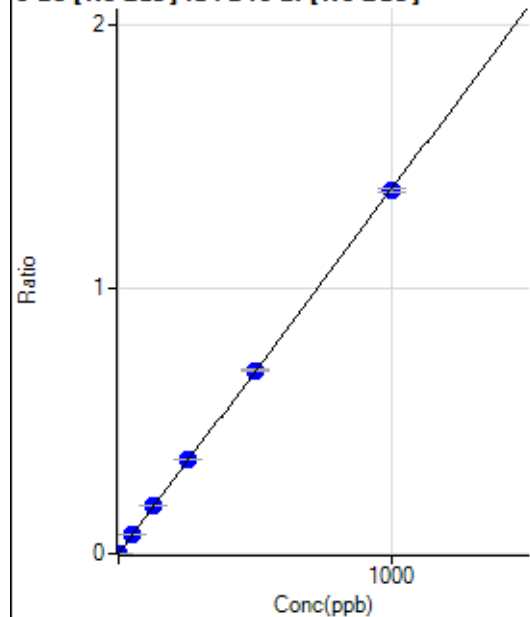


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032725-MS.b\
 Analysis File: P7032725-MS.batch.bin
 DA Date-Time: 2025-03-28 00:20:36
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-03-27 14:21:50
2	006CALS.d	S02	2025-03-27 14:28:27
3	007CALS.d	S03	2025-03-27 14:31:45
4	008CALS.d	S04	2025-03-27 14:34:56
5	009CALS.d	S05	2025-03-27 14:37:58
6	010CALS.d	S06	2025-03-27 14:40:53
7	011CALS.d	S07	2025-03-27 14:43:39
8	012CALS.d	S08	2025-03-27 14:46:26

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.57	0.0001	P	13.2
2	☐	1.000	1.168	950.26	0.0018	P	6.8
3	☐	50.000	52.852	39801.31	0.0729	P	1.0
4	☐	125.000	130.878	101355.11	0.1804	P	0.4
5	☐	250.000	258.036	195699.34	0.3554	P	0.6
6	☐	500.000	503.679	374498.37	0.6937	P	0.6
7	☐	1000.000	995.274	736379.62	1.3705	P	1.2
8	☐			96.91	0.0002	P	8.8

$$y = 0.0014 * x + 1.4410E-004$$

$$R = 0.9999$$

$$DL = 0.04157$$

$$BEC = 0.1047$$

Weight: <None>

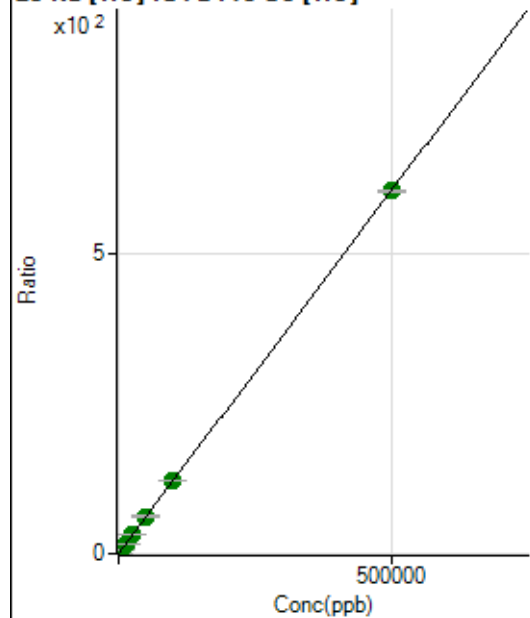
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14016.48	0.0465	P	0.2
2	☐	500.000	523.297	206014.13	0.6796	P	1.9
3	☐	5000.000	5137.430	1925932.11	6.2624	A	1.0
4	☐	12500.000	13122.615	4630748.26	15.9240	A	0.5
5	☐	25000.000	26409.064	9026685.97	31.9998	A	0.9
6	☐	50000.000	51546.075	17699460.99	62.4139	A	1.7
7	☐	100000.00	101383.92	35809781.13	122.7145	A	0.2
8	☐	500000.00	499481.19	190930703.8	604.3866	A	0.6

$$y = 0.0012 * x + 0.0465$$

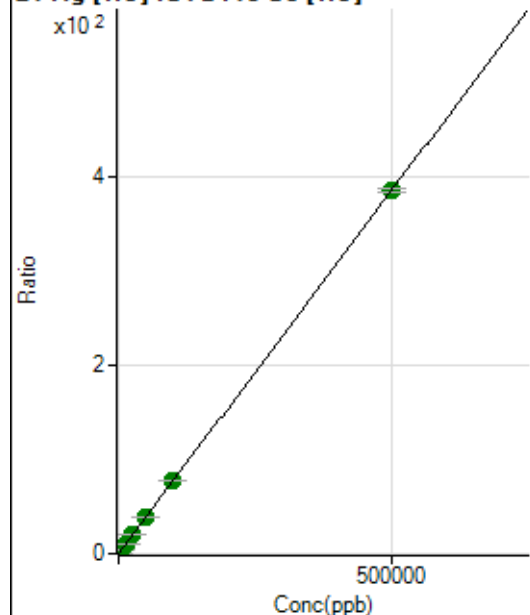
$$R = 1.0000$$

$$DL = 0.2337$$

$$BEC = 38.42$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	696.69	0.0023	P	5.5
2	☐	500.000	522.172	122551.70	0.4043	P	0.7
3	☐	5000.000	5026.684	1190691.98	3.8718	A	1.0
4	☐	12500.000	12994.075	2909494.19	10.0049	A	0.6
5	☐	25000.000	26115.259	5671911.17	20.1054	A	1.0
6	☐	50000.000	50850.936	11101832.47	39.1465	A	0.5
7	☐	100000.00	100649.94	22608881.61	77.4809	A	1.2
8	☐	500000.00	499716.51	121521701.5	384.6755	A	1.0

$$y = 7.6978\text{E-}004 * x + 0.0023$$

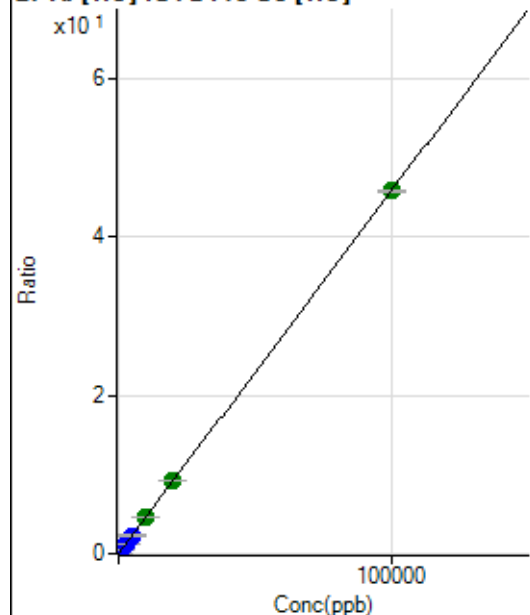
$$R = 1.0000$$

$$DL = 0.4914$$

$$BEC = 3.002$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0004	P	12.1
2	☐	20.000	21.250	3091.46	0.0102	P	1.3
3	☐	1000.000	989.521	139777.96	0.4545	P	1.0
4	☐	2500.000	2514.883	335720.67	1.1545	P	0.4
5	☐	5000.000	5026.285	650774.43	2.3069	P	0.5
6	☐	10000.000	10181.804	1325134.40	4.6726	A	0.7
7	☐	20000.000	20046.352	2684430.05	9.1992	A	0.5
8	☐	100000.00	99970.967	14492238.95	45.8748	A	0.4

$$y = 4.5888\text{E-}004 * x + 4.4579\text{E-}004$$

$$R = 1.0000$$

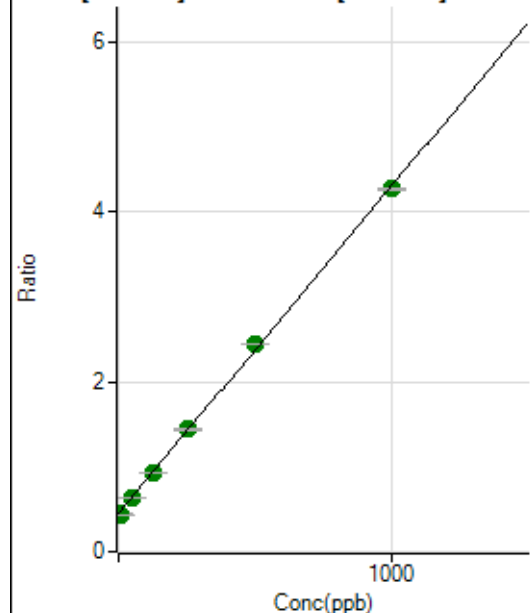
$$DL = 0.3538$$

$$BEC = 0.9715$$

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	1450710.36	0.4527	A	1.7
2	☐	10.000	-5.461	1421459.98	0.4317	A	0.5
3	☐	50.000	45.424	2027192.77	0.6276	A	1.2
4	☐	125.000	121.584	2922863.19	0.9208	A	0.8
5	☐	250.000	255.728	4306898.06	1.4373	A	0.5
6	☐	500.000	516.235	7169896.14	2.4402	A	0.6
7	☐	1000.000	991.261	13022617.16	4.2691	A	0.7
8	☐			1301200.48	0.3987	A	2.9

$$y = 0.0039 * x + 0.4527$$

$$R = 0.9996$$

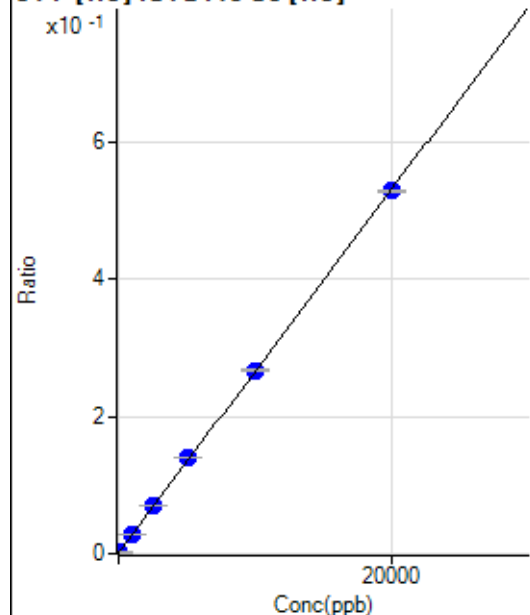
$$DL = 6.128$$

$$BEC = 117.6$$

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	-15.181	194.45	0.0006	P	10.9
2	☐	0.000	15.181	438.90	0.0014	P	9.8
3	☐	1000.000	1016.899	8600.26	0.0280	P	1.5
4	☐	2500.000	2583.173	20188.96	0.0694	P	0.6
5	☐	5000.000	5209.911	39197.97	0.1390	P	0.3
6	☐	10000.000	10026.497	75560.88	0.2664	P	1.1
7	☐	20000.000	19923.032	154193.06	0.5284	P	0.4
8	☐			185.56	0.0006	P	6.9

$$y = 2.6470E-005 * x + 0.0010$$

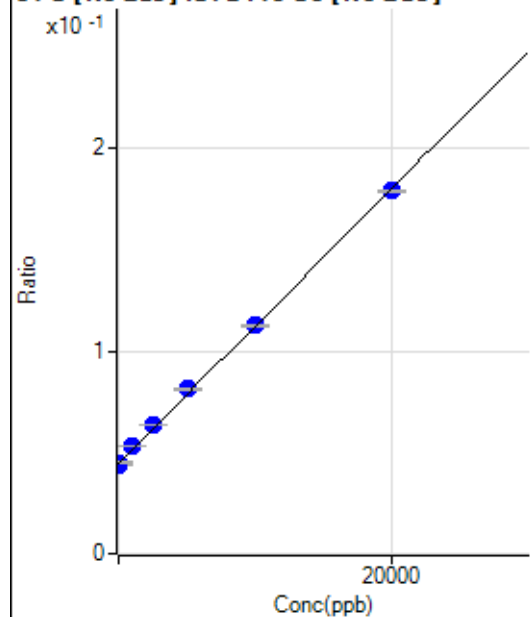
$$R = 0.9999$$

$$DL = 12.04$$

$$BEC = 39.54$$

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	-57.950	141273.28	0.0441	P	1.1
2	☐	0.000	57.950	147754.61	0.0449	P	1.3
3	☐	1000.000	1231.822	170711.30	0.0528	P	0.0
4	☐	2500.000	2837.339	202368.30	0.0638	P	0.6
5	☐	5000.000	5446.958	244156.00	0.0815	P	0.8
6	☐	10000.000	10017.692	330619.12	0.1125	P	1.0
7	☐	20000.000	19825.656	546476.67	0.1791	P	0.7
8	☐			127491.18	0.0391	P	6.1

$$y = 6.7925E-006 * x + 0.0445$$

R = 0.9996

DL = 243

BEC = 6548

Weight: <None>

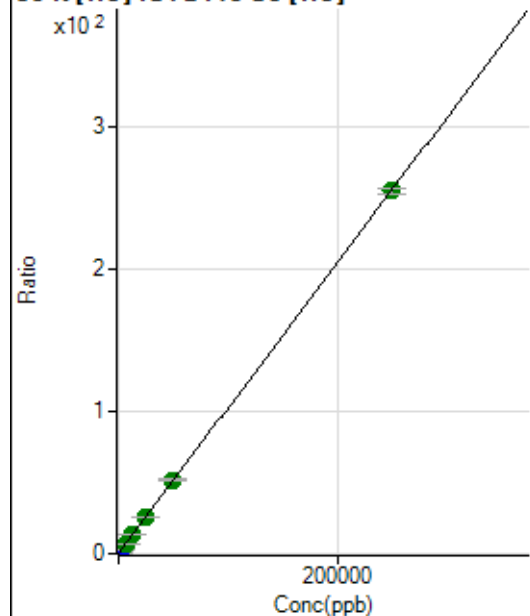
Min Conc: 0

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	56936.01	0.1889	P	1.4
2	☐	500.000	555.930	229270.29	0.7563	P	1.0
3	☐	2500.000	2632.595	884518.52	2.8761	P	0.2
4	☐	6250.000	6479.078	1978138.29	6.8025	A	1.4
5	☐	12500.000	13044.733	3809289.70	13.5045	A	1.1
6	☐	25000.000	25539.170	7446726.62	26.2584	A	0.6
7	☐	50000.000	50478.759	15090077.69	51.7160	A	1.4
8	☐	250000.00	249815.93	80617109.91	255.1931	A	1.5

