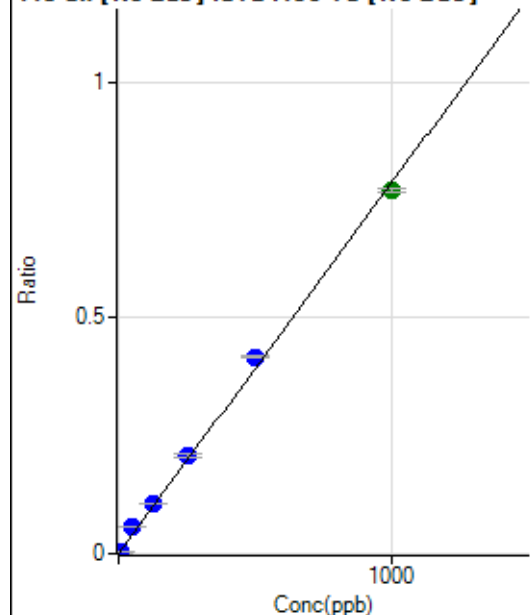
$$R = 0.9999$$

$$DL = 0.2098$$

$$BEC = 0.9183$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0001	P	32.2
2	☐	5.000	5.116	12080.62	0.0041	P	3.9
3	☐	50.000	72.434	176403.53	0.0570	P	1.6
4	☐	125.000	133.935	320335.91	0.1053	P	1.2
5	☐	250.000	264.695	648585.35	0.2081	P	2.2
6	☐	500.000	530.667	1355342.20	0.4171	P	1.2
7	☐	1000.000	978.753	2560402.27	0.7692	A	1.1
8	☐			1447.34	0.0005	P	9.6

$$y = 7.8580\text{E-}004 * x + 6.1254\text{E-}005$$

$$R = 0.9991$$

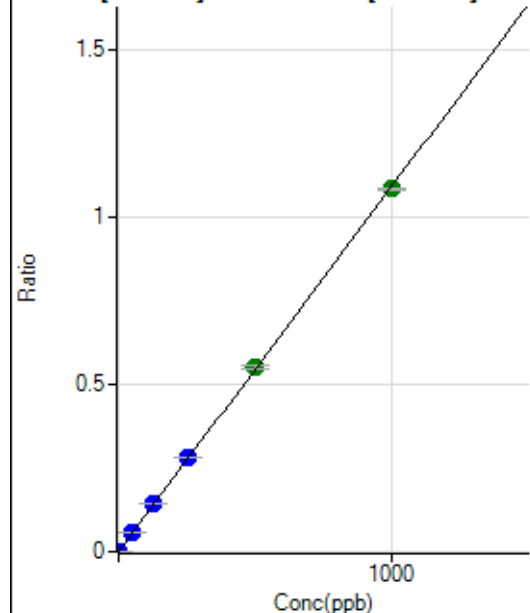
$$DL = 0.07523$$

$$BEC = 0.07795$$

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	8.33	0.0000	P	99.6
2	☐	2.000	1.996	6457.26	0.0022	P	3.8
3	☐	50.000	51.136	172766.07	0.0558	P	1.7
4	☐	125.000	130.600	433527.66	0.1425	P	1.3
5	☐	250.000	257.432	875763.99	0.2809	P	1.4
6	☐	500.000	506.491	1796068.38	0.5527	A	1.5
7	☐	1000.000	994.140	3611318.09	1.0848	A	0.5
8	☐			2364.17	0.0008	P	5.2

$$y = 0.0011 * x + 2.7758E-006$$

$$R = 0.9999$$

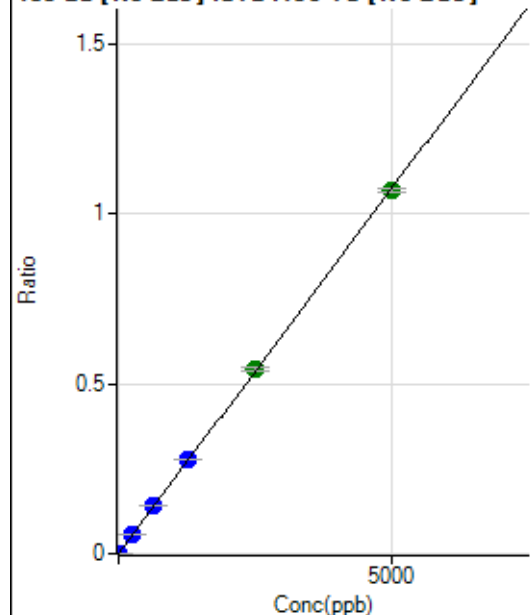
$$DL = 0.007598$$

$$BEC = 0.002544$$

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	22.22	0.0000	P	57.6
2	☐	10.000	10.313	6582.38	0.0022	P	4.2
3	☐	250.000	257.243	171194.00	0.0553	P	0.9
4	☐	625.000	660.253	431609.54	0.1419	P	2.4
5	☐	1250.000	1290.461	864723.89	0.2774	P	0.6
6	☐	2500.000	2526.761	1764839.64	0.5431	A	1.3
7	☐	5000.000	4971.735	3556883.76	1.0686	A	1.2
8	☐			6621.22	0.0021	P	2.9

