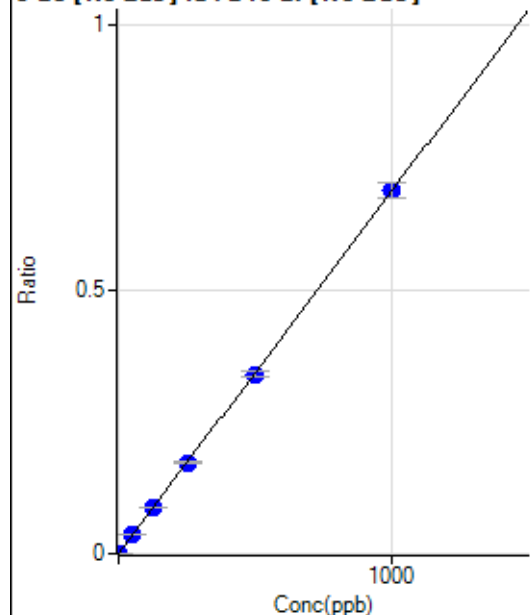


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110923-MS1.b\
Analysis File: P7110923-MS1.batch.bin
DA Date-Time: 2023-11-09 15:09:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-09 10:49:20
2	006CALS.d	S02	2023-11-09 10:55:55
3	007CALS.d	S03	2023-11-09 10:59:11
4	008CALS.d	S04	2023-11-09 11:02:23
5	009CALS.d	S05	2023-11-09 11:05:25
6	010CALS.d	S06	2023-11-09 11:08:23
7	011CALS.d	S07	2023-11-09 11:11:14
8	012CALS.d	S08	2023-11-09 11:14:02

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0000	P	33.6
2	☐	1.000	0.984	757.80	0.0007	P	8.7
3	☐	50.000	51.383	38156.71	0.0353	P	2.2
4	☐	125.000	127.574	93491.96	0.0876	P	2.8
5	☐	250.000	251.325	181297.72	0.1725	P	0.7
6	☐	500.000	495.383	349491.97	0.3400	P	2.7
7	☐	1000.000	1001.586	662873.48	0.6873	P	4.2
8	☐			453.34	0.0005	P	22.9

$$y = 6.8616E-004 * x + 4.0117E-005$$

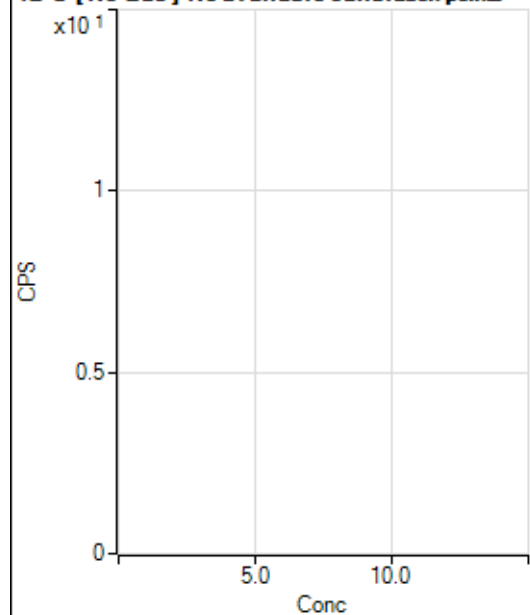
$$R = 1.0000$$

$$DL = 0.05896$$

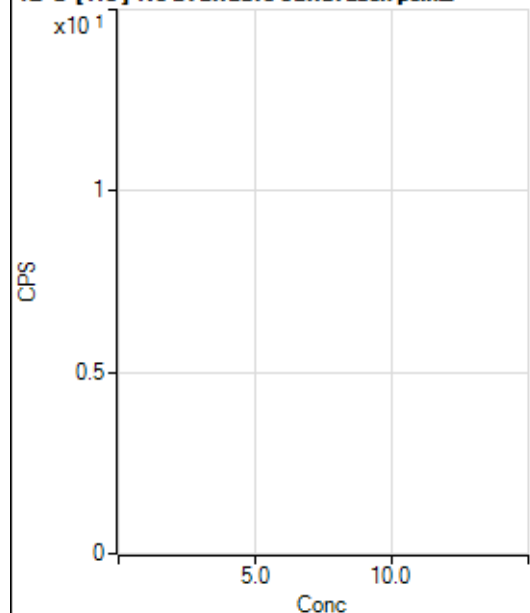
$$BEC = 0.05847$$

Weight: <None>

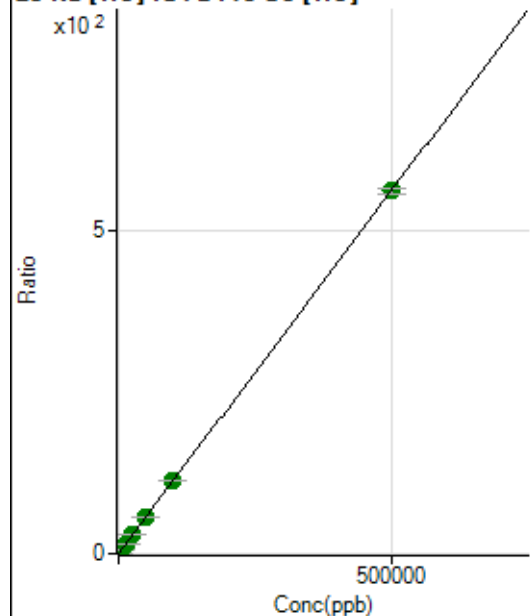
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6684.84	0.0326	P	1.8
2	☐	500.000	482.348	121575.01	0.5744	P	0.5
3	☐	5000.000	5083.368	1215990.42	5.7426	A	1.2
4	☐	12500.000	12796.629	2845813.15	14.4067	A	0.6
5	☐	25000.000	25899.319	4924329.54	29.1246	A	0.3
6	☐	50000.000	50872.423	10699822.13	57.1762	A	0.8
7	☐	100000.00	100653.70	20739852.05	113.0941	A	0.8
8	☐	500000.00	499728.81	102078136.2	561.3644	A	1.8

$$y = 0.0011 * x + 0.0326$$

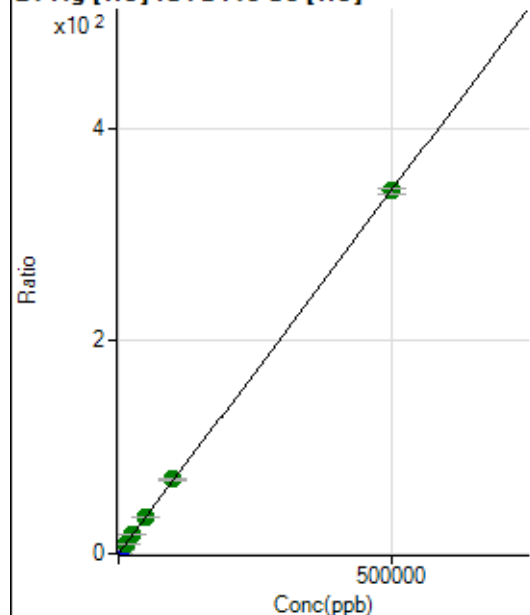
$$R = 1.0000$$

$$DL = 1.608$$

$$BEC = 28.99$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	565.57	0.0028	P	14.4
2	☐	500.000	493.296	71837.70	0.3394	P	0.4
3	☐	5000.000	5318.525	769135.30	3.6322	P	0.4
4	☐	12500.000	13105.262	1767182.72	8.9461	A	1.0
5	☐	25000.000	26178.728	3021089.40	17.8677	A	0.4
6	☐	50000.000	51258.743	6546553.86	34.9829	A	0.8
7	☐	100000.00	102074.15	12774731.75	69.6605	A	0.6
8	☐	500000.00	499382.04	61968777.96	340.7923	A	1.9

$$y = 6.8242\text{E-}004 * x + 0.0028$$

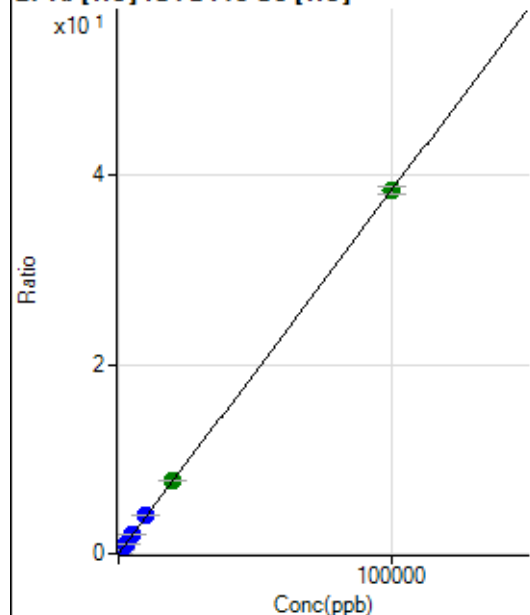
R = 1.0000

DL = 1.74

BEC = 4.038

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.22	0.0005	P	14.4
2	☐	20.000	19.748	1710.11	0.0081	P	3.2
3	☐	1000.000	1062.101	86448.09	0.4083	P	1.0
4	☐	2500.000	2663.273	202071.46	1.0230	P	0.6
5	☐	5000.000	5060.722	328576.92	1.9434	P	0.9
6	☐	10000.000	10406.481	747746.42	3.9957	P	0.7
7	☐	20000.000	20258.837	1426442.17	7.7782	A	0.1
8	☐	100000.00	99899.846	6973809.34	38.3535	A	2.2

$$y = 3.8391\text{E-}004 * x + 4.9771\text{E-}004$$

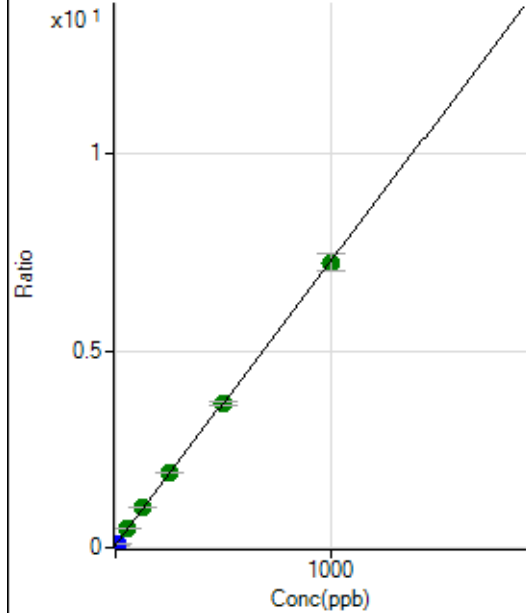
R = 1.0000

DL = 0.5598

BEC = 1.296

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190529.13	0.0705	P	2.4
2	☐	10.000	0.792	207113.44	0.0762	P	2.5
3	☐	50.000	55.780	1300527.17	0.4723	A	1.0
4	☐	125.000	131.042	2717119.34	1.0144	A	0.8
5	☐	250.000	254.987	4910820.00	1.9071	A	1.9
6	☐	500.000	499.581	9194644.66	3.6689	A	1.5
7	☐	1000.000	998.010	17181743.63	7.2589	A	5.6
8	☐			215255.71	0.0912	P	5.0

$$y = 0.0072 * x + 0.0705$$

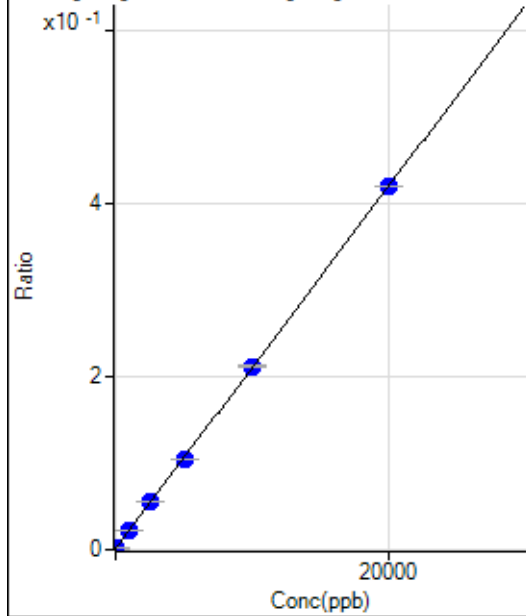
$$R = 0.9999$$

$$DL = 0.694$$

$$BEC = 9.792$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.213	157.78	0.0008	P	8.6
2	☐	0.000	14.213	288.89	0.0014	P	11.9
3	☐	1000.000	1027.771	4784.12	0.0226	P	3.3
4	☐	2500.000	2594.677	10947.35	0.0554	P	1.0
5	☐	5000.000	4935.147	17660.30	0.1044	P	1.3
6	☐	10000.000	10060.842	39638.97	0.2118	P	1.0
7	☐	20000.000	19972.569	76921.88	0.4194	P	0.2
8	☐			188.89	0.0010	P	17.2

$$y = 2.0948E-005 * x + 0.0011$$

$$R = 1.0000$$

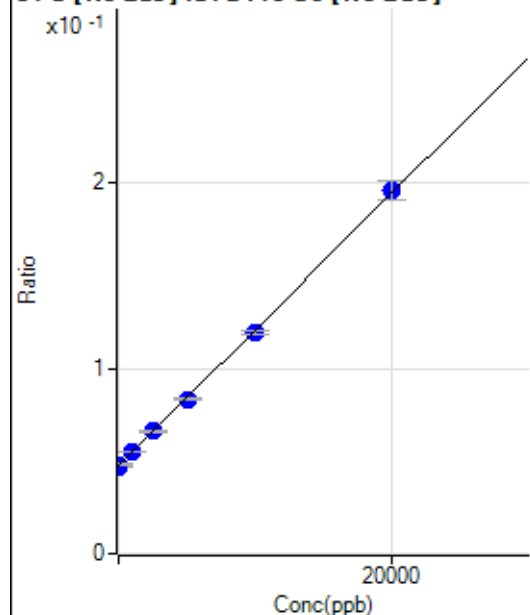
$$DL = 16.34$$

$$BEC = 50.92$$

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	-58.756	127304.63	0.0471	P	0.3
2	☐	0.000	58.756	130381.80	0.0480	P	1.2
3	☐	1000.000	995.525	151074.43	0.0549	P	0.4
4	☐	2500.000	2518.278	176874.87	0.0660	P	0.7
5	☐	5000.000	4867.667	214428.71	0.0833	P	1.9
6	☐	10000.000	9718.368	297870.47	0.1189	P	1.5
7	☐	20000.000	20171.838	462922.79	0.1955	P	5.1
8	☐			114887.49	0.0487	P	0.7