$$y = 0.0010 * x + 0.1889$$

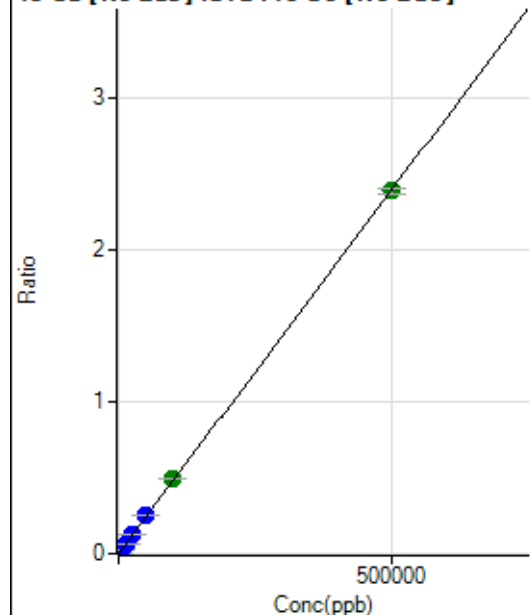
$$R = 1.0000$$

$$DL = 8.006$$

$$BEC = 185$$

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	301.12	0.0001	P	5.6
2	☐	500.000	554.009	9055.01	0.0028	P	1.8
3	☐	5000.000	5338.512	82984.16	0.0257	P	0.7
4	☐	12500.000	13423.223	204583.84	0.0645	P	0.9
5	☐	25000.000	26958.609	387621.22	0.1294	P	0.7
6	☐	50000.000	53081.659	748061.85	0.2546	P	1.1
7	☐	100000.00	102858.26	1504501.49	0.4933	A	2.0
8	☐	500000.00	498995.73	7807889.61	2.3926	A	1.6

$$y = 4.7947\text{E-}006 * x + 9.3903\text{E-}005$$

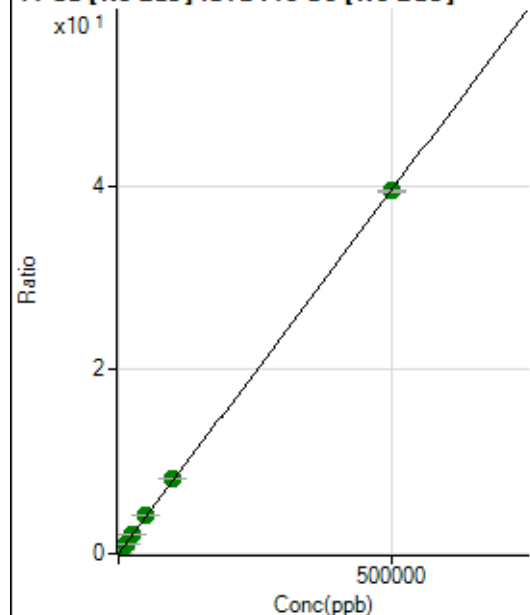
$$R = 1.0000$$

$$DL = 3.295$$

$$BEC = 19.58$$

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	11080.01	0.0035	P	1.6
2	☐	500.000	558.376	156833.68	0.0476	P	1.4
3	☐	5000.000	5157.739	1329192.09	0.4115	A	1.6
4	☐	12500.000	12801.845	3225348.97	1.0162	A	1.8
5	☐	25000.000	25751.687	6115386.16	2.0407	A	1.4
6	☐	50000.000	52056.465	12110192.74	4.1217	A	1.5
7	☐	100000.00	102963.69	24859641.06	8.1491	A	0.7
8	☐	500000.00	499154.84	128886004.4	39.4923	A	0.7

$$y = 7.9111\text{E-}005 * x + 0.0035$$

$$R = 1.0000$$

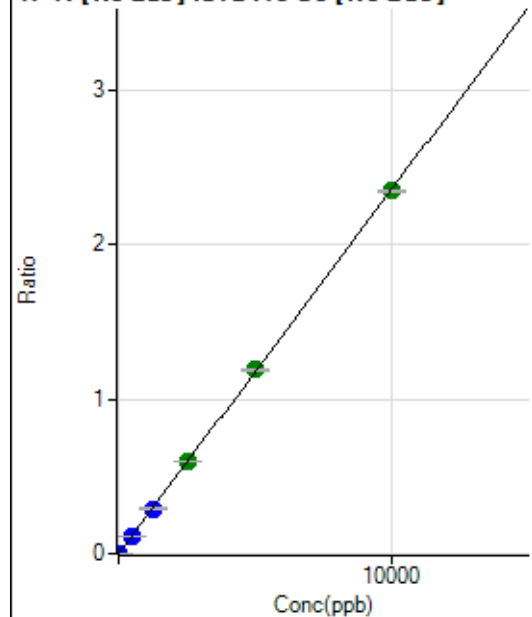
$$DL = 2.115$$

$$BEC = 43.71$$

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	61.11	0.0000	P	9.8
2	☐	5.000	5.142	4050.58	0.0012	P	1.6
3	☐	500.000	490.406	373122.82	0.1155	P	0.7
4	☐	1250.000	1237.499	925091.36	0.2915	P	1.1
5	☐	2500.000	2522.991	1780546.90	0.5942	A	0.6
6	☐	5000.000	5060.690	3501767.59	1.1918	A	1.2
7	☐	10000.000	9965.950	7159751.56	2.3470	A	0.8
8	☐			381.12	0.0001	P	9.8

$$y = 2.3550\text{E-}004 * x + 1.9087\text{E-}005$$

$$R = 1.0000$$

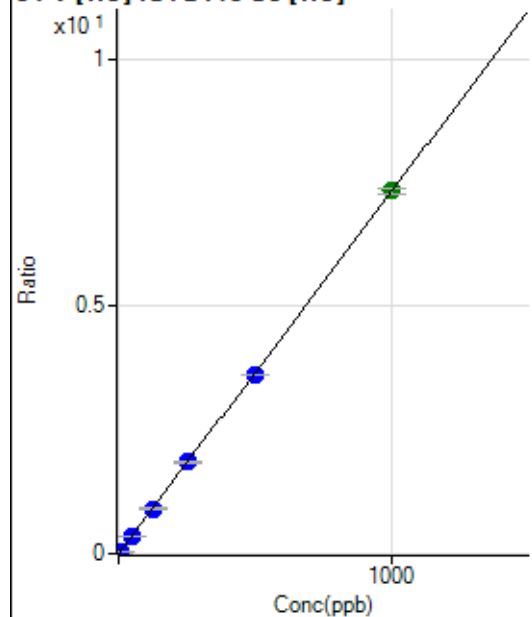
$$DL = 0.02382$$

$$BEC = 0.08105$$

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	14.45	0.0000	P	73.6
2	☐	5.000	5.197	11548.95	0.0381	P	1.9
3	☐	50.000	49.715	111960.55	0.3641	P	1.1
4	☐	125.000	124.607	265329.23	0.9124	P	1.0
5	☐	250.000	252.341	521233.84	1.8477	P	0.5
6	☐	500.000	495.165	1028210.82	3.6257	P	0.4
7	☐	1000.000	1001.895	2140525.30	7.3360	A	1.7
8	☐			638.91	0.0020	P	11.8

$$y = 0.0073 * x + 4.7767\text{E-}005$$

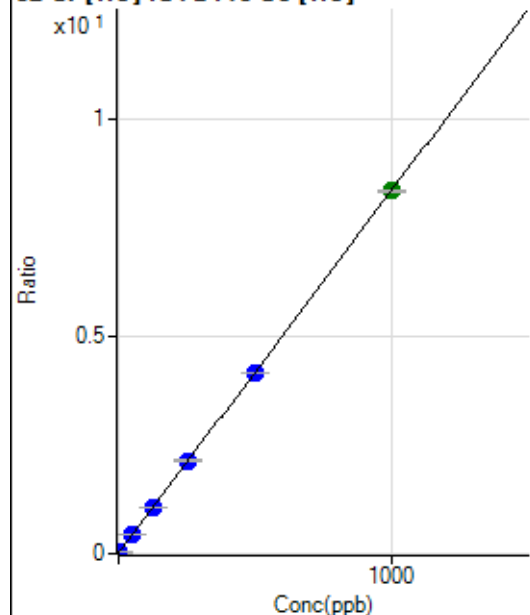
$$R = 1.0000$$

$$DL = 0.0144$$

$$BEC = 0.006524$$

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	2562.46	0.0085	P	2.8
2	☐	2.000	2.109	7923.26	0.0261	P	0.9
3	☐	50.000	50.090	131455.14	0.4275	P	0.8
4	☐	125.000	126.531	310227.37	1.0668	P	0.4
5	☐	250.000	255.939	606265.86	2.1492	P	0.6
6	☐	500.000	498.658	1185221.93	4.1793	P	0.2
7	☐	1000.000	998.990	2440725.38	8.3641	A	0.5
8	☐			16869.54	0.0534	P	1.0

$$y = 0.0084 * x + 0.0085$$

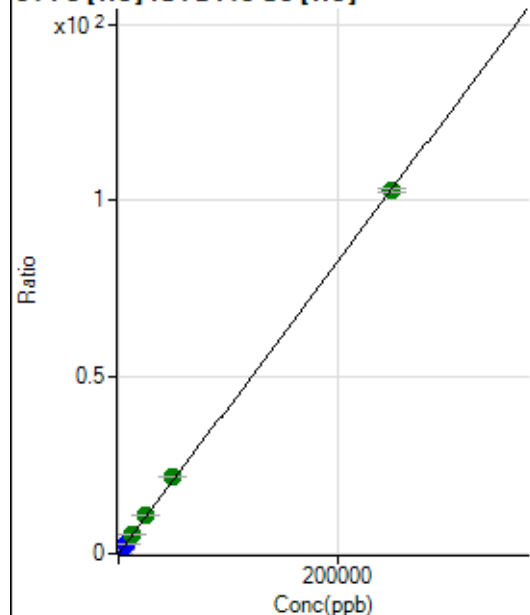
$$R = 1.0000$$

$$DL = 0.08449$$

$$BEC = 1.016$$

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	3603.80	0.0120	P	3.2
2	☐	50.000	59.505	11063.03	0.0365	P	3.8
3	☐	2500.000	2756.569	353404.26	1.1492	P	0.7
4	☐	6250.000	6912.825	832793.32	2.8638	P	0.4
5	☐	12500.000	13719.095	1599977.32	5.6717	A	0.5
6	☐	25000.000	26770.889	3135434.75	11.0561	A	0.4
7	☐	50000.000	52741.695	6352614.14	21.7701	A	0.9
8	☐	250000.00	249194.47	32480065.63	102.8152	A	1.1

$$y = 4.1254E-004 * x + 0.0120$$

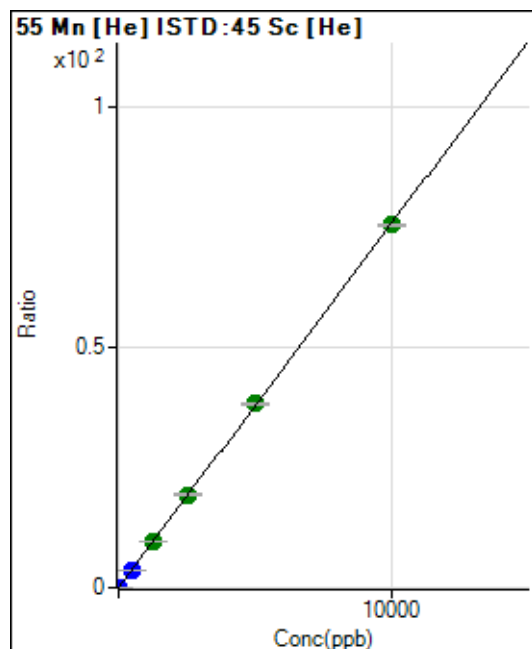
$$R = 0.9999$$

$$DL = 2.777$$

$$BEC = 28.97$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3543.78	0.0118	P	2.4
2	☐	1.000	1.104	6103.93	0.0201	P	6.3
3	☐	500.000	496.866	1163096.00	3.7820	P	0.8
4	☐	1250.000	1261.715	2787536.66	9.5858	A	1.2
5	☐	2500.000	2549.365	5460780.68	19.3566	A	1.0
6	☐	5000.000	5050.801	10872468.45	38.3377	A	0.6
7	☐	10000.000	9960.951	22059213.28	75.5964	A	0.7
8	☐			13134.70	0.0416	P	0.4

$$y = 0.0076 * x + 0.0118$$

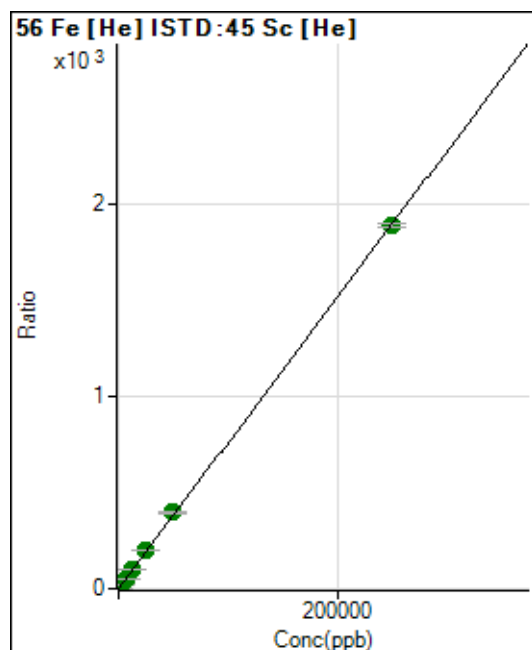
$$R = 1.0000$$

$$DL = 0.1127$$

$$BEC = 1.549$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33465.05	0.1110	P	0.6
2	☐	50.000	57.665	166153.05	0.5481	P	1.4
3	☐	2500.000	2650.250	6212682.48	20.2010	A	0.8
4	☐	6250.000	6688.819	14776675.20	50.8151	A	1.3
5	☐	12500.000	13462.042	28818039.29	102.1590	A	0.8
6	☐	25000.000	26652.784	57328438.59	202.1504	A	0.5
7	☐	50000.000	52410.814	115959548.2	397.4072	A	1.2
8	☐	250000.00	249291.98	597018622.2	1,889.850	A	0.9