$$y = 2.1493E-004 * x + 7.4237E-006$$

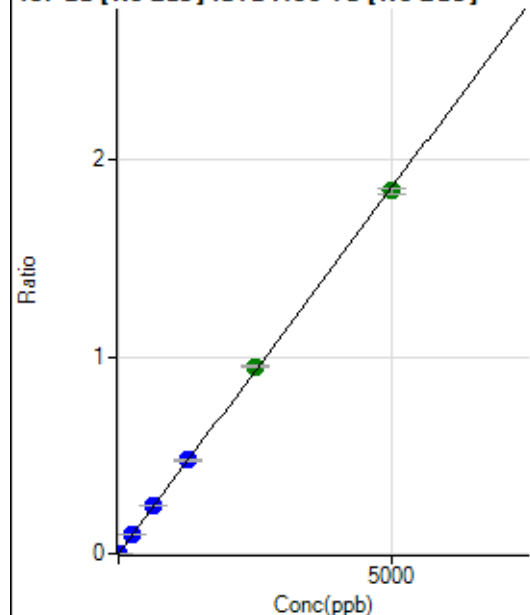
$$R = 0.9999$$

$$DL = 0.05973$$

$$BEC = 0.03454$$

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	16.67	0.0000	P	100.
2	☐	10.000	10.175	11202.16	0.0038	P	3.3
3	☐	250.000	255.822	294115.14	0.0950	P	1.2
4	☐	625.000	654.445	739174.83	0.2430	P	1.8
5	☐	1250.000	1278.131	1479644.47	0.4746	P	1.5
6	☐	2500.000	2559.747	3088902.48	0.9505	A	1.5
7	☐	5000.000	4959.122	6129597.66	1.8415	A	1.6
8	☐			11838.81	0.0038	P	1.8

$$y = 3.7134\text{E-}004 * x + 5.5878\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.04526$$

$$BEC = 0.01505$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			2.22		P	173.
3	☐			13.33		P	50.0
4	☐			15.55		P	24.8
5	☐			24.44		P	31.5
6	☐			60.00		P	29.4
7	☐			115.56		P	26.6
8	☐			22.22		P	17.3

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	☐			6.67		P	50.0
4	☐			1.11		P	173.
5	☐			5.56		P	34.7
6	☐			12.22		P	41.7
7	☐			17.78		P	39.0
8	☐			10.00		P	57.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			11.11		P	114.
3	☐			22.22		P	94.4
4	☐			16.67		P	50.0
5	☐			13.89		P	69.3
6	☐			44.45		P	10.8
7	☐			80.56		P	26.0
8	☐			158.34		P	18.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			4.44		P	114.
3	☐			12.22		P	87.7
4	☐			4.44		P	43.4
5	☐			11.11		P	34.6
6	☐			18.89		P	36.7
7	☐			30.00		P	29.4
8	☐			126.67		P	2.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐			33.33		P	43.3
3	☐			50.00		P	60.1
4	☐			16.67		P	50.0
5	☐			63.89		P	49.4
6	☐			88.89		P	32.9
7	☐			86.12		P	24.4
8	☐			213.90		P	34.0

160 Gd [He] No available calibration points

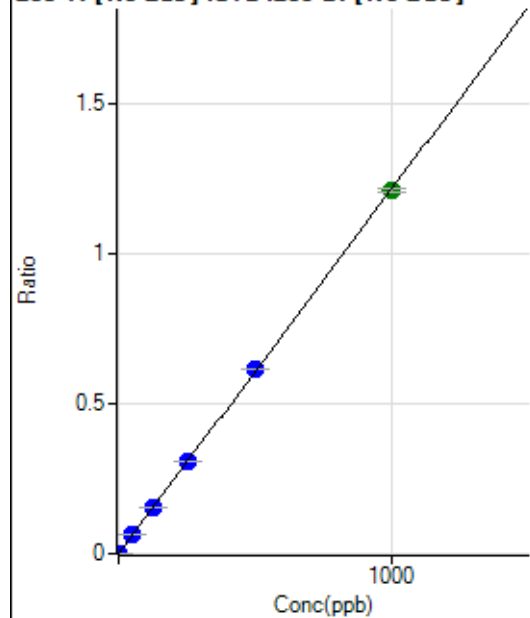
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	39.7
2	☐			12.22		P	31.5
3	☐			18.89		P	88.8
4	☐			12.22		P	41.7
5	☐			14.44		P	104.
6	☐			27.78		P	38.6
7	☐			30.00		P	22.2
8	☐			134.45		P	18.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			30.56		P	41.7
3	☐			27.78		P	62.5
4	☐			16.67		P	50.0
5	☐			16.66		P	86.6
6	☐			33.33		P	50.0
7	☐			11.11		P	43.3
8	☐			38.89		P	12.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			8.89		P	108.
3	☐			12.22		P	87.7
4	☐			13.33		P	50.0
5	☐			8.89		P	57.3
6	☐			8.89		P	21.6
7	☐			11.11		P	75.5
8	☐			22.22		P	45.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	40.6
2	☐	1.000	0.971	1791.84	0.0012	P	3.5
3	☐	50.000	50.293	95324.20	0.0611	P	0.5
4	☐	125.000	126.678	237929.14	0.1538	P	1.5
5	☐	250.000	253.784	476738.33	0.3081	P	0.7
6	☐	500.000	506.777	990311.39	0.6152	P	0.8
7	☐	1000.000	995.441	1995798.68	1.2084	A	1.2
8	☐			1150.09	0.0008	P	22.0

