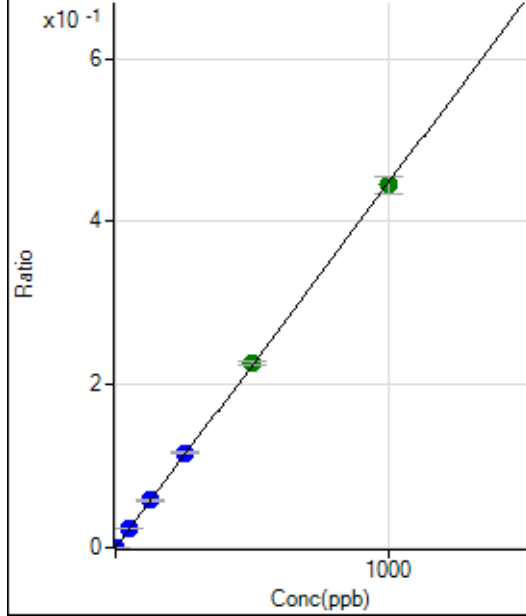


Batch Folder: D:\Agilent\ICPMH\1\DATA\P80817222MS.b\
Analysis File: P80817222MS .batch.bin
DA Date-Time: 2022-12-13 20:59:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB P80817222MS.D	S00	2022-08-17 14:38:48
2	006CAL S P80817222MS.D	S02	2022-08-17 14:41:57
3	007CAL S P80817222MS.D	S03	2022-08-17 14:45:07
4	008CAL S P80817222MS.D	S04	2022-08-17 14:48:13
5	009CAL S P80817222MS.D	S05	2022-08-17 14:51:21
6	010CAL S P80817222MS.D	S06	2022-08-17 14:54:27
7	011CAL S P80817222MS.D	S07	2022-08-17 14:57:36
8	012CAL S P80817222MS.D	S08	2022-08-17 15:00:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.49	0.0000	P	16.2
2	☐	1.000	1.091	3851.28	0.0005	P	3.3
3	☐	50.000	52.975	187934.09	0.0237	P	4.1
4	☐	125.000	129.129	458371.90	0.0578	P	3.8
5	☐	250.000	259.347	886856.98	0.1160	P	2.4
6	☐	500.000	505.403	1729937.76	0.2261	A	2.8
7	☐	1000.000	994.297	3216549.63	0.4448	A	4.6
8	☐			523.70	0.0001	P	4.9

$$y = 4.4735\text{E-}004 * x + 7.4144\text{E-}006$$

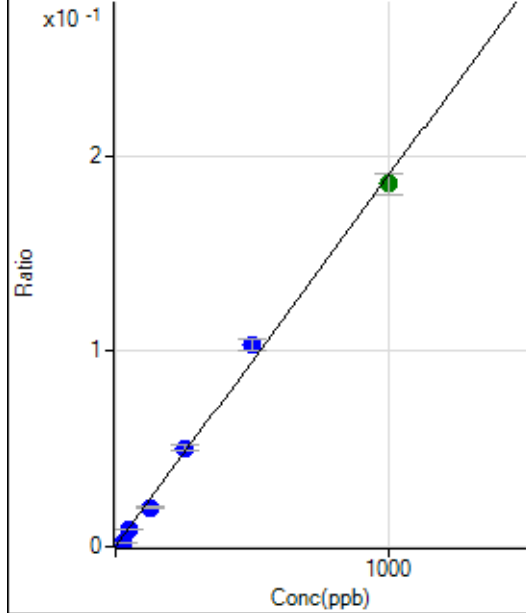
$$R = 0.9999$$

$$DL = 0.008074$$

$$BEC = 0.01657$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	975.17	0.0001	P	0.8
2	☐	25.000	8.048	12843.81	0.0017	P	8.1
3	☐	50.000	45.393	69336.44	0.0087	P	4.4
4	☐	125.000	105.599	160095.07	0.0202	P	7.2
5	☐	250.000	265.989	387045.46	0.0506	P	5.7
6	☐	500.000	542.702	789575.41	0.1032	P	5.4
7	☐	1000.000	977.731	1344417.39	0.1858	A	6.0
8	☐			102357.82	0.0145	P	13.4

$$y = 1.8990\text{E-}004 * x + 1.2563\text{E-}004$$

$$R = 0.9979$$

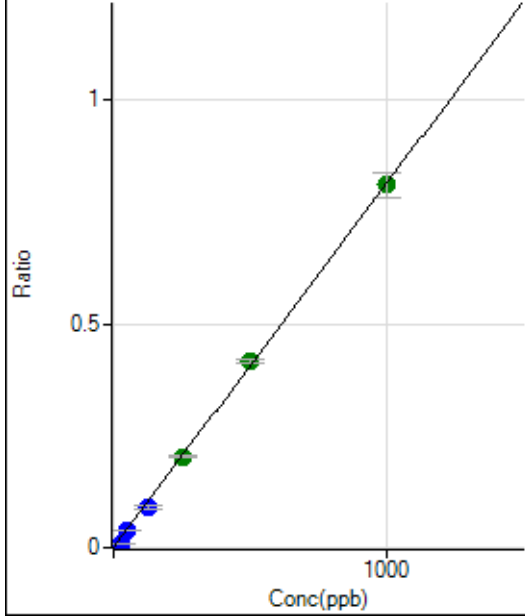
$$DL = 0.01652$$

$$BEC = 0.6615$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4306.46	0.0006	P	1.4
2	☐	25.000	8.350	56978.64	0.0073	P	7.9
3	☐	50.000	46.473	303576.34	0.0383	P	5.6
4	☐	125.000	110.362	715920.72	0.0902	P	5.6
5	☐	250.000	250.276	1558416.69	0.2039	A	1.6
6	☐	500.000	511.376	3185271.07	0.4159	A	2.4
7	☐	1000.000	996.666	5860694.96	0.8101	A	6.8
8	☐			453803.51	0.0642	P	11.2

$$y = 8.1229\text{E-}004 * x + 5.5483\text{E-}004$$

$$R = 0.9997$$

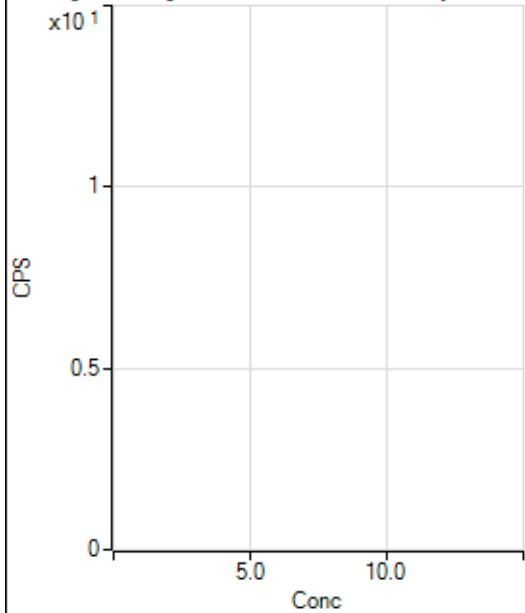
$$DL = 0.02925$$

$$BEC = 0.683$$

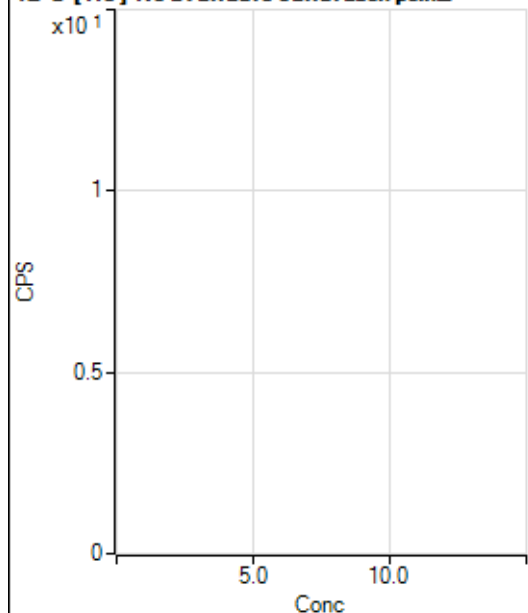
Weight: <None>

Min Conc: 0

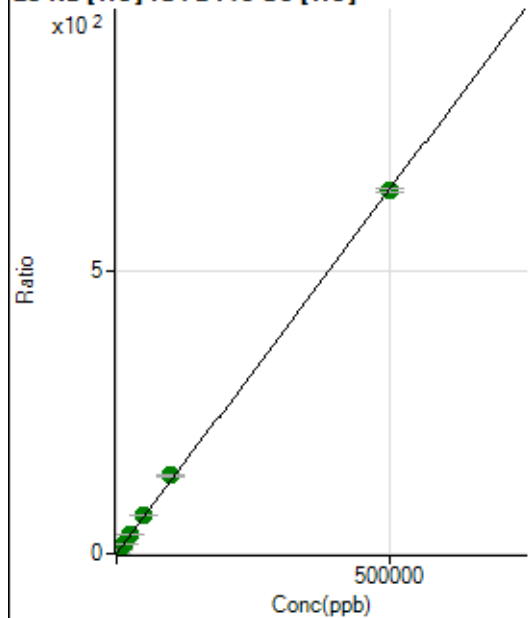
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4735063.87		A	1.6
2	☐			4790873.15		A	1.5
3	☐			5495160.71		A	1.2
4	☐			5832435.03		A	0.3
5	☐			6378980.00		A	1.8
6	☐			7082486.71		A	1.9
7	☐			7821491.23		A	3.8
8	☐			7173818.22		A	5.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55131.76		P	1.5
2	☐			55591.76		P	1.3
3	☐			64324.75		P	1.3
4	☐			69810.42		P	1.0
5	☐			76675.55		P	1.2
6	☐			85574.84		P	1.5
7	☐			98549.23		P	0.7
8	☐			97995.55		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23177.23	0.0690	P	3.2
2	☐	500.000	520.025	248713.39	0.7368	P	2.9
3	☐	5000.000	5446.964	2400194.80	7.0642	A	0.7
4	☐	12500.000	13347.201	5707643.18	17.2101	A	1.7
5	☐	25000.000	27343.656	11360544.96	35.1851	A	1.4
6	☐	50000.000	52340.874	22078984.17	67.2878	A	1.1
7	☐	100000.00	106992.85	44424944.05	137.4746	A	1.7
8	☐	500000.00	498224.48	198830065.5	639.9139	A	0.9

$$y = 0.0013 * x + 0.0690$$

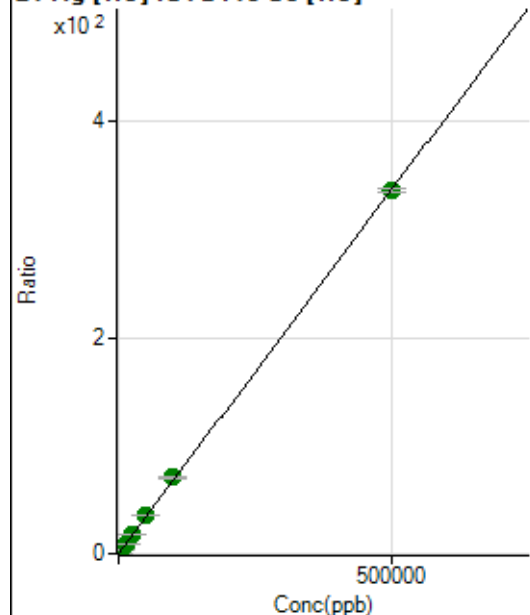
$$R = 0.9999$$

$$DL = 5.186$$

$$BEC = 53.71$$

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	213.90	0.0006	P	7.2
2	☐	500.000	538.740	122755.99	0.3637	P	2.7
3	☐	5000.000	5425.314	1242362.62	3.6565	A	1.7
4	☐	12500.000	13593.288	3038408.73	9.1606	A	2.0
5	☐	25000.000	27254.118	5929109.25	18.3660	A	1.8
6	☐	50000.000	52125.800	11525846.79	35.1260	A	2.1
7	☐	100000.00	105217.08	22908349.30	70.9020	A	3.1
8	☐	500000.00	498599.67	104397728.7	335.9860	A	1.1

$$y = 6.7386\text{E-}004 * x + 6.3627\text{E-}004$$

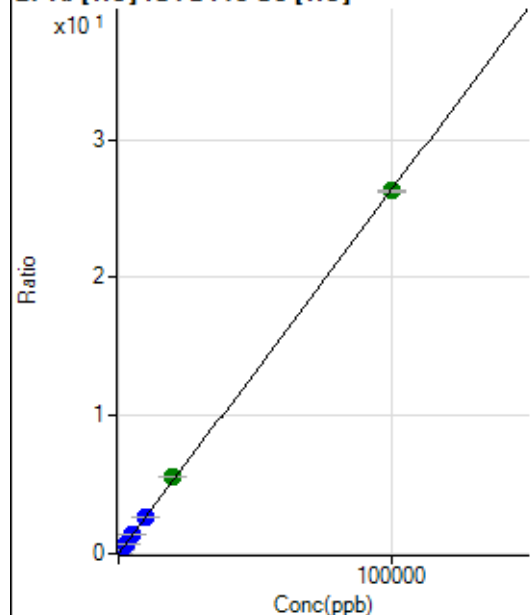
R = 0.9999

DL = 0.2048

BEC = 0.9442

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	110.82	0.0003	P	15.5
2	☐	20.000	19.848	1876.14	0.0056	P	3.1
3	☐	1000.000	1033.579	92630.22	0.2726	P	1.0
4	☐	2500.000	2550.437	223016.85	0.6723	P	0.7
5	☐	5000.000	5240.270	445842.48	1.3809	P	0.6
6	☐	10000.000	10036.442	867678.47	2.6445	P	2.4
7	☐	20000.000	21096.514	1796058.61	5.5583	A	1.1
8	☐	100000.00	99763.443	8166179.55	26.2837	A	0.7

$$y = 2.6346\text{E-}004 * x + 3.2947\text{E-}004$$

R = 0.9999

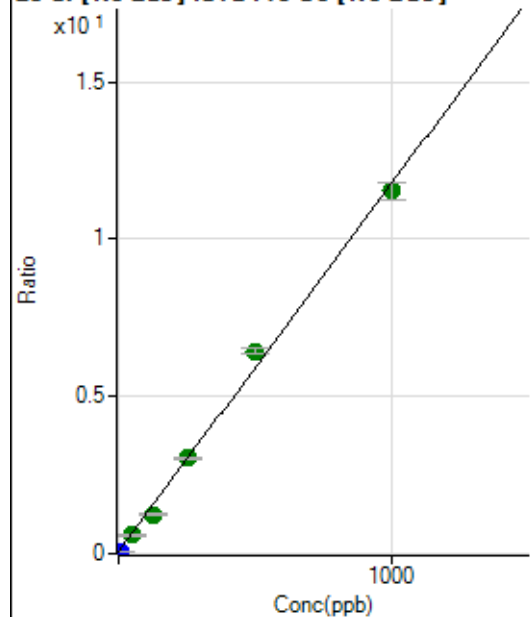
DL = 0.5817

BEC = 1.251

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	739556.59	0.0712	P	2.2
2	☐	10.000	0.682	833466.75	0.0792	P	2.1
3	☐	50.000	44.009	6096520.41	0.5858	A	3.6
4	☐	125.000	100.723	12887264.78	1.2488	A	1.5
5	☐	250.000	253.117	30506005.89	3.0306	A	3.2
6	☐	500.000	545.267	64878816.03	6.4464	A	2.9
7	☐	1000.000	980.015	113115546.9	11.5294	A	5.1
8	☐			2570288.32	0.2678	A	1.4