$$y = 0.0076 * x + 0.1110$$

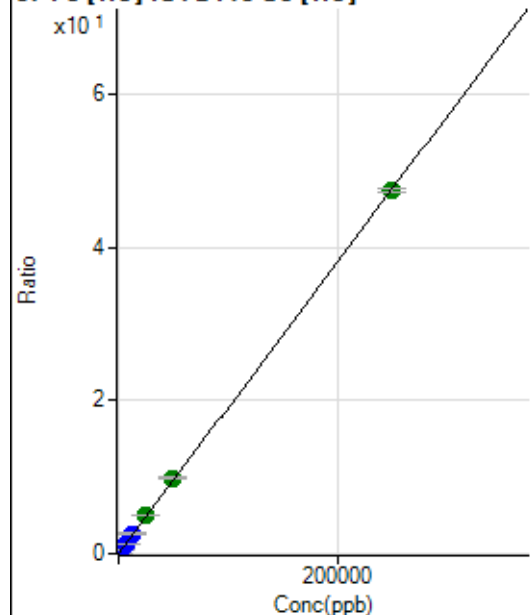
$$R = 0.9999$$

$$DL = 0.262$$

$$BEC = 14.64$$

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	1665.66	0.0055	P	2.8
2	☐	50.000	59.910	5126.47	0.0169	P	0.3
3	☐	2500.000	2708.522	160016.71	0.5203	P	0.0
4	☐	6250.000	6861.716	380847.14	1.3097	P	1.3
5	☐	12500.000	13838.203	743490.27	2.6357	P	0.5
6	☐	25000.000	26645.894	1437777.48	5.0699	A	1.9
7	☐	50000.000	52090.597	2890479.40	9.9060	A	1.4
8	☐	250000.00	249333.00	14972383.39	47.3946	A	1.1

$$y = 1.9006\text{E-}004 * x + 0.0055$$

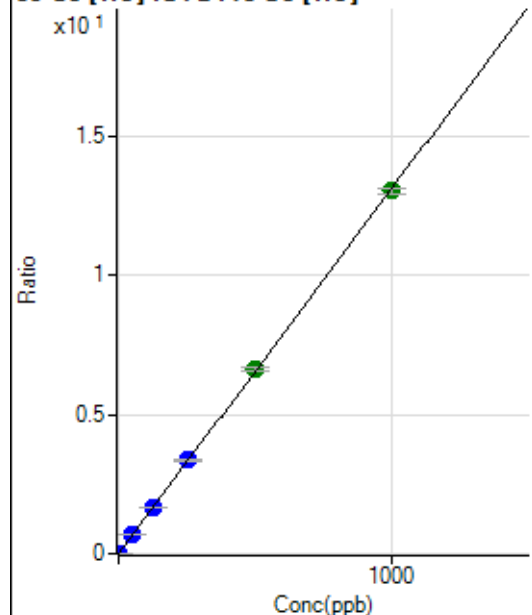
R = 0.9999

DL = 2.465

BEC = 29.06

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	127.78	0.0004	P	12.1
2	☐	1.000	1.130	4610.75	0.0152	P	1.8
3	☐	50.000	50.548	203623.75	0.6621	P	1.0
4	☐	125.000	127.326	484816.75	1.6672	P	0.4
5	☐	250.000	256.184	946123.41	3.3540	P	0.6
6	☐	500.000	506.876	1881778.30	6.6356	A	1.6
7	☐	1000.000	994.698	3799553.17	13.0214	A	1.3
8	☐			10773.95	0.0341	P	0.4

$$y = 0.0131 * x + 4.2382\text{E-}004$$

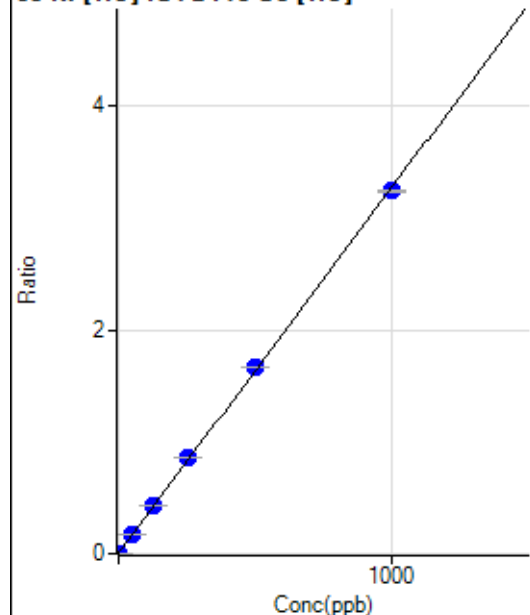
R = 0.9999

DL = 0.01172

BEC = 0.03238

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	777.80	0.0026	P	1.2
2	☐	1.000	0.927	1701.22	0.0056	P	3.5
3	☐	50.000	52.052	53132.61	0.1728	P	1.6
4	☐	125.000	132.132	126381.59	0.4346	P	0.9
5	☐	250.000	263.267	243545.50	0.8633	P	1.0
6	☐	500.000	508.123	471871.77	1.6639	P	0.2
7	☐	1000.000	991.628	946812.05	3.2448	P	0.8
8	☐			4608.53	0.0146	P	0.9

$$y = 0.0033 * x + 0.0026$$

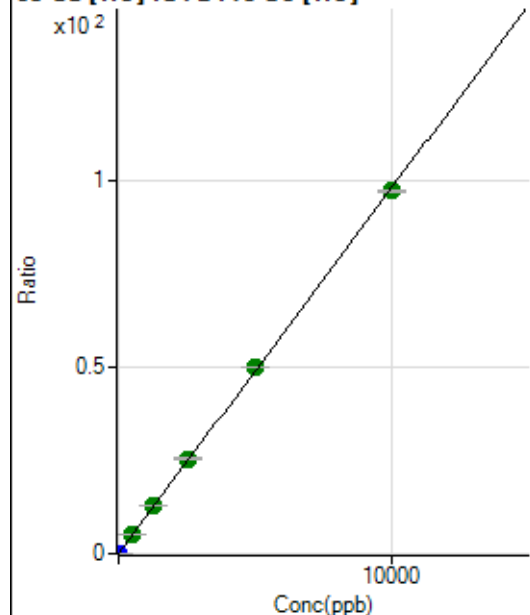
$$R = 0.9998$$

$$DL = 0.02942$$

$$BEC = 0.789$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3807.19	0.0126	P	2.0
2	☐	2.000	1.825	9259.60	0.0305	P	1.2
3	☐	500.000	511.434	1547781.96	5.0328	A	0.5
4	☐	1250.000	1306.189	3731988.45	12.8340	A	1.9
5	☐	2500.000	2599.518	7201890.87	25.5291	A	1.2
6	☐	5000.000	5087.763	14166501.59	49.9533	A	0.3
7	☐	10000.000	9923.643	28427372.63	97.4215	A	0.8
8	☐			8690.38	0.0275	P	2.0

$$y = 0.0098 * x + 0.0126$$

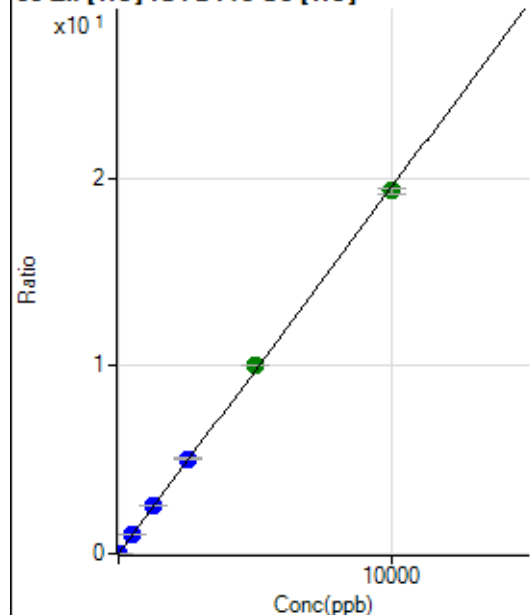
$$R = 0.9999$$

$$DL = 0.07895$$

$$BEC = 1.287$$

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	520.02	0.0017	P	7.4
2	☐	5.000	4.660	3278.17	0.0108	P	3.1
3	☐	500.000	509.651	306320.23	0.9961	P	1.0
4	☐	1250.000	1296.311	735965.91	2.5308	P	0.7
5	☐	2500.000	2596.885	1429716.00	5.0683	P	0.4
6	☐	5000.000	5136.641	2842571.00	10.0233	A	0.3
7	☐	10000.000	9901.187	5636999.43	19.3190	A	1.6
8	☐			9870.01	0.0312	P	3.7

$$y = 0.0020 * x + 0.0017$$

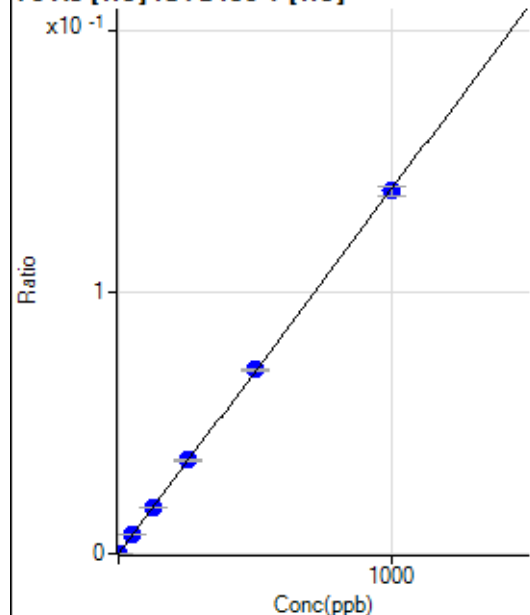
$$R = 0.9998$$

$$DL = 0.1953$$

$$BEC = 0.8837$$

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	11.11	0.0000	P	45.7
2	☐	1.000	1.132	416.67	0.0002	P	13.3
3	☐	50.000	51.599	18453.77	0.0072	P	3.0
4	☐	125.000	127.686	44045.22	0.0178	P	0.8
5	☐	250.000	256.555	85945.77	0.0358	P	2.2
6	☐	500.000	505.125	169149.62	0.0704	P	1.3
7	☐	1000.000	995.383	341887.49	0.1388	P	2.4
8	☐			205.56	0.0001	P	10.1

$$y = 1.3944E-004 * x + 4.4364E-006$$

$$R = 1.0000$$

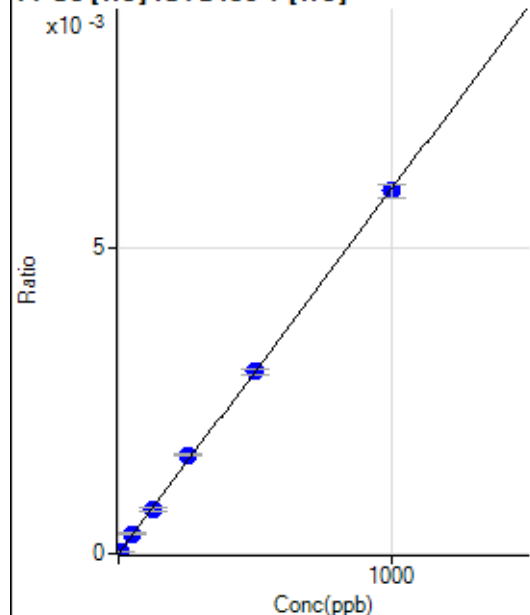
$$DL = 0.04363$$

$$BEC = 0.03181$$

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	5.520	84.44	0.0000	P	22.1
3	☐	50.000	53.204	812.26	0.0003	P	11.6
4	☐	125.000	121.349	1789.02	0.0007	P	7.8
5	☐	250.000	271.615	3888.32	0.0016	P	2.7
6	☐	500.000	499.293	7147.35	0.0030	P	3.4
7	☐	1000.000	995.243	14607.30	0.0059	P	4.0
8	☐			4.44	0.0000	P	43.4

$$y = 5.9602\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

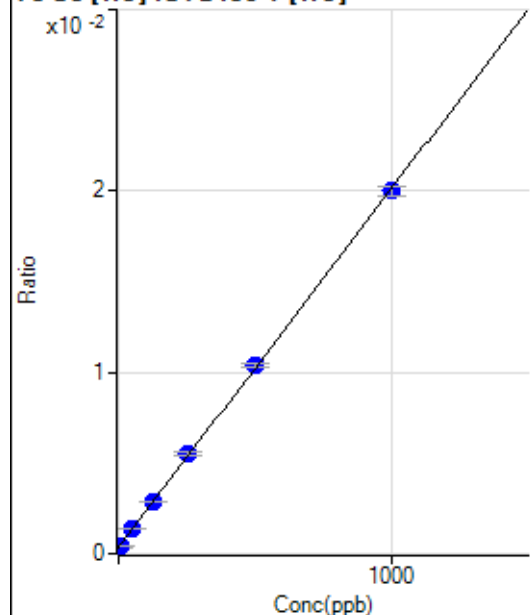
$$DL = 0$$

$$BEC = 0$$

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	884.48	0.0004	P	4.7
2	☐	5.000	5.072	1164.50	0.0005	P	6.4
3	☐	50.000	51.743	3528.23	0.0014	P	1.3
4	☐	125.000	127.482	7110.67	0.0029	P	1.3
5	☐	250.000	260.481	13227.18	0.0055	P	2.3
6	☐	500.000	506.717	24919.99	0.0104	P	2.1
7	☐	1000.000	993.624	49290.65	0.0200	P	2.8
8	☐			931.15	0.0004	P	5.5