$$y = 0.0012 * x + 2.7974E-005$$

$$R = 1.0000$$

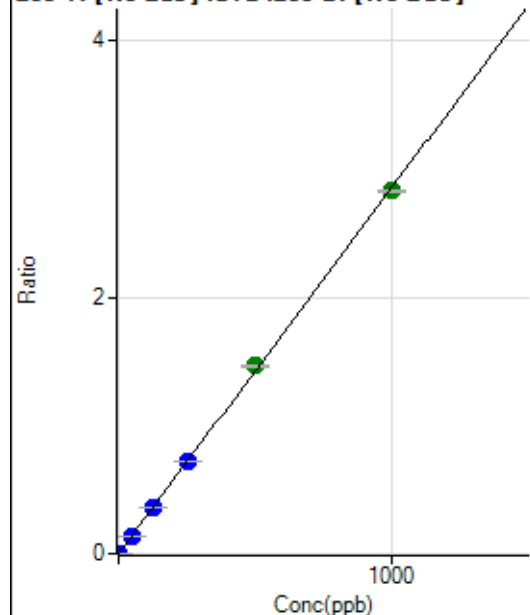
$$DL = 0.02805$$

$$BEC = 0.02304$$

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	41.67	0.0000	P	87.9
2	☐	1.000	1.004	4292.52	0.0029	P	8.8
3	☐	50.000	49.784	221516.54	0.1419	P	0.3
4	☐	125.000	126.201	556439.25	0.3598	P	0.5
5	☐	250.000	253.654	1118863.95	0.7231	P	0.7
6	☐	500.000	513.221	2354893.11	1.4630	A	0.3
7	☐	1000.000	992.337	4672093.29	2.8287	A	0.8
8	☐			2683.69	0.0018	P	15.9

$$y = 0.0029 * x + 2.8067E-005$$

$$R = 0.9999$$

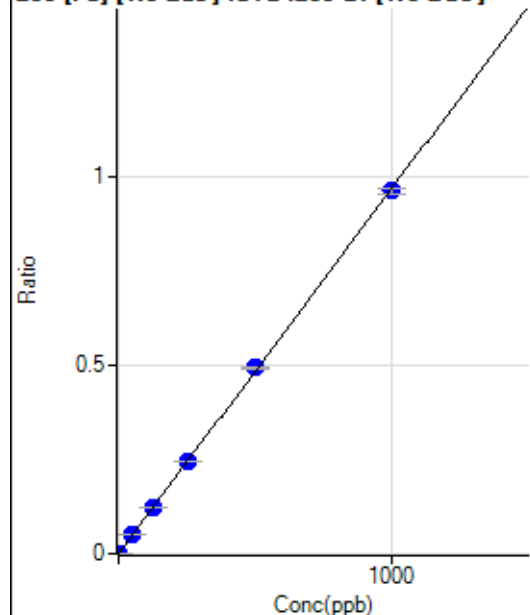
$$DL = 0.02596$$

$$BEC = 0.009846$$

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	79.63	0.0001	P	28.4
2	☐	1.000	1.045	1576.06	0.0011	P	6.1
3	☐	50.000	51.262	77348.05	0.0496	P	0.5
4	☐	125.000	126.623	189238.33	0.1223	P	0.8
5	☐	250.000	253.932	379557.83	0.2453	P	0.6
6	☐	500.000	508.659	790854.42	0.4913	P	0.1
7	☐	1000.000	994.421	1586235.89	0.9605	P	1.4
8	☐			6961.24	0.0047	P	6.3

$$y = 9.6579E-004 * x + 5.3333E-005$$

$$R = 0.9999$$

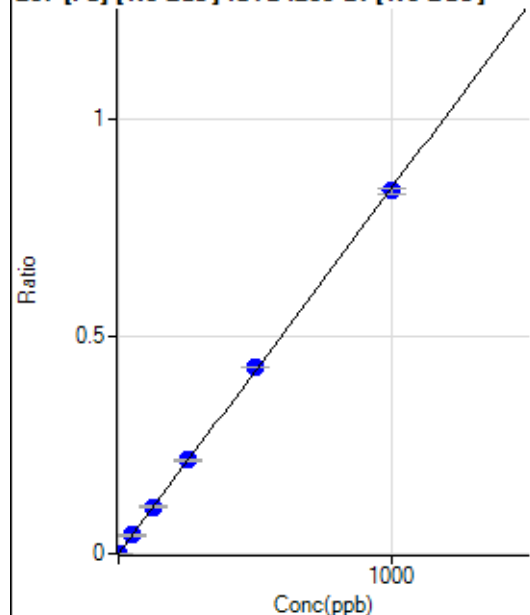
$$DL = 0.047$$

$$BEC = 0.05522$$

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	55.56	0.0000	P	20.8
2	☐	1.000	1.007	1313.05	0.0009	P	3.6
3	☐	50.000	49.958	65661.90	0.0421	P	1.3
4	☐	125.000	128.076	166740.47	0.1078	P	1.7
5	☐	250.000	255.551	332759.66	0.2151	P	1.1
6	☐	500.000	510.796	691876.91	0.4298	P	0.4
7	☐	1000.000	992.832	1379686.26	0.8354	P	1.5
8	☐			6166.39	0.0042	P	3.3