$$y = 7.3365E-006 * x + 0.0476$$

$$R = 0.9998$$

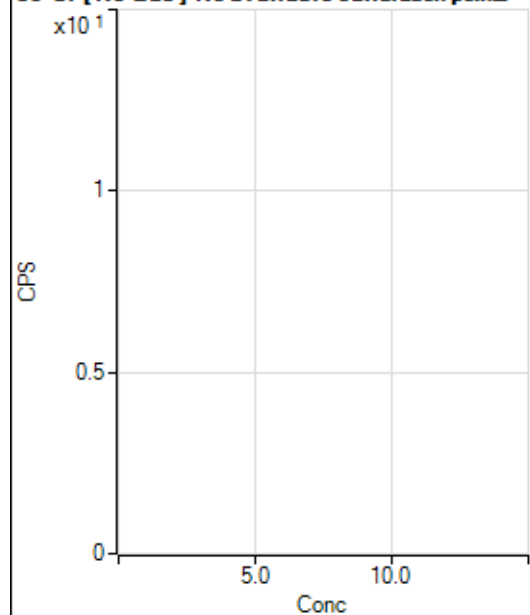
$$DL = 142.4$$

$$BEC = 6482$$

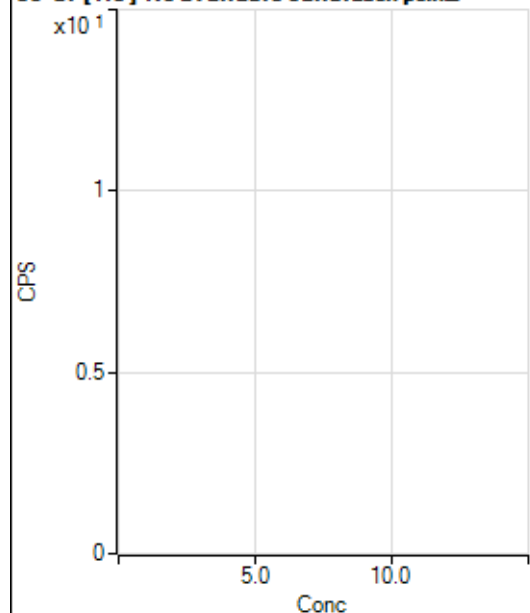
Weight: <None>

Min Conc: 0

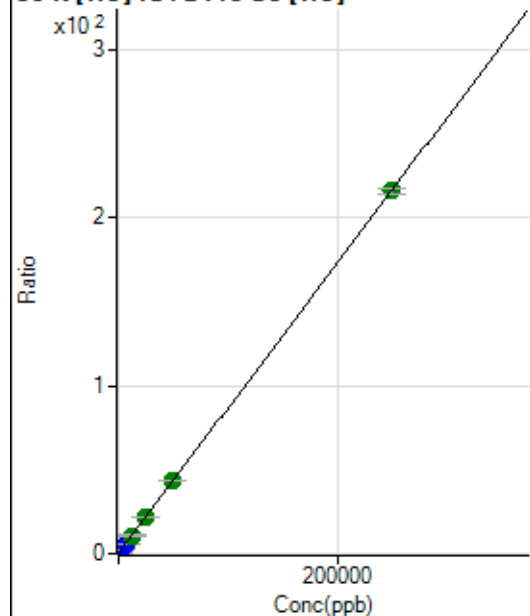
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36257.62	0.1766	P	0.5
2	☐	500.000	496.954	128253.83	0.6059	P	0.2
3	☐	2500.000	2701.541	531561.98	2.5103	P	0.3
4	☐	6250.000	6745.316	1185860.62	6.0033	P	0.4
5	☐	12500.000	12361.602	1835331.02	10.8548	A	1.1
6	☐	25000.000	25230.362	4111168.10	21.9710	A	2.4
7	☐	50000.000	49874.205	7933374.47	43.2587	A	0.6
8	☐	250000.00	249994.65	39299929.41	216.1256	A	1.8

$$y = 8.6381\text{E-}004 * x + 0.1766$$

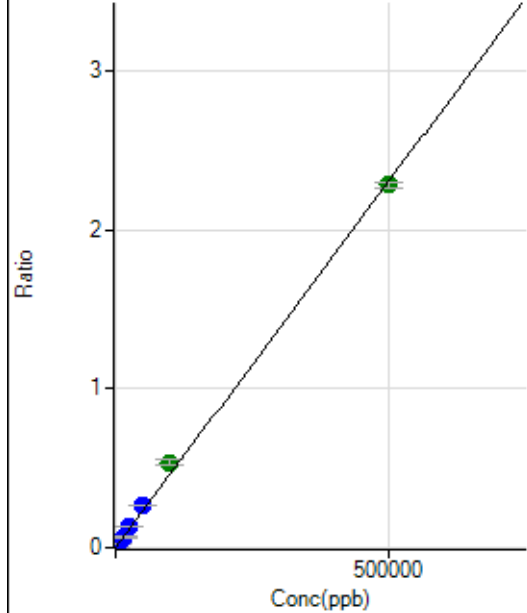
$$R = 1.0000$$

$$DL = 2.949$$

$$BEC = 204.5$$

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	406.68	0.0002	P	5.4
2	☐	500.000	498.634	6657.07	0.0025	P	2.2
3	☐	5000.000	5792.699	73983.41	0.0269	P	1.1
4	☐	12500.000	14358.631	177778.91	0.0664	P	0.8
5	☐	25000.000	28981.100	344518.41	0.1338	P	2.7
6	☐	50000.000	57370.663	663513.08	0.2648	P	1.3
7	☐	100000.00	116508.39	1272308.79	0.5375	A	5.6
8	☐	500000.00	495707.80	5398589.15	2.2865	A	1.4

$$y = 4.6122\text{E-}006 * x + 1.5055\text{E-}004$$

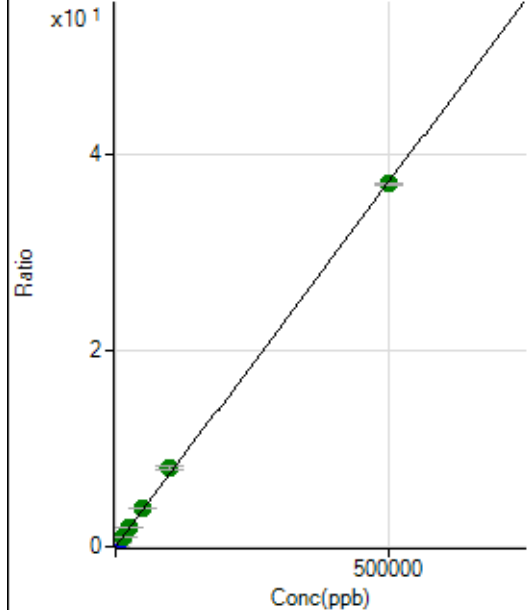
$$R = 0.9994$$

$$DL = 5.254$$

$$BEC = 32.64$$

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	8987.39	0.0033	P	3.1
2	☐	500.000	489.945	107702.00	0.0396	P	0.1
3	☐	5000.000	5521.467	1136055.71	0.4126	P	1.5
4	☐	12500.000	13129.882	2615495.44	0.9765	A	1.5
5	☐	25000.000	26414.377	5050587.08	1.9612	A	1.4
6	☐	50000.000	52430.565	9748196.73	3.8895	A	1.2
7	☐	100000.00	108698.03	19081774.44	8.0601	A	4.8
8	☐	500000.00	497925.66	87146817.59	36.9101	A	0.4

$$y = 7.4121\text{E-}005 * x + 0.0033$$

$$R = 0.9998$$

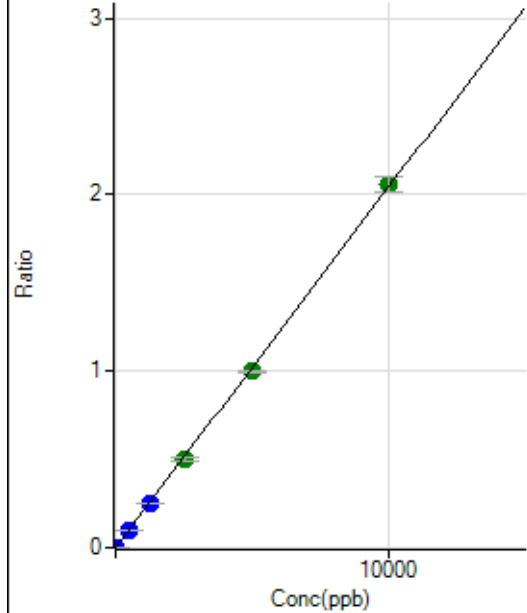
$$DL = 4.159$$

$$BEC = 44.88$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	21.2
2	☐	5.000	5.075	2894.75	0.0011	P	2.3
3	☐	500.000	495.108	278467.02	0.1011	P	0.8
4	☐	1250.000	1228.667	672071.00	0.2509	P	0.5
5	☐	2500.000	2449.044	1287511.55	0.5001	A	2.8
6	☐	5000.000	4896.085	2505724.11	0.9998	A	1.0
7	☐	10000.000	10067.608	4867704.40	2.0558	A	4.1
8	☐			1590.10	0.0007	P	13.6

$$y = 2.0419\text{E-}004 * x + 2.9224\text{E-}005$$

$$R = 0.9999$$

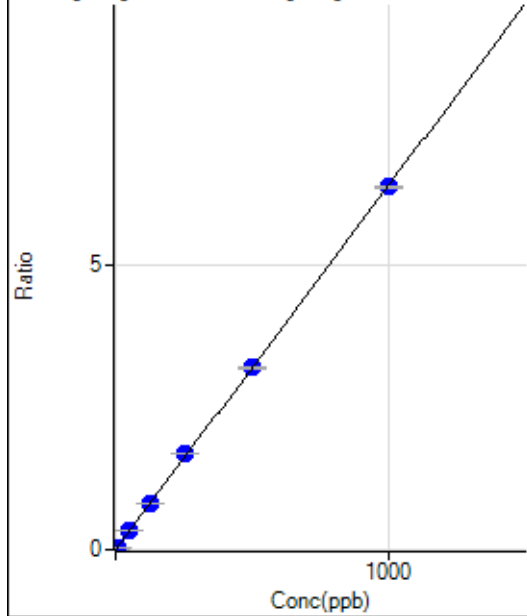
$$DL = 0.09121$$

$$BEC = 0.1431$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0001	P	33.5
2	☐	5.000	4.771	6470.34	0.0306	P	4.2
3	☐	50.000	51.184	69176.35	0.3267	P	0.6
4	☐	125.000	126.400	159318.73	0.8065	P	0.5
5	☐	250.000	262.821	283523.95	1.6769	P	0.3
6	☐	500.000	500.098	597084.49	3.1907	P	1.0
7	☐	1000.000	996.513	1165926.67	6.3577	P	0.5
8	☐			364.45	0.0020	P	8.5

$$y = 0.0064 * x + 1.3003\text{E-}004$$

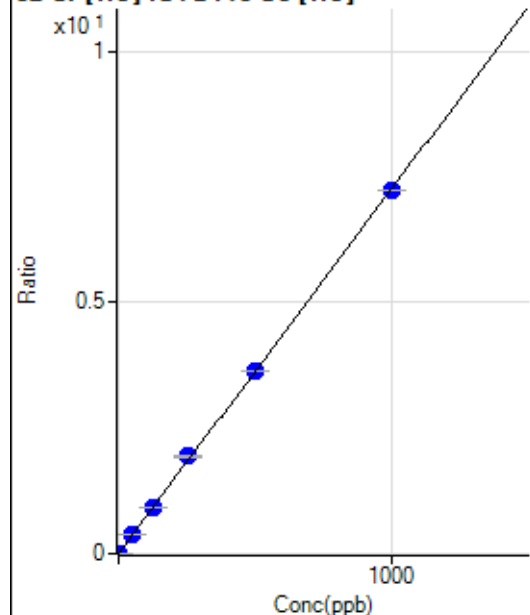
$$R = 0.9999$$

$$DL = 0.02051$$

$$BEC = 0.02038$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	718.91	0.0035	P	2.7
2	☐	2.000	1.987	3794.96	0.0179	P	5.6
3	☐	50.000	51.200	79438.71	0.3752	P	0.6
4	☐	125.000	127.658	183729.78	0.9301	P	0.3
5	☐	250.000	266.481	327642.61	1.9378	P	0.4
6	☐	500.000	500.687	680773.21	3.6379	P	1.0
7	☐	1000.000	995.144	1325365.34	7.2270	P	0.1
8	☐			3588.24	0.0197	P	1.9

$$y = 0.0073 * x + 0.0035$$

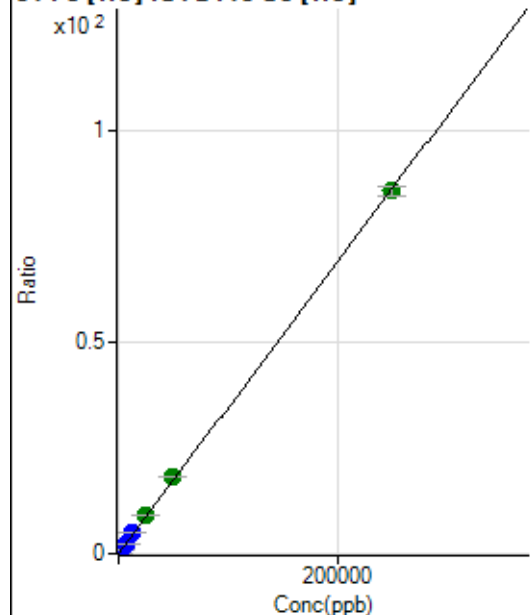
$$R = 0.9998$$

$$DL = 0.03962$$

$$BEC = 0.4825$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1107.83	0.0054	P	4.9
2	☐	50.000	53.293	5033.11	0.0238	P	1.2
3	☐	2500.000	2812.347	206531.60	0.9753	P	0.6
4	☐	6250.000	7035.416	480364.93	2.4318	P	0.6
5	☐	12500.000	14460.885	844169.27	4.9928	P	0.4
6	☐	25000.000	26658.698	1721594.94	9.1997	A	0.9
7	☐	50000.000	52992.944	3352595.26	18.2821	A	1.2
8	☐	250000.00	249114.73	15622630.19	85.9223	A	2.5

$$y = 3.4489E-004 * x + 0.0054$$

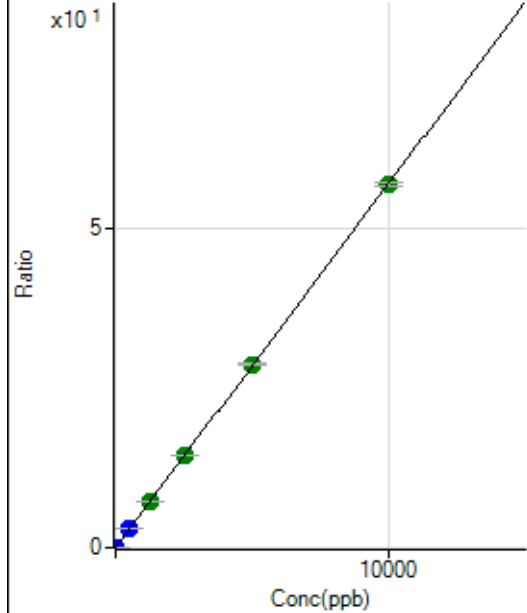
$$R = 0.9999$$

$$DL = 2.289$$

$$BEC = 15.65$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0007	P	11.9
2	☐	1.000	0.920	1260.06	0.0060	P	3.9
3	☐	500.000	509.128	614423.91	2.9017	P	0.7
4	☐	1250.000	1262.747	1421391.56	7.1957	A	0.5
5	☐	2500.000	2555.604	2462153.37	14.5622	A	0.4
6	☐	5000.000	5028.901	5362321.31	28.6548	A	0.9
7	☐	10000.000	9969.599	10417367.35	56.8063	A	1.1
8	☐			5389.90	0.0297	P	5.3