$$y = 0.0117 * x + 0.0712$$

$$R = 0.9980$$

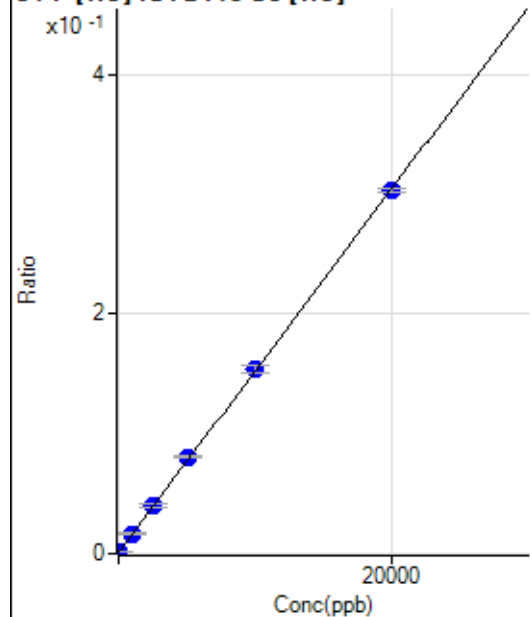
$$DL = 0.41$$

$$BEC = 6.09$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.488	358.34	0.0011	P	9.3
2	☐	0.000	8.488	447.24	0.0013	P	10.6
3	☐	1000.000	1018.184	5645.71	0.0166	P	7.5
4	☐	2500.000	2566.158	13292.59	0.0401	P	6.3
5	☐	5000.000	5230.102	25973.85	0.0805	P	1.8
6	☐	10000.000	10081.920	50525.09	0.1540	P	3.3
7	☐	20000.000	19892.336	97802.96	0.3026	P	1.0
8	☐			427.79	0.0014	P	4.3

$$y = 1.5154E-005 * x + 0.0012$$

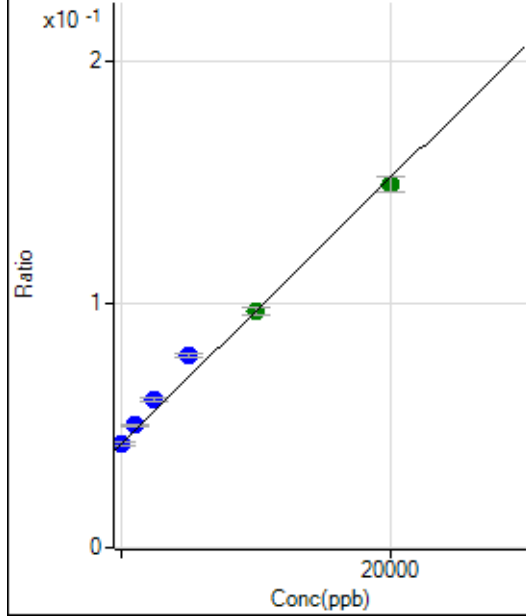
$$R = 0.9999$$

$$DL = 23.78$$

$$BEC = 78.83$$

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	6.584	444246.77	0.0428	P	2.6
2	☐	0.000	-6.584	449495.01	0.0427	P	2.9
3	☐	1000.000	1415.947	525264.99	0.0505	P	1.4
4	☐	2500.000	3313.610	627480.41	0.0608	P	1.4
5	☐	5000.000	6666.353	796111.86	0.0791	P	2.3
6	☐	10000.000	9932.797	975057.63	0.0969	A	3.5
7	☐	20000.000	19494.515	1462280.99	0.1490	A	4.4
8	☐			355775.06	0.0371	P	1.6

$$y = 5.4518\text{E-}006 * x + 0.0427$$

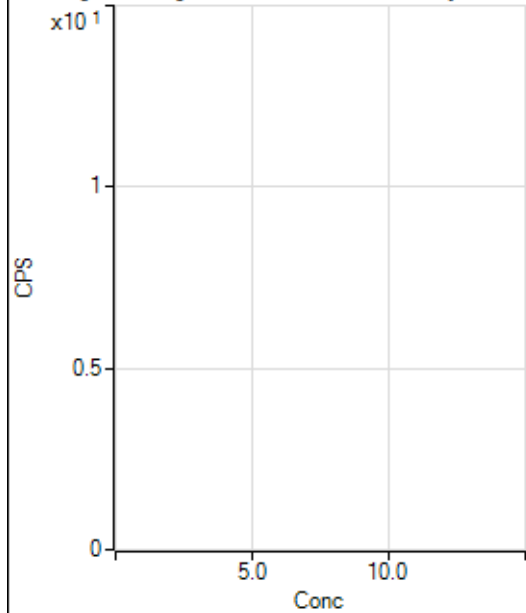
R = 0.9956

DL = 649.8

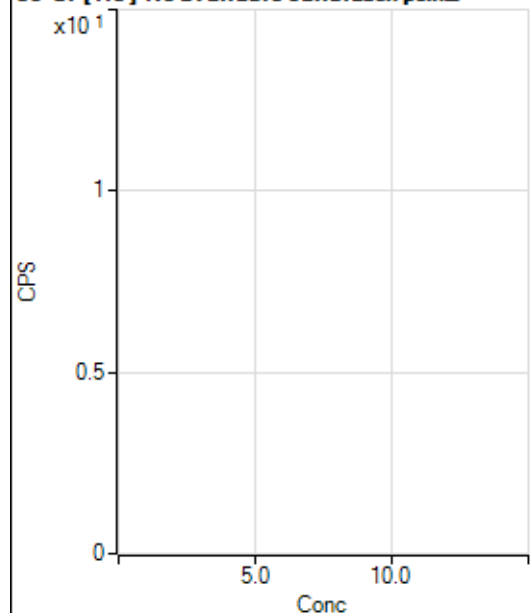
BEC = 7840

Weight: <None>

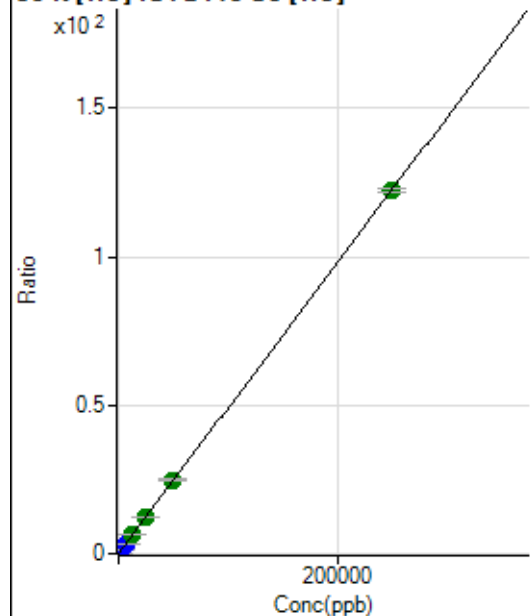
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			565988.06		P	0.8
2	☐			555202.76		P	1.4
3	☐			582319.17		P	0.6
4	☐			577366.27		P	1.0
5	☐			526792.42		P	0.6
6	☐			502904.89		P	1.4
7	☐			542165.72		P	0.1
8	☐			520594.02		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4225.73		P	6.4
2	☐			4031.22		P	4.3
3	☐			4217.40		P	4.6
4	☐			4039.55		P	2.9
5	☐			3708.90		P	0.6
6	☐			3617.22		P	4.0
7	☐			3845.04		P	3.2
8	☐			3767.27		P	8.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21385.84	0.0636	P	2.7
2	☐	500.000	501.330	104237.35	0.3088	P	1.8
3	☐	2500.000	2529.298	441797.24	1.3004	P	2.5
4	☐	6250.000	6317.634	1045962.98	3.1527	P	1.4
5	☐	12500.000	13006.066	2074042.93	6.4230	A	1.4
6	☐	25000.000	25308.918	4081347.71	12.4385	A	1.2
7	☐	50000.000	50749.029	8040103.30	24.8775	A	2.6
8	☐	250000.00	249792.01	37966896.34	122.2000	A	1.1

$$y = 4.8895E-004 * x + 0.0636$$

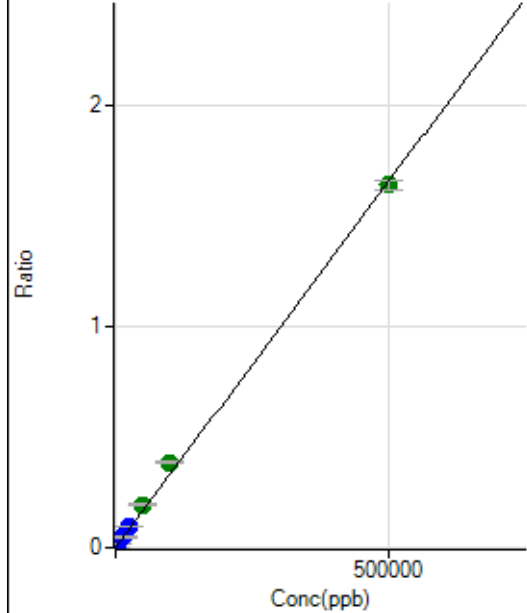
$$R = 1.0000$$

$$DL = 10.65$$

$$BEC = 130.2$$

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	392.04	0.0000	P	9.4
2	☐	500.000	476.370	16973.31	0.0016	P	4.0
3	☐	5000.000	5907.234	203705.56	0.0196	P	1.7
4	☐	12500.000	14444.423	493211.52	0.0478	P	1.7
5	☐	25000.000	28723.347	956510.92	0.0950	P	1.3
6	☐	50000.000	58700.398	1954061.91	0.1941	A	2.1
7	☐	100000.00	116329.40	3777382.52	0.3847	A	1.4
8	☐	500000.00	495620.25	15727812.69	1.6388	A	2.9

$$y = 3.3065\text{E-}006 * x + 3.7760\text{E-}005$$

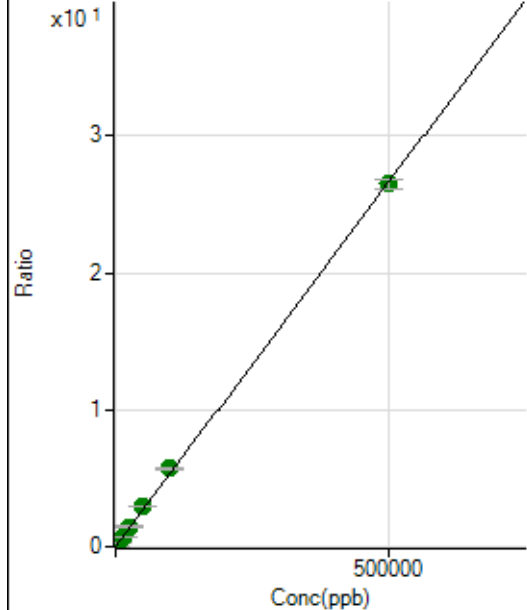
$$R = 0.9993$$

$$DL = 3.212$$

$$BEC = 11.42$$

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	17463.69	0.0017	P	2.4
2	☐	500.000	483.227	288396.86	0.0274	P	2.3
3	☐	5000.000	5685.596	3167154.11	0.3043	A	0.8
4	☐	12500.000	13738.838	7563374.80	0.7328	A	0.6
5	☐	25000.000	27536.091	14767911.95	1.4671	A	2.6
6	☐	50000.000	54266.909	29091587.56	2.8896	A	0.5
7	☐	100000.00	107506.41	56186290.56	5.7229	A	1.5
8	☐	500000.00	497907.41	254337949.8	26.4990	A	2.5

$$y = 5.3217\text{E-}005 * x + 0.0017$$

$$R = 0.9999$$

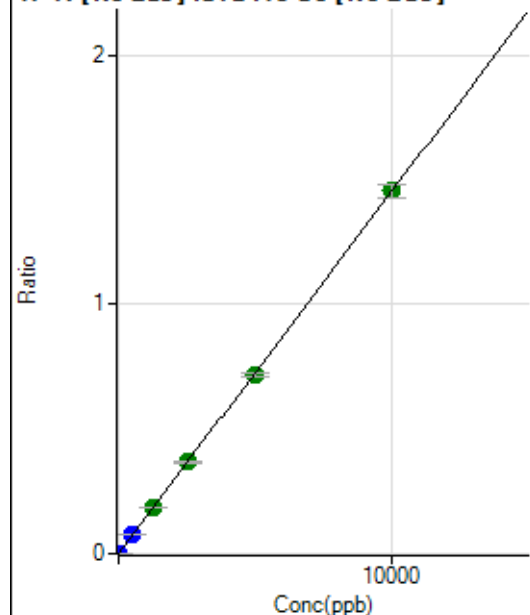
$$DL = 2.235$$

$$BEC = 31.6$$

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	491.69	0.0000	P	10.3
2	☐	5.000	5.192	8433.25	0.0008	P	2.9
3	☐	500.000	518.559	784112.12	0.0753	P	1.3
4	☐	1250.000	1270.331	1903831.77	0.1845	A	0.6
5	☐	2500.000	2530.869	3699403.55	0.3675	A	1.3
6	☐	5000.000	4927.232	7201658.75	0.7153	A	2.1
7	☐	10000.000	10025.197	14284356.57	1.4554	A	3.5
8	☐			2103.01	0.0002	P	2.3

$$y = 1.4517E-004 * x + 4.7404E-005$$

$$R = 1.0000$$

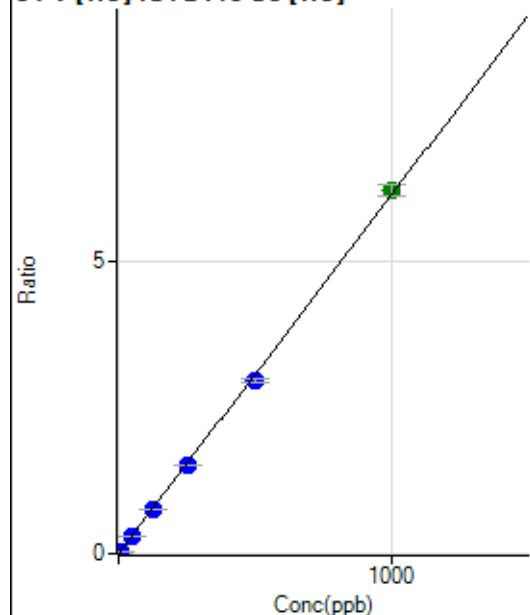
$$DL = 0.1007$$

$$BEC = 0.3265$$

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	8.89	0.0000	P	45.1
2	☐	5.000	4.963	10289.35	0.0305	P	1.2
3	☐	50.000	48.190	100444.97	0.2956	P	2.8
4	☐	125.000	121.421	247046.99	0.7448	P	0.2
5	☐	250.000	246.202	487557.09	1.5101	P	1.0
6	☐	500.000	480.623	967261.27	2.9480	P	2.6
7	☐	1000.000	1011.176	2004198.56	6.2021	A	3.2
8	☐			290.00	0.0009	P	9.8