$$y = 8.4140\text{E-}004 * x + 3.7295\text{E-}005$$

$$R = 0.9999$$

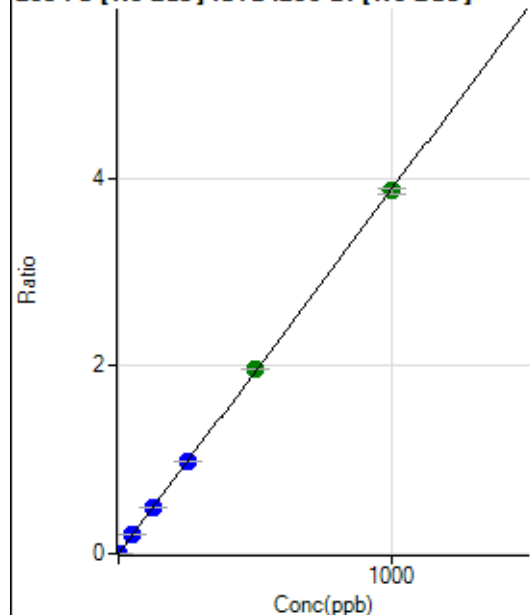
$$DL = 0.02768$$

$$BEC = 0.04432$$

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	285.20	0.0002	P	9.3
2	☐	1.000	1.004	6069.19	0.0041	P	2.9
3	☐	50.000	50.204	304598.17	0.1952	P	0.3
4	☐	125.000	125.328	753151.75	0.4869	P	0.6
5	☐	250.000	251.924	1514205.89	0.9786	P	0.7
6	☐	500.000	506.476	3166567.90	1.9672	A	0.5
7	☐	1000.000	996.230	6390269.58	3.8693	A	1.4
8	☐			27509.91	0.0187	P	2.4

$$y = 0.0039 * x + 1.9128\text{E-}004$$

$$R = 1.0000$$

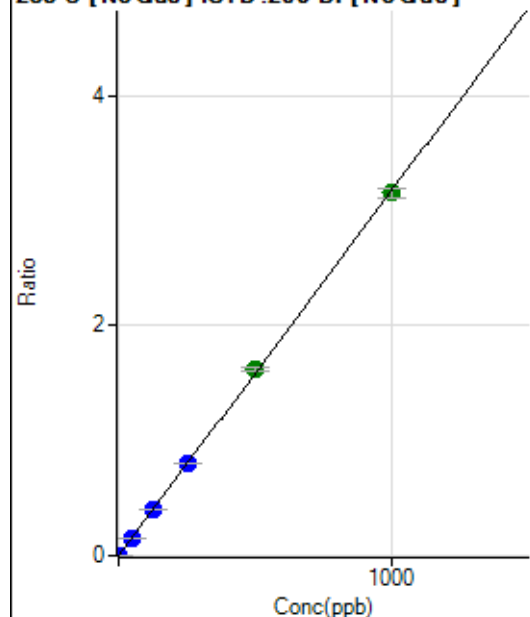
$$DL = 0.0138$$

$$BEC = 0.04925$$

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	16.67	0.0000	P	49.3
2	☐	1.000	0.914	4317.53	0.0029	P	4.5
3	☐	50.000	49.442	244644.10	0.1568	P	0.9
4	☐	125.000	125.029	613158.39	0.3964	P	0.8
5	☐	250.000	252.076	1236598.63	0.7992	P	0.6
6	☐	500.000	510.334	2604475.47	1.6180	A	1.6
7	☐	1000.000	994.339	5205922.08	3.1524	A	2.6
8	☐			972.29	0.0007	P	24.9