$$y = 0.0057 * x + 7.0952E-004$$

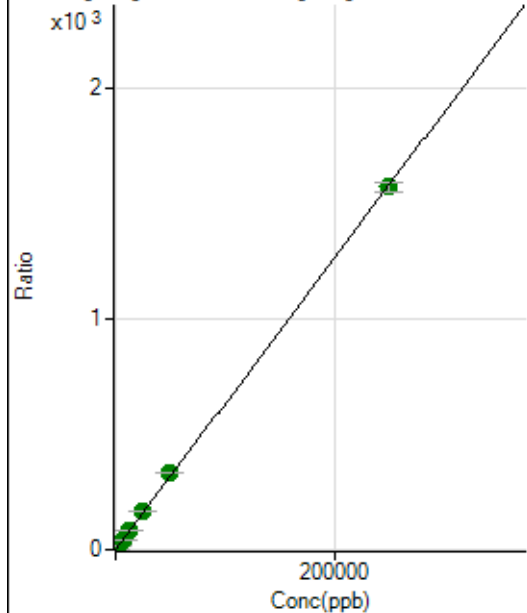
$$R = 1.0000$$

$$DL = 0.04444$$

$$BEC = 0.1245$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9885.56	0.0482	P	2.5
2	☐	50.000	52.030	79535.35	0.3758	P	0.2
3	☐	2500.000	2675.067	3576752.55	16.8909	A	0.3
4	☐	6250.000	6663.514	8296895.01	42.0029	A	0.9
5	☐	12500.000	13828.123	14728751.45	87.1127	A	0.5
6	☐	25000.000	26431.882	31152164.54	166.4684	A	0.8
7	☐	50000.000	52465.115	60587740.21	330.3787	A	0.5
8	☐	250000.00	249285.29	285400695.7	1,569.596	A	2.4

$$y = 0.0063 * x + 0.0482$$

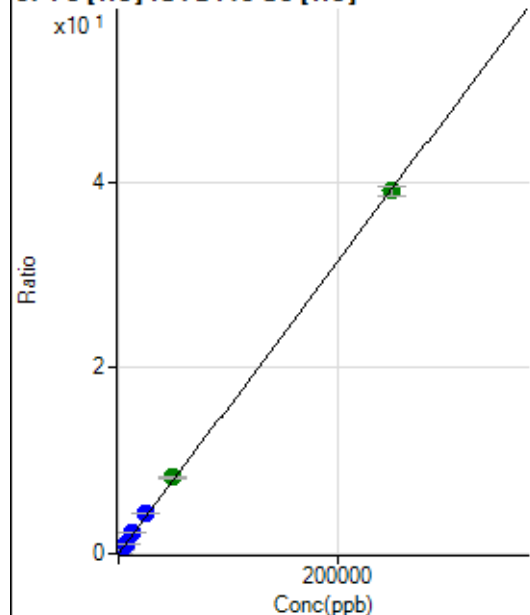
$$R = 0.9999$$

$$DL = 0.5692$$

$$BEC = 7.65$$

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	442.23	0.0022	P	4.8
2	☐	50.000	52.236	2186.85	0.0103	P	2.6
3	☐	2500.000	2789.496	92925.72	0.4388	P	0.3
4	☐	6250.000	7023.960	217626.04	1.1017	P	0.4
5	☐	12500.000	14477.438	383558.88	2.2685	P	0.2
6	☐	25000.000	27511.198	806350.46	4.3089	P	0.8
7	☐	50000.000	52295.074	1501760.50	8.1887	A	1.0
8	☐	250000.00	249168.74	7092434.76	39.0082	A	2.7

$$y = 1.5654\text{E-}004 * x + 0.0022$$

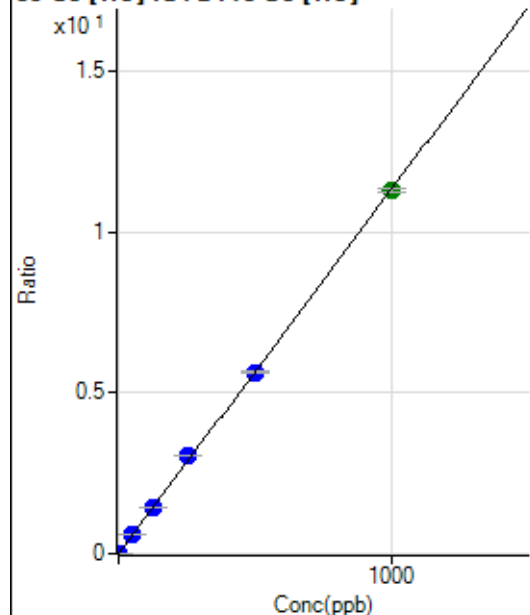
$$R = 0.9999$$

$$DL = 1.967$$

$$BEC = 13.76$$

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	31.11	0.0002	P	33.7
2	☐	1.000	0.986	2393.55	0.0113	P	4.2
3	☐	50.000	51.398	123238.50	0.5820	P	1.0
4	☐	125.000	127.851	285929.92	1.4475	P	0.8
5	☐	250.000	269.705	516256.68	3.0534	P	0.4
6	☐	500.000	498.091	1055200.09	5.6388	P	1.3
7	☐	1000.000	995.602	2066934.38	11.2710	A	1.0
8	☐			5633.32	0.0310	P	1.7

$$y = 0.0113 * x + 1.5135\text{E-}004$$

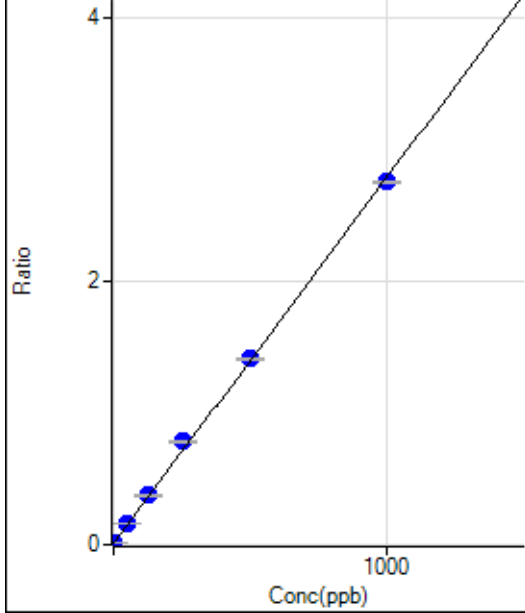
$$R = 0.9998$$

$$DL = 0.01353$$

$$BEC = 0.01337$$

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	1824.58	0.0089	P	4.2
2	☐	1.000	0.889	2403.55	0.0114	P	4.4
3	☐	50.000	53.430	33279.11	0.1571	P	1.4
4	☐	125.000	131.342	73746.63	0.3733	P	0.8
5	☐	250.000	279.484	132622.19	0.7844	P	1.0
6	☐	500.000	505.461	264129.03	1.4114	P	1.0
7	☐	1000.000	988.934	504855.86	2.7530	P	0.9
8	☐			2754.72	0.0151	P	4.2

$$y = 0.0028 * x + 0.0089$$

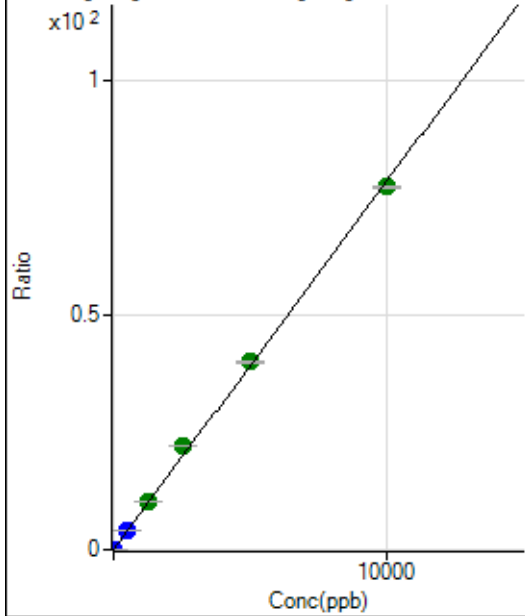
$$R = 0.9995$$

$$DL = 0.401$$

$$BEC = 3.204$$

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	2021.27	0.0098	P	2.1
2	☐	2.000	1.850	5149.82	0.0243	P	2.6
3	☐	500.000	520.871	865563.15	4.0877	P	0.7
4	☐	1250.000	1310.048	2027839.76	10.2660	A	0.5
5	☐	2500.000	2816.213	3729363.24	22.0576	A	1.0
6	☐	5000.000	5110.141	7488428.57	40.0164	A	1.0
7	☐	10000.000	9857.327	14154264.23	77.1814	A	0.4
8	☐			5364.35	0.0295	P	9.3

$$y = 0.0078 * x + 0.0098$$

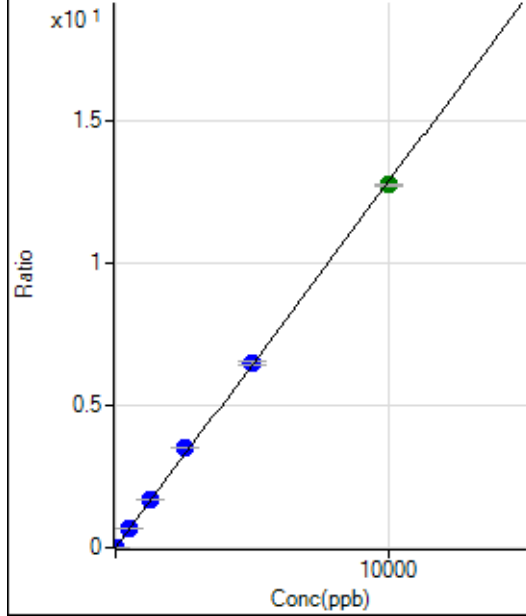
$$R = 0.9993$$

$$DL = 0.07853$$

$$BEC = 1.258$$

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	193.34	0.0009	P	5.1
2	☐	2.000	2.238	808.92	0.0038	P	4.2
3	☐	500.000	524.094	143016.79	0.6754	P	0.9
4	☐	1250.000	1303.144	331460.48	1.6780	P	0.6
5	☐	2500.000	2715.257	590975.35	3.4953	P	0.3
6	☐	5000.000	5050.677	1216471.43	6.5008	P	1.6
7	☐	10000.000	9913.000	2339686.62	12.7582	A	0.8
8	☐			1949.04	0.0107	P	1.9

$$y = 0.0013 * x + 9.4212E-004$$

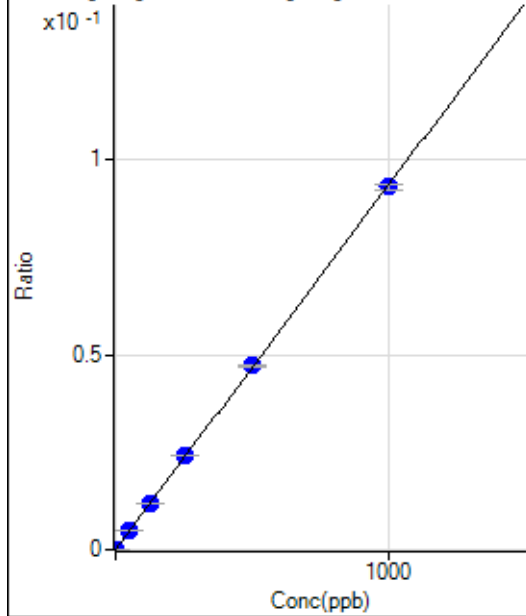
$$R = 0.9997$$

$$DL = 0.1127$$

$$BEC = 0.7321$$

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	0.00	0.0000	P	
2	☐	1.000	1.049	195.56	0.0001	P	14.2
3	☐	50.000	52.281	9824.44	0.0049	P	0.9
4	☐	125.000	127.749	22710.76	0.0119	P	1.2
5	☐	250.000	258.177	40084.04	0.0241	P	1.4
6	☐	500.000	504.537	84801.48	0.0472	P	0.9
7	☐	1000.000	995.230	165796.34	0.0931	P	1.3
8	☐			68.89	0.0000	P	28.6

$$y = 9.3499E-005 * x + 0.0000E+000$$

$$R = 0.9999$$

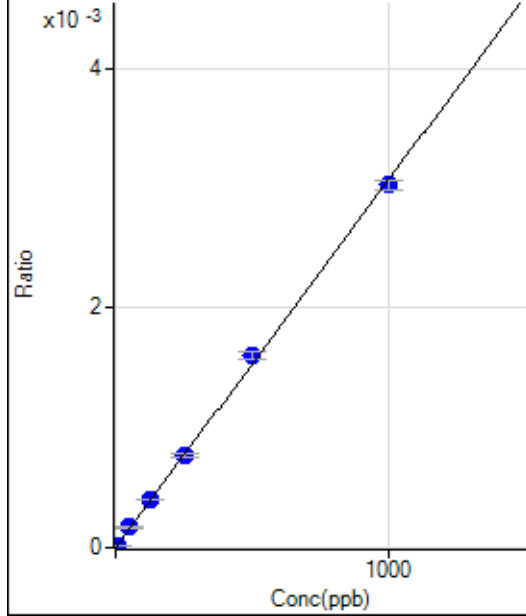
$$DL = 0$$

$$BEC = 0$$

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	6.174	37.78	0.0000	P	13.5
3	☐	50.000	54.964	338.90	0.0002	P	15.1
4	☐	125.000	131.625	767.81	0.0004	P	2.0
5	☐	250.000	252.002	1284.51	0.0008	P	5.2
6	☐	500.000	523.532	2888.09	0.0016	P	4.7
7	☐	1000.000	986.651	5394.37	0.0030	P	2.4
8	☐			30.00	0.0000	P	46.0

$$y = 3.0686\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

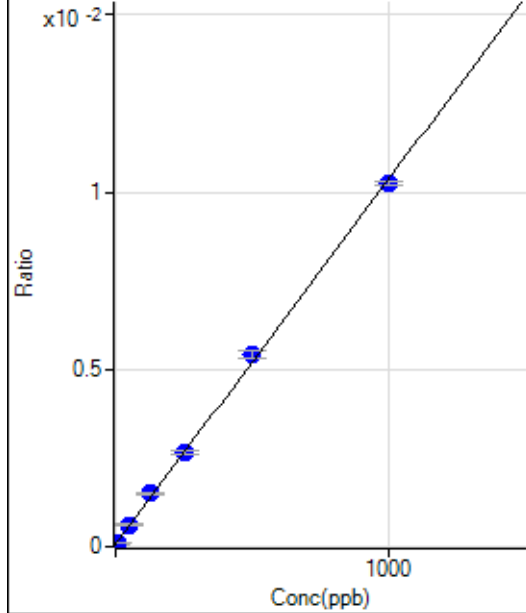
$$DL = 0$$

$$BEC = 0$$

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	124.45	0.0001	P	16.3
2	☐	5.000	5.361	237.78	0.0001	P	15.2
3	☐	50.000	54.302	1252.29	0.0006	P	1.9
4	☐	125.000	139.246	2846.97	0.0015	P	1.4
5	☐	250.000	251.889	4412.92	0.0027	P	2.9
6	☐	500.000	519.407	9724.39	0.0054	P	4.3
7	☐	1000.000	987.826	18231.28	0.0102	P	1.1
8	☐			188.89	0.0001	P	11.4