$$y = 1.9785\text{E-}005 * x + 3.5301\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.513$$

$$BEC = 17.84$$

Weight: <None>

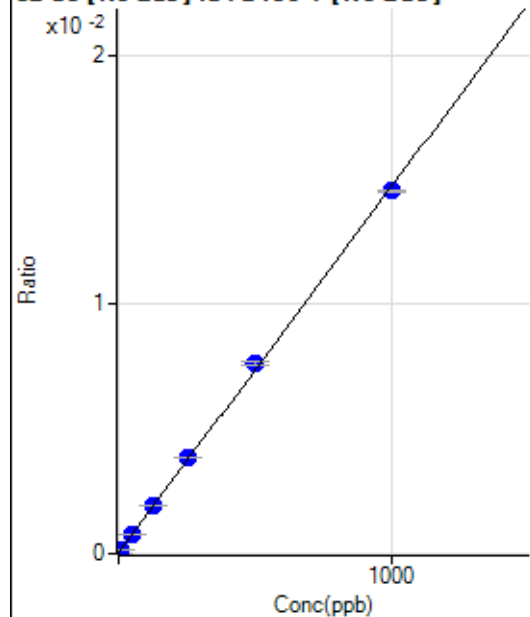
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30519.39		P	0.7
2	☐			31985.81		P	0.9
3	☐			31866.72		P	0.4
4	☐			30246.71		P	2.3
5	☐			27691.62		P	0.7
6	☐			27455.86		P	0.1
7	☐			27986.73		P	1.1
8	☐			30480.44		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			294.45		P	1.7
2	☐			237.78		P	12.1
3	☐			232.23		P	9.6
4	☐			240.00		P	6.4
5	☐			202.22		P	11.6
6	☐			201.11		P	22.3
7	☐			184.45		P	7.3
8	☐			203.34		P	10.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	279.47	0.0000	P	25.3
2	☐	5.000	5.967	1022.82	0.0001	P	4.0
3	☐	50.000	52.352	6614.20	0.0008	P	0.4
4	☐	125.000	129.333	15830.21	0.0019	P	1.4
5	☐	250.000	259.619	30197.62	0.0038	P	0.8
6	☐	500.000	516.880	57945.74	0.0076	P	1.5
7	☐	1000.000	988.491	116366.29	0.0145	P	0.8
8	☐			476.85	0.0001	P	12.5

$$y = 1.4677\text{E-}005 * x + 3.4044\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.762$$

$$BEC = 2.32$$

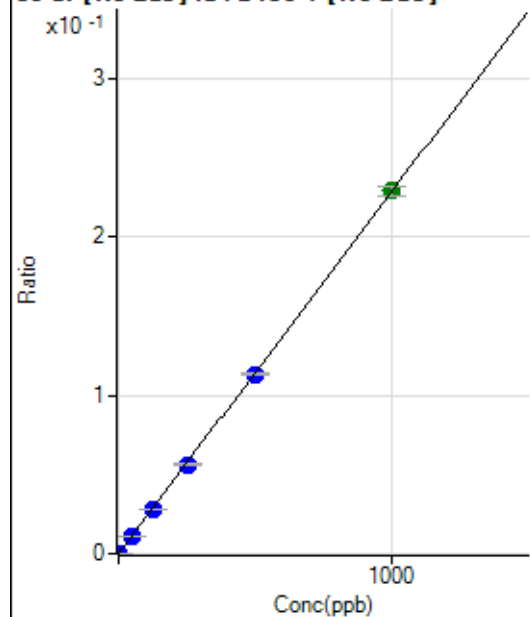
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			441.12		P	10.9
2	☐			423.34		P	2.8
3	☐			453.34		P	11.0
4	☐			406.67		P	7.5
5	☐			333.34		P	8.0
6	☐			376.68		P	4.7
7	☐			391.12		P	18.0
8	☐			476.68		P	14.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	656.69	0.0001	P	10.7
2	☐	1.000	1.076	2740.29	0.0003	P	1.4
3	☐	50.000	49.231	93382.75	0.0113	P	0.5
4	☐	125.000	123.442	231736.04	0.0283	P	0.7
5	☐	250.000	245.144	440614.77	0.0561	P	1.7
6	☐	500.000	496.199	862780.99	0.1135	P	1.3
7	☐	1000.000	1003.348	1835267.16	0.2293	A	2.6
8	☐			6796.07	0.0008	P	0.5

$$y = 2.2849\text{E-}004 * x + 7.9962\text{E-}005$$

$$R = 1.0000$$

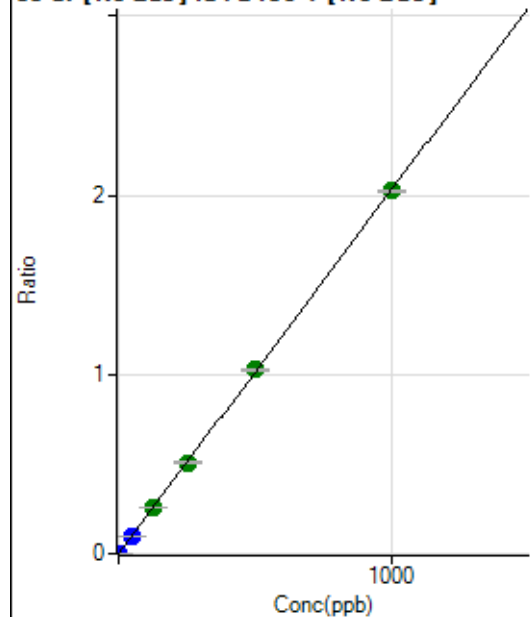
$$DL = 0.1126$$

$$BEC = 0.35$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	20.9
2	☐	1.000	1.058	18163.52	0.0022	P	1.5
3	☐	50.000	49.492	827886.89	0.1004	P	0.5
4	☐	125.000	126.237	2098725.30	0.2562	A	1.1
5	☐	250.000	250.753	3996805.84	0.5088	A	0.9
6	☐	500.000	504.926	7791165.44	1.0245	A	1.9
7	☐	1000.000	997.220	16191760.73	2.0234	A	0.6
8	☐			55689.41	0.0066	P	1.9

$$y = 0.0020 * x + 1.3528\text{E-}005$$

$$R = 1.0000$$

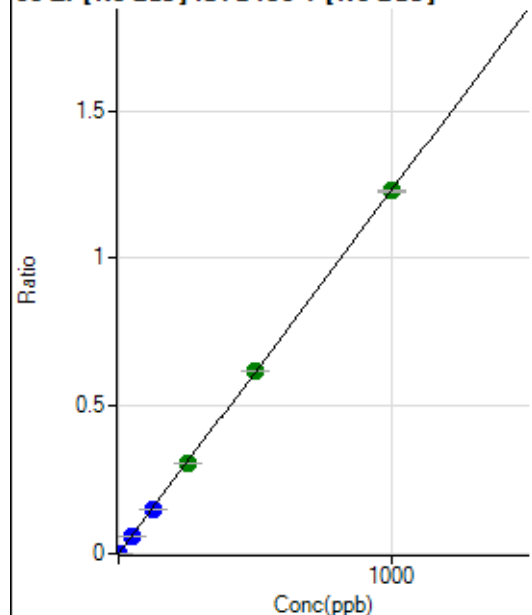
$$DL = 0.004181$$

$$BEC = 0.006667$$

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	324.45	0.0000	P	5.1
2	☐	1.000	1.016	10847.43	0.0013	P	0.6
3	☐	50.000	49.358	500905.04	0.0608	P	0.6
4	☐	125.000	122.881	1238973.31	0.1512	P	0.6
5	☐	250.000	249.483	2411507.08	0.3070	A	1.4
6	☐	500.000	503.295	4709579.72	0.6193	A	0.6
7	☐	1000.000	998.778	9833941.17	1.2289	A	0.4
8	☐			4767.48	0.0006	P	2.8

$$y = 0.0012 * x + 3.9509E-005$$

$$R = 1.0000$$

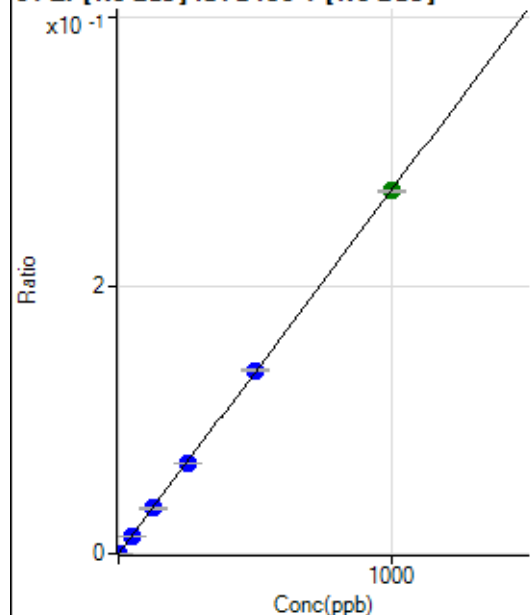
$$DL = 0.004874$$

$$BEC = 0.03211$$

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	65.56	0.0000	P	7.7
2	☐	1.000	1.037	2429.11	0.0003	P	4.2
3	☐	50.000	49.532	110725.78	0.0134	P	1.0
4	☐	125.000	124.615	276774.66	0.0338	P	1.3
5	☐	250.000	248.585	529288.00	0.0674	P	1.6
6	☐	500.000	504.360	1039603.46	0.1367	P	1.3
7	☐	1000.000	998.245	2165176.20	0.2706	A	0.7
8	☐			1022.27	0.0001	P	2.6

$$y = 2.7104E-004 * x + 7.9832E-006$$

$$R = 1.0000$$

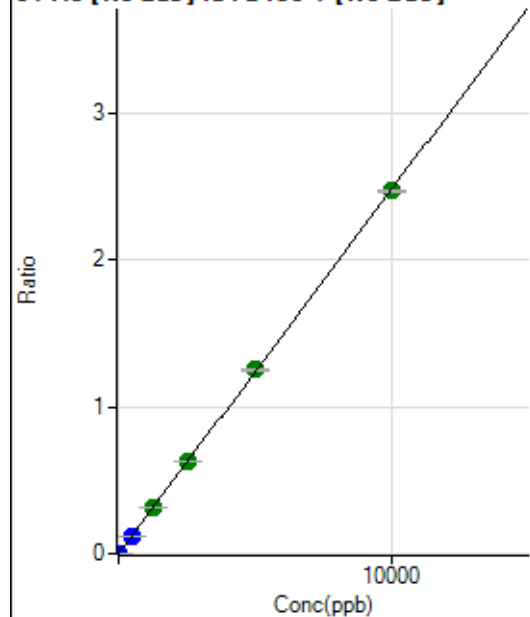
$$DL = 0.006822$$

$$BEC = 0.02945$$

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	192.22	0.0000	P	24.2
2	☐	5.000	6.153	13022.55	0.0015	P	1.5
3	☐	500.000	493.825	1009376.23	0.1225	P	0.6
4	☐	1250.000	1263.624	2566834.67	0.3133	A	1.0
5	☐	2500.000	2523.432	4914421.77	0.6256	A	1.1
6	☐	5000.000	5056.186	9533166.94	1.2536	A	0.8
7	☐	10000.000	9964.654	19770055.82	2.4705	A	0.9
8	☐			4783.05	0.0006	P	3.2

$$y = 2.4792\text{E-}004 * x + 2.3406\text{E-}005$$

$$R = 1.0000$$

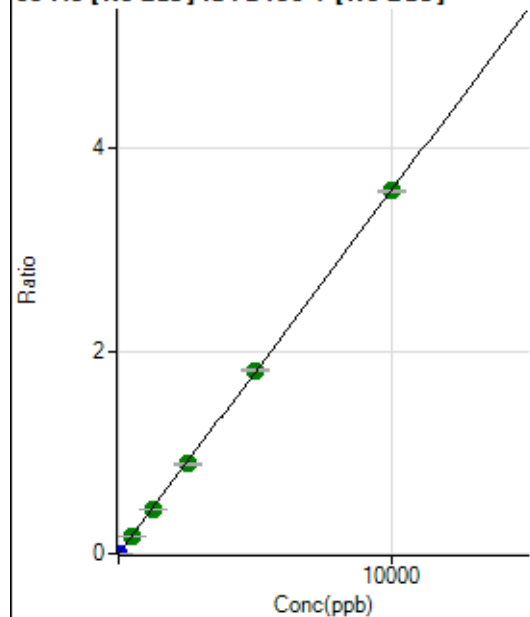
$$DL = 0.06852$$

$$BEC = 0.09441$$

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	98.89	0.0000	P	52.3
2	☐	5.000	5.216	15834.23	0.0019	P	1.8
3	☐	500.000	489.901	1448947.01	0.1758	A	0.8
4	☐	1250.000	1236.311	3634220.23	0.4436	A	0.3
5	☐	2500.000	2480.901	6991154.41	0.8901	A	2.5
6	☐	5000.000	5043.803	13761409.66	1.8096	A	1.2
7	☐	10000.000	9985.089	28668048.74	3.5825	A	0.5
8	☐			3841.65	0.0005	P	3.0