$$y = 0.0032 * x + 1.1144E-005$$

$$R = 0.9999$$

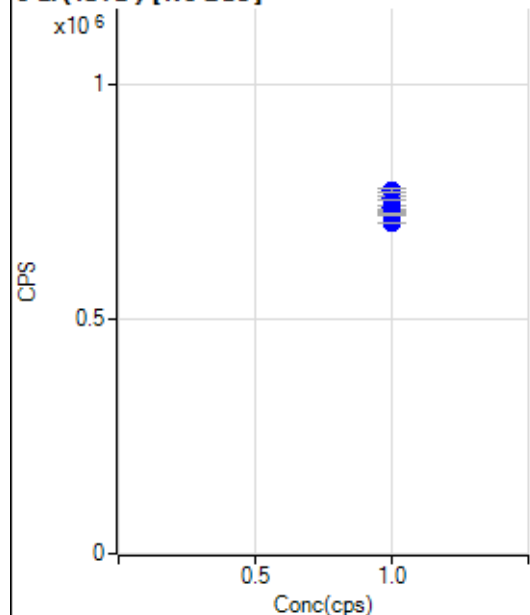
$$DL = 0.005201$$

$$BEC = 0.003515$$

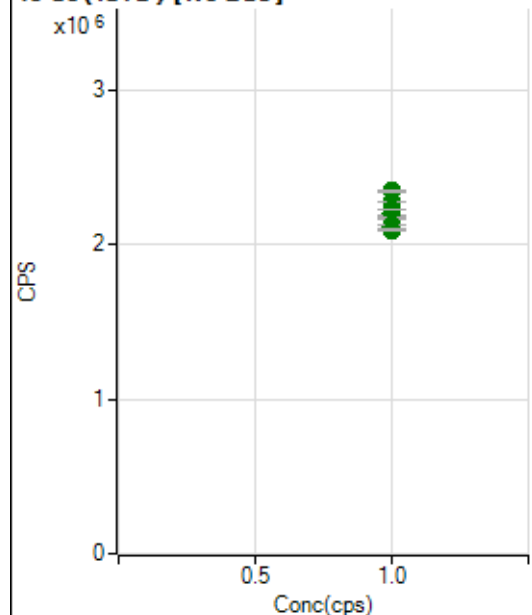
Weight: <None>

Min Conc: 0

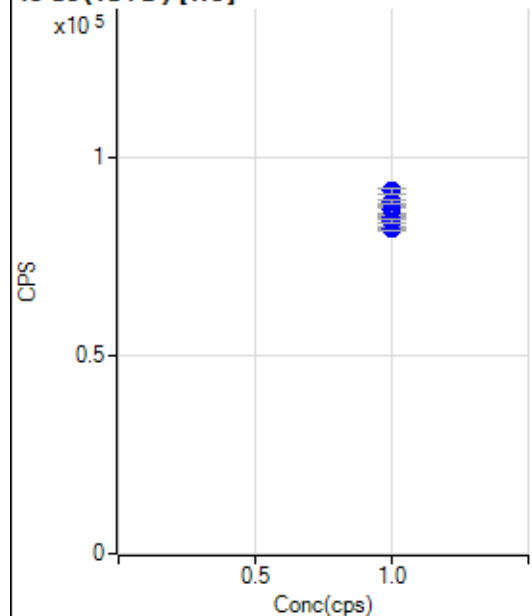
6 Li (ISTD) [No Gas]



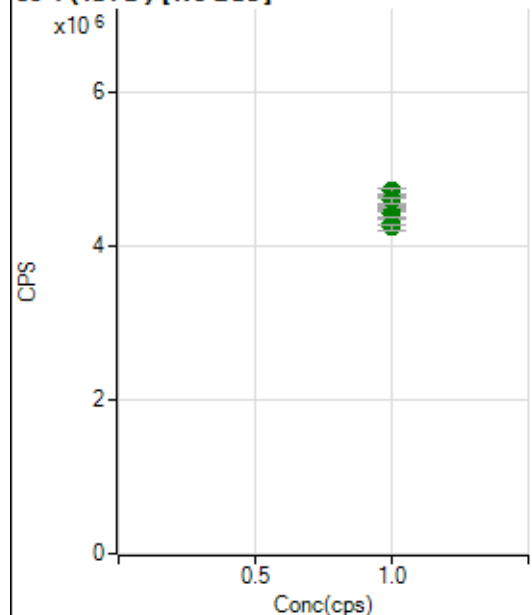
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		704811.26		P	0.3
2	☐	1.000		705982.05		P	0.1
3	☐	1.000		737109.57		P	1.3
4	☐	1.000		730546.16		P	0.7
5	☐	1.000		732899.41		P	0.6
6	☐	1.000		758217.09		P	0.7
7	☐	1.000		773209.91		P	1.0
8	☐	1.000		725056.50		P	0.5

45 Sc (ISTD) [No Gas]

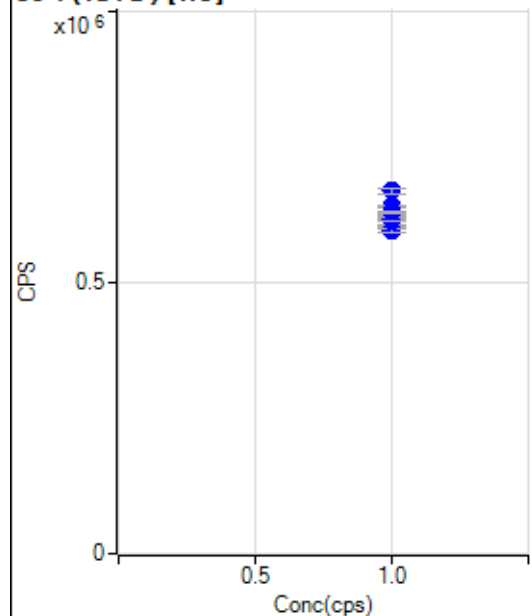
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2113345.73		A	1.1
2	☐	1.000		2094429.31		A	0.8
3	☐	1.000		2181635.32		A	1.2
4	☐	1.000		2171744.27		A	0.8
5	☐	1.000		2201403.68		A	1.8
6	☐	1.000		2274458.82		A	0.2
7	☐	1.000		2347058.37		A	0.6
8	☐	1.000		2226703.07		A	0.3