$$y = 1.0293\text{E-}005 * x + 6.4096\text{E-}005$$

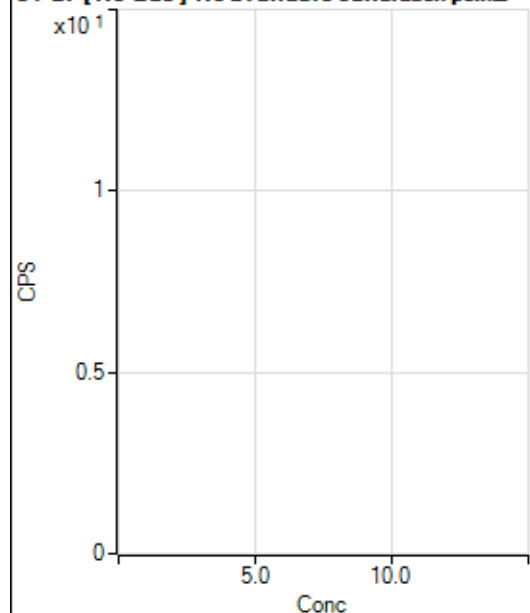
$$R = 0.9996$$

$$DL = 3.045$$

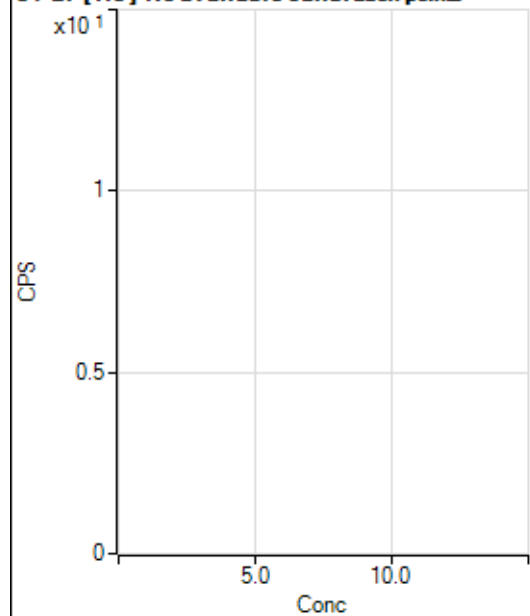
$$BEC = 6.227$$

Weight: <None>

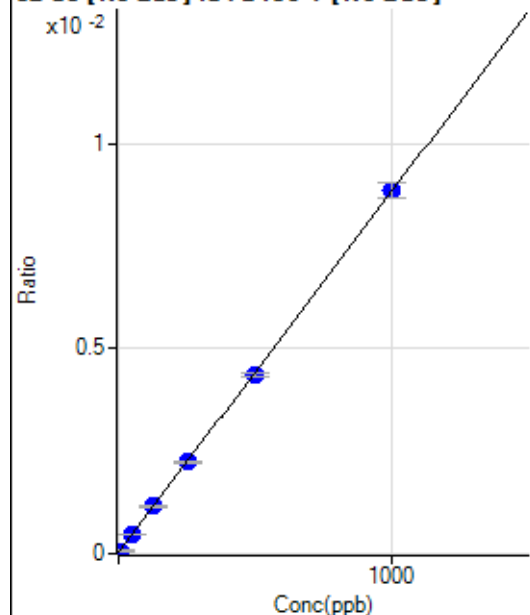
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22353.69		P	4.1
2	☐			22674.25		P	1.6
3	☐			22957.96		P	0.3
4	☐			22152.27		P	1.4
5	☐			21045.11		P	2.1
6	☐			20547.72		P	1.5
7	☐			20035.92		P	2.0
8	☐			20585.63		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	5.5
2	☐			56.67		P	35.8
3	☐			58.89		P	27.9
4	☐			44.44		P	33.8
5	☐			38.89		P	19.8
6	☐			62.22		P	8.2
7	☐			82.22		P	10.2
8	☐			158.89		P	6.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	246.26	0.0000	P	6.0
2	☐	5.000	4.434	581.01	0.0001	P	8.5
3	☐	50.000	50.490	4092.78	0.0005	P	1.2
4	☐	125.000	128.150	9706.22	0.0012	P	2.1
5	☐	250.000	250.608	18291.62	0.0022	P	1.2
6	☐	500.000	493.435	35034.61	0.0044	P	1.5
7	☐	1000.000	1002.715	66682.73	0.0088	P	4.1
8	☐			508.95	0.0001	P	11.2

$$y = 8.7883E-006 * x + 2.9353E-005$$

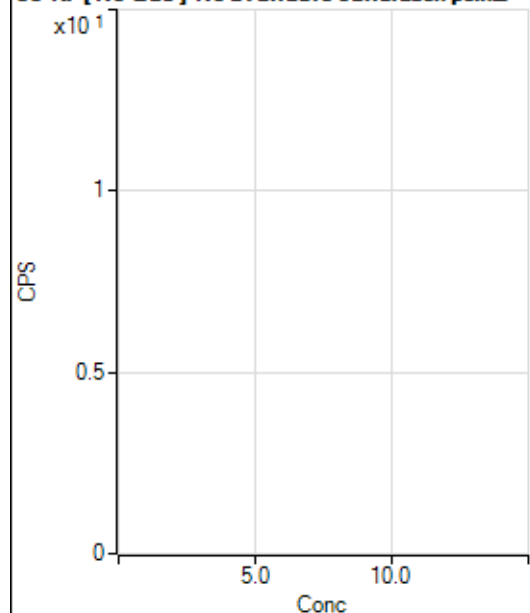
$$R = 1.0000$$

$$DL = 0.6008$$

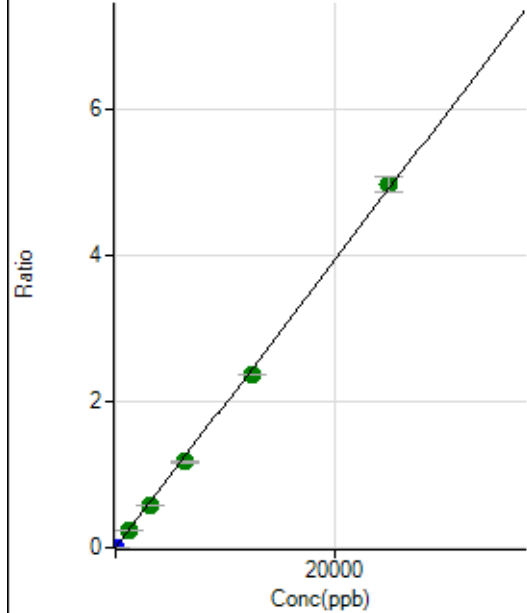
$$BEC = 3.34$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			97.78		P	14.2
2	☐			95.56		P	19.2
3	☐			88.89		P	4.3
4	☐			93.33		P	9.5
5	☐			103.34		P	6.4
6	☐			97.78		P	30.9
7	☐			121.11		P	10.4
8	☐			187.78		P	14.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	170.00	0.0000	P	26.3
2	☐	1.000	0.900	1675.67	0.0002	P	3.2
3	☐	1250.000	1206.169	2051285.77	0.2371	A	1.2
4	☐	3125.000	2992.148	4941428.50	0.5882	A	0.3
5	☐	6250.000	5981.707	9637215.06	1.1759	A	1.4
6	☐	12500.000	12055.279	19019489.16	2.3698	A	0.5
7	☐	25000.000	25308.232	37521515.00	4.9750	A	4.1
8	☐			10211.47	0.0014	P	16.0

$$y = 1.9658E-004 * x + 2.0215E-005$$

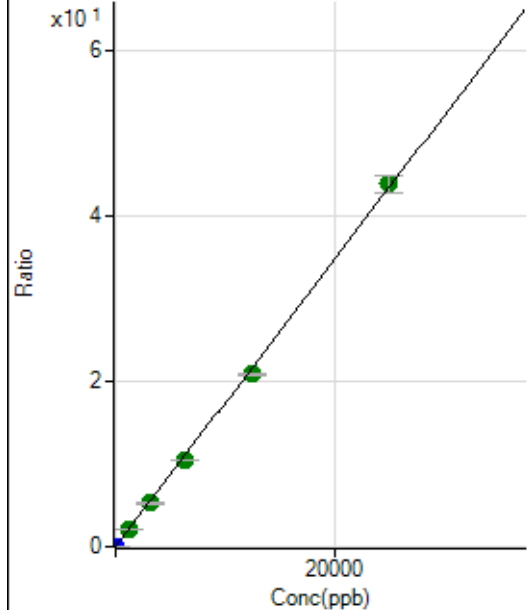
$$R = 0.9997$$

$$DL = 0.08122$$

$$BEC = 0.1028$$

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	521.13	0.0001	P	1.3
2	☐	1.000	0.868	13302.79	0.0016	P	2.0
3	☐	1250.000	1204.006	18043620.43	2.0859	A	1.5
4	☐	3125.000	3024.149	44008688.23	5.2390	A	1.9
5	☐	6250.000	6022.764	85513287.61	10.4338	A	1.2
6	☐	12500.000	12025.687	167191338.6	20.8331	A	1.0
7	☐	25000.000	25308.872	330616383.9	43.8445	A	4.9
8	☐			87699.19	0.0119	P	13.4

$$y = 0.0017 * x + 6.2082E-005$$

$$R = 0.9997$$

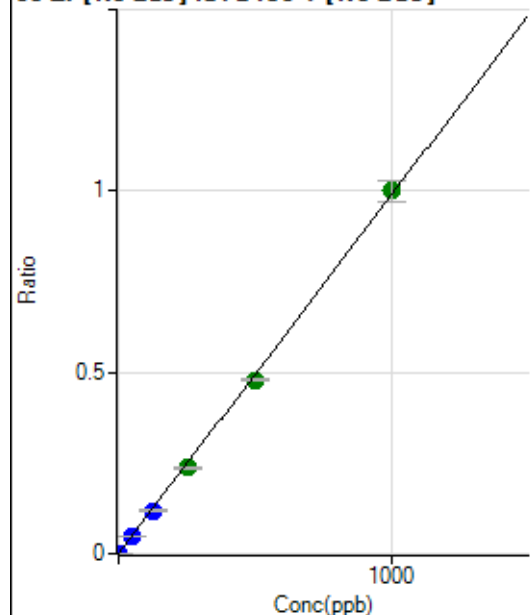
$$DL = 0.001401$$

$$BEC = 0.03584$$

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	296.67	0.0000	P	10.8
2	☐	1.000	0.887	7764.34	0.0009	P	0.9
3	☐	50.000	48.095	412157.64	0.0476	P	1.2
4	☐	125.000	120.240	1000078.85	0.1191	P	1.2
5	☐	250.000	241.030	1955521.53	0.2386	A	2.3
6	☐	500.000	484.006	3845479.56	0.4791	A	0.7
7	☐	1000.000	1010.930	7545205.79	1.0007	A	5.6
8	☐			4491.84	0.0006	P	8.7

$$y = 9.8989\text{E-}004 * x + 3.5332\text{E-}005$$

$$R = 0.9998$$

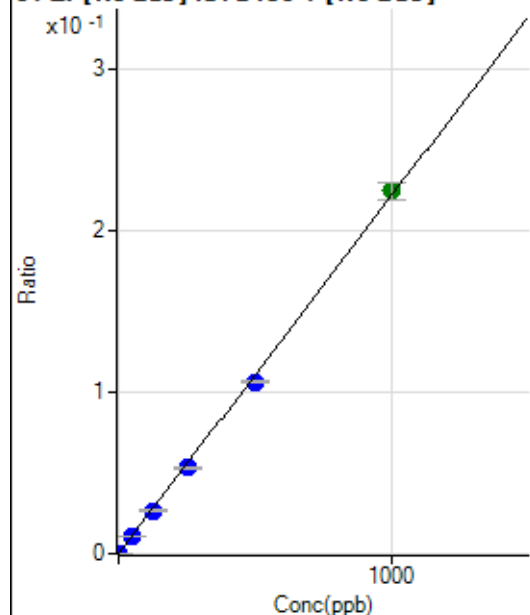
$$DL = 0.01161$$

$$BEC = 0.03569$$

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	62.22	0.0000	P	40.2
2	☐	1.000	0.853	1667.89	0.0002	P	2.2
3	☐	50.000	47.773	91553.07	0.0106	P	1.6
4	☐	125.000	120.800	224697.37	0.0268	P	1.4
5	☐	250.000	239.346	434363.83	0.0530	P	0.8
6	☐	500.000	479.497	851989.59	0.1062	P	0.9
7	☐	1000.000	1013.551	1692046.92	0.2244	A	5.0
8	☐			1055.60	0.0001	P	13.3

$$y = 2.2139\text{E-}004 * x + 7.4031\text{E-}006$$

$$R = 0.9996$$

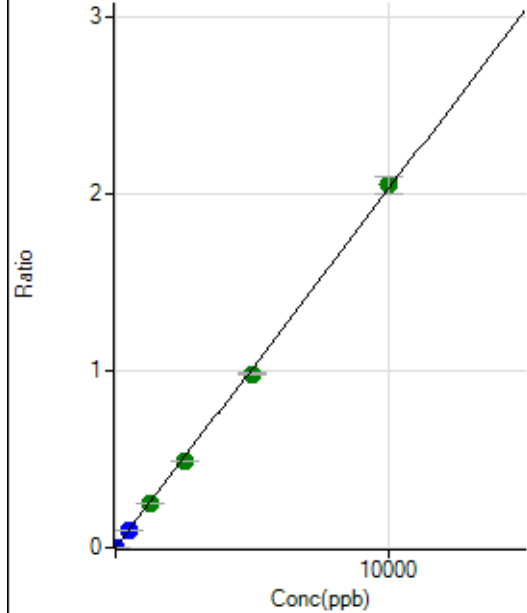
$$DL = 0.0403$$

$$BEC = 0.03344$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	176.67	0.0000	P	7.8
2	☐	5.000	5.167	9063.99	0.0011	P	3.1
3	☐	500.000	480.589	841422.06	0.0973	P	1.4
4	☐	1250.000	1217.794	2070105.59	0.2464	A	1.5
5	☐	2500.000	2396.057	3974213.76	0.4849	A	0.5
6	☐	5000.000	4829.759	7843067.04	0.9773	A	1.2
7	☐	10000.000	10116.102	15435593.24	2.0470	A	5.0
8	☐			6114.67	0.0008	P	7.3

$$y = 2.0235E-004 * x + 2.1060E-005$$

$$R = 0.9997$$

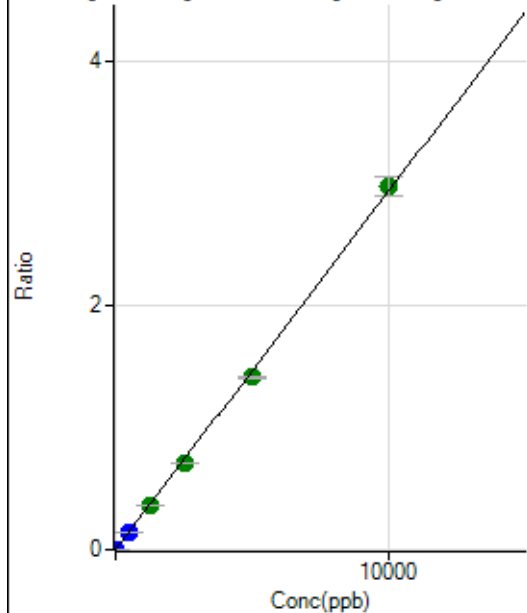
$$DL = 0.02449$$

$$BEC = 0.1041$$

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	203.34	0.0000	P	10.2
2	☐	5.000	4.312	10957.53	0.0013	P	1.8
3	☐	500.000	482.076	1223557.50	0.1414	P	1.0
4	☐	1250.000	1214.906	2994343.70	0.3564	A	0.5
5	☐	2500.000	2410.143	5794372.90	0.7070	A	1.4
6	☐	5000.000	4806.212	11314361.08	1.4099	A	1.4
7	☐	10000.000	10124.642	22394989.67	2.9700	A	5.1
8	☐			7197.40	0.0010	P	11.7