$$y = 0.0061 * x + 2.6585E-005$$

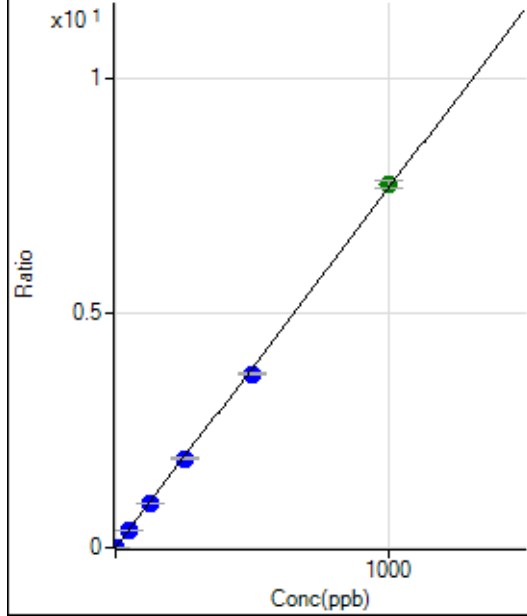
$$R = 0.9997$$

$$DL = 0.005866$$

$$BEC = 0.004334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	740.03	0.0022	P	6.0
2	☐	2.000	1.987	5883.49	0.0174	P	2.2
3	☐	50.000	48.794	127788.59	0.3761	P	0.6
4	☐	125.000	123.858	315617.25	0.9514	P	1.0
5	☐	250.000	247.723	613712.33	1.9006	P	1.6
6	☐	500.000	482.640	1214221.63	3.7008	P	1.5
7	☐	1000.000	1009.452	2500711.73	7.7379	A	2.2
8	☐			5531.12	0.0178	P	1.4

$$y = 0.0077 * x + 0.0022$$

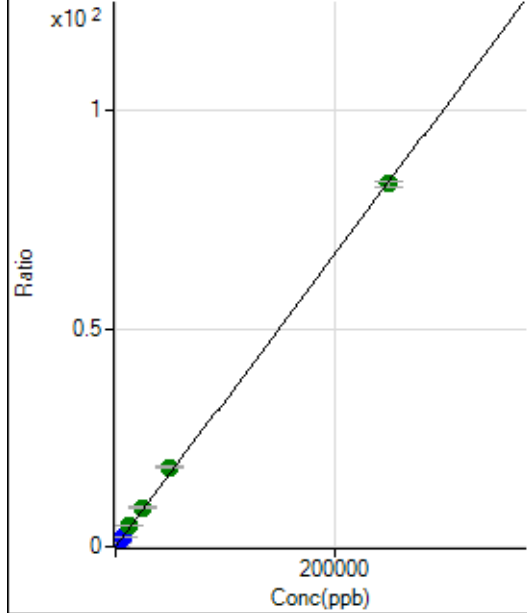
$$R = 0.9998$$

$$DL = 0.05187$$

$$BEC = 0.2873$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1014.87	0.0030	P	8.7
2	☐	50.000	56.012	7337.19	0.0217	P	3.9
3	☐	2500.000	2677.785	305179.46	0.8981	P	2.4
4	☐	6250.000	6763.296	751009.26	2.2638	P	0.7
5	☐	12500.000	14183.531	1531979.71	4.7442	A	1.4
6	☐	25000.000	26979.068	2960032.59	9.0215	A	0.8
7	☐	50000.000	54117.162	5845848.51	18.0930	A	2.5
8	☐	250000.00	248879.87	25846881.37	83.1974	A	1.5

$$y = 3.3428E-004 * x + 0.0030$$

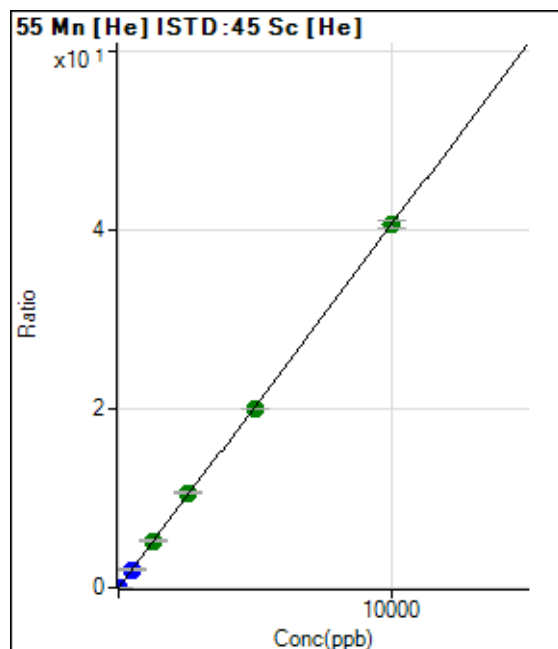
$$R = 0.9998$$

$$DL = 2.36$$

$$BEC = 9.029$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	146.67	0.0004	P	6.1
2	☐	1.000	0.992	1505.65	0.0045	P	3.2
3	☐	500.000	502.344	692346.23	2.0376	P	2.0
4	☐	1250.000	1289.878	1735342.72	5.2314	A	1.4
5	☐	2500.000	2620.120	3431200.82	10.6260	A	1.5
6	☐	5000.000	4940.307	6574047.82	20.0353	A	0.4
7	☐	10000.000	9994.714	13097008.00	40.5329	A	2.0
8	☐			6427.08	0.0207	P	2.2

$$y = 0.0041 * x + 4.3673E-004$$

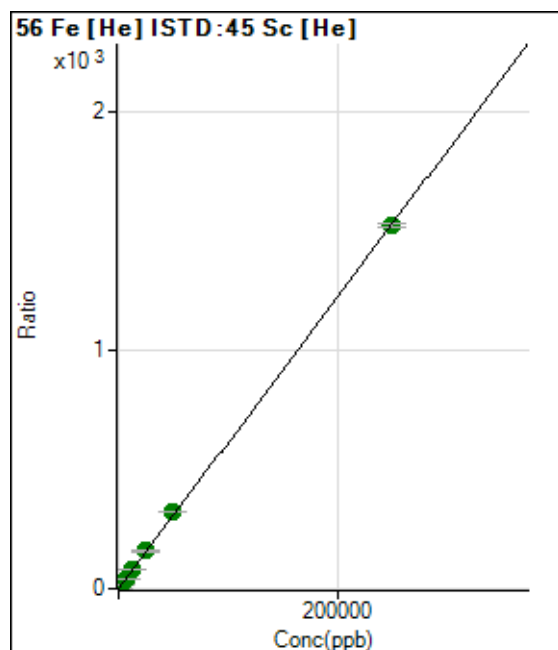
$$R = 0.9999$$

$$DL = 0.01983$$

$$BEC = 0.1077$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5880.95	0.0175	P	3.6
2	☐	50.000	52.679	114569.10	0.3394	P	2.4
3	☐	2500.000	2726.043	5664702.73	16.6743	A	1.6
4	☐	6250.000	6685.270	13555771.48	40.8662	A	1.2
5	☐	12500.000	13536.305	26715409.63	82.7278	A	1.9
6	☐	25000.000	25879.450	51889341.44	158.1475	A	2.5
7	☐	50000.000	52882.711	104418712.5	323.1443	A	1.9
8	☐	250000.00	249270.55	473207788.3	1523.123	A	0.9

$$y = 0.0061 * x + 0.0175$$

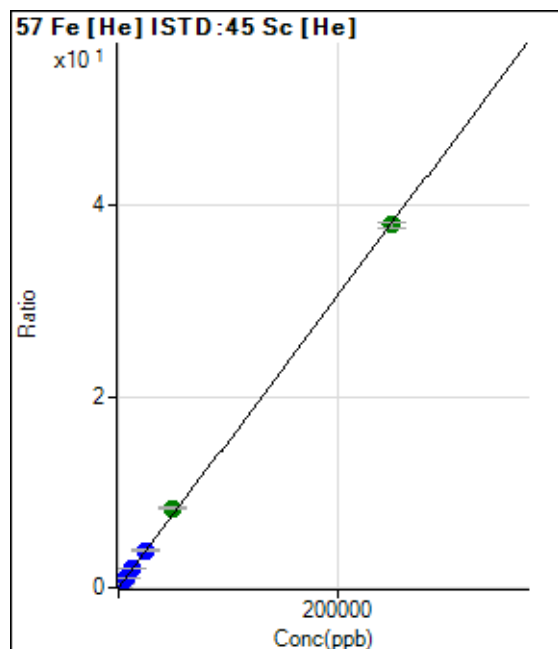
$$R = 0.9999$$

$$DL = 0.3078$$

$$BEC = 2.865$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.86	0.0005	P	7.2
2	☐	50.000	54.401	2952.21	0.0087	P	2.5
3	☐	2500.000	2642.389	137026.81	0.4033	P	2.4
4	☐	6250.000	6542.033	331021.27	0.9979	P	0.1
5	☐	12500.000	13263.003	653121.21	2.0226	P	1.7
6	☐	25000.000	25485.315	1275117.00	3.8862	P	2.1
7	☐	50000.000	54531.118	2686731.08	8.3147	A	2.1
8	☐	250000.00	248998.36	11797309.06	37.9649	A	1.7

$$y = 1.5247\text{E-}004 * x + 4.5222\text{E-}004$$

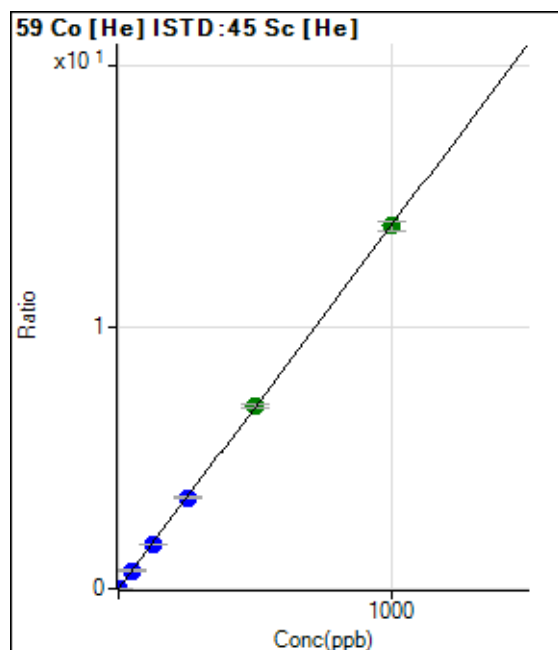
$$R = 0.9998$$

$$DL = 0.6381$$

$$BEC = 2.966$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0002	P	13.9
2	☐	1.000	1.021	4843.09	0.0144	P	5.2
3	☐	50.000	49.966	235593.59	0.6934	P	2.3
4	☐	125.000	123.265	567383.60	1.7104	P	1.4
5	☐	250.000	250.694	1123189.14	3.4784	P	0.9
6	☐	500.000	503.529	2292334.93	6.9863	A	2.0
7	☐	1000.000	998.281	4475006.39	13.8507	A	2.7
8	☐			5728.99	0.0184	P	1.9

$$y = 0.0139 * x + 1.7845\text{E-}004$$

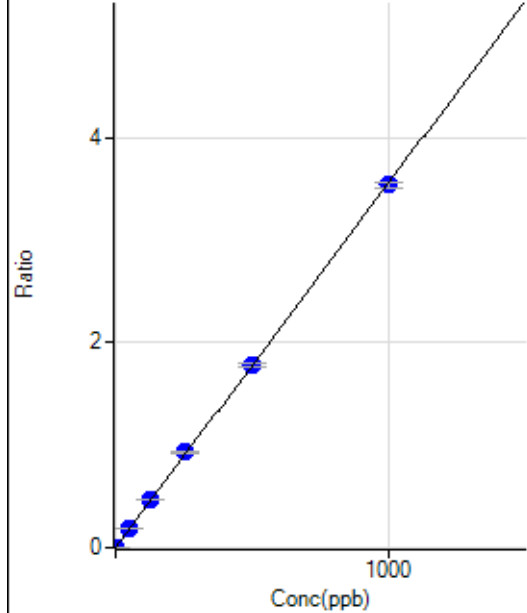
$$R = 1.0000$$

$$DL = 0.005373$$

$$BEC = 0.01286$$

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	86.67	0.0003	P	10.1
2	☐	1.000	1.067	1367.86	0.0041	P	3.3
3	☐	50.000	54.187	65550.51	0.1929	P	2.2
4	☐	125.000	132.399	156231.27	0.4710	P	1.2
5	☐	250.000	261.339	300129.36	0.9295	P	0.8
6	☐	500.000	501.661	585314.64	1.7840	P	2.8
7	☐	1000.000	995.200	1143474.11	3.5388	P	1.5
8	☐			2830.32	0.0091	P	1.5

$$y = 0.0036 * x + 2.5765E-004$$

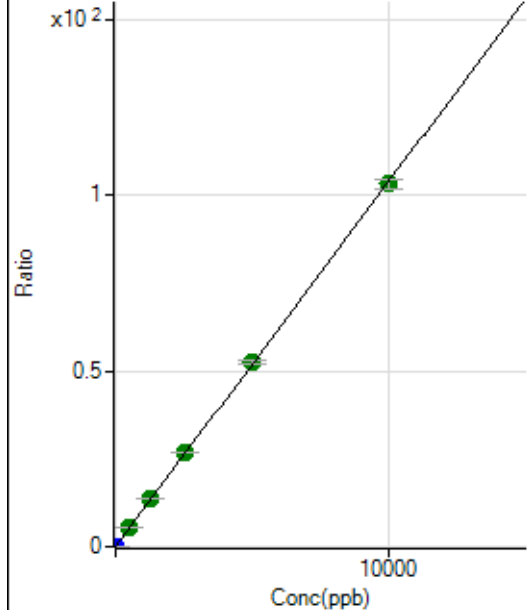
$$R = 0.9999$$

$$DL = 0.02189$$

$$BEC = 0.07246$$

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	2284.65	0.0068	P	1.3
2	☐	2.000	1.982	9240.86	0.0274	P	3.2
3	☐	500.000	528.930	1868823.11	5.5004	A	3.2
4	☐	1250.000	1312.800	4524587.29	13.6418	A	1.2
5	☐	2500.000	2588.309	8681820.29	26.8896	A	0.3
6	☐	5000.000	5052.209	17218154.88	52.4802	A	2.6
7	☐	10000.000	9942.521	33368076.45	103.2721	A	2.4
8	☐			6811.70	0.0219	P	3.1

$$y = 0.0104 * x + 0.0068$$

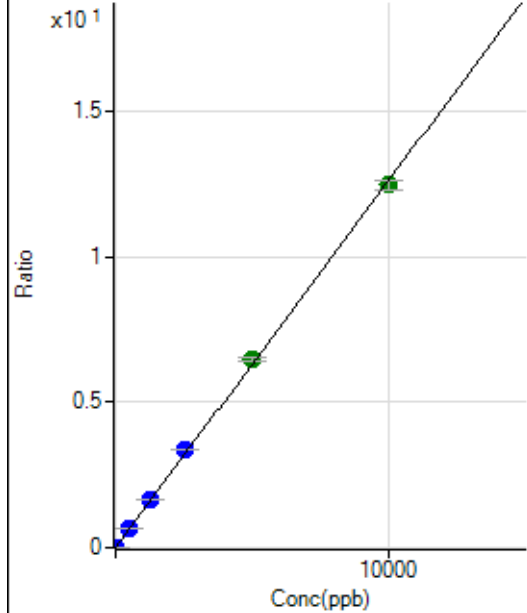
$$R = 0.9999$$

$$DL = 0.02597$$

$$BEC = 0.6545$$

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	650.02	0.0019	P	7.0
2	☐	2.000	2.217	1594.55	0.0047	P	8.1
3	☐	500.000	537.356	230853.67	0.6794	P	2.6
4	☐	1250.000	1320.071	552720.21	1.6663	P	0.2
5	☐	2500.000	2651.147	1079859.00	3.3445	P	0.2
6	☐	5000.000	5125.763	2121295.75	6.4645	A	1.9
7	☐	10000.000	9888.705	4028724.28	12.4696	A	2.3
8	☐			2784.75	0.0090	P	3.8