45 Sc (ISTD) [He]

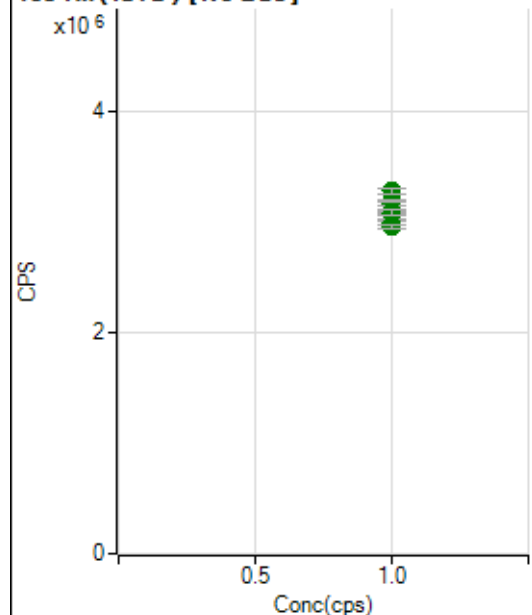
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		82256.05		P	0.9
2	☐	1.000		82145.42		P	0.8
3	☐	1.000		86136.55		P	2.6
4	☐	1.000		85167.37		P	1.7
5	☐	1.000		86836.09		P	2.5
6	☐	1.000		88834.49		P	0.9
7	☐	1.000		91670.26		P	1.6
8	☐	1.000		84216.08		P	1.4

89 Y (ISTD) [No Gas]

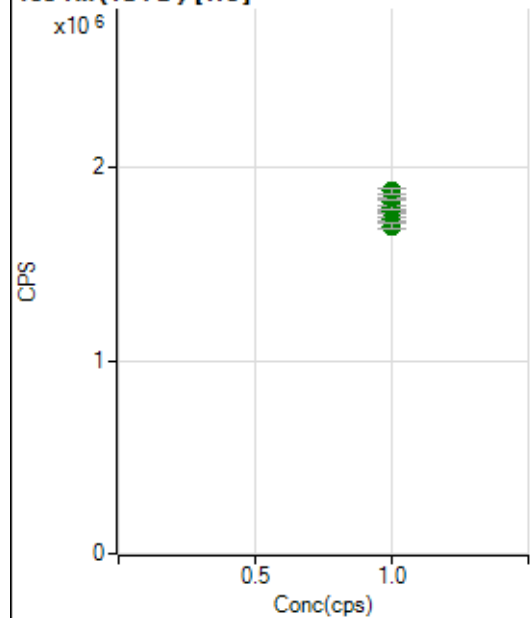
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4307665.91		A	1.8
2	☐	1.000		4246016.29		A	1.8
3	☐	1.000		4462250.35		A	0.4
4	☐	1.000		4427799.55		A	1.9
5	☐	1.000		4510321.91		A	0.4
6	☐	1.000		4597563.51		A	1.8
7	☐	1.000		4716079.72		A	1.6
8	☐	1.000		4591077.75		A	1.9

89 Y (ISTD) [He]

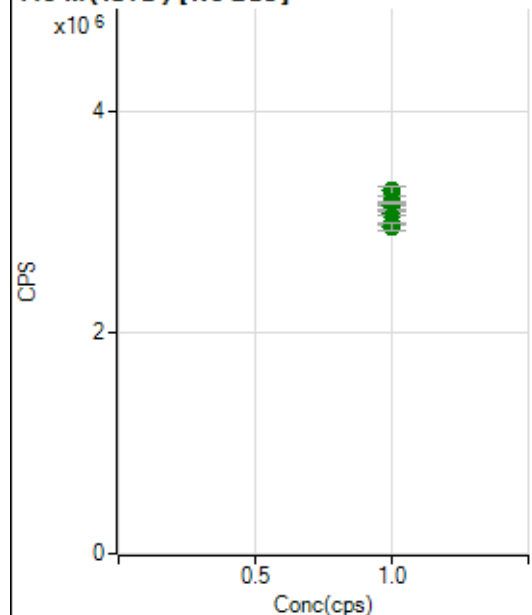
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		603194.36		P	0.5
2	☐	1.000		595433.64		P	0.9
3	☐	1.000		621443.36		P	0.6
4	☐	1.000		611685.46		P	1.5
5	☐	1.000		615632.65		P	0.9
6	☐	1.000		640042.43		P	0.6
7	☐	1.000		668413.40		P	1.4
8	☐	1.000		630022.77		P	0.6

103 Rh (ISTD) [No Gas]

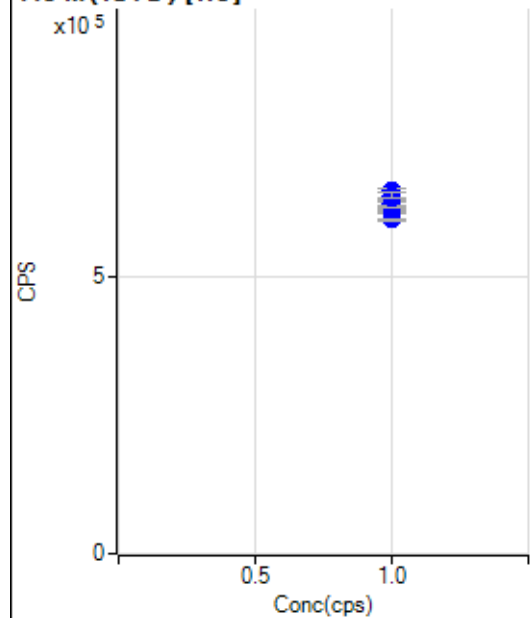
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3007755.49		A	0.5
2	☐	1.000		2991757.66		A	1.6
3	☐	1.000		3159145.84		A	1.0
4	☐	1.000		3086671.79		A	0.4
5	☐	1.000		3077226.87		A	1.8
6	☐	1.000		3189029.06		A	0.7
7	☐	1.000		3275410.64		A	1.8
8	☐	1.000		2951837.78		A	0.7