$$y = 2.9334E-004 * x + 2.4216E-005$$

$$R = 0.9997$$

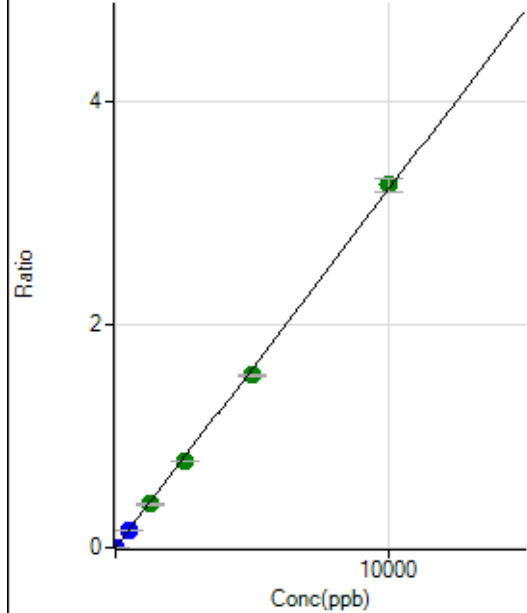
$$DL = 0.02515$$

$$BEC = 0.08255$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	15.4
2	☐	5.000	4.386	12072.85	0.0014	P	1.7
3	☐	500.000	479.631	1331694.88	0.1539	P	1.2
4	☐	1250.000	1214.585	3274314.26	0.3898	A	1.3
5	☐	2500.000	2406.637	6330617.13	0.7724	A	0.7
6	☐	5000.000	4806.484	12379959.68	1.5426	A	0.7
7	☐	10000.000	10125.544	24509418.25	3.2496	A	4.0
8	☐			15164.63	0.0021	P	6.0

$$y = 3.2093\text{E-}004 * x + 1.2722\text{E-}005$$

$$R = 0.9997$$

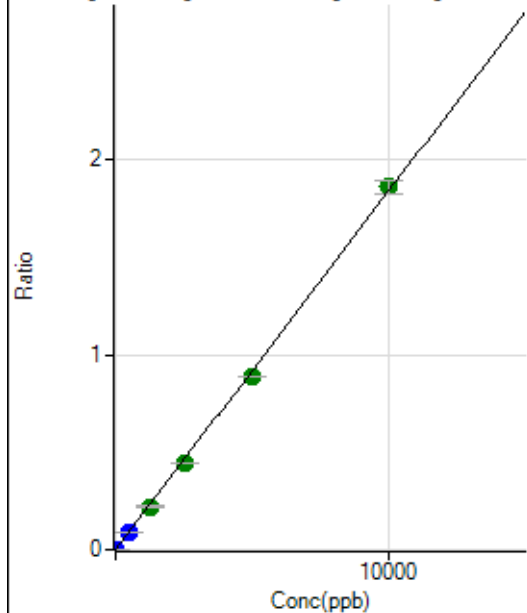
$$DL = 0.01827$$

$$BEC = 0.03964$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.55	0.0000	P	25.0
2	☐	5.000	4.270	6742.72	0.0008	P	2.6
3	☐	500.000	479.601	763233.34	0.0882	P	1.3
4	☐	1250.000	1200.095	1854272.35	0.2208	A	1.6
5	☐	2500.000	2407.512	3629984.22	0.4429	A	0.5
6	☐	5000.000	4820.432	7116500.24	0.8867	A	0.8
7	☐	10000.000	10120.164	14041658.26	1.8616	A	3.6
8	☐			4597.43	0.0006	P	11.1

$$y = 1.8395\text{E-}004 * x + 7.8016\text{E-}006$$

$$R = 0.9997$$

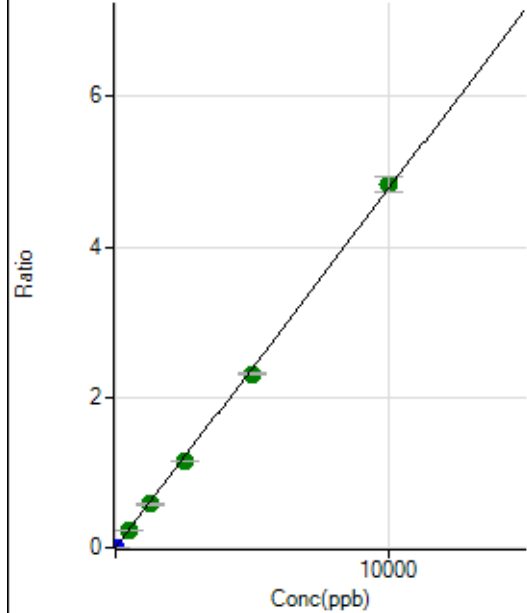
$$DL = 0.03185$$

$$BEC = 0.04241$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0000	P	19.3
2	☐	5.000	4.318	17580.69	0.0021	P	2.2
3	☐	500.000	486.375	2007699.92	0.2321	A	1.3
4	☐	1250.000	1210.526	4851793.30	0.5776	A	1.6
5	☐	2500.000	2401.320	9390787.43	1.1458	A	1.2
6	☐	5000.000	4842.297	18542755.83	2.3105	A	1.0
7	☐	10000.000	10109.137	36379408.07	4.8237	A	4.2
8	☐			11244.43	0.0015	P	11.1

$$y = 4.7716\text{E-}004 * x + 8.0831\text{E-}006$$

$$R = 0.9998$$

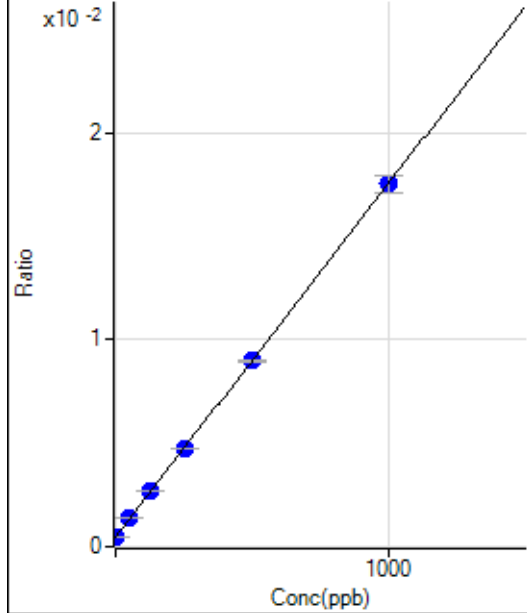
$$DL = 0.009785$$

$$BEC = 0.01694$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3358.20	0.0005	P	4.4
2	☐	1.000	2.121	3673.83	0.0005	P	0.9
3	☐	50.000	52.991	10253.69	0.0014	P	1.4
4	☐	125.000	131.373	20136.26	0.0027	P	1.2
5	☐	250.000	251.231	34831.72	0.0048	P	1.3
6	☐	500.000	499.702	65372.86	0.0090	P	0.9
7	☐	1000.000	998.894	122059.57	0.0175	P	4.5
8	☐			3161.49	0.0005	P	2.6

$$y = 1.7108\text{E-}005 * x + 4.5615\text{E-}004$$

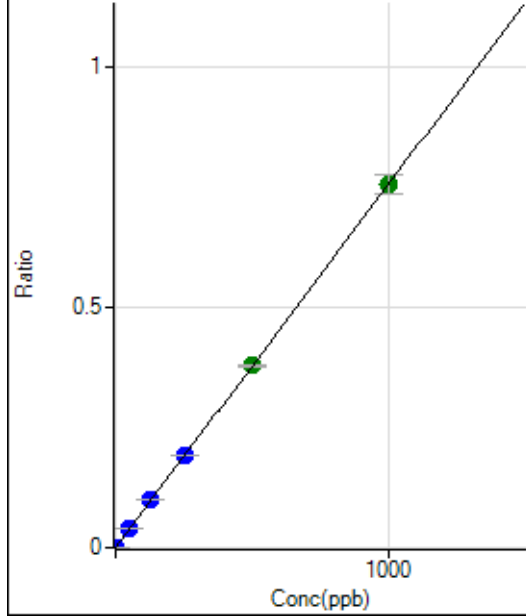
$$R = 1.0000$$

$$DL = 3.557$$

$$BEC = 26.66$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0000	P	16.2
2	☐	1.000	0.940	5397.72	0.0007	P	2.8
3	☐	50.000	52.948	301631.01	0.0401	P	0.5
4	☐	125.000	130.182	733926.85	0.0985	P	0.5
5	☐	250.000	252.635	1401057.62	0.1912	P	0.6
6	☐	500.000	500.482	2750060.20	0.3788	A	1.3
7	☐	1000.000	998.305	5256087.42	0.7556	A	5.1
8	☐			1961.34	0.0003	P	6.4

$$y = 7.5689\text{E-}004 * x + 1.1621\text{E-}005$$

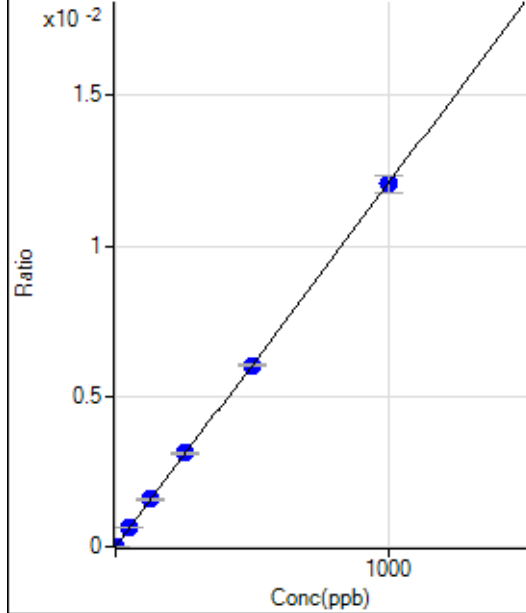
$$R = 1.0000$$

$$DL = 0.00746$$

$$BEC = 0.01535$$

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	2.22	0.0000	P	86.6
2	☐	1.000	1.095	101.11	0.0000	P	22.9
3	☐	50.000	53.402	4860.86	0.0006	P	5.9
4	☐	125.000	129.847	11693.69	0.0016	P	1.7
5	☐	250.000	258.740	22917.06	0.0031	P	2.2
6	☐	500.000	497.765	43697.85	0.0060	P	1.2
7	☐	1000.000	998.157	83953.18	0.0121	P	4.5
8	☐			88.89	0.0000	P	32.4

$$y = 1.2089\text{E-}005 * x + 3.0207\text{E-}007$$

$$R = 0.9999$$

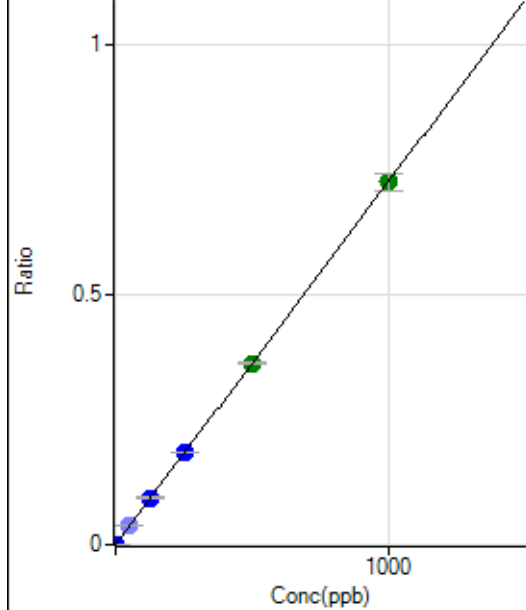
$$DL = 0.06492$$

$$BEC = 0.02499$$

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	42.22	0.0000	P	16.1
2	☐	1.000	0.950	5182.08	0.0007	P	2.9
3	☒	50.000		289130.58	0.0384	P	0.2
4	☐	125.000	129.329	698422.92	0.0938	P	1.0
5	☐	250.000	251.966	1338630.66	0.1827	P	0.2
6	☐	500.000	499.682	2630535.60	0.3623	A	1.3
7	☐	1000.000	999.126	5040142.67	0.7245	A	4.6
8	☐			1823.47	0.0003	P	7.6

$$y = 7.2510E-004 * x + 5.7327E-006$$

$$R = 1.0000$$

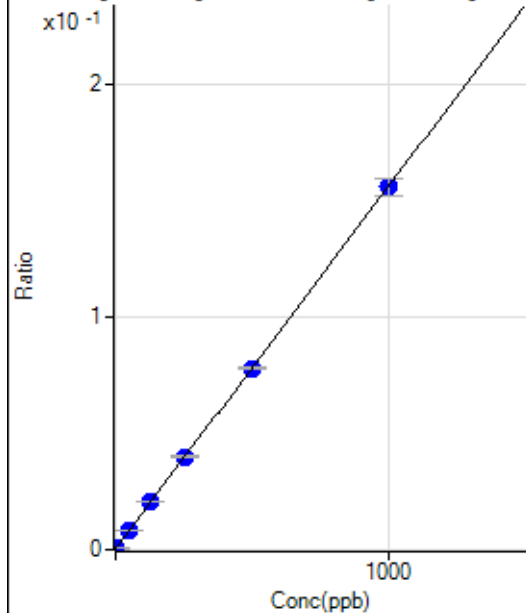
$$DL = 0.003808$$

$$BEC = 0.007906$$

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	2353.63	0.0003	P	4.5
2	☐	1.000	1.102	3667.63	0.0005	P	3.5
3	☐	50.000	53.114	64730.41	0.0086	P	0.7
4	☐	125.000	131.037	154575.33	0.0208	P	0.6
5	☐	250.000	254.699	293353.33	0.0400	P	0.5
6	☐	500.000	498.615	566806.20	0.0781	P	1.4
7	☐	1000.000	998.607	1085693.30	0.1561	P	4.5
8	☐			2885.29	0.0004	P	5.0

$$y = 1.5595E-004 * x + 3.1969E-004$$

$$R = 1.0000$$

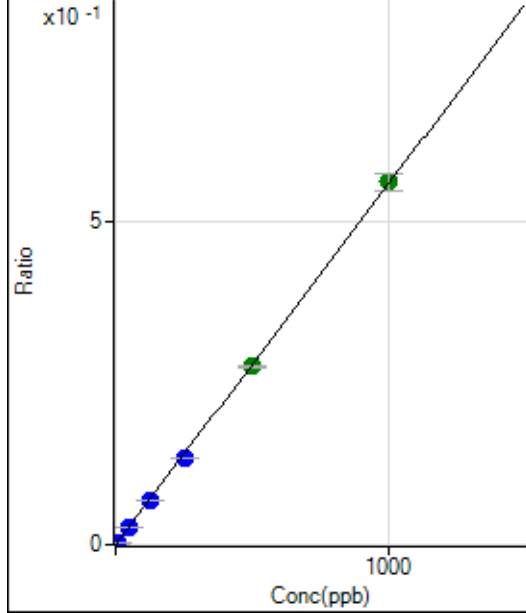
$$DL = 0.2767$$

$$BEC = 2.05$$

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	398.90	0.0001	P	10.8
2	☐	5.000	4.668	19868.23	0.0027	P	1.9
3	☐	50.000	49.489	208521.83	0.0277	P	0.3
4	☐	125.000	121.645	506722.13	0.0680	P	0.7
5	☐	250.000	240.863	986657.87	0.1347	P	0.6
6	☐	500.000	493.980	2004597.89	0.2761	A	1.3
7	☐	1000.000	1005.741	3910847.58	0.5622	A	4.7
8	☐			2790.30	0.0004	P	3.5

$$y = 5.5889\text{E-}004 * x + 5.4197\text{E-}005$$

$$R = 0.9999$$

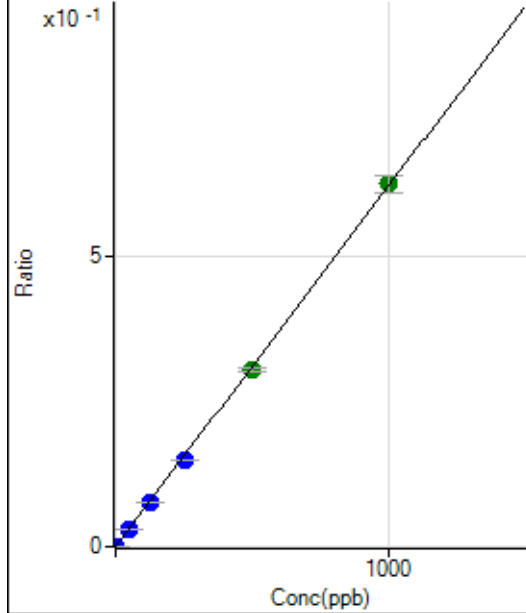
$$DL = 0.03143$$

$$BEC = 0.09697$$

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	25.56	0.0000	P	20.2
2	☐	2.000	1.782	8288.02	0.0011	P	1.1
3	☐	50.000	49.376	230856.15	0.0307	P	0.5
4	☐	125.000	121.712	563242.65	0.0756	P	0.6
5	☐	250.000	241.942	1101404.59	0.1503	P	0.5
6	☐	500.000	491.655	2217669.90	0.3055	A	1.5
7	☐	1000.000	1006.630	4350934.07	0.6255	A	4.9
8	☐			3298.19	0.0005	P	5.3