$$y = 3.5878\text{E-}004 * x + 1.2039\text{E-}005$$

$$R = 1.0000$$

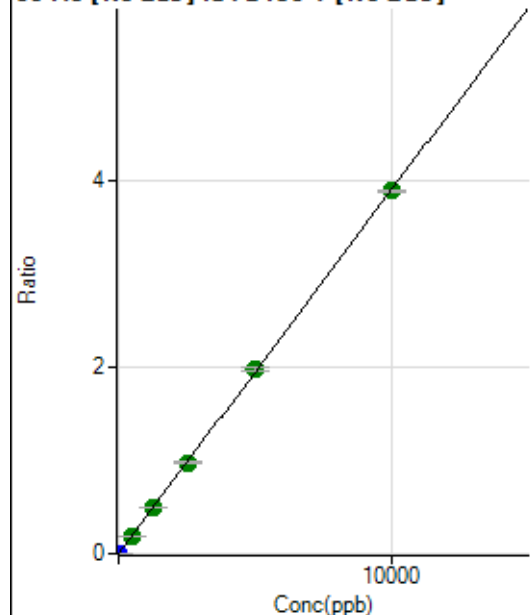
$$DL = 0.0527$$

$$BEC = 0.03355$$

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	228.89	0.0000	P	28.2
2	☐	5.000	5.254	17464.94	0.0021	P	1.7
3	☐	500.000	494.652	1590497.67	0.1930	A	0.7
4	☐	1250.000	1252.531	4002695.22	0.4885	A	0.6
5	☐	2500.000	2498.506	7654211.97	0.9745	A	1.7
6	☐	5000.000	5057.394	14999391.58	1.9725	A	1.7
7	☐	10000.000	9971.627	31121654.26	3.8892	A	0.7
8	☐			19495.40	0.0023	P	1.9

$$y = 3.9002\text{E-}004 * x + 2.7867\text{E-}005$$

$$R = 1.0000$$

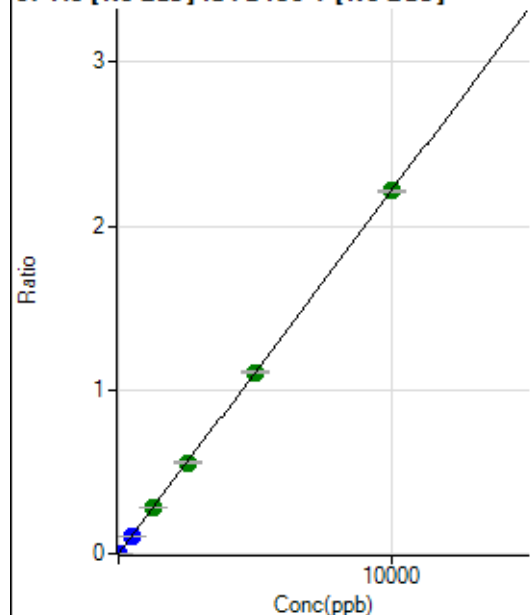
$$DL = 0.06055$$

$$BEC = 0.07145$$

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	68.89	0.0000	P	33.8
2	☐	5.000	5.150	9659.94	0.0011	P	0.6
3	☐	500.000	494.520	902678.74	0.1095	P	0.8
4	☐	1250.000	1270.460	2304961.41	0.2813	A	0.6
5	☐	2500.000	2496.151	4341307.64	0.5527	A	2.2
6	☐	5000.000	5002.965	8424826.61	1.1078	A	0.8
7	☐	10000.000	9997.196	17714603.76	2.2137	A	0.4
8	☐			2689.16	0.0003	P	0.9

$$y = 2.2143\text{E-}004 * x + 8.3859\text{E-}006$$

$$R = 1.0000$$

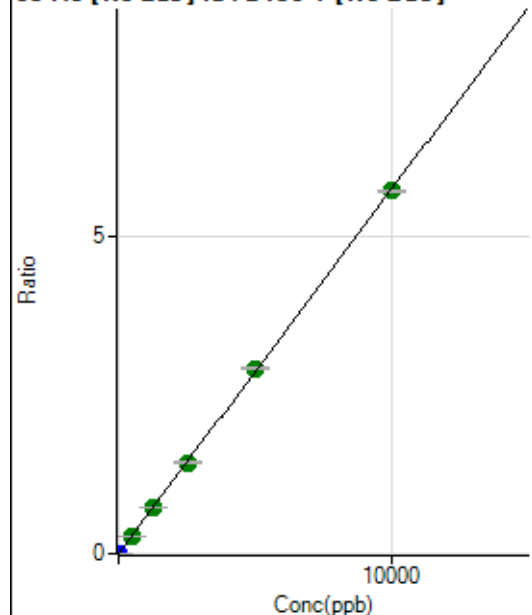
$$DL = 0.03842$$

$$BEC = 0.03787$$

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	145.56	0.0000	P	58.4
2	☐	5.000	5.163	25012.68	0.0030	P	1.4
3	☐	500.000	498.121	2352121.70	0.2853	A	0.2
4	☐	1250.000	1249.745	5865541.02	0.7159	A	1.4
5	☐	2500.000	2486.834	11188025.94	1.4245	A	2.4
6	☐	5000.000	5089.080	22168424.67	2.9151	A	1.0
7	☐	10000.000	9958.877	45649324.32	5.7046	A	0.5
8	☐			5896.79	0.0007	P	2.0

$$y = 5.7281\text{E-}004 * x + 1.7717\text{E-}005$$

$$R = 0.9999$$

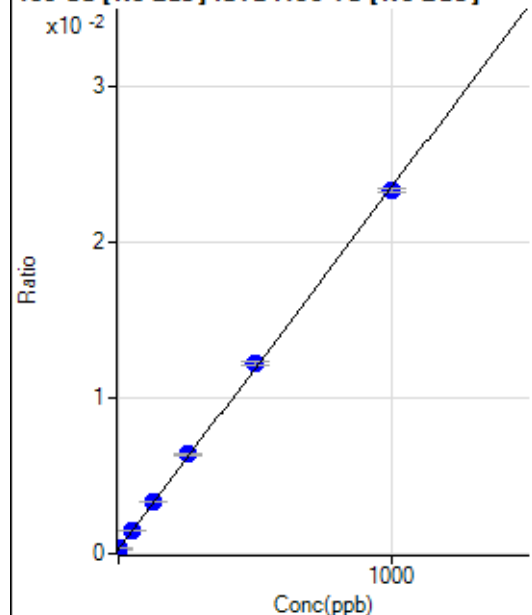
$$DL = 0.05421$$

$$BEC = 0.03093$$

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	1856.81	0.0003	P	4.6
2	☐	1.000	1.865	2192.41	0.0003	P	9.1
3	☐	50.000	52.996	10135.85	0.0015	P	1.6
4	☐	125.000	132.153	22678.91	0.0034	P	1.1
5	☐	250.000	261.586	41527.05	0.0064	P	1.6
6	☐	500.000	512.234	78459.44	0.0122	P	2.0
7	☐	1000.000	989.942	158924.03	0.0233	P	1.0
8	☐			1993.49	0.0003	P	4.3

$$y = 2.3270\text{E-}005 * x + 2.8383\text{E-}004$$

$$R = 0.9998$$

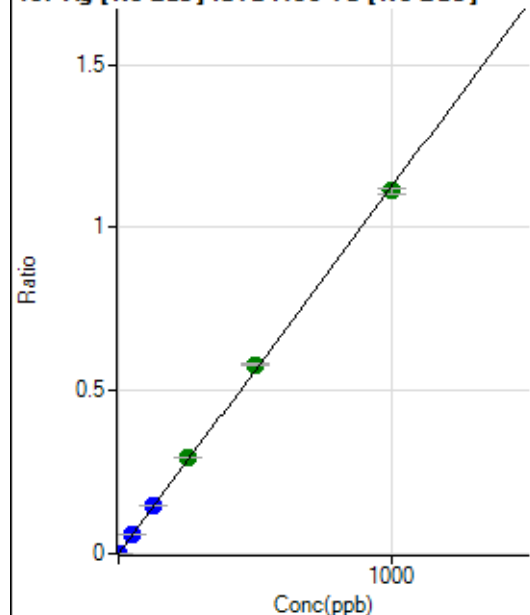
$$DL = 1.688$$

$$BEC = 12.2$$

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	44.44	0.0000	P	55.3
2	☐	1.000	1.098	8319.12	0.0012	P	1.7
3	☐	50.000	53.340	400798.97	0.0600	P	0.3
4	☐	125.000	131.246	996460.74	0.1476	P	1.2
5	☐	250.000	262.137	1921406.05	0.2948	A	1.0
6	☐	500.000	514.227	3717814.88	0.5782	A	1.2
7	☐	1000.000	988.905	7578466.49	1.1120	A	1.7
8	☐			517.79	0.0001	P	10.3

$$y = 0.0011 * x + 6.7732E-006$$

$$R = 0.9998$$

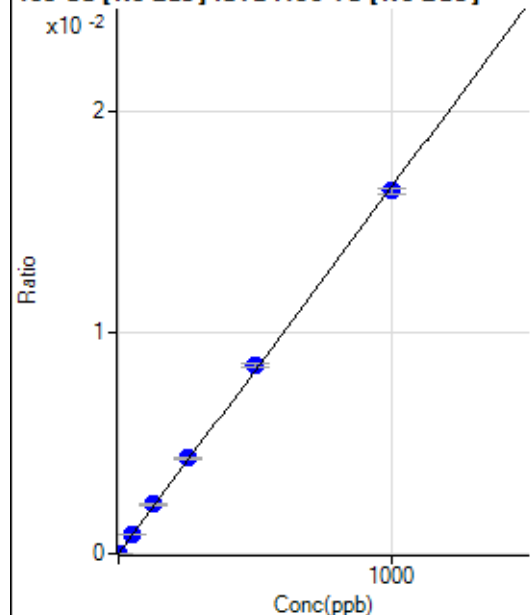
$$DL = 0.009986$$

$$BEC = 0.006024$$

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	15.55	0.0000	P	43.1
2	☐	1.000	1.060	133.34	0.0000	P	6.2
3	☐	50.000	53.122	5889.03	0.0009	P	3.7
4	☐	125.000	134.105	14997.86	0.0022	P	1.6
5	☐	250.000	261.020	28166.21	0.0043	P	2.0
6	☐	500.000	512.761	54558.84	0.0085	P	1.7
7	☐	1000.000	989.570	111591.92	0.0164	P	1.7
8	☐			54.44	0.0000	P	43.8

$$y = 1.6545E-005 * x + 2.3662E-006$$

$$R = 0.9998$$

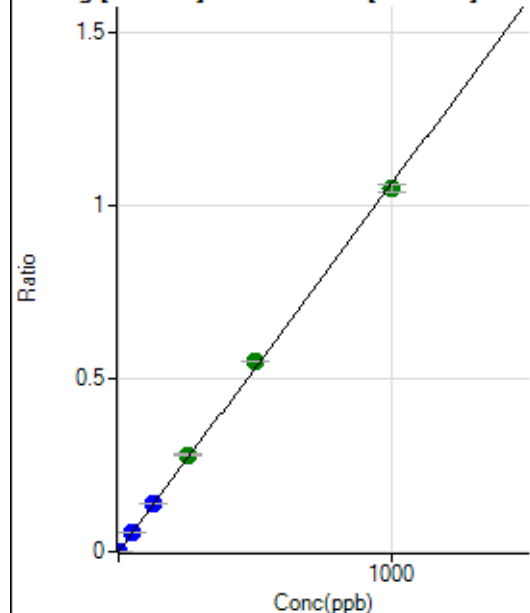
$$DL = 0.185$$

$$BEC = 0.143$$

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	20.00	0.0000	P	32.5
2	☐	1.000	1.139	8111.24	0.0012	P	1.2
3	☐	50.000	53.258	377469.92	0.0565	P	0.9
4	☐	125.000	131.142	939236.19	0.1391	P	0.6
5	☐	250.000	263.110	1819181.83	0.2791	A	1.3
6	☐	500.000	518.605	3536942.55	0.5501	A	0.6
7	☐	1000.000	986.489	7131056.21	1.0464	A	2.0
8	☐			462.24	0.0001	P	2.3

$$y = 0.0011 * x + 3.0517E-006$$

$$R = 0.9996$$

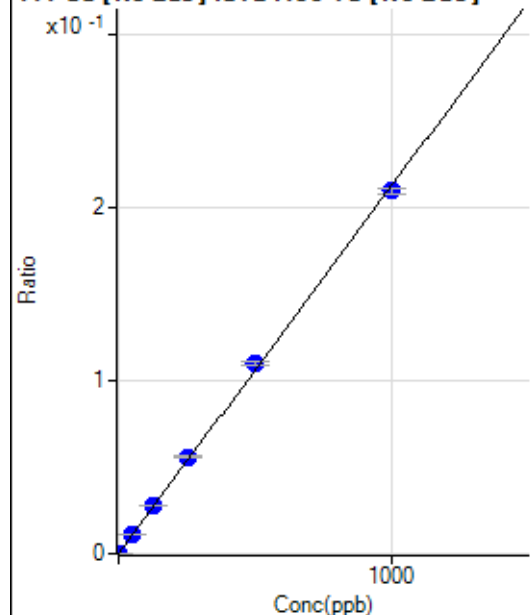
$$DL = 0.002805$$

$$BEC = 0.002877$$

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	52.92	0.0000	P	22.9
2	☐	1.000	1.120	1648.41	0.0002	P	5.2
3	☐	50.000	54.519	77458.69	0.0116	P	1.2
4	☐	125.000	132.542	190221.39	0.0282	P	0.5
5	☐	250.000	263.605	365175.79	0.0560	P	0.6
6	☐	500.000	517.596	707169.57	0.1100	P	2.1
7	☐	1000.000	986.632	1428884.82	0.2097	P	1.3
8	☐			233.99	0.0000	P	15.7