$$y = 0.0013 * x + 0.0019$$

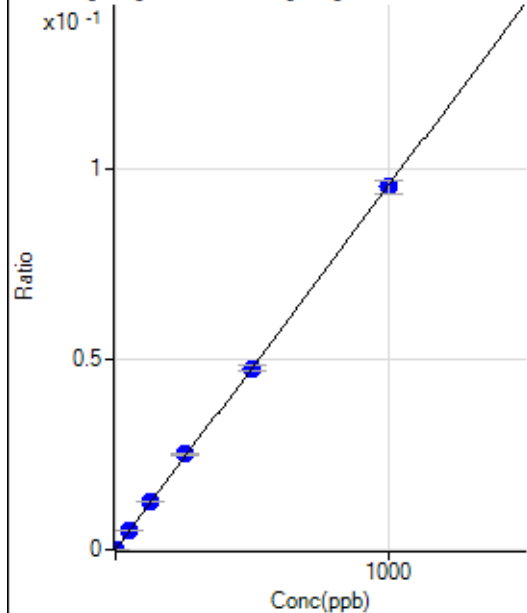
$$R = 0.9997$$

$$DL = 0.3204$$

$$BEC = 1.533$$

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	8.67	0.0000	P	17.8
2	☐	1.000	1.036	253.36	0.0001	P	8.5
3	☐	50.000	52.295	12280.90	0.0050	P	2.2
4	☐	125.000	132.287	30251.27	0.0127	P	1.0
5	☐	250.000	262.218	59256.29	0.0251	P	2.5
6	☐	500.000	498.873	114335.21	0.0478	P	2.4
7	☐	1000.000	996.483	221882.19	0.0954	P	3.6
8	☐			142.35	0.0001	P	3.5

$$y = 9.5762E-005 * x + 3.5999E-006$$

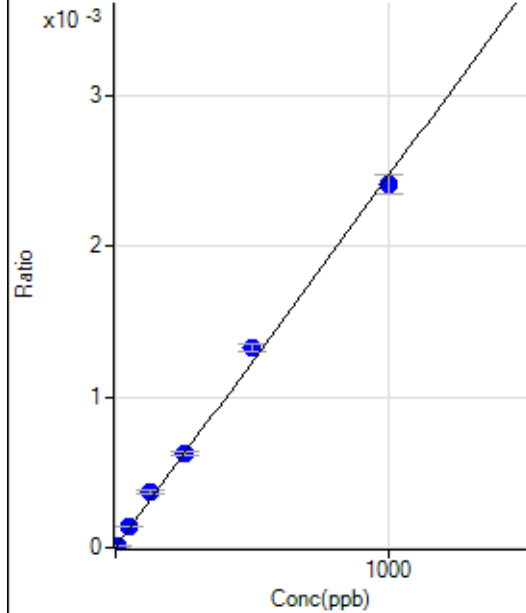
$$R = 0.9999$$

$$DL = 0.02002$$

$$BEC = 0.03759$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.113	32.22	0.0000	P	36.1
3	☐	50.000	56.423	342.23	0.0001	P	6.5
4	☐	125.000	151.143	891.15	0.0004	P	6.9
5	☐	250.000	254.847	1483.43	0.0006	P	4.8
6	☐	500.000	538.861	3181.51	0.0013	P	3.8
7	☐	1000.000	975.768	5600.07	0.0024	P	5.2
8	☐			4.44	0.0000	P	42.9

$$y = 2.4663\text{E-}006 * x + 4.5988\text{E-}007$$

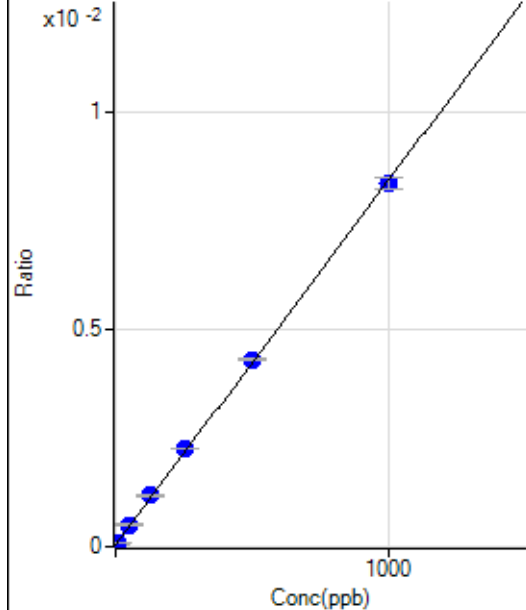
$$R = 0.9986$$

$$DL = 0.9689$$

$$BEC = 0.1865$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.01	0.0000	P	20.5
2	☐	5.000	5.271	208.35	0.0001	P	1.7
3	☐	50.000	55.226	1233.85	0.0005	P	4.7
4	☐	125.000	135.103	2802.23	0.0012	P	1.5
5	☐	250.000	264.282	5327.22	0.0023	P	1.7
6	☐	500.000	509.073	10318.49	0.0043	P	1.9
7	☐	1000.000	990.367	19414.63	0.0083	P	3.3
8	☐			99.34	0.0000	P	1.0

$$y = 8.3902\text{E-}006 * x + 4.0275\text{E-}005$$

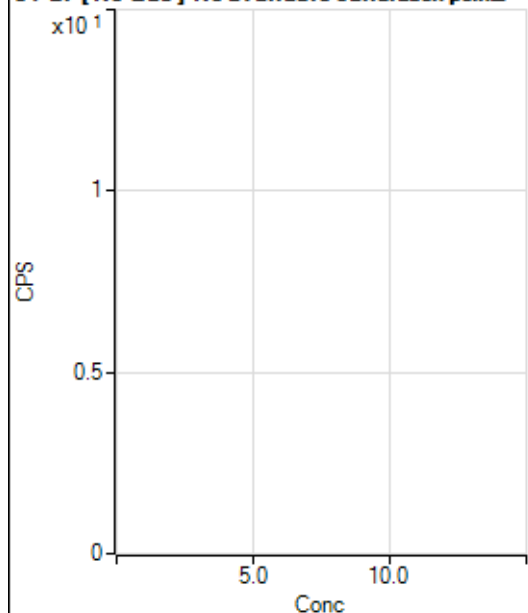
$$R = 0.9998$$

$$DL = 2.947$$

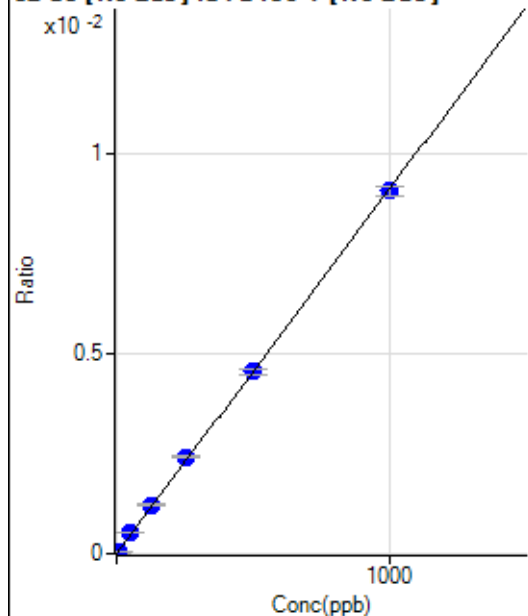
$$BEC = 4.8$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71494.49		P	4.4
2	☐			72597.62		P	2.1
3	☐			71158.58		P	1.2
4	☐			69445.36		P	5.9
5	☐			69527.82		P	2.0
6	☐			68002.99		P	3.1
7	☐			69633.36		P	2.3
8	☐			65484.50		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-3.75	0.0000	P	-891.
2	☐	5.000	5.448	1094.54	0.0000	P	5.4
3	☐	50.000	57.177	11125.62	0.0005	P	1.2
4	☐	125.000	133.128	26566.30	0.0012	P	2.6
5	☐	250.000	263.843	51301.59	0.0024	P	2.1
6	☐	500.000	500.619	97802.61	0.0046	P	3.2
7	☐	1000.000	994.853	187237.07	0.0091	P	2.5
8	☐			256.24	0.0000	P	23.1

$$y = 9.1327E-006 * x - 1.8411E-007$$

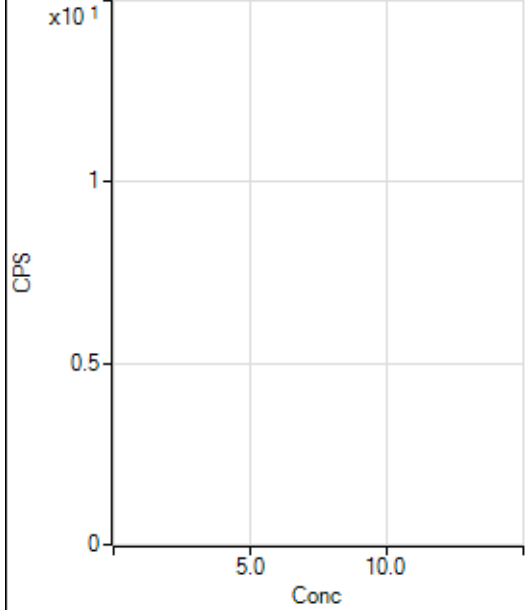
$$R = 0.9999$$

$$DL = 0.5392$$

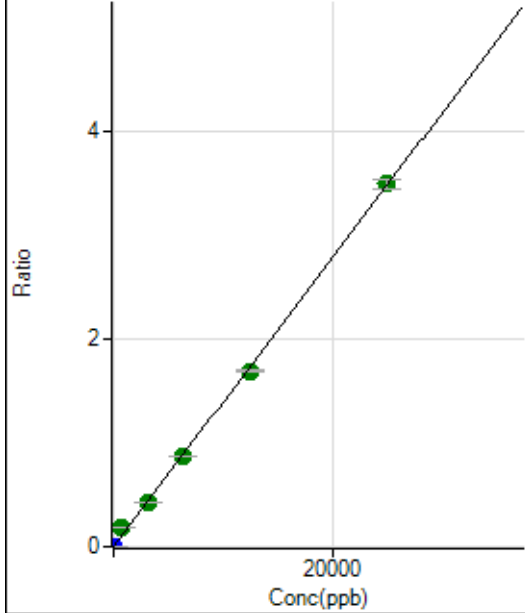
$$BEC = -0.02016$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			668.27		P	3.6
2	☐			636.19		P	0.8
3	☐			629.94		P	6.1
4	☐			648.69		P	0.8
5	☐			638.69		P	0.6
6	☐			643.69		P	8.8
7	☐			637.86		P	2.6
8	☐			665.77		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1086.19	0.0001	P	11.4
2	☐	1.000	0.962	4064.58	0.0002	P	8.6
3	☐	625.000	1303.353	3861800.57	0.1812	A	2.2
4	☐	3125.000	3074.434	9340154.03	0.4274	A	2.6
5	☐	6250.000	6290.439	18619294.51	0.8743	A	0.8
6	☐	12500.000	12187.373	36243933.10	1.6939	A	1.0
7	☐	25000.000	25135.566	72002455.08	3.4936	A	2.4
8	☐			24461.45	0.0012	P	6.1

$$y = 1.3899E-004 * x + 5.0266E-005$$

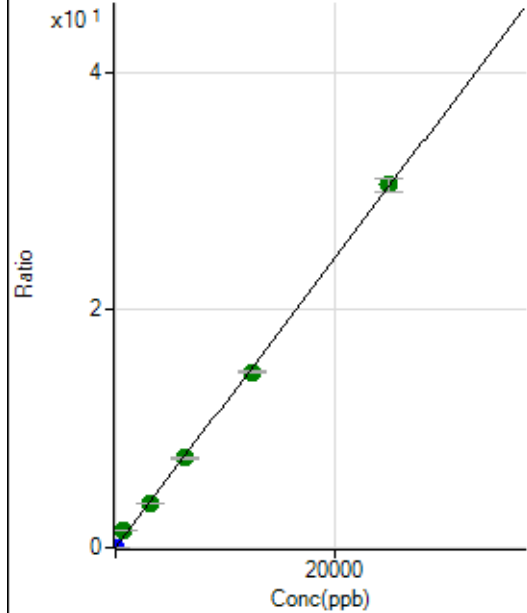
$$R = 0.9995$$

$$DL = 0.1235$$

$$BEC = 0.3617$$

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	436.13	0.0000	P	11.5
2	☐	1.000	0.970	26439.43	0.0012	P	4.1
3	☐	625.000	1261.223	32624312.19	1.5306	A	0.7
4	☐	3125.000	3080.967	81737622.66	3.7390	A	0.9
5	☐	6250.000	6211.597	160523448.0	7.5383	A	0.6
6	☐	12500.000	12186.073	316452237.6	14.7888	A	1.4
7	☐	25000.000	25156.163	629208014.0	30.5290	A	3.7
8	☐			200176.79	0.0098	P	3.7

$$y = 0.0012 * x + 2.0148E-005$$

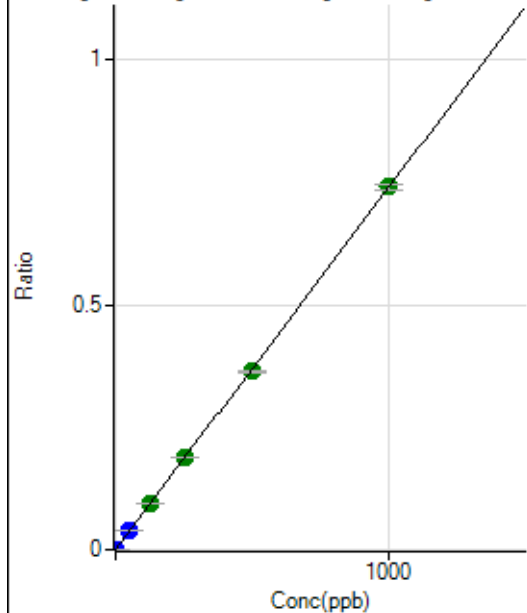
$$R = 0.9995$$

$$DL = 0.005753$$

$$BEC = 0.0166$$

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	925.05	0.0000	P	7.1
2	☐	1.000	0.970	16782.82	0.0008	P	4.3
3	☐	50.000	51.566	813434.62	0.0382	P	1.2
4	☐	125.000	127.662	2064150.48	0.0944	A	1.4
5	☐	250.000	254.600	4008943.97	0.1883	A	0.6
6	☐	500.000	492.854	7796648.70	0.3644	A	1.3
7	☐	1000.000	1002.012	15268961.80	0.7408	A	1.6
8	☐			7832.97	0.0004	P	3.2