$$y = 6.2133\text{E-}004 * x + 3.4723\text{E-}006$$

$$R = 0.9999$$

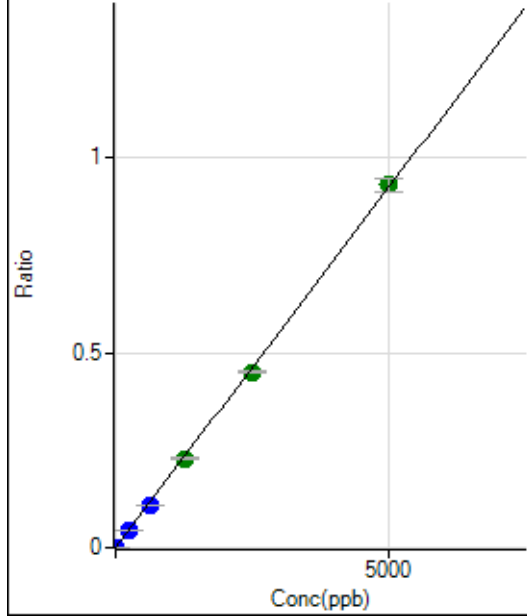
$$DL = 0.003381$$

$$BEC = 0.005589$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	18.9
2	☐	10.000	8.905	12312.06	0.0017	P	1.3
3	☐	250.000	241.093	335397.39	0.0446	P	0.4
4	☐	625.000	588.885	810803.75	0.1089	P	1.1
5	☐	1250.000	1234.328	1671765.36	0.2282	A	1.3
6	☐	2500.000	2442.482	3277776.76	0.4515	A	1.8
7	☐	5000.000	5037.639	6480023.37	0.9313	A	4.0
8	☐			4181.77	0.0006	P	6.1

$$y = 1.8487E-004 * x + 4.0736E-006$$

$$R = 0.9999$$

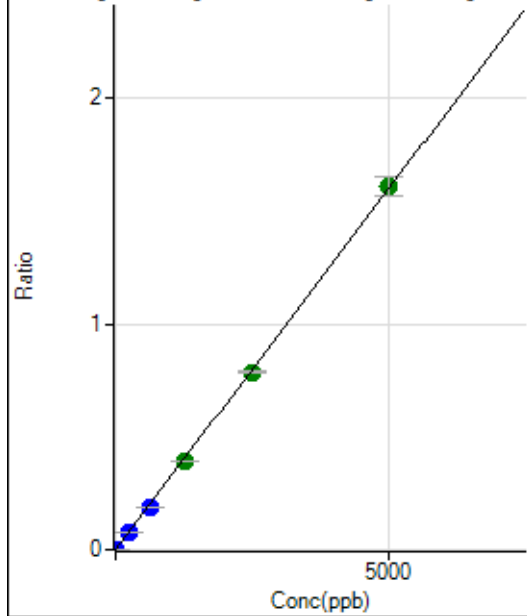
$$DL = 0.0125$$

$$BEC = 0.02204$$

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	33.33	0.0000	P	0.4
2	☐	10.000	9.030	21567.51	0.0029	P	2.1
3	☐	250.000	240.379	578149.48	0.0768	P	0.4
4	☐	625.000	590.364	1405326.77	0.1887	P	1.3
5	☐	1250.000	1221.682	2860892.70	0.3905	A	1.0
6	☐	2500.000	2462.359	5714022.28	0.7871	A	0.7
7	☐	5000.000	5030.713	11185012.89	1.6080	A	5.2
8	☐			7365.30	0.0011	P	1.8

$$y = 3.1964E-004 * x + 4.5271E-006$$

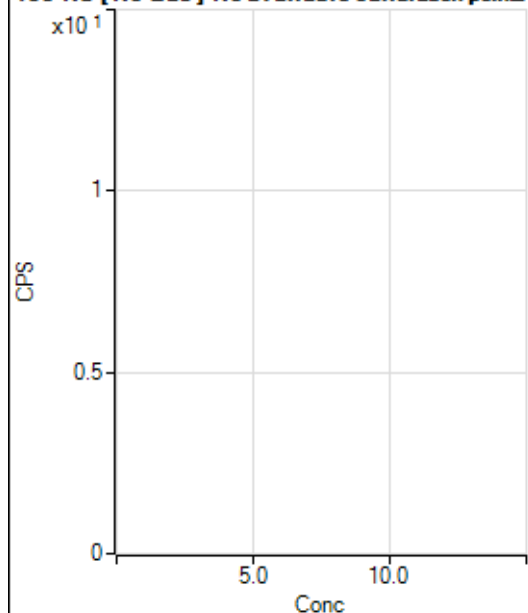
$$R = 0.9999$$

$$DL = 0.0001797$$

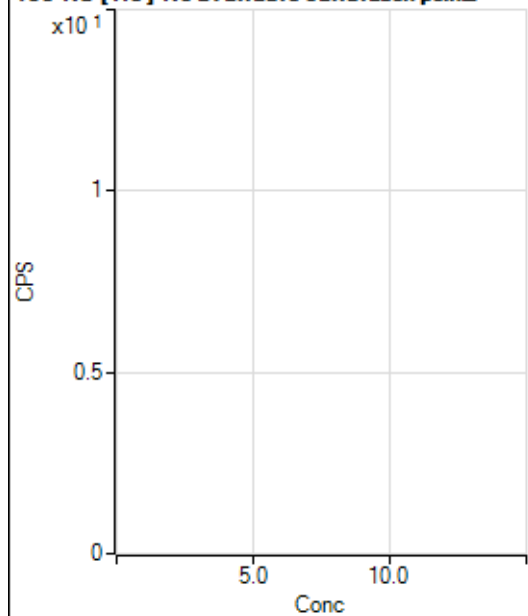
$$BEC = 0.01416$$

Weight: <None>

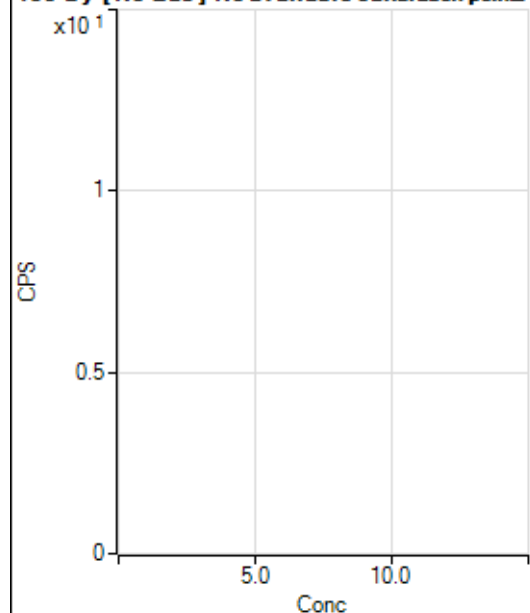
Min Conc: 0

150 Nd [No Gas] No available calibration points

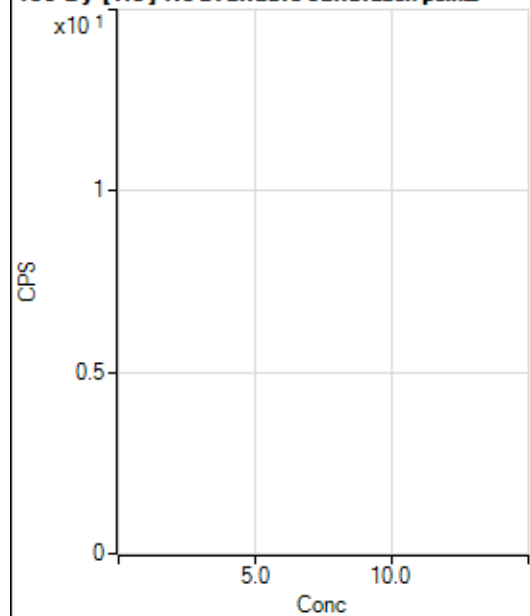
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			7.78		P	99.0
3	☐			62.22		P	8.2
4	☐			124.45		P	10.1
5	☐			234.45		P	8.3
6	☐			475.57		P	5.9
7	☐			951.15		P	10.3
8	☐			224.45		P	15.6

150 Nd [He] No available calibration points

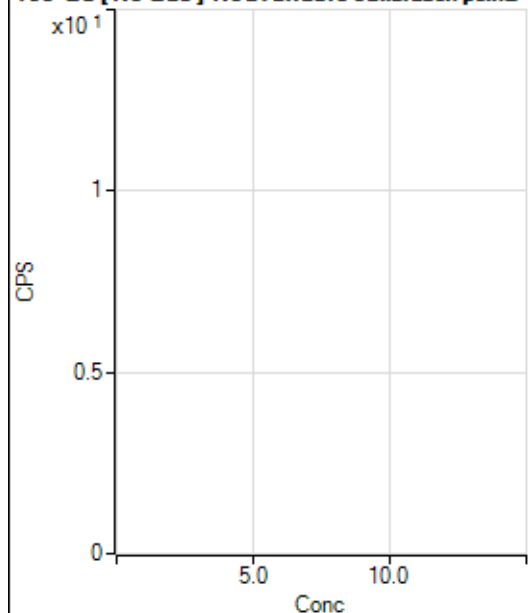
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			8.89		P	43.3
4	☐			31.11		P	34.4
5	☐			40.00		P	28.9
6	☐			82.22		P	19.2
7	☐			196.67		P	4.5
8	☐			125.56		P	22.6

156 Dy [No Gas] No available calibration points

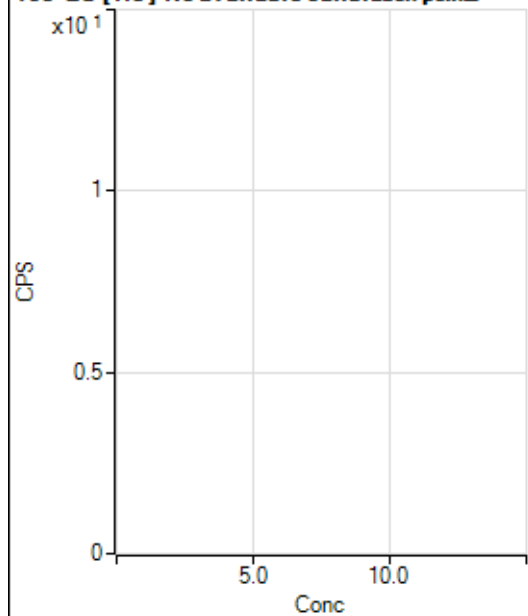
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			5.56		P	91.6
3	☐			34.44		P	24.3
4	☐			51.11		P	15.1
5	☐			97.78		P	16.8
6	☐			184.45		P	11.0
7	☐			406.68		P	2.2
8	☐			1082.28		P	3.9

156 Dy [He] No available calibration points

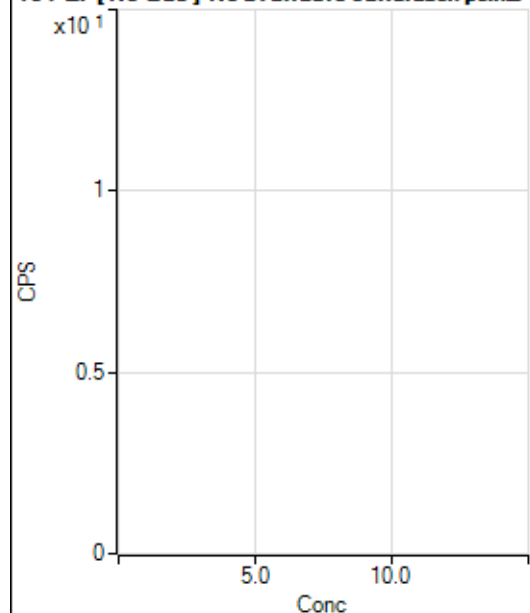
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			7.78		P	65.5
3	☐			27.78		P	18.3
4	☐			50.00		P	30.6
5	☐			76.67		P	4.4
6	☐			173.34		P	5.8
7	☐			376.68		P	6.2
8	☐			696.69		P	5.4

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

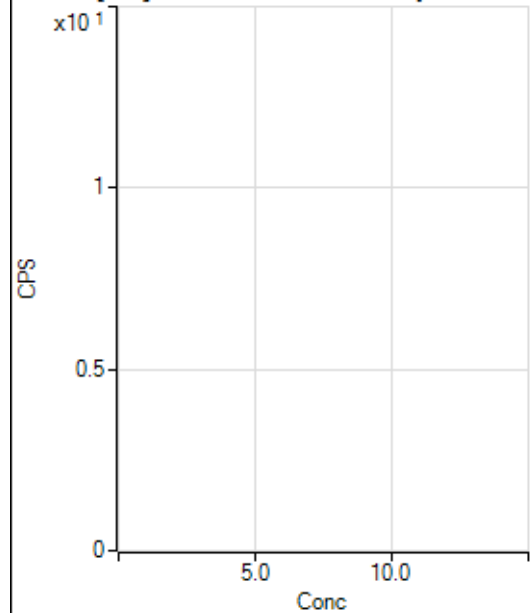
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	24.0
2	☐			34.44		P	43.6
3	☐			31.11		P	16.4
4	☐			71.11		P	24.1
5	☐			98.89		P	47.2
6	☐			164.45		P	8.2
7	☐			348.90		P	7.4
8	☐			1183.40		P	8.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			146.67		P	17.8
2	☐			191.11		P	16.6
3	☐			154.45		P	26.0
4	☐			173.34		P	6.9
5	☐			194.45		P	19.0
6	☐			268.90		P	12.5
7	☐			310.01		P	5.7
8	☐			904.49		P	5.9