$$y = 2.1250E-004 * x + 8.1029E-006$$

$$R = 0.9997$$

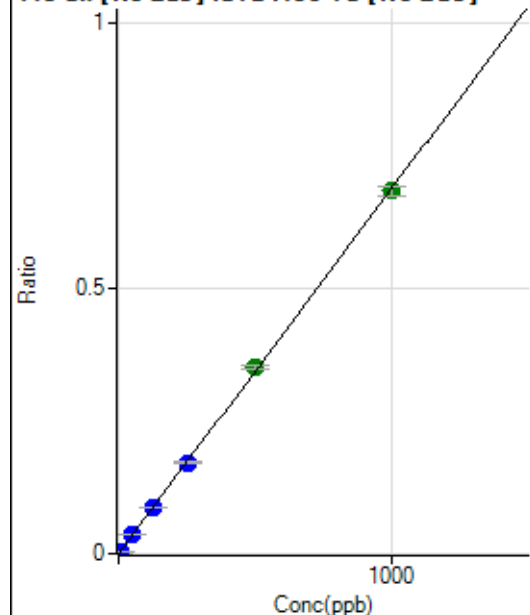
$$DL = 0.02616$$

$$BEC = 0.03813$$

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	1104.50	0.0002	P	2.9
2	☐	5.000	5.564	26788.30	0.0040	P	0.5
3	☐	50.000	51.173	236529.00	0.0354	P	1.0
4	☐	125.000	126.722	590203.57	0.0874	P	0.7
5	☐	250.000	249.586	1121175.54	0.1720	P	0.9
6	☐	500.000	511.014	2263041.06	0.3520	A	1.7
7	☐	1000.000	994.320	4666245.52	0.6847	A	2.3
8	☐			1560.10	0.0002	P	1.5

$$y = 6.8848\text{E-}004 * x + 1.6880\text{E-}004$$

$$R = 0.9999$$

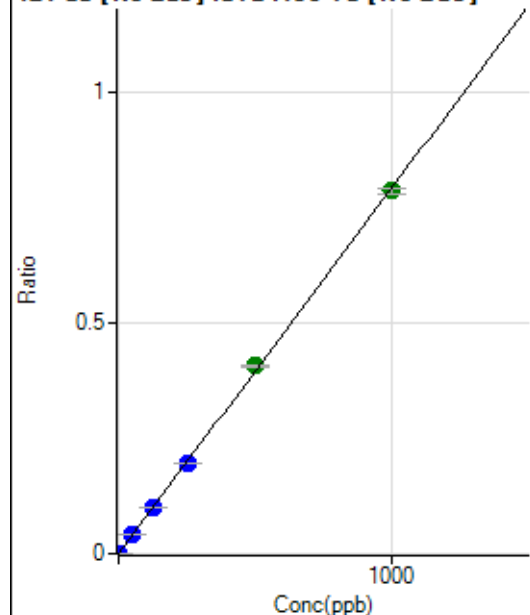
$$DL = 0.02097$$

$$BEC = 0.2452$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	1.6
2	☐	2.000	2.188	11625.89	0.0017	P	0.9
3	☐	50.000	50.590	267462.95	0.0400	P	0.7
4	☐	125.000	124.849	666939.07	0.0988	P	0.9
5	☐	250.000	248.638	1282276.92	0.1967	P	0.9
6	☐	500.000	513.863	2613819.87	0.4066	A	1.7
7	☐	1000.000	993.398	5356268.88	0.7859	A	1.5
8	☐			2271.31	0.0003	P	1.8

$$y = 7.9116\text{E-}004 * x + 4.5843\text{E-}006$$

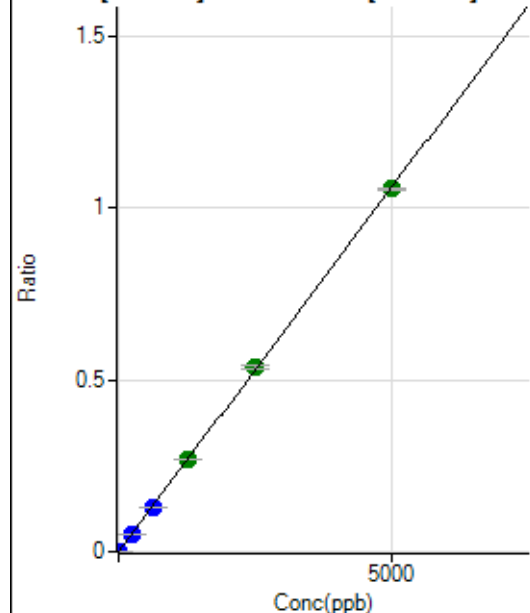
$$R = 0.9999$$

$$DL = 0.0002782$$

$$BEC = 0.005794$$

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	27.78	0.0000	P	29.3
2	☐	10.000	10.281	14607.59	0.0022	P	4.3
3	☐	250.000	246.449	348641.09	0.0522	P	0.6
4	☐	625.000	609.424	871156.48	0.1290	P	0.7
5	☐	1250.000	1265.818	1746828.05	0.2680	A	0.1
6	☐	2500.000	2531.461	3445640.75	0.5359	A	1.8
7	☐	5000.000	4982.439	7188925.17	1.0548	A	0.5
8	☐			2799.19	0.0004	P	8.8

$$y = 2.1171\text{E-}004 * x + 4.2560\text{E-}006$$

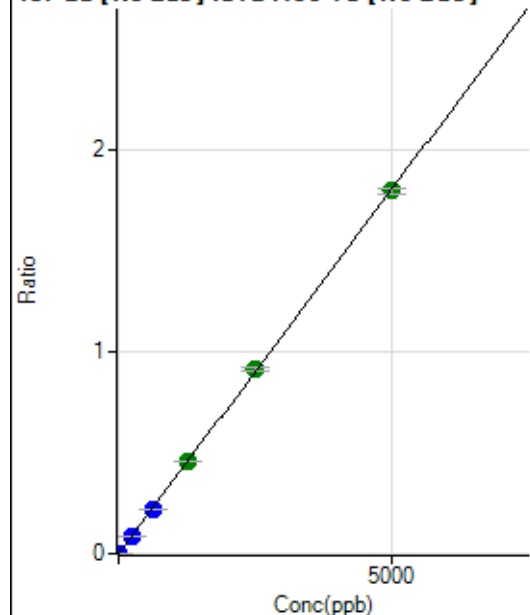
$$R = 1.0000$$

$$DL = 0.0177$$

$$BEC = 0.0201$$

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	63.34	0.0000	P	7.8
2	☐	10.000	10.657	25822.39	0.0039	P	0.3
3	☐	250.000	246.573	594526.36	0.0890	P	0.6
4	☐	625.000	612.276	1491692.20	0.2209	P	1.0
5	☐	1250.000	1271.258	2990027.42	0.4587	A	0.5
6	☐	2500.000	2527.044	5862325.19	0.9118	A	2.0
7	☐	5000.000	4982.924	12253503.29	1.7980	A	1.9
8	☐			4751.95	0.0007	P	2.3

$$y = 3.6083\text{E-}004 * x + 9.6698\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006248$$

$$BEC = 0.0268$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			11.11		P	75.5
3	☐			23.33		P	37.8
4	☐			63.33		P	27.8
5	☐			81.11		P	15.6
6	☐			155.56		P	11.8
7	☐			354.45		P	2.0
8	☐			122.23		P	20.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			7.78		P	24.7
4	☐			12.22		P	56.8
5	☐			35.56		P	48.1
6	☐			50.00		P	48.1
7	☐			93.33		P	21.4
8	☐			73.33		P	7.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐			5.56		P	34.7
3	☐			13.33		P	50.0
4	☐			24.45		P	28.4
5	☐			23.33		P	86.9
6	☐			57.78		P	17.6
7	☐			115.56		P	13.6
8	☐			164.45		P	14.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	0.0
3	☐			15.56		P	65.5
4	☐			54.44		P	3.5
5	☐			101.11		P	14.9
6	☐			196.67		P	13.2
7	☐			366.67		P	13.4
8	☐			147.78		P	21.3

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

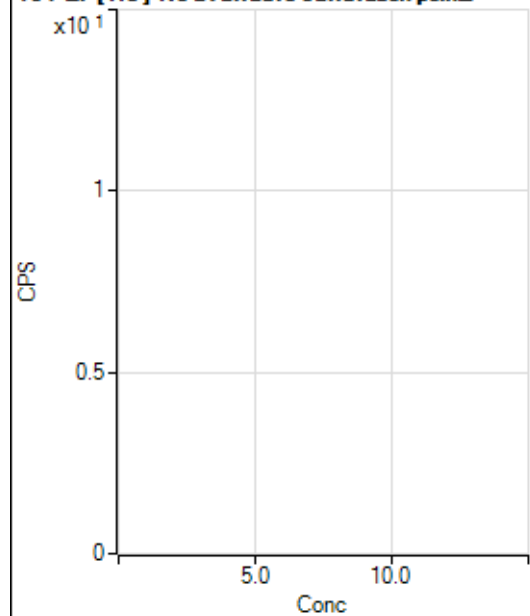
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	7.5
2	☐			34.44		P	14.8
3	☐			34.45		P	20.1
4	☐			34.44		P	14.8
5	☐			27.78		P	13.9
6	☐			58.89		P	33.2
7	☐			96.67		P	26.0
8	☐			193.34		P	12.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			258.89		P	15.4
2	☐			273.34		P	3.2
3	☐			301.12		P	9.4
4	☐			276.67		P	5.5
5	☐			283.34		P	16.2
6	☐			285.56		P	5.3
7	☐			290.01		P	6.4
8	☐			467.79		P	12.8

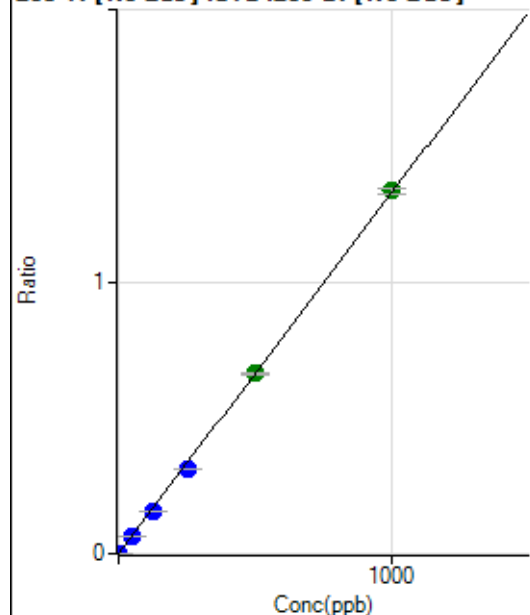
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	15.5
2	☐			41.11		P	46.8
3	☐			52.22		P	19.5
4	☐			41.11		P	58.7
5	☐			61.11		P	30.0
6	☐			68.89		P	39.1
7	☐			121.11		P	35.5
8	☐			252.23		P	12.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	16.4
2	☐			38.89		P	51.7
3	☐			30.00		P	22.2
4	☐			60.00		P	19.2
5	☐			43.33		P	30.8
6	☐			90.00		P	17.0
7	☐			104.45		P	19.5
8	☐			224.45		P	7.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.56	0.0001	P	10.4
2	☐	1.000	0.961	5297.75	0.0013	P	4.0
3	☐	50.000	47.338	247343.90	0.0628	P	0.3
4	☐	125.000	117.277	624543.55	0.1556	P	0.5
5	☐	250.000	235.301	1217922.69	0.3122	P	0.7
6	☐	500.000	498.567	2576753.02	0.6614	A	1.3
7	☐	1000.000	1005.490	5275576.45	1.3338	A	1.3
8	☐			516.68	0.0001	P	13.2

$$y = 0.0013 * x + 5.8202E-005$$

$$R = 0.9999$$

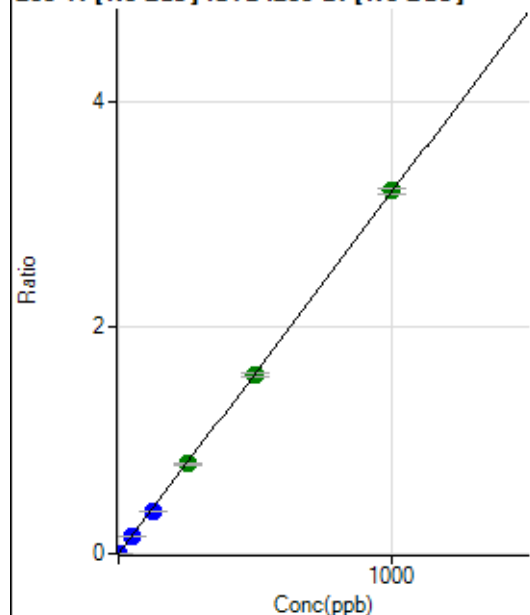
$$DL = 0.01368$$

$$BEC = 0.04388$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.79	0.0001	P	13.5
2	☐	1.000	0.964	12740.49	0.0032	P	3.0
3	☐	50.000	46.575	586105.20	0.1489	P	1.0
4	☐	125.000	116.220	1490782.84	0.3715	P	0.6
5	☐	250.000	248.258	3095451.66	0.7933	A	0.8
6	☐	500.000	494.817	6158869.98	1.5811	A	2.0
7	☐	1000.000	1004.296	12692729.53	3.2090	A	1.5
8	☐			1220.07	0.0003	P	6.8

$$y = 0.0032 * x + 1.2342E-004$$

$$R = 0.9999$$

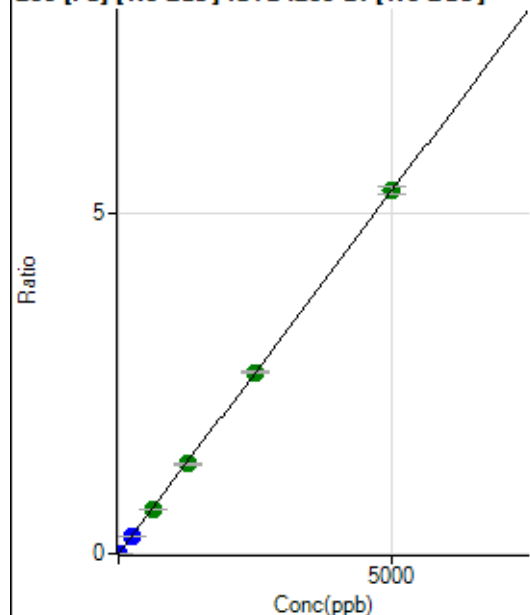
$$DL = 0.01559$$

$$BEC = 0.03863$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	841.15	0.0002	P	6.8
2	☐	1.000	0.986	5045.44	0.0013	P	2.0
3	☐	250.000	235.234	988480.13	0.2512	P	0.7
4	☐	625.000	613.251	2626493.94	0.6545	A	0.9
5	☐	1250.000	1235.317	5143143.22	1.3181	A	1.0
6	☐	2500.000	2499.806	10389248.46	2.6671	A	1.1
7	☐	5000.000	5005.974	21124022.18	5.3409	A	2.1
8	☐			9889.25	0.0026	P	2.6