$$y = 7.3929E-004 * x + 4.2751E-005$$

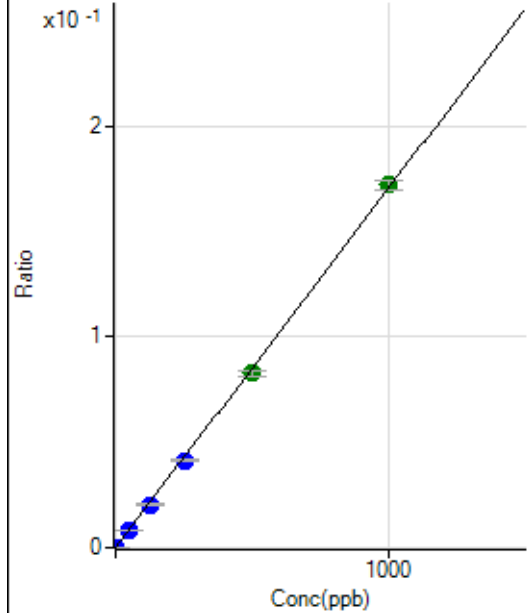
$$R = 0.9999$$

$$DL = 0.01224$$

$$BEC = 0.05783$$

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	125.00	0.0000	P	36.2
2	☐	1.000	0.894	3497.77	0.0002	P	2.2
3	☐	50.000	50.011	181962.83	0.0085	P	0.5
4	☐	125.000	120.254	448582.41	0.0205	P	2.1
5	☐	250.000	243.144	883295.41	0.0415	P	0.5
6	☐	500.000	485.068	1770196.48	0.0827	A	3.0
7	☐	1000.000	1009.773	3549616.10	0.1723	A	3.0
8	☐			1858.51	0.0001	P	4.3

$$y = 1.7058\text{E-}004 * x + 5.7976\text{E-}006$$

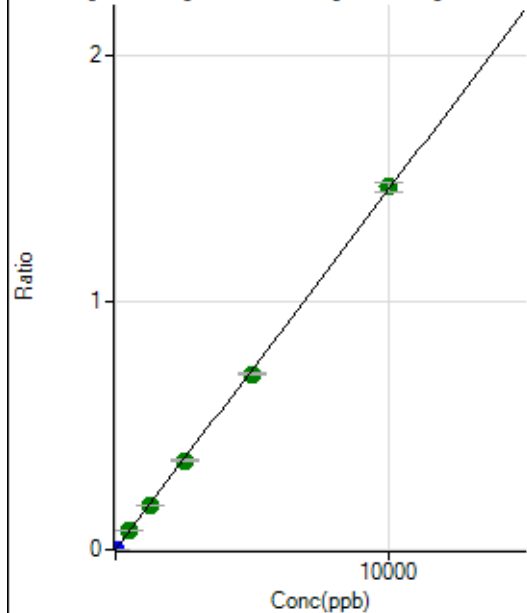
$$R = 0.9998$$

$$DL = 0.03695$$

$$BEC = 0.03399$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.78	0.0000	P	18.6
2	☐	5.000	5.679	18496.15	0.0008	P	5.4
3	☐	500.000	520.317	1615577.84	0.0758	A	0.6
4	☐	1250.000	1236.820	3938033.99	0.1802	A	1.3
5	☐	2500.000	2467.789	7653637.93	0.3594	A	1.4
6	☐	5000.000	4869.025	15176376.55	0.7092	A	1.1
7	☐	10000.000	10074.172	30238649.63	1.4673	A	2.9
8	☐			10782.41	0.0005	P	2.2

$$y = 1.4565\text{E-}004 * x + 1.0530\text{E-}005$$

$$R = 0.9999$$

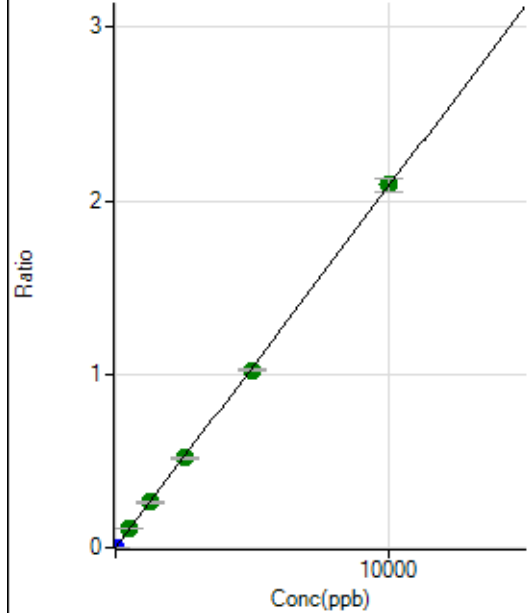
$$DL = 0.04035$$

$$BEC = 0.0723$$

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	91.67	0.0000	P	25.3
2	☐	5.000	4.871	22505.02	0.0010	P	2.3
3	☐	500.000	519.165	2304664.87	0.1081	A	0.7
4	☐	1250.000	1254.220	5708395.23	0.2612	A	2.4
5	☐	2500.000	2486.364	11025189.83	0.5178	A	2.2
6	☐	5000.000	4915.317	21903832.43	1.0237	A	1.1
7	☐	10000.000	10044.265	43100205.13	2.0918	A	4.0
8	☐			11541.40	0.0006	P	4.9

$$y = 2.0826E-004 * x + 4.2474E-006$$

$$R = 0.9999$$

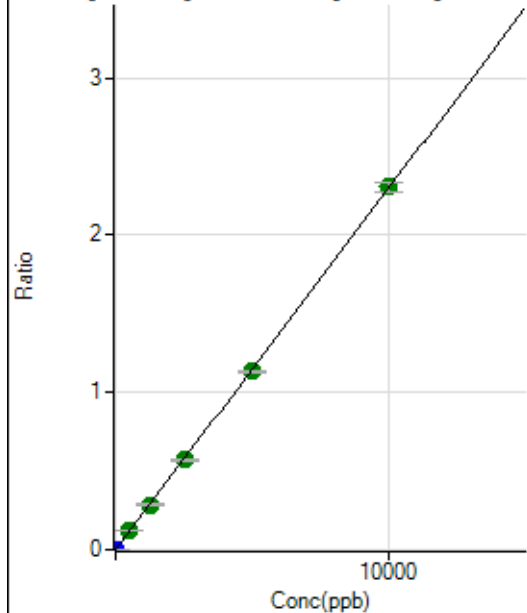
$$DL = 0.01547$$

$$BEC = 0.02039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	305.57	0.0000	P	23.0
2	☐	5.000	4.894	25151.29	0.0011	P	5.4
3	☐	500.000	512.204	2508883.95	0.1177	A	1.5
4	☐	1250.000	1243.991	6248792.41	0.2859	A	1.6
5	☐	2500.000	2494.813	12208431.96	0.5733	A	2.0
6	☐	5000.000	4922.838	24205574.84	1.1313	A	1.0
7	☐	10000.000	10040.019	47548081.62	2.3072	A	2.4
8	☐			33786.86	0.0017	P	2.1

$$y = 2.2980E-004 * x + 1.4139E-005$$

$$R = 1.0000$$

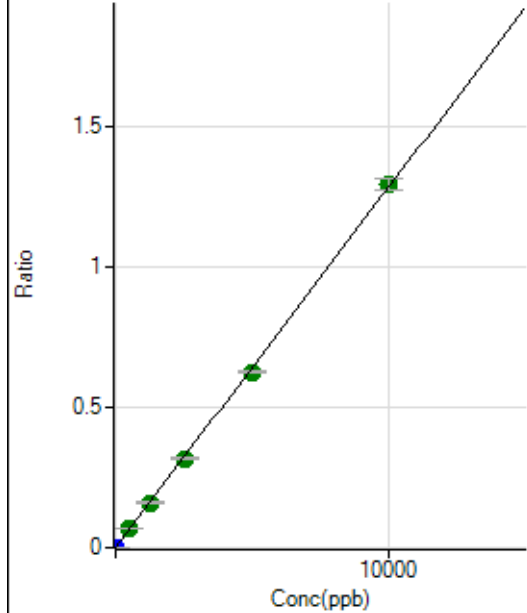
$$DL = 0.04252$$

$$BEC = 0.06153$$

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	44.44	0.0000	P	29.6
2	☐	5.000	4.903	13957.40	0.0006	P	3.2
3	☐	500.000	518.396	1419357.10	0.0666	A	1.4
4	☐	1250.000	1243.534	3491242.61	0.1597	A	2.9
5	☐	2500.000	2469.309	6753800.37	0.3172	A	1.8
6	☐	5000.000	4878.464	13408989.54	0.6267	A	0.2
7	☐	10000.000	10068.329	26650164.66	1.2933	A	3.3
8	☐			7449.47	0.0004	P	5.4

$$y = 1.2845E-004 * x + 2.0584E-006$$

R = 0.9999

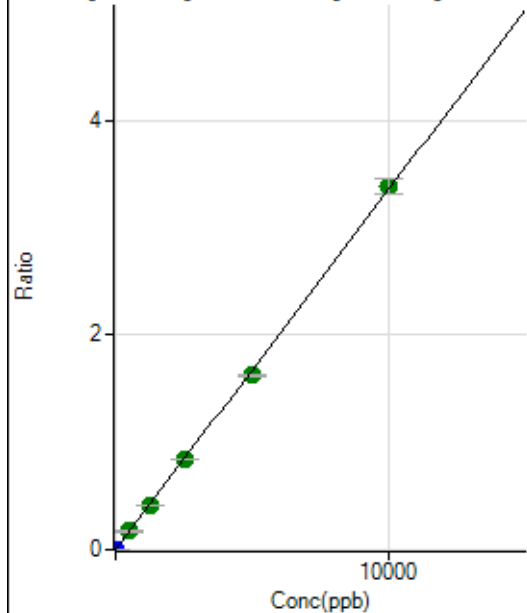
DL = 0.01423

BEC = 0.01602

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0000	P	27.1
2	☐	5.000	4.900	36401.55	0.0016	P	2.3
3	☐	500.000	509.380	3637963.67	0.1707	A	1.9
4	☐	1250.000	1229.798	9007591.69	0.4121	A	1.4
5	☐	2500.000	2490.631	17771722.27	0.8346	A	0.3
6	☐	5000.000	4847.208	34752459.81	1.6242	A	1.0
7	☐	10000.000	10080.795	69603788.36	3.3779	A	4.2
8	☐			17871.04	0.0009	P	5.7

$$y = 3.3508E-004 * x + 5.9068E-006$$

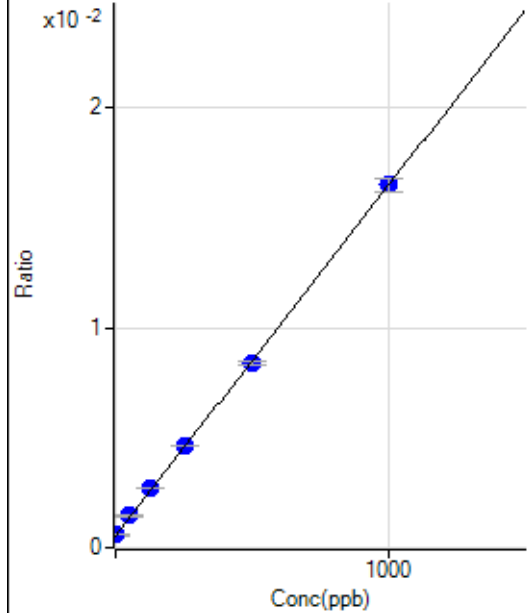
R = 0.9998

DL = 0.01431

BEC = 0.01763

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8741.88	0.0006	P	2.2
2	☐	1.000	0.696	8930.90	0.0006	P	2.9
3	☐	50.000	55.512	22644.28	0.0015	P	2.3
4	☐	125.000	135.904	41794.78	0.0027	P	1.4
5	☐	250.000	255.548	71919.22	0.0046	P	0.8
6	☐	500.000	492.720	132609.54	0.0084	P	1.7
7	☐	1000.000	1000.615	245741.87	0.0165	P	3.7
8	☐			8052.58	0.0005	P	6.0

$$y = 1.5919\text{E-}005 * x + 5.6850\text{E-}004$$

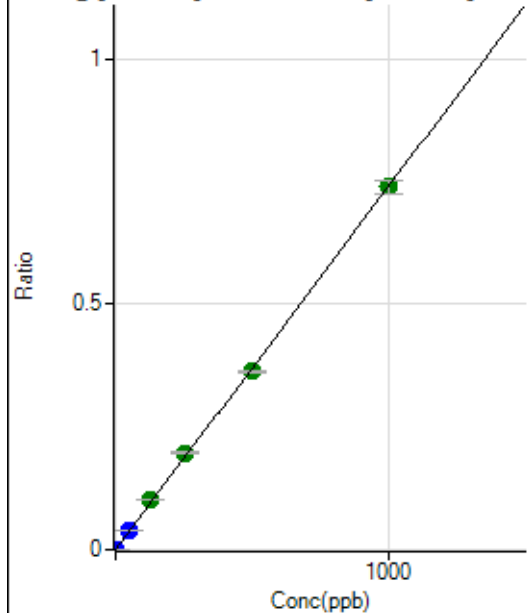
$$R = 0.9999$$

$$DL = 2.346$$

$$BEC = 35.71$$

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	241.67	0.0000	P	12.5
2	☐	1.000	1.077	12533.85	0.0008	P	7.4
3	☐	50.000	53.359	616412.81	0.0395	P	1.3
4	☐	125.000	136.739	1549722.36	0.1013	A	2.0
5	☐	250.000	267.279	3071130.47	0.1980	A	2.0
6	☐	500.000	490.506	5728885.37	0.3634	A	0.8
7	☐	1000.000	998.792	11021264.14	0.7399	A	3.7
8	☐			2758.68	0.0002	P	1.0

$$y = 7.4074\text{E-}004 * x + 1.5724\text{E-}005$$

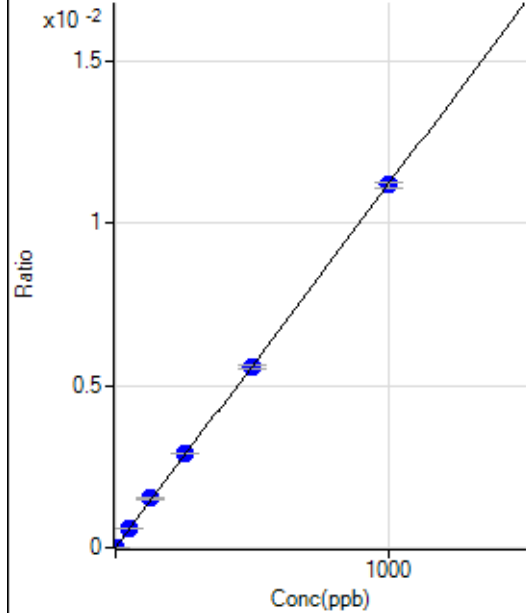
$$R = 0.9997$$

$$DL = 0.007986$$

$$BEC = 0.02123$$

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	66.67	0.0000	P	13.3
2	☐	1.000	1.208	275.01	0.0000	P	11.3
3	☐	50.000	53.538	9406.10	0.0006	P	3.4
4	☐	125.000	135.356	23239.26	0.0015	P	2.9
5	☐	250.000	259.759	45155.83	0.0029	P	0.8
6	☐	500.000	496.271	87622.59	0.0056	P	1.4
7	☐	1000.000	997.953	166455.89	0.0112	P	1.5
8	☐			187.50	0.0000	P	7.5