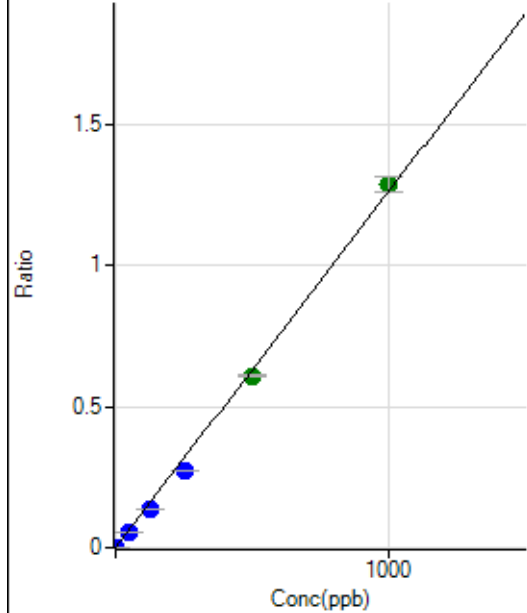
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	35.1
2	☐			50.00		P	26.7
3	☐			46.67		P	14.3
4	☐			77.78		P	19.3
5	☐			68.89		P	29.6
6	☐			82.22		P	15.4
7	☐			103.33		P	44.4
8	☐			173.34		P	5.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	52.9
2	☐			35.55		P	47.2
3	☐			21.11		P	24.1
4	☐			33.33		P	10.0
5	☐			42.22		P	32.9
6	☐			60.00		P	16.7
7	☐			68.89		P	24.8
8	☐			105.56		P	37.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	56.67	0.0000	P	12.4
2	☐	1.000	0.807	4251.82	0.0010	P	3.3
3	☐	50.000	43.810	228932.97	0.0553	P	1.5
4	☐	125.000	108.295	572043.35	0.1366	P	0.9
5	☐	250.000	216.485	1123524.31	0.2731	P	0.4
6	☐	500.000	482.470	2446264.57	0.6087	A	1.1
7	☐	1000.000	1019.542	4811181.87	1.2862	A	4.2
8	☐			1428.98	0.0004	P	14.3

$$y = 0.0013 * x + 1.3834E-005$$

$$R = 0.9991$$

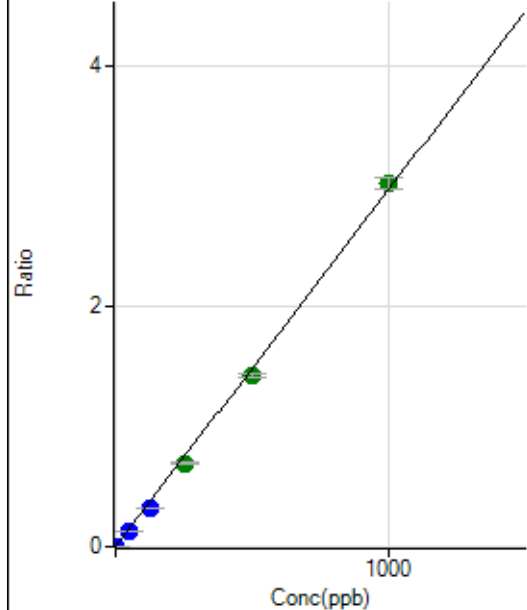
$$DL = 0.004073$$

$$BEC = 0.01097$$

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	120.00	0.0000	P	19.1
2	☐	1.000	0.802	9922.58	0.0024	P	0.9
3	☐	50.000	43.975	540451.78	0.1305	P	1.5
4	☐	125.000	107.909	1340674.93	0.3202	P	0.1
5	☐	250.000	233.730	2852988.25	0.6935	A	0.6
6	☐	500.000	480.012	5723899.98	1.4243	A	1.4
7	☐	1000.000	1016.499	11284057.89	3.0161	A	3.3
8	☐			3584.95	0.0011	P	6.9

$$y = 0.0030 * x + 2.9269E-005$$

$$R = 0.9995$$

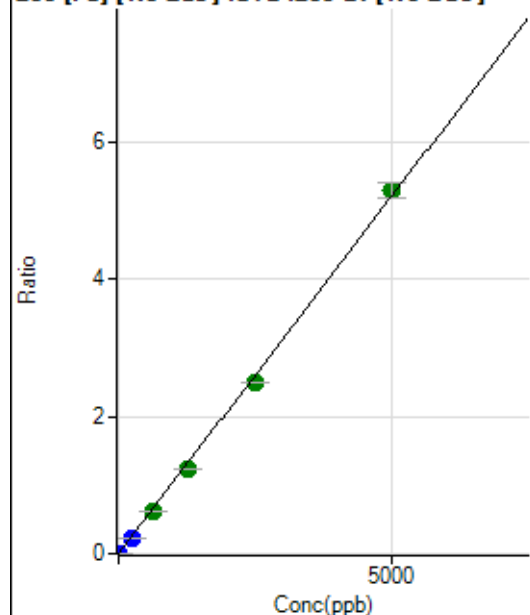
$$DL = 0.005654$$

$$BEC = 0.009865$$

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	150.01	0.0000	P	10.7
2	☐	1.000	0.788	3528.27	0.0009	P	0.2
3	☐	250.000	218.658	942187.08	0.2275	P	1.6
4	☐	625.000	583.707	2542683.09	0.6073	A	0.8
5	☐	1250.000	1176.973	5037340.48	1.2245	A	0.6
6	☐	2500.000	2391.538	9999515.27	2.4881	A	0.1
7	☐	5000.000	5079.217	19766236.79	5.2843	A	4.2
8	☐			9750.25	0.0029	P	5.7

$$y = 0.0010 * x + 3.6616E-005$$

$$R = 0.9995$$

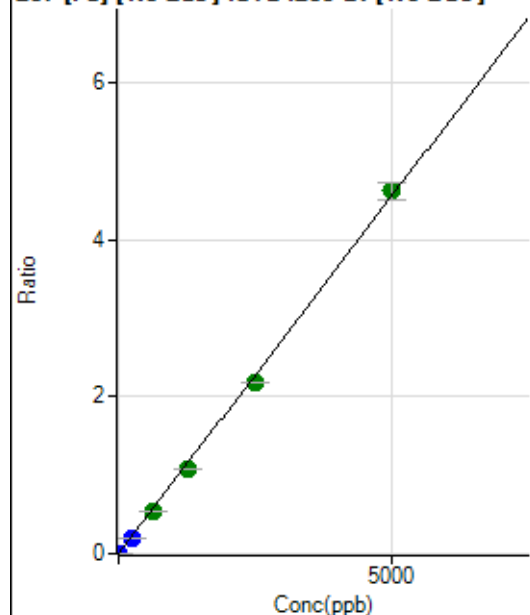
$$DL = 0.01128$$

$$BEC = 0.0352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	115.56	0.0000	P	33.6
2	☐	1.000	0.801	3124.84	0.0008	P	2.6
3	☐	250.000	218.583	825492.21	0.1993	P	1.0
4	☐	625.000	587.468	2242637.52	0.5357	A	1.4
5	☐	1250.000	1180.853	4429426.39	1.0767	A	0.5
6	☐	2500.000	2393.434	8770675.29	2.1823	A	0.6
7	☐	5000.000	5076.832	17313868.63	4.6290	A	4.6
8	☐			8291.49	0.0024	P	5.3

$$y = 9.1179E-004 * x + 2.8190E-005$$

$$R = 0.9996$$

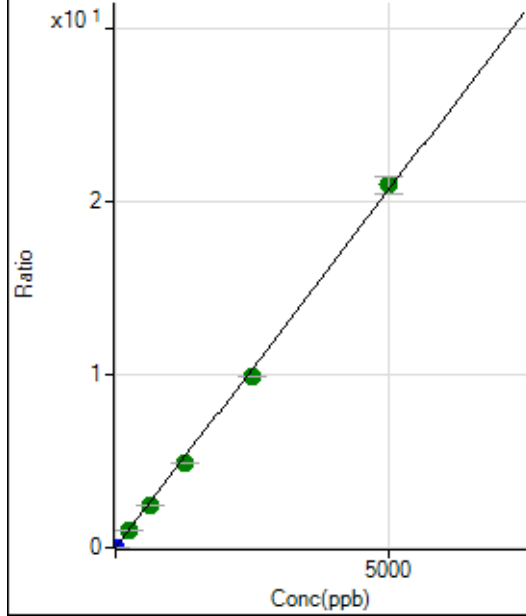
$$DL = 0.03117$$

$$BEC = 0.03092$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	556.68	0.0001	P	5.9
2	☐	1.000	0.783	13882.87	0.0034	P	1.6
3	☐	250.000	231.048	3954740.87	0.9550	A	1.3
4	☐	625.000	586.433	10147081.22	2.4237	A	0.9
5	☐	1250.000	1180.102	20062712.06	4.8771	A	0.3
6	☐	2500.000	2400.521	39870092.60	9.9206	A	0.2
7	☐	5000.000	5072.983	78414764.25	20.9650	A	4.5
8	☐			38635.26	0.0114	P	5.2

$$y = 0.0041 * x + 1.3585E-004$$

$$R = 0.9996$$

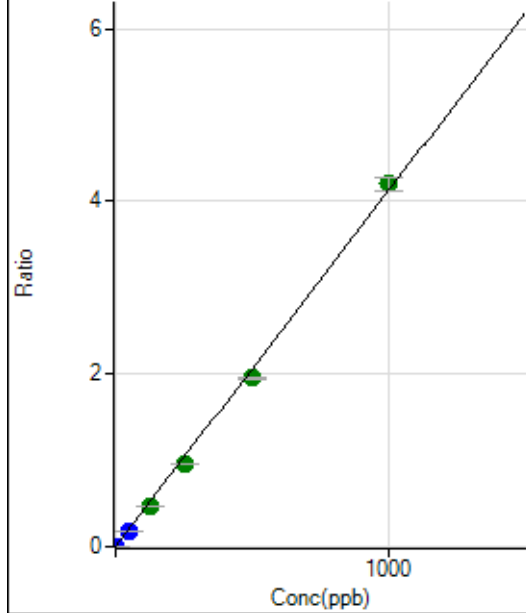
$$DL = 0.005863$$

$$BEC = 0.03287$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0000	P	44.1
2	☐	1.000	0.755	12836.27	0.0031	P	2.4
3	☐	50.000	41.390	706476.69	0.1706	P	1.7
4	☐	125.000	114.456	1975094.79	0.4718	A	0.8
5	☐	250.000	232.534	3942571.99	0.9584	A	0.9
6	☐	500.000	473.331	7840188.15	1.9509	A	2.0
7	☐	1000.000	1019.450	15718431.02	4.2018	A	3.8
8	☐			6082.56	0.0018	P	8.0

$$y = 0.0041 * x + 3.7913E-006$$

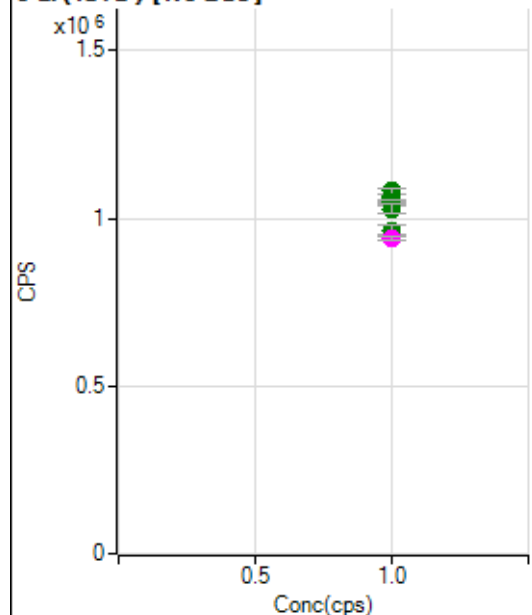
$$R = 0.9993$$

$$DL = 0.001218$$

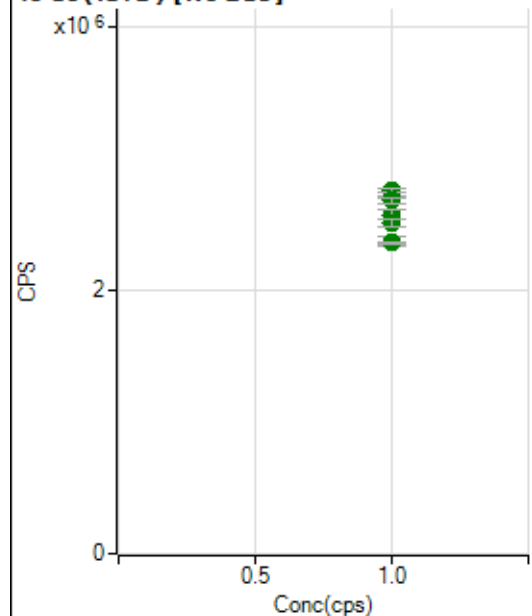
$$BEC = 0.0009198$$

Weight: <None>

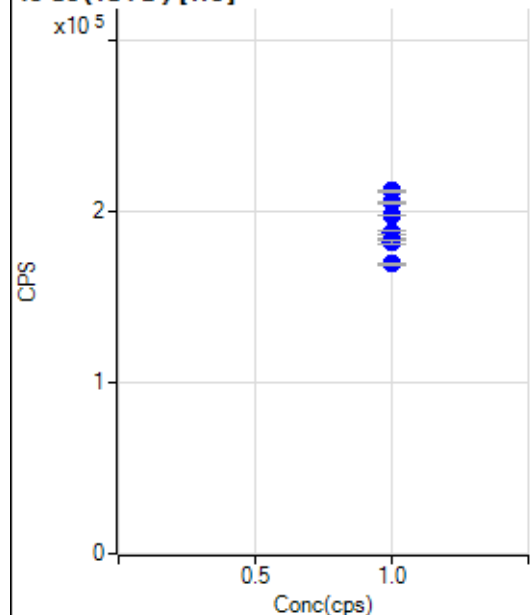
Min Conc: 0

6 Li (ISTD) [No Gas]

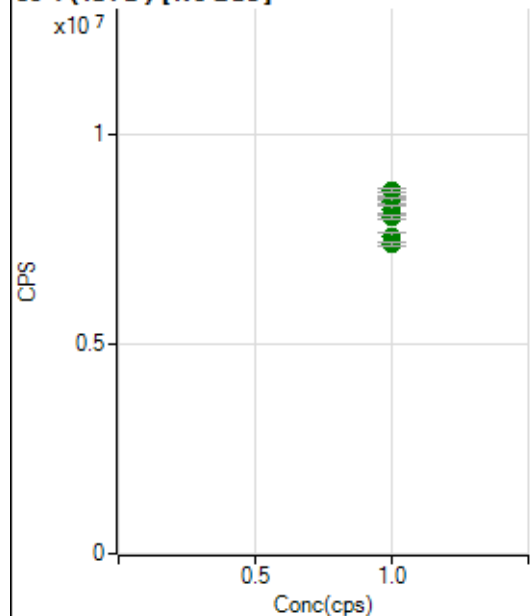
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1024183.93		A	2.0
2	☐	1.000		1060530.14		A	1.7
3	☐	1.000		1081216.39		A	1.4
4	☐	1.000		1068212.84		A	3.4
5	☐	1.000		1051121.52		A	1.2
6	☐	1.000		1028567.14		A	2.8
7	☐	1.000		965367.97		A	3.4
8	☐	1.000		940710.26		M	0.9

45 Sc (ISTD) [No Gas]

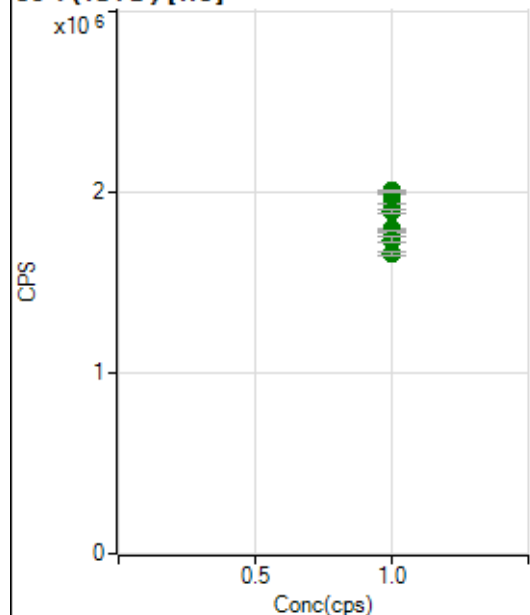
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2701273.19		A	0.5
2	☐	1.000		2716866.11		A	0.3
3	☐	1.000		2753774.30		A	1.1
4	☐	1.000		2678551.84		A	1.2
5	☐	1.000		2576044.09		A	3.2
6	☐	1.000		2506595.38		A	2.2
7	☐	1.000		2370052.29		A	3.4
8	☐	1.000		2361069.34		A	0.4