103 Rh (ISTD) [He]

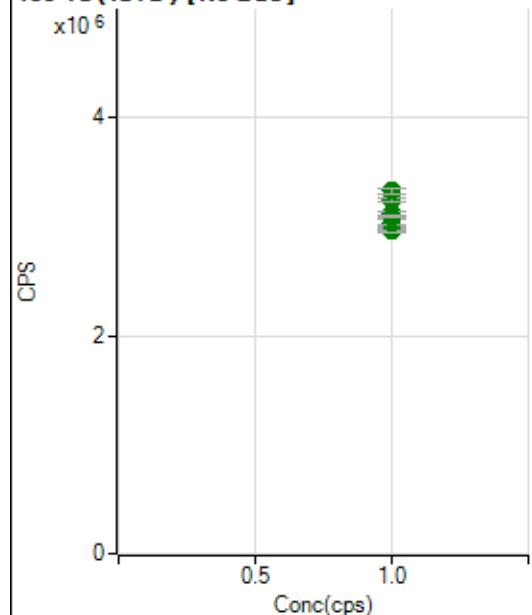
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1765592.02		A	0.7
2	☐	1.000		1734214.35		A	1.4
3	☐	1.000		1825222.96		A	2.1
4	☐	1.000		1773494.99		A	1.1
5	☐	1.000		1793625.22		A	0.7
6	☐	1.000		1839297.00		A	0.9
7	☐	1.000		1880431.24		A	1.4
8	☐	1.000		1695655.29		A	1.7

115 In (ISTD) [No Gas]

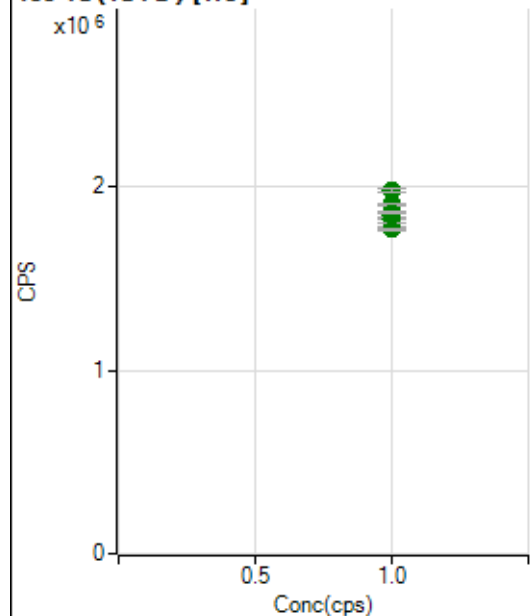
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2974257.54		A	0.4
2	☐	1.000		2962300.22		A	2.3
3	☐	1.000		3118395.53		A	1.5
4	☐	1.000		3081084.79		A	1.5
5	☐	1.000		3104542.22		A	1.0
6	☐	1.000		3148364.64		A	2.1
7	☐	1.000		3279793.01		A	3.0
8	☐	1.000		3176971.37		A	0.5

115 In (ISTD) [He]

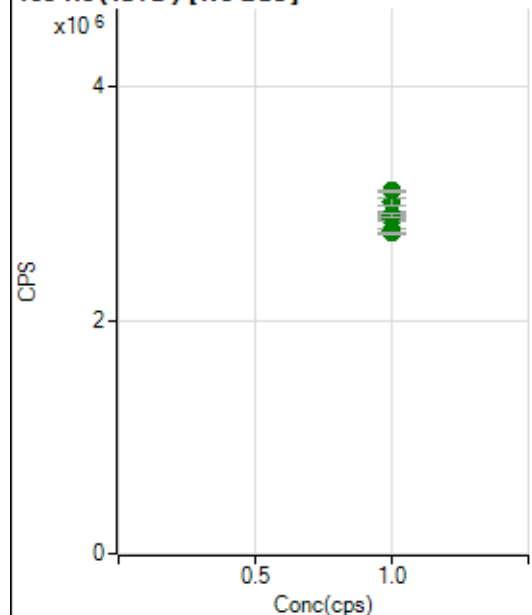
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		616482.18		P	0.8
2	☐	1.000		603704.21		P	0.3
3	☐	1.000		633311.87		P	0.8
4	☐	1.000		622093.83		P	0.7
5	☐	1.000		627555.94		P	0.6
6	☐	1.000		642623.34		P	0.6
7	☐	1.000		656258.52		P	1.0
8	☐	1.000		648615.91		P	1.8