$$y = 1.1191\text{E-}005 * x + 4.3382\text{E-}006$$

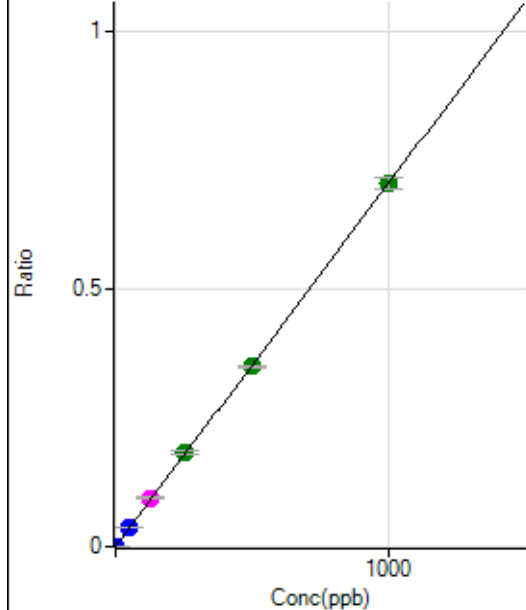
$$R = 0.9999$$

$$DL = 0.1545$$

$$BEC = 0.3877$$

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	163.90	0.0000	P	34.2
2	☐	1.000	1.076	11841.51	0.0008	P	3.4
3	☐	50.000	52.608	577881.73	0.0371	P	2.0
4	☐	125.000	134.247	1447417.22	0.0946	M	1.6
5	☐	250.000	260.273	2843596.83	0.1834	A	2.9
6	☐	500.000	495.392	5501844.44	0.3490	A	1.5
7	☐	1000.000	998.449	10478085.04	0.7034	A	3.2
8	☐			2600.33	0.0002	P	5.6

$$y = 7.0445\text{E-}004 * x + 1.0643\text{E-}005$$

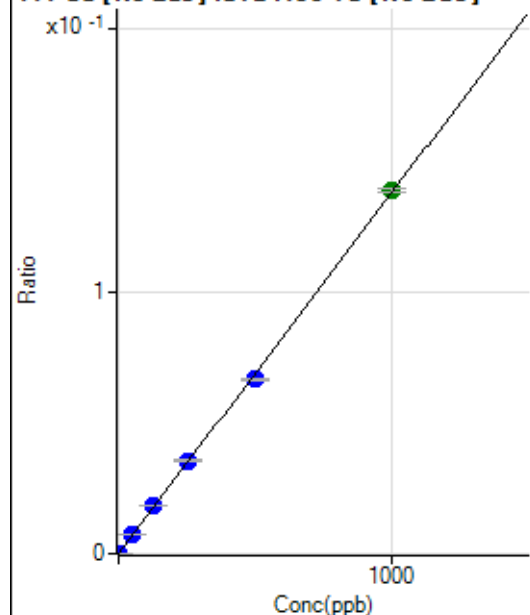
$$R = 0.9999$$

$$DL = 0.01549$$

$$BEC = 0.01511$$

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	855.30	0.0001	P	2.7
2	☐	1.000	1.099	3184.18	0.0002	P	3.5
3	☐	50.000	53.641	115780.00	0.0074	P	0.8
4	☐	125.000	132.562	279540.74	0.0183	P	2.0
5	☐	250.000	257.725	550140.38	0.0355	P	1.8
6	☐	500.000	482.276	1045598.64	0.0663	P	1.7
7	☐	1000.000	1005.803	2060108.26	0.1383	A	1.2
8	☐			1025.41	0.0001	P	12.5

$$y = 1.3742\text{E-}004 * x + 5.5619\text{E-}005$$

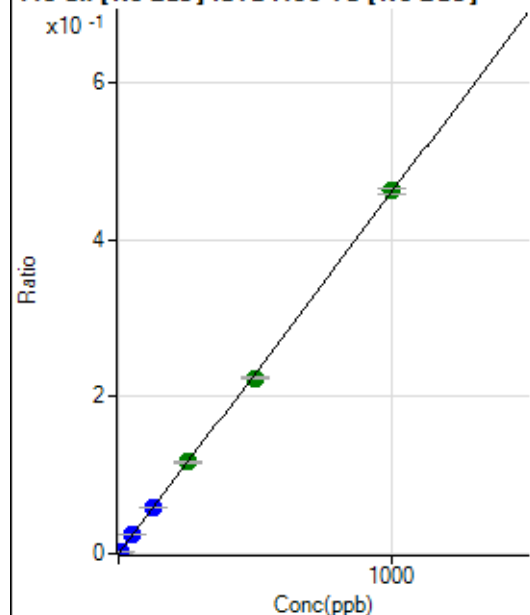
$$R = 0.9997$$

$$DL = 0.03277$$

$$BEC = 0.4048$$

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	2272.47	0.0001	P	4.1
2	☐	5.000	4.961	37388.32	0.0024	P	5.2
3	☐	50.000	52.103	375487.92	0.0241	P	0.9
4	☐	125.000	128.966	908679.76	0.0594	P	1.7
5	☐	250.000	254.195	1813638.78	0.1169	A	1.7
6	☐	500.000	486.966	3529337.19	0.2239	A	1.7
7	☐	1000.000	1004.868	6880874.20	0.4618	A	1.7
8	☐			7616.37	0.0005	P	2.8

$$y = 4.5943\text{E-}004 * x + 1.4774\text{E-}004$$

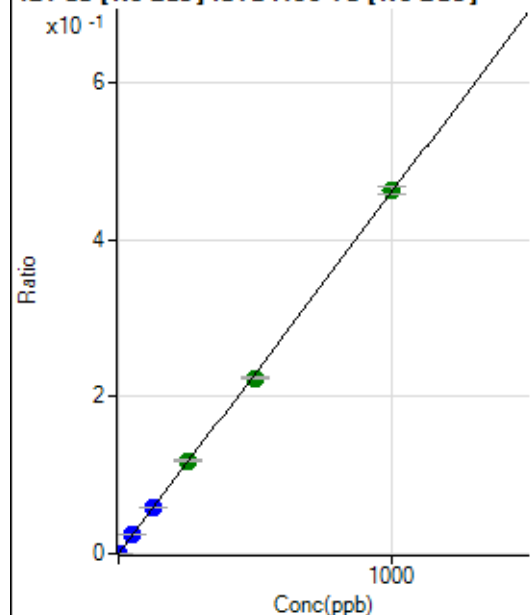
$$R = 0.9999$$

$$DL = 0.03944$$

$$BEC = 0.3216$$

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	52.78	0.0000	P	32.2
2	☐	2.000	2.011	14291.20	0.0009	P	2.3
3	☐	50.000	51.078	366008.61	0.0235	P	0.9
4	☐	125.000	128.774	905628.68	0.0592	P	0.2
5	☐	250.000	256.933	1831811.96	0.1181	A	1.3
6	☐	500.000	486.582	3525858.07	0.2236	A	0.8
7	☐	1000.000	1004.450	6877539.82	0.4616	A	2.0
8	☐			7352.20	0.0005	P	2.9

$$y = 4.5958\text{E-}004 * x + 3.4263\text{E-}006$$

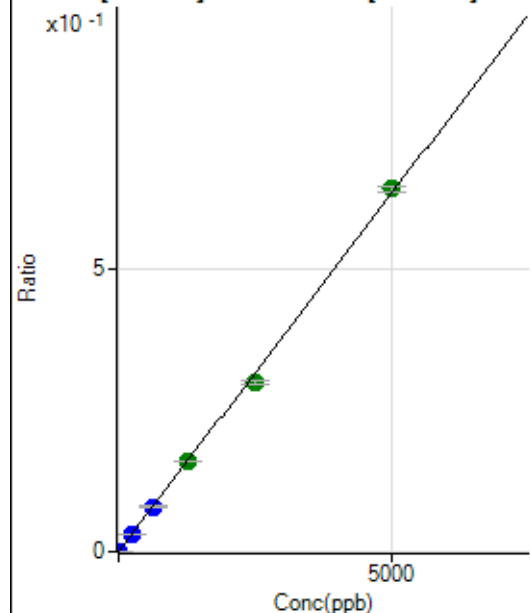
$$R = 0.9998$$

$$DL = 0.007212$$

$$BEC = 0.007455$$

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	30.56	0.0000	P	30.8
2	☐	10.000	9.726	19033.38	0.0012	P	2.4
3	☐	250.000	249.972	494227.06	0.0317	P	1.4
4	☐	625.000	629.327	1220976.80	0.0798	P	1.0
5	☐	1250.000	1263.914	2485818.05	0.1603	A	1.7
6	☐	2500.000	2360.407	4719552.84	0.2993	A	1.3
7	☐	5000.000	5065.779	9570725.56	0.6424	A	1.8
8	☐			4436.98	0.0003	P	3.4

$$y = 1.2681\text{E-}004 * x + 1.9845\text{E-}006$$

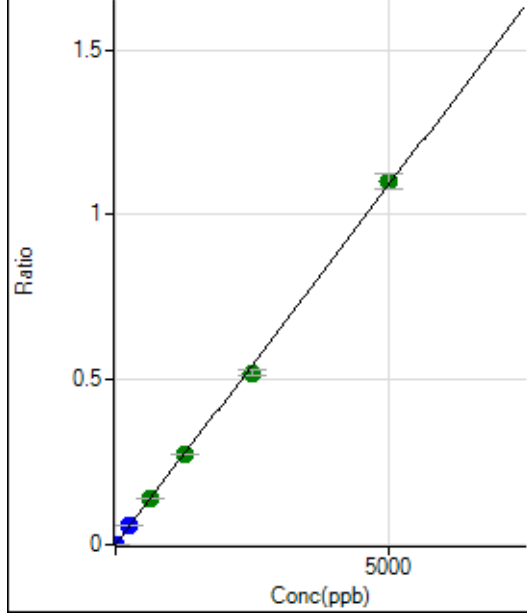
$$R = 0.9994$$

$$DL = 0.01446$$

$$BEC = 0.01565$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	17.2
2	☐	10.000	9.950	33422.61	0.0022	P	2.6
3	☐	250.000	256.298	869790.24	0.0558	P	1.6
4	☐	625.000	638.594	2127160.98	0.1390	A	0.2
5	☐	1250.000	1257.691	4246502.35	0.2738	A	1.8
6	☐	2500.000	2393.671	8213627.09	0.5211	A	2.4
7	☐	5000.000	5049.228	16372761.65	1.0992	A	4.3
8	☐			7638.48	0.0005	P	5.3

$$y = 2.1769E-004 * x + 3.2534E-006$$

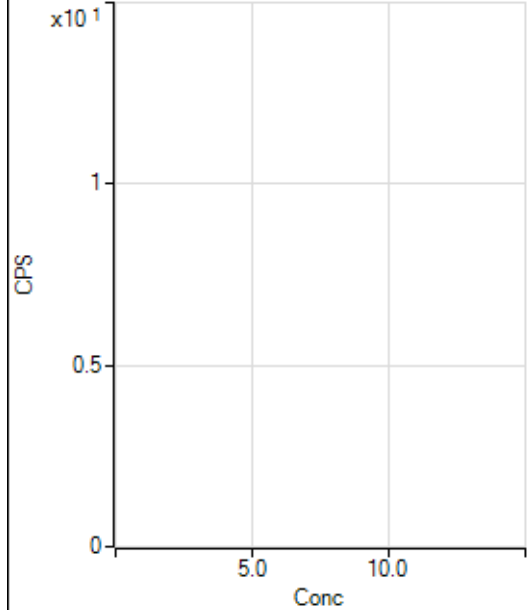
$$R = 0.9997$$

$$DL = 0.007711$$

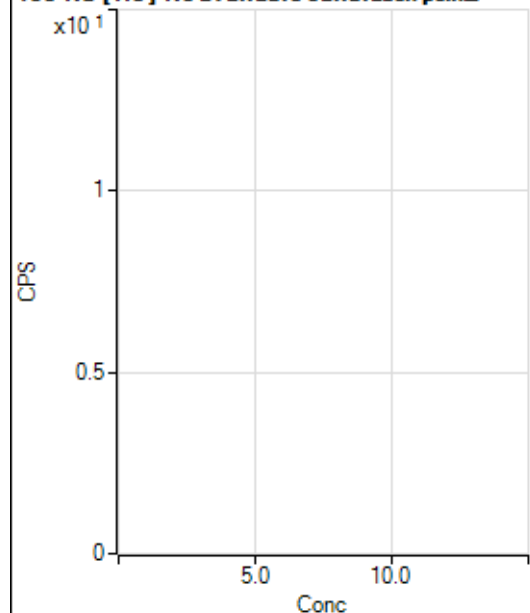
$$BEC = 0.01495$$

Weight: <None>

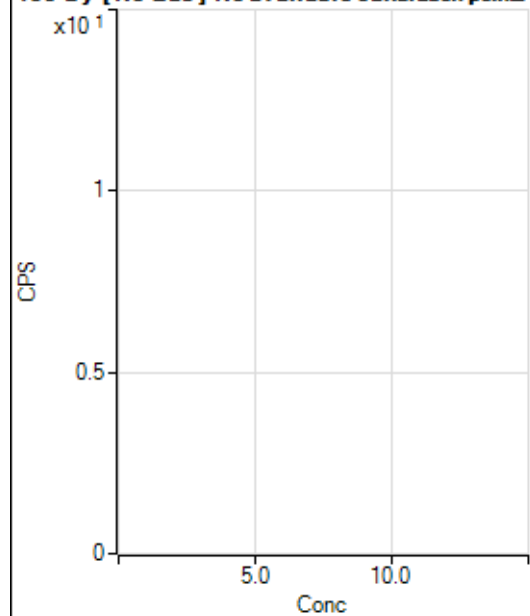
Min Conc: 0

150 Nd [No Gas] No available calibration points

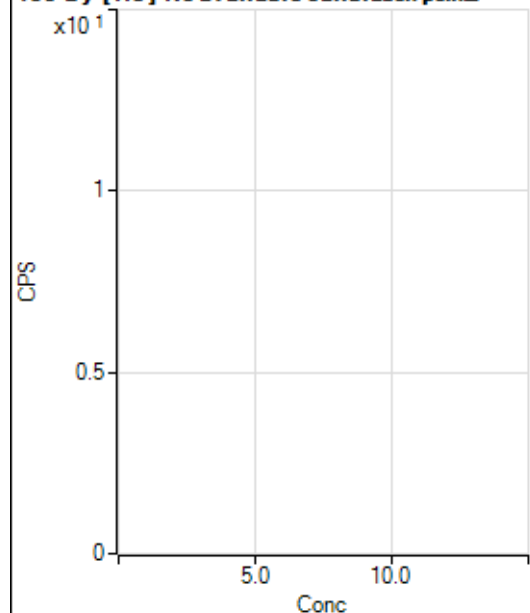
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	0.0
2	☐			13.33		P	86.6
3	☐			73.33		P	36.4
4	☐			128.89		P	28.5
5	☐			253.34		P	4.6
6	☐			471.13		P	16.4
7	☐			940.06		P	10.7
8	☐			95.56		P	29.0

150 Nd [He] No available calibration points

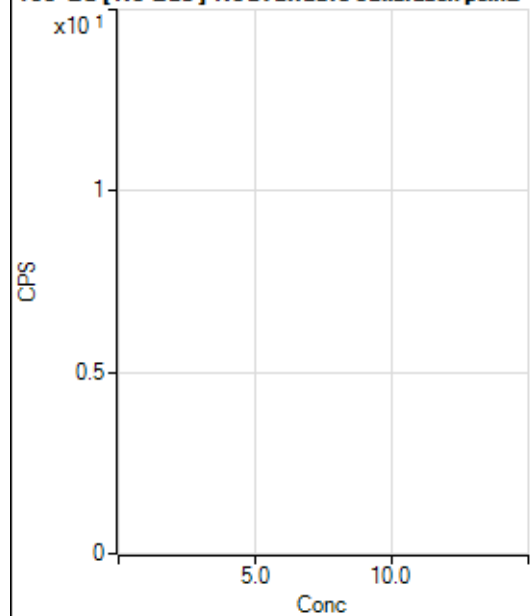
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	86.6
3	☐			7.78		P	65.5
4	☐			12.22		P	68.7
5	☐			11.11		P	75.5
6	☐			55.56		P	30.8
7	☐			74.44		P	27.0
8	☐			31.11		P	27.0