$$y = 0.0011 * x + 2.1701E-004$$

$$R = 1.0000$$

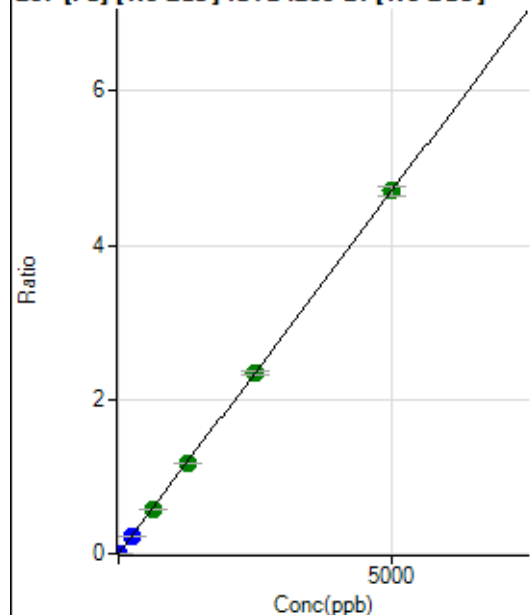
$$DL = 0.04155$$

$$BEC = 0.2034$$

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	706.69	0.0002	P	4.9
2	☐	1.000	0.985	4405.21	0.0011	P	2.2
3	☐	250.000	230.319	852438.18	0.2166	P	0.8
4	☐	625.000	615.491	2322003.11	0.5786	A	0.1
5	☐	1250.000	1245.562	4567345.56	1.1706	A	0.3
6	☐	2500.000	2493.652	9128450.77	2.3434	A	1.4
7	☐	5000.000	5006.456	18606428.61	4.7047	A	2.8
8	☐			8514.94	0.0023	P	1.8

$$y = 9.3969E-004 * x + 1.8236E-004$$

$$R = 1.0000$$

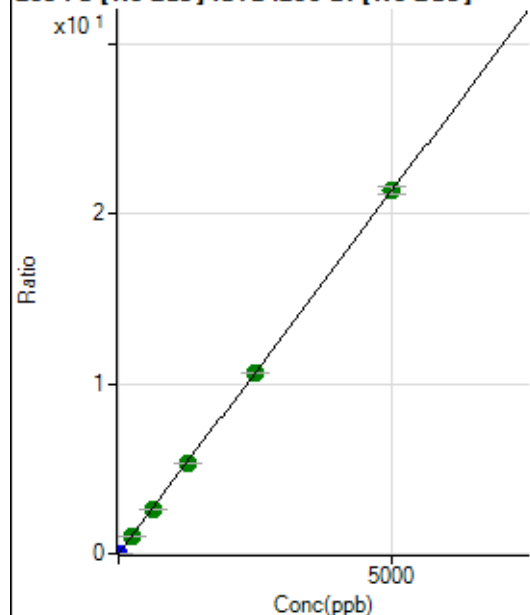
$$DL = 0.02878$$

$$BEC = 0.1941$$

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	3259.08	0.0008	P	3.3
2	☐	1.000	0.980	19973.70	0.0050	P	0.7
3	☐	250.000	240.307	4040049.74	1.0266	A	0.3
4	☐	625.000	619.854	10621635.92	2.6466	A	0.6
5	☐	1250.000	1246.101	20755185.14	5.3197	A	0.1
6	☐	2500.000	2493.519	41463689.18	10.6442	A	0.6
7	☐	5000.000	5005.343	84502774.57	21.3656	A	2.3
8	☐			39407.20	0.0105	P	1.1

$$y = 0.0043 * x + 8.4101E-004$$

$$R = 1.0000$$

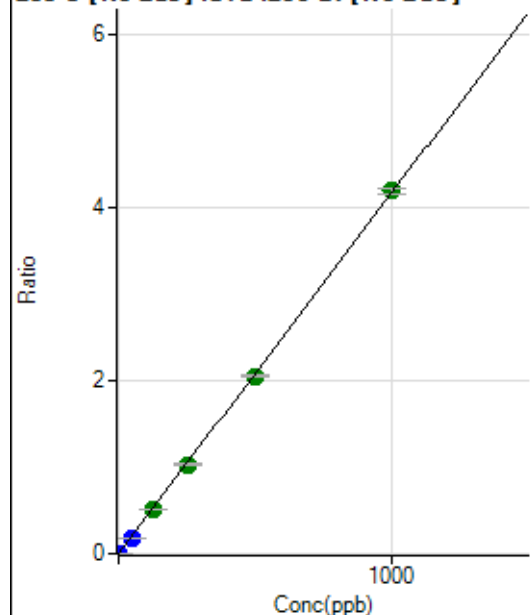
$$DL = 0.01976$$

$$BEC = 0.197$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	66.6
2	☐	1.000	0.964	15997.47	0.0040	P	2.0
3	☐	50.000	44.738	733735.64	0.1865	P	1.2
4	☐	125.000	120.781	2020120.28	0.5034	A	0.8
5	☐	250.000	247.863	4030036.78	1.0330	A	1.7
6	☐	500.000	491.126	7973205.02	2.0468	A	1.0
7	☐	1000.000	1005.762	16578482.67	4.1915	A	1.7
8	☐			478.90	0.0001	P	16.2

$$y = 0.0042 * x + 7.4865E-006$$

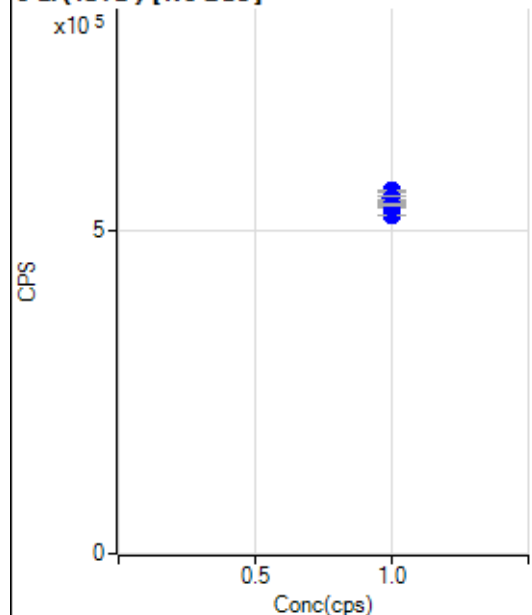
$$R = 0.9999$$

$$DL = 0.003591$$

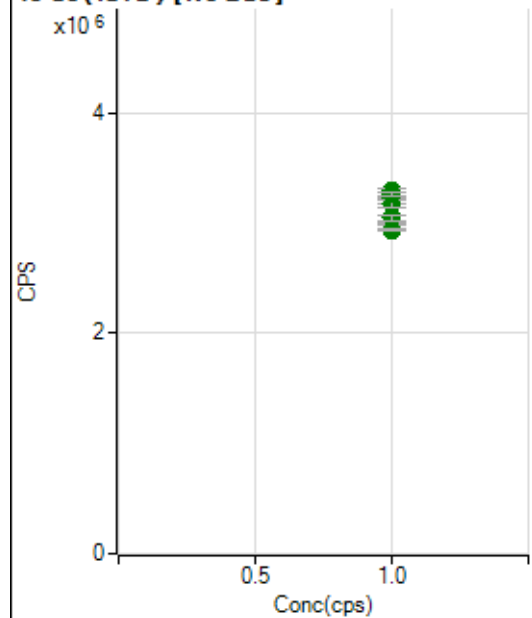
$$BEC = 0.001796$$

Weight: <None>

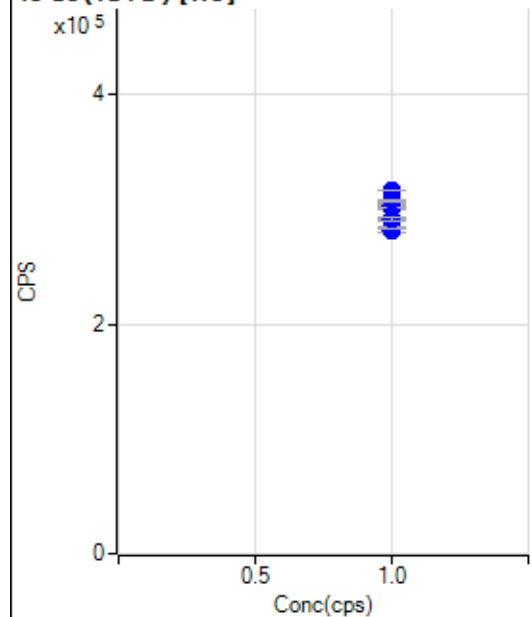
Min Conc: 0

6 Li (ISTD) [No Gas]

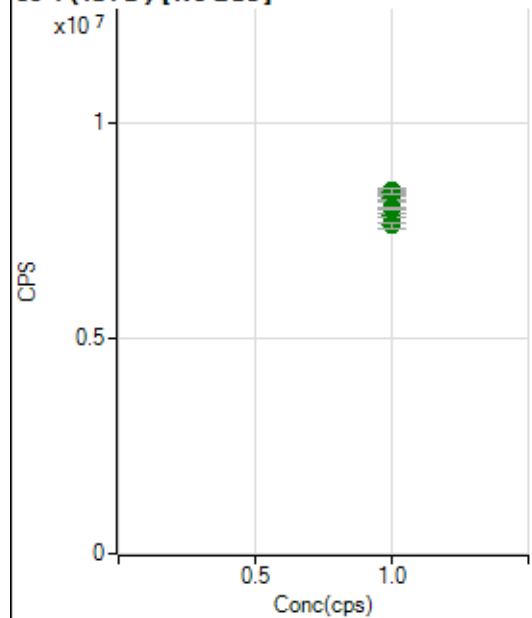
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		524352.87		P	0.3
2	☐	1.000		542554.62		P	0.6
3	☐	1.000		545843.29		P	0.3
4	☐	1.000		561979.56		P	0.8
5	☐	1.000		550576.20		P	0.8
6	☐	1.000		539893.74		P	0.5
7	☐	1.000		537296.11		P	0.6
8	☐	1.000		540465.40		P	0.6

45 Sc (ISTD) [No Gas]

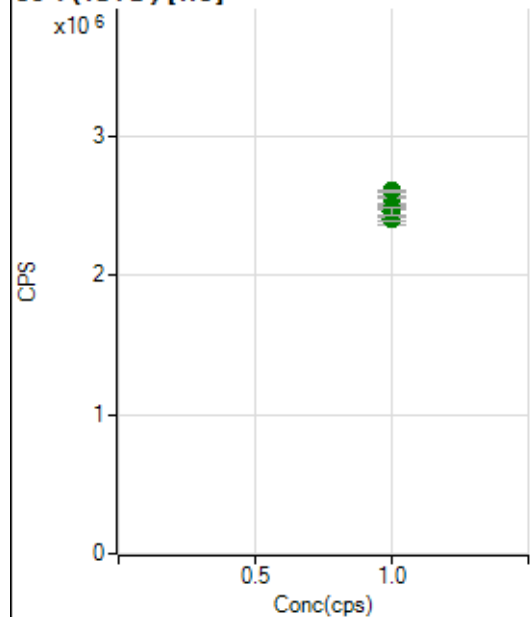
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3204824.26		A	1.6
2	☐	1.000		3292911.58		A	1.0
3	☐	1.000		3230268.98		A	0.7
4	☐	1.000		3174460.61		A	1.8
5	☐	1.000		2996613.57		A	0.3
6	☐	1.000		2938207.91		A	0.3
7	☐	1.000		3050656.24		A	1.5
8	☐	1.000		3263458.80		A	0.8

45 Sc (ISTD) [He]

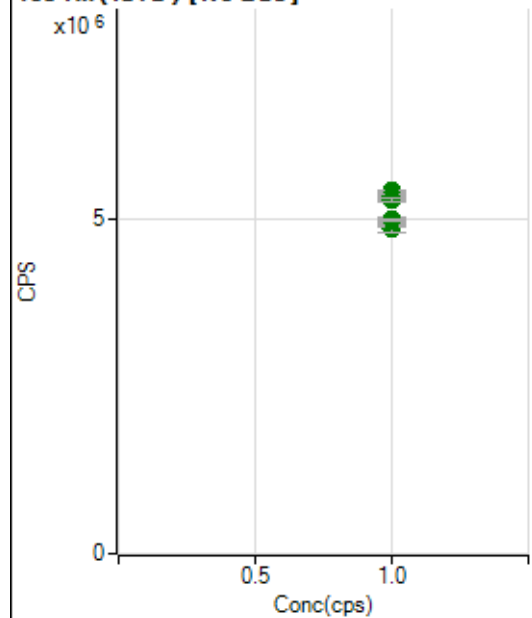
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		301501.68		P	0.7
2	☐	1.000		303153.54		P	0.9
3	☐	1.000		307538.25		P	0.3
4	☐	1.000		290804.65		P	0.5
5	☐	1.000		282098.96		P	1.2
6	☐	1.000		283593.34		P	0.4
7	☐	1.000		291812.15		P	0.9
8	☐	1.000		315908.47		P	0.1