159 Tb (ISTD) [No Gas]

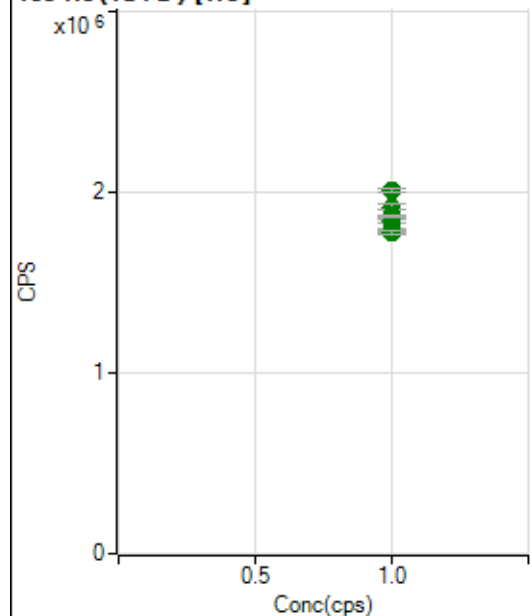
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2996383.98		A	0.7
2	☐	1.000		2960194.33		A	0.8
3	☐	1.000		3096028.25		A	0.5
4	☐	1.000		3042013.05		A	1.8
5	☐	1.000		3117807.18		A	1.1
6	☐	1.000		3249912.63		A	0.8
7	☐	1.000		3329009.05		A	1.4
8	☐	1.000		3096336.03		A	0.9

159 Tb (ISTD) [He]

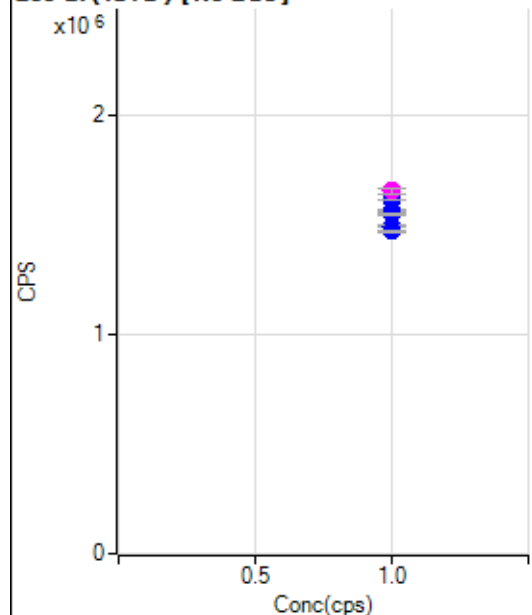
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1803428.79		A	1.9
2	☐	1.000		1770841.52		A	0.6
3	☐	1.000		1844155.55		A	1.7
4	☐	1.000		1821391.78		A	1.5
5	☐	1.000		1848786.76		A	1.0
6	☐	1.000		1905730.20		A	0.7
7	☐	1.000		1978719.61		A	1.2
8	☐	1.000		1861129.73		A	0.8

165 Ho (ISTD) [No Gas]

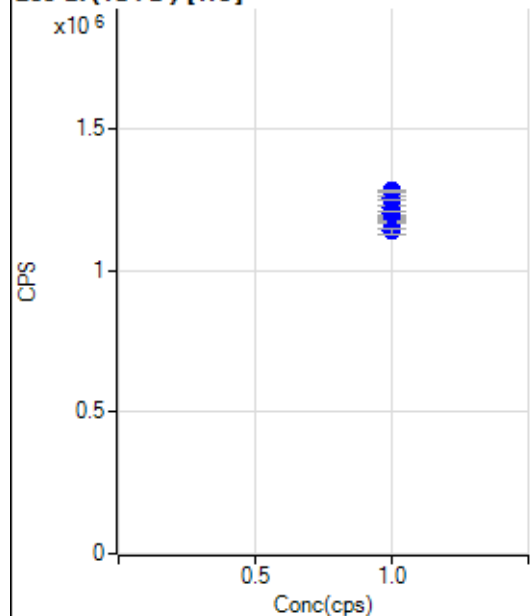
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2769741.86		A	1.2
2	☐	1.000		2743511.28		A	0.5
3	☐	1.000		2886585.03		A	1.8
4	☐	1.000		2902670.18		A	2.3
5	☐	1.000		2870800.67		A	2.1
6	☐	1.000		3012677.04		A	1.9
7	☐	1.000		3106404.04		A	0.4
8	☐	1.000		2900582.12		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1788617.05		A	1.1
2	☐	1.000		1781313.88		A	1.1
3	☐	1.000		1861729.38		A	0.9
4	☐	1.000		1842664.63		A	1.4
5	☐	1.000		1856019.62		A	0.9
6	☐	1.000		1919526.48		A	1.4
7	☐	1.000		2008703.79		A	1.0
8	☐	1.000		1868809.16		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1491480.85		P	0.8
2	☐	1.000		1484342.67		P	1.4
3	☐	1.000		1560663.68		P	0.7
4	☐	1.000		1546746.21		P	1.2
5	☐	1.000		1547348.69		P	0.5
6	☐	1.000		1609680.51		P	0.2
7	☐	1.000		1651745.20		M	1.5
8	☐	1.000		1467088.85		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1182888.12		P	0.8
2	☐	1.000		1169293.47		P	1.0
3	☐	1.000		1220218.11		P	1.7
4	☐	1.000		1198379.07		P	1.2
5	☐	1.000		1209067.09		P	0.2
6	☐	1.000		1254461.00		P	1.4
7	☐	1.000		1279411.11		P	0.9
8	☐	1.000		1138423.12		P	1.7