156 Dy [No Gas] No available calibration points

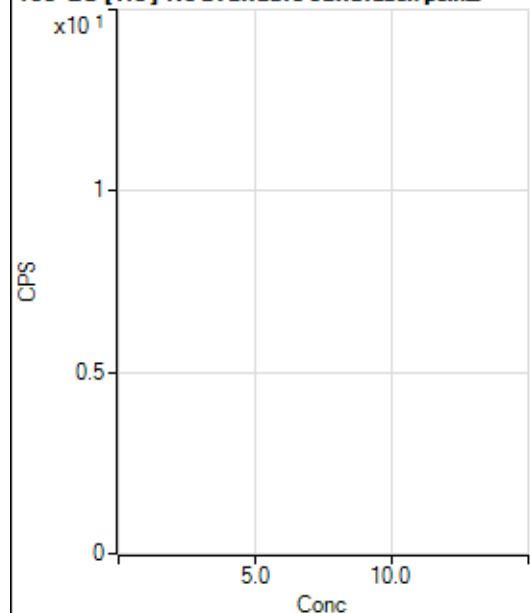
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.0
2	☐			8.33		P	100.0
3	☐			38.89		P	61.9
4	☐			63.89		P	41.9
5	☐			100.00		P	36.3
6	☐			202.78		P	6.3
7	☐			475.02		P	4.6
8	☐			997.29		P	22.6

156 Dy [He] No available calibration points

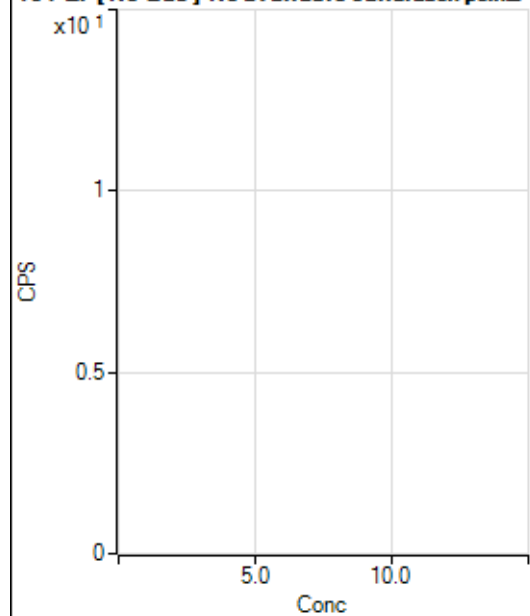
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			6.67		P	100.0
3	☐			8.89		P	108.3
4	☐			28.89		P	24.0
5	☐			46.67		P	43.4
6	☐			67.78		P	24.3
7	☐			157.78		P	13.6
8	☐			330.01		P	3.0

160 Gd [No Gas] Noavailable calibration poin_

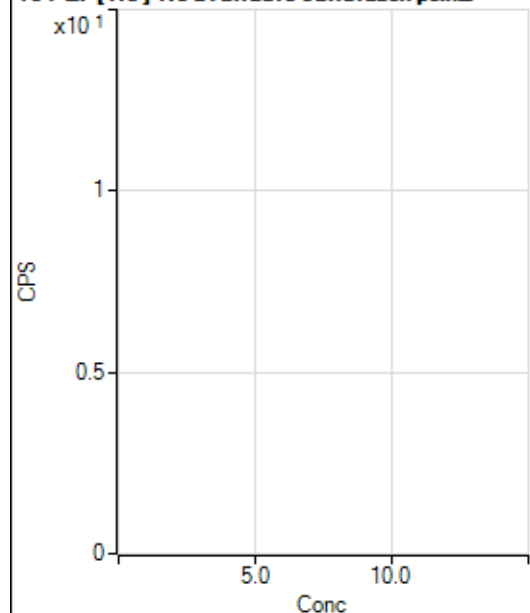
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			183.34		P	15.7
2	☐			166.67		P	25.0
3	☐			183.34		P	24.1
4	☐			194.45		P	35.9
5	☐			241.67		P	12.4
6	☐			280.57		P	10.4
7	☐			358.35		P	18.6
8	☐			719.48		P	9.6

160 Gd [He] No available calibration points

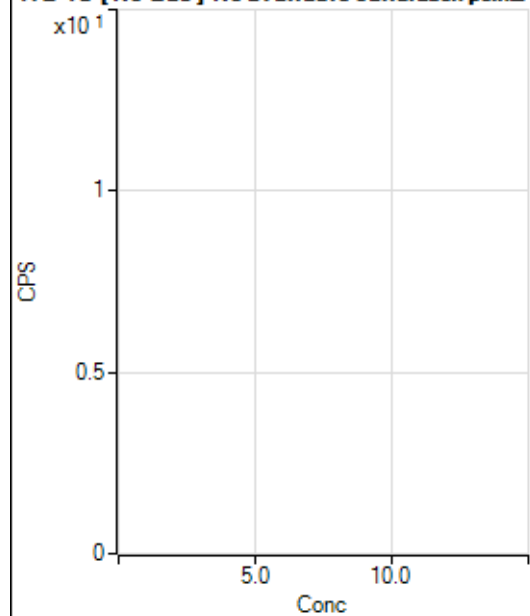
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			154.45		P	15.2
2	☐			175.56		P	23.7
3	☐			166.67		P	13.1
4	☐			140.00		P	12.4
5	☐			184.45		P	2.8
6	☐			205.56		P	16.2
7	☐			244.45		P	15.3
8	☐			404.46		P	19.5

164 Er [No Gas] No available calibration points

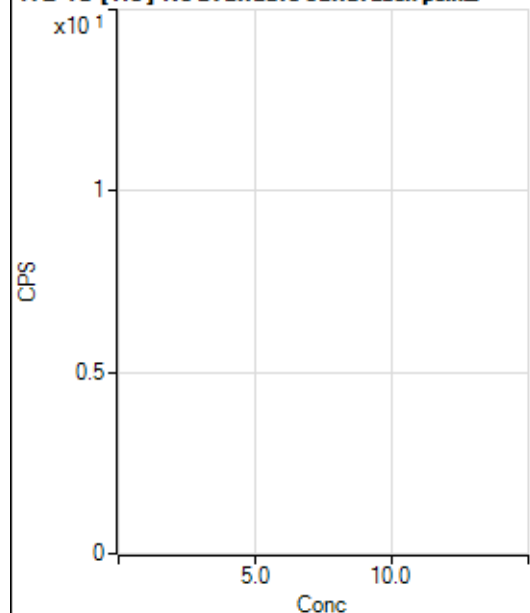
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	36.7
2	☐			52.78		P	18.2
3	☐			72.23		P	13.3
4	☐			58.33		P	37.8
5	☐			72.22		P	24.0
6	☐			147.23		P	33.2
7	☐			208.34		P	36.7
8	☐			108.34		P	46.2

164 Er [He] No available calibration points

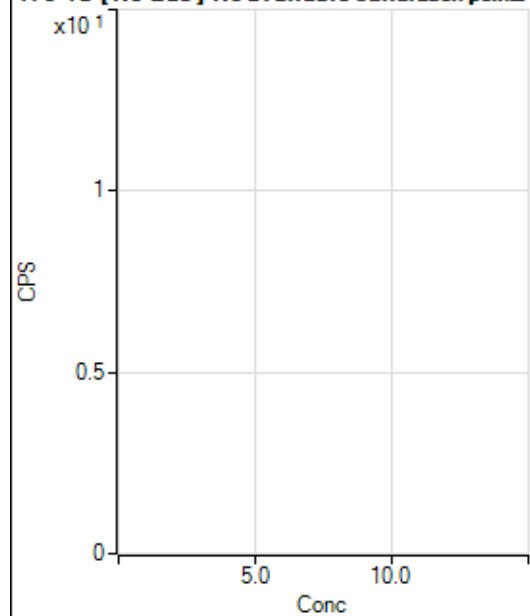
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.55		P	27.1
2	☐			18.89		P	27.0
3	☐			22.22		P	37.8
4	☐			24.45		P	55.1
5	☐			48.89		P	37.6
6	☐			51.11		P	37.7
7	☐			103.34		P	24.4
8	☐			57.78		P	23.3

172 Yb [No Gas] No available calibration points

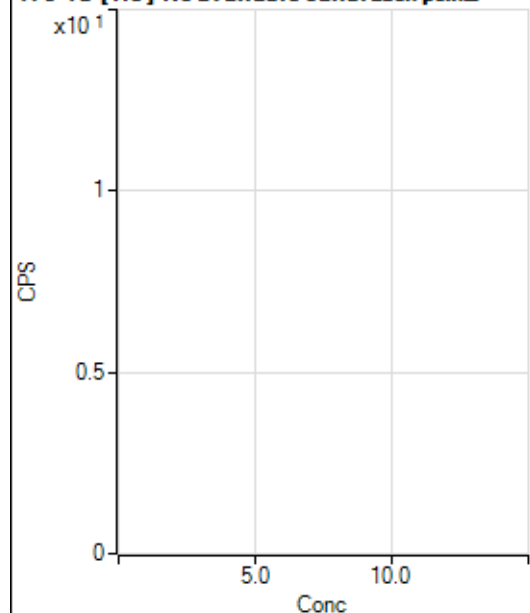
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	14.3
2	☐			50.00		P	16.7
3	☐			80.56		P	26.0
4	☐			116.67		P	39.8
5	☐			102.78		P	16.9
6	☐			152.78		P	8.3
7	☐			219.45		P	9.6
8	☐			213.90		P	15.7

172 Yb [He] No available calibration points

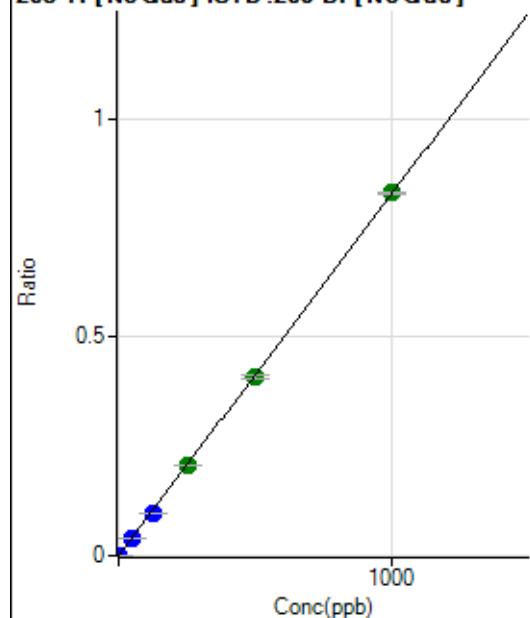
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.59		P	19.9
2	☐			31.48		P	40.7
3	☐			35.19		P	24.1
4	☐			53.70		P	33.3
5	☐			53.71		P	26.0
6	☐			64.82		P	13.1
7	☐			96.30		P	16.7
8	☐			87.04		P	13.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3144.92		P	8.3
2	☐			3111.57		P	6.8
3	☐			3867.35		P	4.8
4	☐			5014.98		P	3.4
5	☐			7396.75		P	3.3
6	☐			11313.42		P	2.5
7	☐			19512.16		P	1.2
8	☐			3200.49		P	5.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10947.30		P	4.5
2	☐			11036.31		P	2.8
3	☐			11167.85		P	4.0
4	☐			11414.37		P	2.4
5	☐			12396.76		P	1.8
6	☐			14185.60		P	1.2
7	☐			17780.78		P	1.0
8	☐			10230.07		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	750.04	0.0001	P	6.8
2	☐	1.000	0.885	7291.11	0.0008	P	1.8
3	☐	50.000	48.656	358278.89	0.0404	P	1.2
4	☐	125.000	116.521	871728.16	0.0965	P	3.6
5	☐	250.000	249.803	1845512.48	0.2068	A	0.9
6	☐	500.000	495.118	3565258.19	0.4099	A	2.5
7	☐	1000.000	1003.617	6899923.33	0.8307	A	0.3
8	☐			2705.92	0.0004	P	4.9

$$y = 8.2764E-004 * x + 8.5064E-005$$

$$R = 1.0000$$

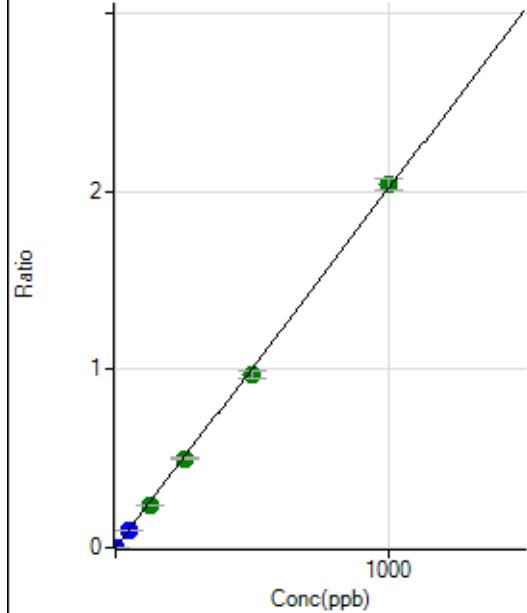
$$DL = 0.02109$$

$$BEC = 0.1028$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1661.27	0.0002	P	7.2
2	☐	1.000	0.914	18107.67	0.0020	P	2.2
3	☐	50.000	48.828	875290.77	0.0986	P	1.4
4	☐	125.000	118.036	2149839.20	0.2380	A	3.4
5	☐	250.000	248.777	4474594.85	0.5015	A	1.6
6	☐	500.000	481.702	8443624.93	0.9709	A	3.5
7	☐	1000.000	1010.384	16910342.91	2.0362	A	3.2
8	☐			6579.64	0.0009	P	5.5

$$y = 0.0020 * x + 1.8840E-004$$

$$R = 0.9997$$

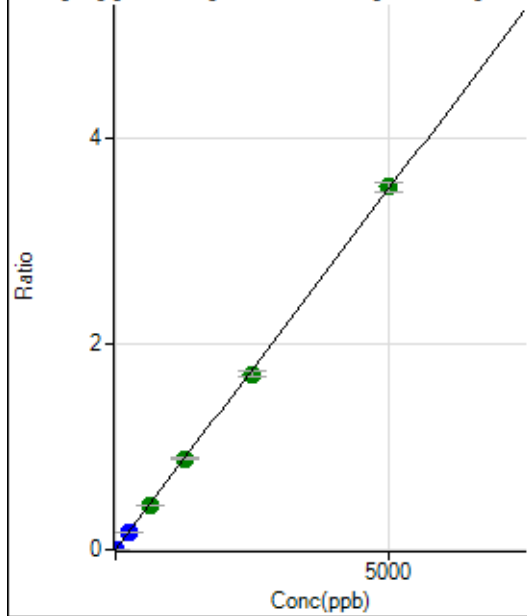
$$DL = 0.02017$$

$$BEC = 0.09349$$

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	1120.44	0.0001	P	3.2
2	☐	1.000	0.888	6690.73	0.0008	P	2.7
3	☐	250.000	237.663	1481027.72	0.1668	P	1.2
4	☐	625.000	606.426	3843697.54	0.4254	A	2.1
5	☐	1250.000	1260.367	7888500.93	0.8841	A	1.1
6	☐	2500.000	2433.300	14846043.74	1.7067	A	2.9
7	☐	5000.000	5033.697	29323180.52	3.5305	A	2.4
8	☐			6010.90	0.0008	P	10.5