45 Sc (ISTD) [He]

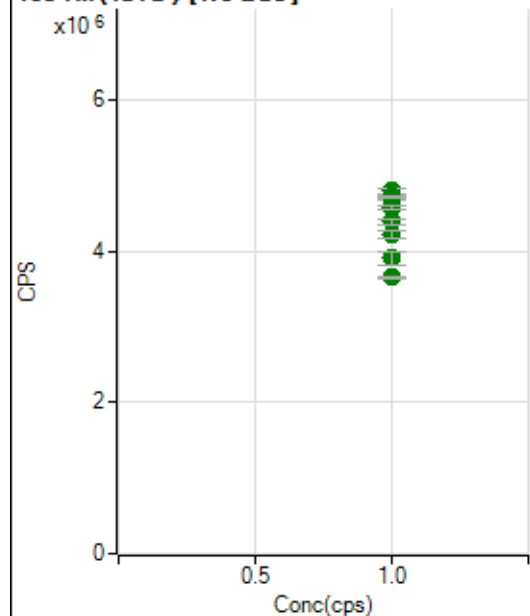
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		205256.64		P	0.7
2	☐	1.000		211666.93		P	0.4
3	☐	1.000		211756.77		P	0.7
4	☐	1.000		197530.45		P	0.5
5	☐	1.000		169079.21		P	0.5
6	☐	1.000		187145.39		P	0.9
7	☐	1.000		183390.40		P	0.6
8	☐	1.000		181877.45		P	1.8

89 Y (ISTD) [No Gas]

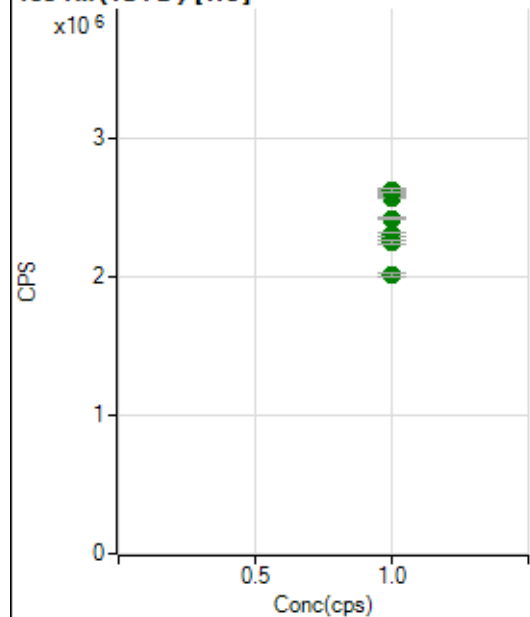
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8393388.90		A	1.2
2	☐	1.000		8499726.96		A	1.0
3	☐	1.000		8651384.38		A	1.1
4	☐	1.000		8400991.06		A	1.8
5	☐	1.000		8197074.67		A	2.1
6	☐	1.000		8026126.62		A	1.7
7	☐	1.000		7548820.24		A	3.3
8	☐	1.000		7396717.11		A	1.1

89 Y(ISTD) [He]

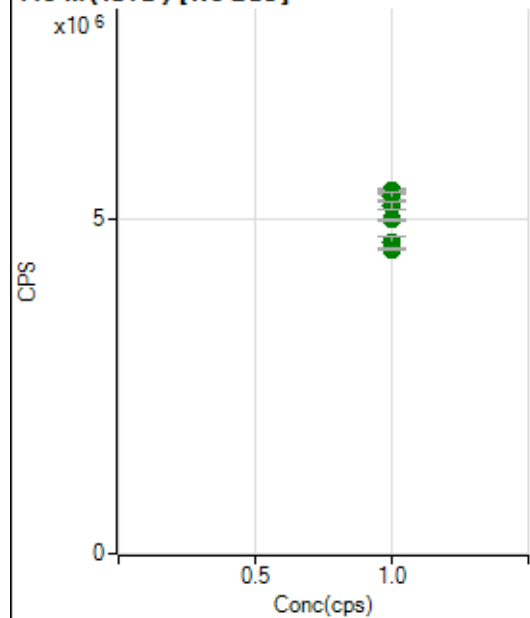
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1941921.71		A	0.2
2	☐	1.000		1993766.69		A	0.4
3	☐	1.000		2009905.16		A	0.8
4	☐	1.000		1901214.80		A	1.1
5	☐	1.000		1660704.18		A	1.1
6	☐	1.000		1797619.23		A	0.7
7	☐	1.000		1781806.45		A	0.4
8	☐	1.000		1741585.13		A	2.0

103 Rh(ISTD) [No Gas]

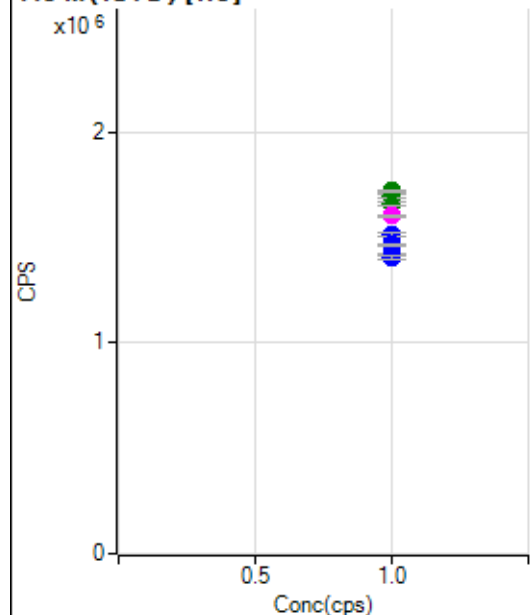
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4717294.76		A	0.9
2	☐	1.000		4804242.01		A	1.5
3	☐	1.000		4727968.05		A	0.5
4	☐	1.000		4577502.12		A	1.2
5	☐	1.000		4401385.42		A	1.9
6	☐	1.000		4229070.11		A	1.9
7	☐	1.000		3911242.48		A	4.2
8	☐	1.000		3659079.88		A	0.5

103 Rh (ISTD) [He]

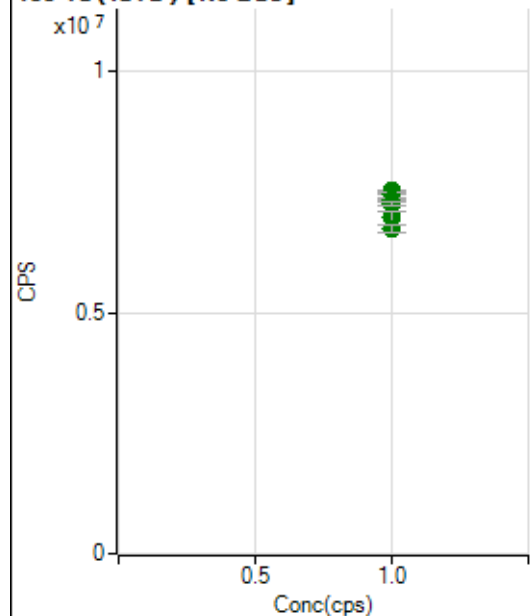
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2581208.68		A	0.6
2	☐	1.000		2616602.81		A	1.4
3	☐	1.000		2625451.33		A	1.1
4	☐	1.000		2425151.75		A	0.5
5	☐	1.000		2279661.14		A	1.0
6	☐	1.000		2308512.57		A	0.8
7	☐	1.000		2257404.01		A	1.4
8	☐	1.000		2013692.61		A	1.5

115 In (ISTD) [No Gas]

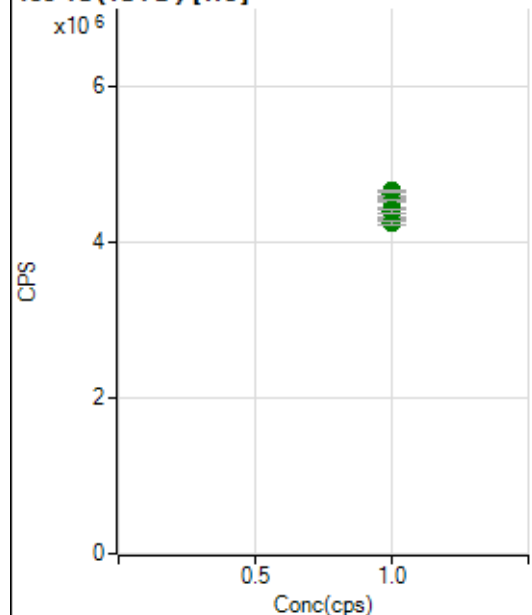
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5378702.36		A	0.7
2	☐	1.000		5410768.88		A	1.0
3	☐	1.000		5403910.82		A	0.9
4	☐	1.000		5335124.60		A	1.9
5	☐	1.000		5201360.20		A	2.1
6	☐	1.000		4978241.20		A	1.0
7	☐	1.000		4636535.06		A	4.4
8	☐	1.000		4539428.57		A	0.9

115 In (ISTD) [He]

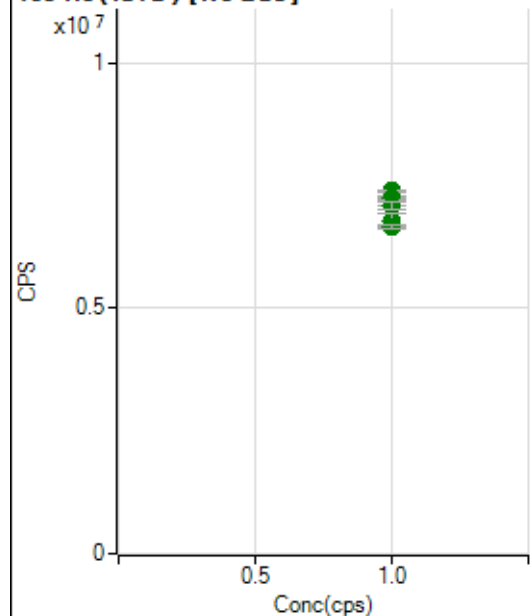
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1660118.40		A	1.0
2	☐	1.000		1700356.92		A	1.1
3	☐	1.000		1720148.06		A	0.5
4	☐	1.000		1600778.83		M	0.7
5	☐	1.000		1419654.11		P	0.6
6	☐	1.000		1513110.12		P	0.7
7	☐	1.000		1465263.09		P	0.4
8	☐	1.000		1404121.80		P	1.2

159 Tb (ISTD) [No Gas]

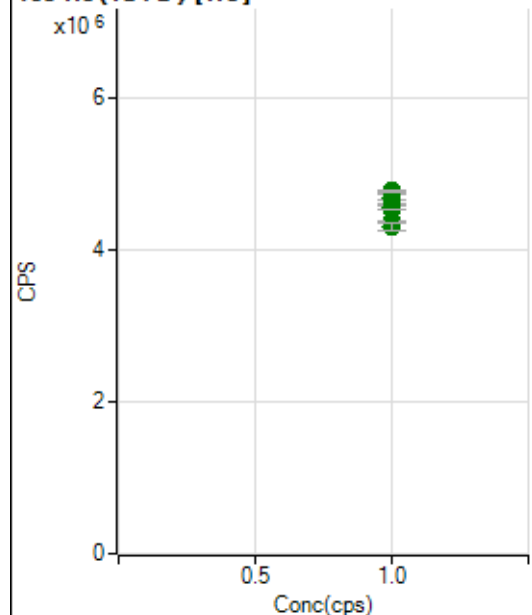
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7362417.80		A	0.4
2	☐	1.000		7460802.94		A	0.4
3	☐	1.000		7524262.94		A	0.5
4	☐	1.000		7447903.29		A	1.5
5	☐	1.000		7326666.35		A	1.0
6	☐	1.000		7260377.25		A	1.6
7	☐	1.000		6965052.61		A	3.8
8	☐	1.000		6740567.47		A	2.5

159 Tb (ISTD) [He]

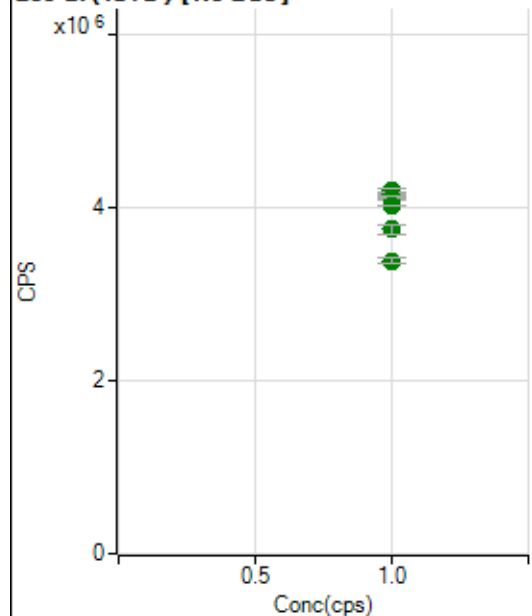
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4545899.10		A	1.0
2	☐	1.000		4617965.24		A	1.3
3	☐	1.000		4649955.00		A	0.8
4	☐	1.000		4515424.03		A	0.7
5	☐	1.000		4305528.48		A	0.7
6	☐	1.000		4422884.76		A	0.6
7	☐	1.000		4388178.61		A	0.8
8	☐	1.000		4237186.46		A	1.6

165 Ho (ISTD) [No Gas]

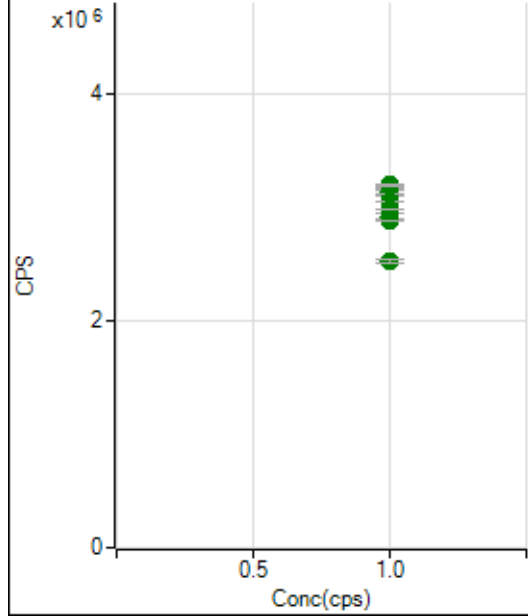
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7176425.03		A	1.9
2	☐	1.000		7229496.42		A	0.7
3	☐	1.000		7396945.93		A	0.5
4	☐	1.000		7243431.49		A	1.6
5	☐	1.000		7194960.66		A	0.7
6	☐	1.000		7100789.41		A	2.1
7	☐	1.000		6786440.52		A	4.1
8	☐	1.000		6662524.83		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4590878.72		A	0.8
2	☐	1.000		4688659.13		A	1.5
3	☐	1.000		4774150.38		A	0.8
4	☐	1.000		4602538.86		A	0.7
5	☐	1.000		4376254.76		A	0.6
6	☐	1.000		4555656.60		A	1.2
7	☐	1.000		4523821.39		A	0.2
8	☐	1.000		4305136.98		A	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4098285.15		A	0.8
2	☐	1.000		4118535.18		A	1.3
3	☐	1.000		4141650.32		A	1.2
4	☐	1.000		4186923.34		A	1.0
5	☐	1.000		4113727.58		A	0.7
6	☐	1.000		4018928.93		A	0.4
7	☐	1.000		3743981.61		A	3.3
8	☐	1.000		3383198.70		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3124588.77		A	1.3
2	☐	1.000		3141772.52		A	1.7
3	☐	1.000		3196327.66		A	0.5
4	☐	1.000		3050900.40		A	0.3
5	☐	1.000		2921227.73		A	1.4
6	☐	1.000		2983087.94		A	0.2
7	☐	1.000		2876617.56		A	0.2
8	☐	1.000		2531042.93		A	1.3