89 Y (ISTD) [No Gas]

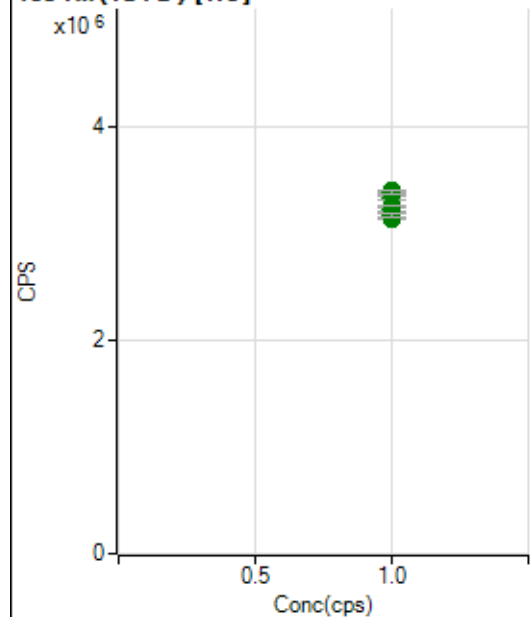
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8211637.86		A	0.2
2	☐	1.000		8408413.90		A	0.8
3	☐	1.000		8243068.21		A	0.6
4	☐	1.000		8192966.68		A	0.6
5	☐	1.000		7855444.60		A	1.3
6	☐	1.000		7605393.64		A	1.5
7	☐	1.000		8002189.81		A	0.6
8	☐	1.000		8380575.57		A	1.6

89 Y (ISTD) [He]

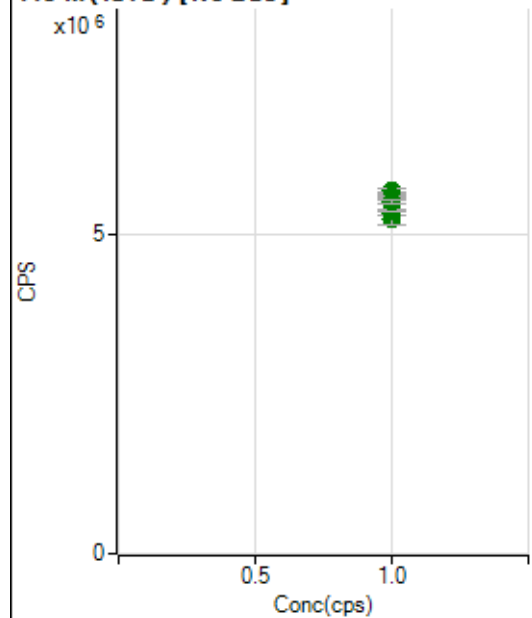
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2505296.79		A	0.6
2	☐	1.000		2568005.12		A	0.5
3	☐	1.000		2562831.99		A	0.7
4	☐	1.000		2473105.75		A	0.4
5	☐	1.000		2403164.70		A	3.1
6	☐	1.000		2401496.47		A	1.1
7	☐	1.000		2463895.10		A	2.1
8	☐	1.000		2609124.22		A	0.3

103 Rh (ISTD) [No Gas]

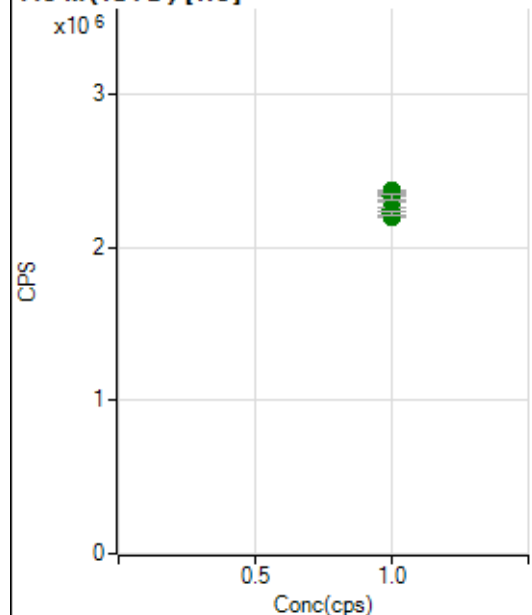
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5317632.14		A	1.0
2	☐	1.000		5410123.46		A	0.7
3	☐	1.000		5340183.25		A	0.9
4	☐	1.000		5281015.65		A	0.8
5	☐	1.000		4967410.52		A	1.1
6	☐	1.000		4832752.63		A	1.5
7	☐	1.000		4961778.57		A	2.1
8	☐	1.000		4975767.81		A	0.5

103 Rh (ISTD) [He]

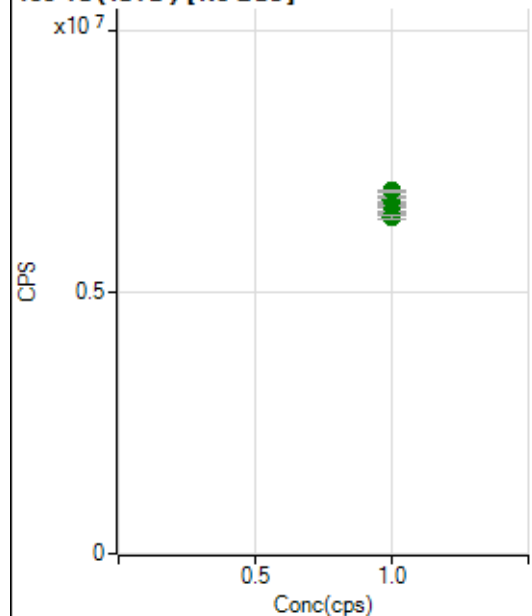
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3329397.66		A	1.0
2	☐	1.000		3394694.25		A	0.3
3	☐	1.000		3378950.61		A	1.0
4	☐	1.000		3248597.03		A	0.2
5	☐	1.000		3222145.06		A	1.9
6	☐	1.000		3135782.73		A	0.2
7	☐	1.000		3175463.67		A	1.7
8	☐	1.000		3163328.36		A	0.9

115 In (ISTD) [No Gas]

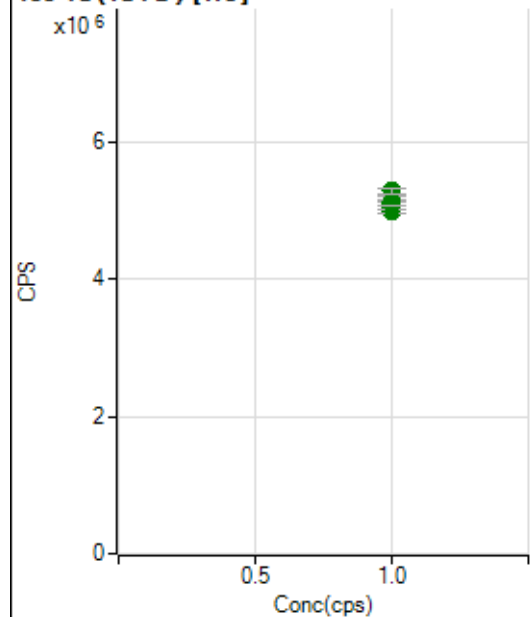
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5601296.18		A	0.6
2	☐	1.000		5670220.79		A	1.1
3	☐	1.000		5594610.98		A	0.5
4	☐	1.000		5578652.39		A	0.7
5	☐	1.000		5327007.32		A	1.5
6	☐	1.000		5222726.93		A	2.7
7	☐	1.000		5359841.86		A	0.5
8	☐	1.000		5491932.55		A	1.2

115 In (ISTD) [He]

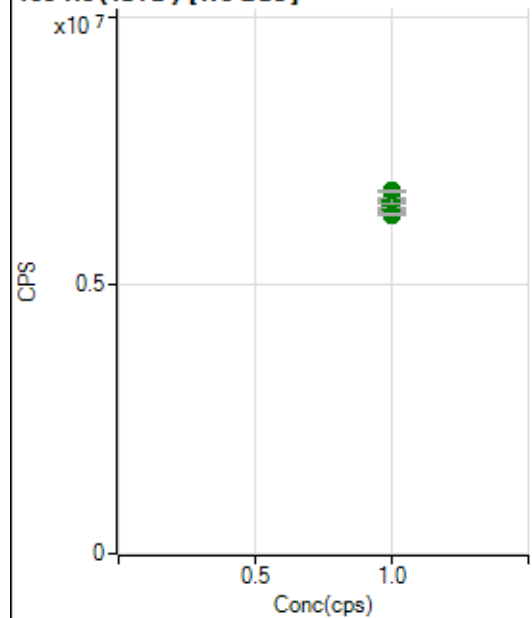
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2311486.35		A	1.6
2	☐	1.000		2366365.52		A	0.7
3	☐	1.000		2342399.43		A	0.2
4	☐	1.000		2242030.62		A	1.2
5	☐	1.000		2215287.97		A	2.1
6	☐	1.000		2194463.59		A	0.5
7	☐	1.000		2224671.71		A	1.2
8	☐	1.000		2328187.39		A	1.3

159 Tb (ISTD) [No Gas]

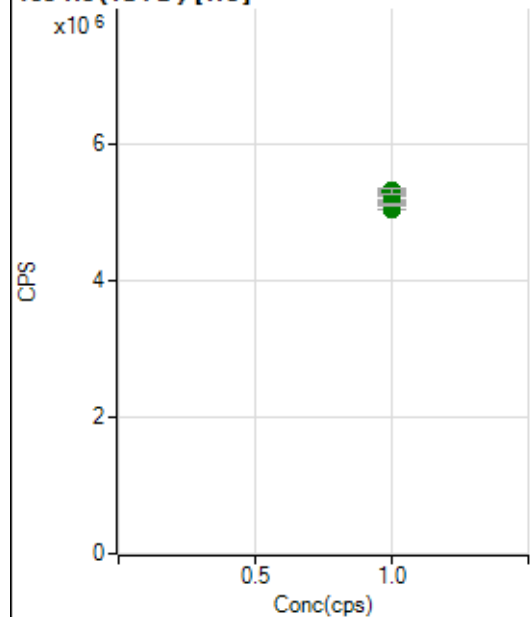
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6545242.75		A	1.6
2	☐	1.000		6698300.32		A	0.5
3	☐	1.000		6681676.50		A	0.5
4	☐	1.000		6752127.75		A	0.9
5	☐	1.000		6518291.50		A	0.2
6	☐	1.000		6430039.56		A	1.2
7	☐	1.000		6815374.97		A	0.8
8	☐	1.000		6933751.36		A	0.6

159 Tb (ISTD) [He]

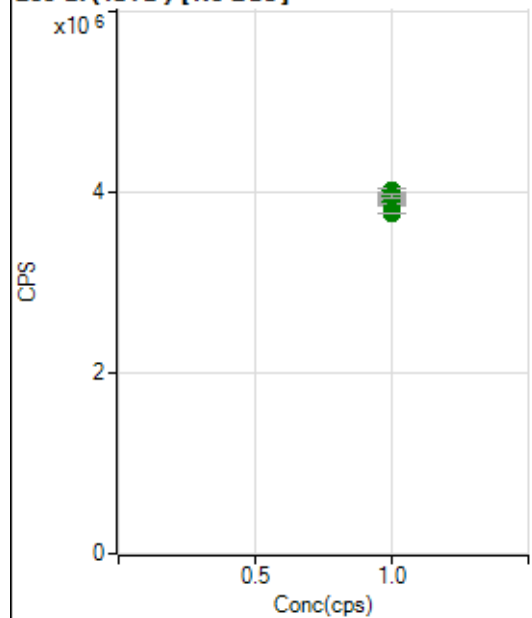
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4981644.44		A	0.6
2	☐	1.000		5094450.45		A	1.0
3	☐	1.000		5218885.58		A	0.6
4	☐	1.000		5032911.90		A	1.5
5	☐	1.000		5110304.47		A	1.9
6	☐	1.000		5100615.55		A	1.4
7	☐	1.000		5216037.77		A	0.2
8	☐	1.000		5278195.82		A	1.4

165 Ho (ISTD) [No Gas]

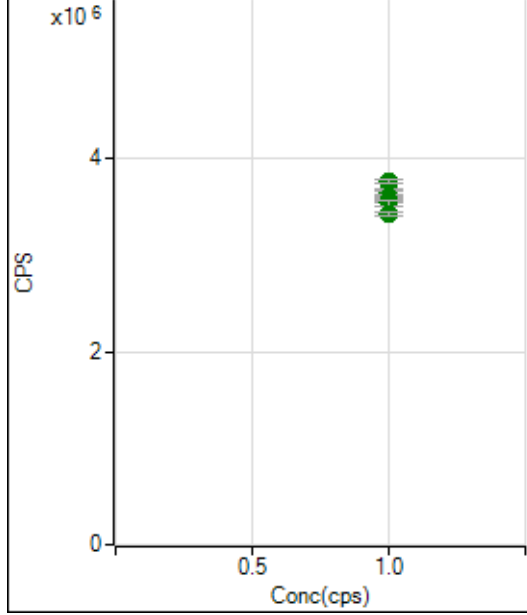
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6353716.92		A	1.8
2	☐	1.000		6495564.76		A	1.3
3	☐	1.000		6459599.07		A	1.4
4	☐	1.000		6546526.36		A	1.2
5	☐	1.000		6399861.99		A	0.9
6	☐	1.000		6311593.93		A	0.5
7	☐	1.000		6582803.30		A	1.7
8	☐	1.000		6752286.22		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5035535.86		A	0.2
2	☐	1.000		5145955.10		A	1.4
3	☐	1.000		5262811.34		A	0.8
4	☐	1.000		5088829.61		A	1.9
5	☐	1.000		5132356.83		A	1.1
6	☐	1.000		5106501.10		A	0.3
7	☐	1.000		5283742.35		A	0.9
8	☐	1.000		5309261.38		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3874354.94		A	1.0
2	☐	1.000		3976188.00		A	0.3
3	☐	1.000		3935556.05		A	1.0
4	☐	1.000		4013483.14		A	1.2
5	☐	1.000		3901556.23		A	1.3
6	☐	1.000		3895624.80		A	1.4
7	☐	1.000		3955785.33		A	1.3
8	☐	1.000		3762969.08		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3644423.98		A	1.3
2	☐	1.000		3680678.45		A	0.7
3	☐	1.000		3760769.94		A	1.2
4	☐	1.000		3583257.52		A	0.6
5	☐	1.000		3615987.79		A	0.3
6	☐	1.000		3561869.67		A	0.7
7	☐	1.000		3539850.64		A	1.8
8	☐	1.000		3424572.93		A	1.3