$$y = 7.0135E-004 * x + 1.2705E-004$$

$$R = 0.9999$$

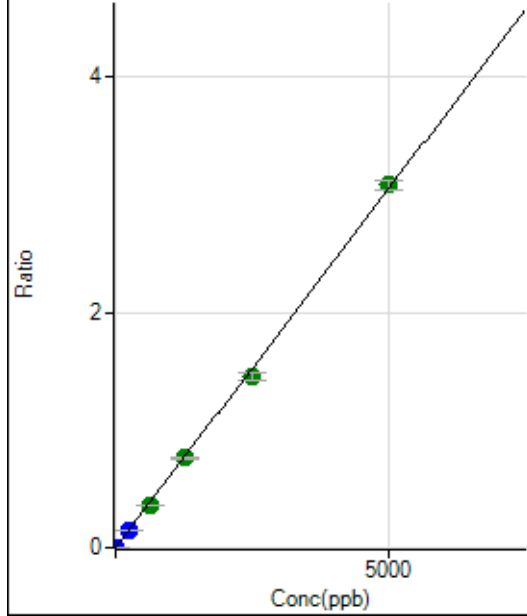
$$DL = 0.0173$$

$$BEC = 0.1812$$

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	901.90	0.0001	P	5.2
2	☐	1.000	0.869	5638.37	0.0006	P	2.5
3	☐	250.000	235.272	1274512.87	0.1436	P	2.1
4	☐	625.000	594.325	3275487.86	0.3625	A	1.3
5	☐	1250.000	1251.782	6811713.06	0.7634	A	1.9
6	☐	2500.000	2393.834	12693178.64	1.4598	A	4.7
7	☐	5000.000	5057.208	25613037.84	3.0840	A	2.7
8	☐			4910.34	0.0007	P	2.7

$$y = 6.0979\text{E-}004 * x + 1.0228\text{E-}004$$

$$R = 0.9997$$

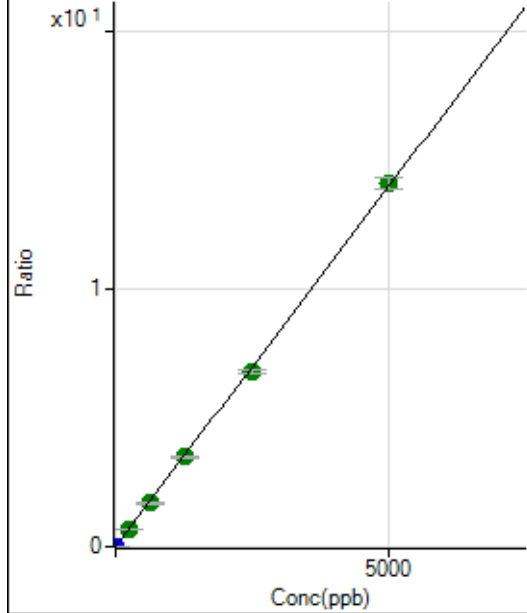
$$DL = 0.02616$$

$$BEC = 0.1677$$

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	4213.31	0.0005	P	1.0
2	☐	1.000	0.905	26789.27	0.0030	P	0.9
3	☐	250.000	244.199	6056950.48	0.6822	A	1.4
4	☐	625.000	603.313	15220130.09	1.6848	A	2.1
5	☐	1250.000	1247.008	31068686.34	3.4819	A	1.3
6	☐	2500.000	2428.995	58991508.50	6.7818	A	2.6
7	☐	5000.000	5039.251	116843523.4	14.0691	A	3.0
8	☐			23387.37	0.0032	P	6.4

$$y = 0.0028 * x + 4.7768\text{E-}004$$

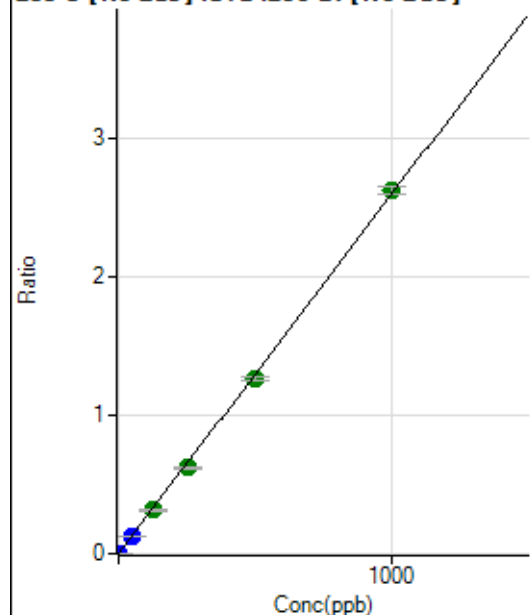
$$R = 0.9998$$

$$DL = 0.005222$$

$$BEC = 0.1711$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.3
2	☐	1.000	0.928	21552.24	0.0024	P	3.4
3	☐	50.000	47.726	1102331.29	0.1241	P	0.3
4	☐	125.000	121.244	2847997.44	0.3154	A	4.2
5	☐	250.000	238.460	5533910.45	0.6202	A	2.1
6	☐	500.000	487.481	11031628.98	1.2679	A	1.5
7	☐	1000.000	1009.728	21812221.32	2.6263	A	2.1
8	☐			1858.55	0.0003	P	11.6

$$y = 0.0026 * x + 2.5180E-006$$

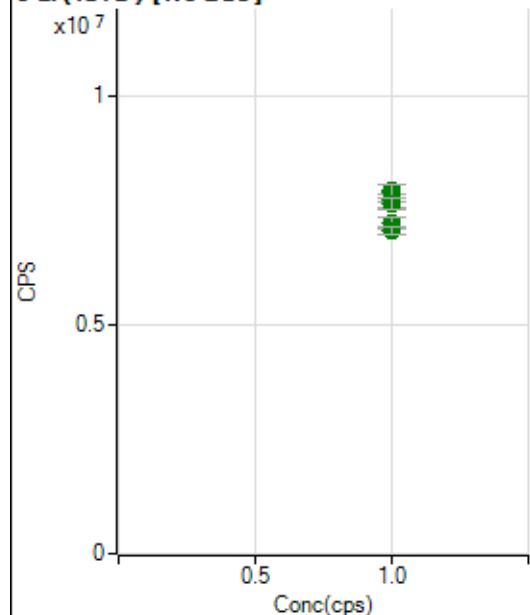
$$R = 0.9998$$

$$DL = 0.0006176$$

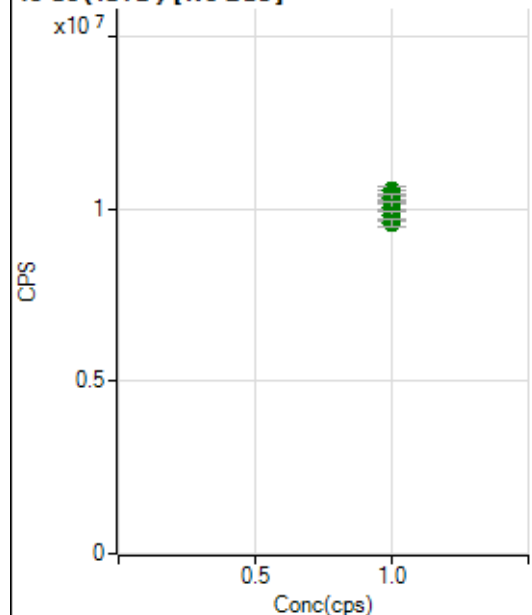
$$BEC = 0.0009681$$

Weight: <None>

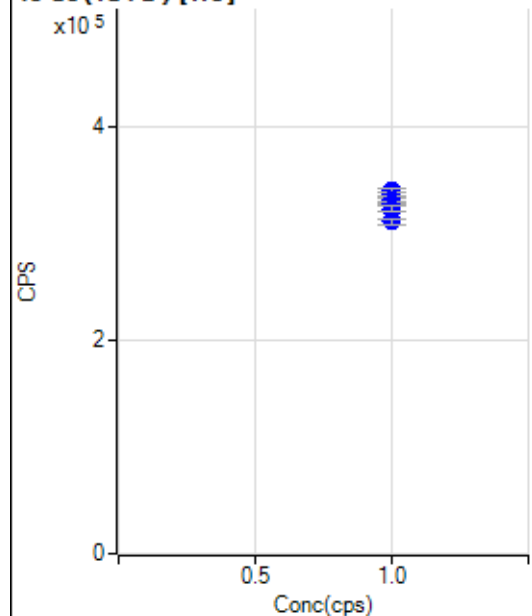
Min Conc: 0

6 Li (ISTD) [No Gas]

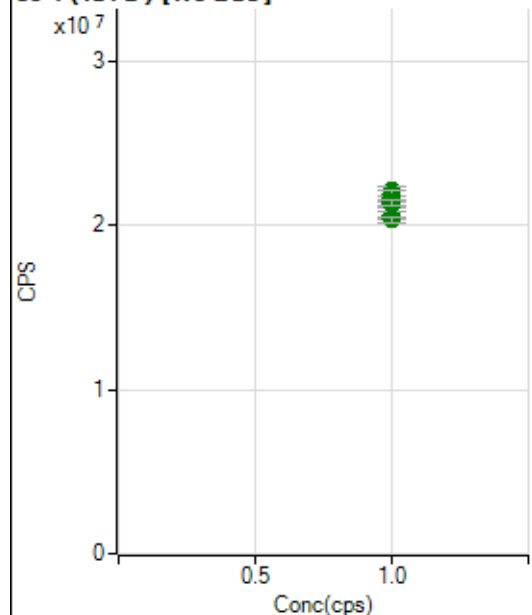
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7762250.36		A	1.0
2	☐	1.000		7775027.82		A	2.3
3	☐	1.000		7934923.93		A	3.4
4	☐	1.000		7941966.59		A	4.0
5	☐	1.000		7645162.60		A	1.3
6	☐	1.000		7655276.23		A	3.2
7	☐	1.000		7239085.75		A	3.5
8	☐	1.000		7078796.51		A	2.8

45 Sc (ISTD) [No Gas]

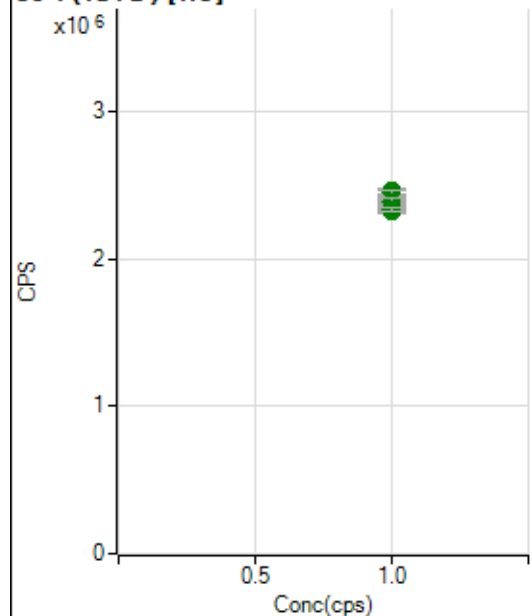
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10389634.36		A	2.6
2	☐	1.000		10530079.91		A	2.4
3	☐	1.000		10410054.98		A	0.9
4	☐	1.000		10320822.35		A	1.9
5	☐	1.000		10068379.92		A	1.3
6	☐	1.000		10068422.00		A	2.4
7	☐	1.000		9820349.16		A	2.8
8	☐	1.000		9600411.18		A	1.8

45 Sc (ISTD) [He]

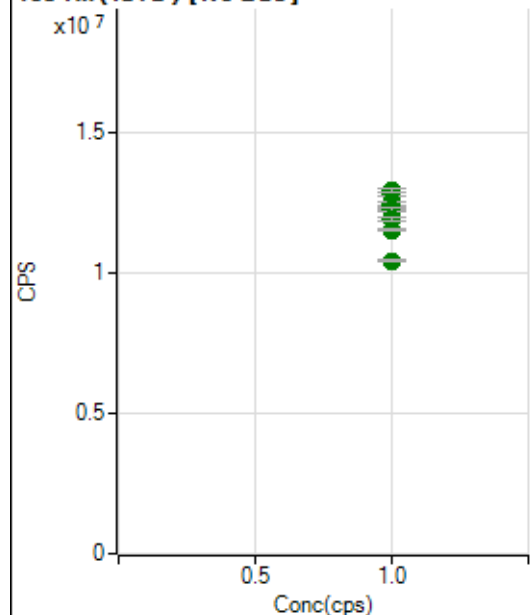
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		336052.83		P	1.7
2	☐	1.000		337674.83		P	2.8
3	☐	1.000		339753.99		P	0.9
4	☐	1.000		331714.94		P	1.9
5	☐	1.000		322878.61		P	1.4
6	☐	1.000		328121.44		P	1.0
7	☐	1.000		323146.07		P	1.2
8	☐	1.000		310705.37		P	1.3

89 Y (ISTD) [No Gas]

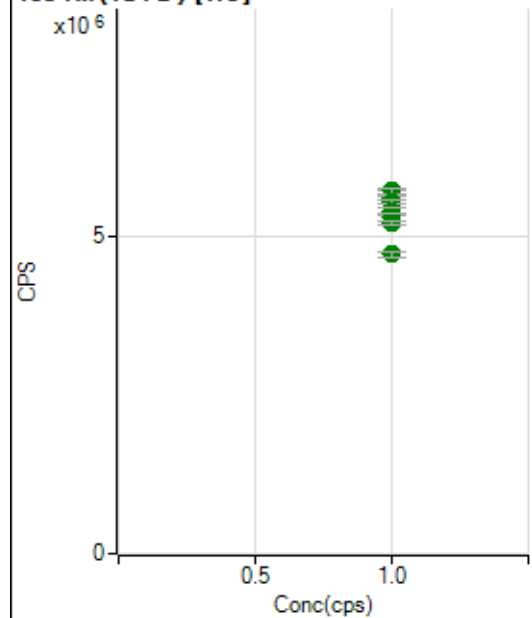
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21625973.29		A	1.3
2	☐	1.000		22097893.01		A	2.4
3	☐	1.000		21316346.63		A	1.8
4	☐	1.000		21864312.31		A	2.8
5	☐	1.000		21294494.40		A	0.8
6	☐	1.000		21398050.38		A	1.3
7	☐	1.000		20615079.14		A	2.0
8	☐	1.000		20328594.28		A	1.8

89 Y (ISTD) [He]

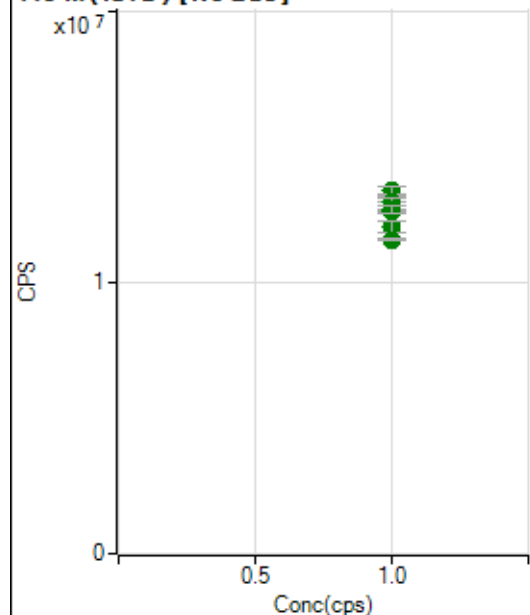
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2407918.75		A	0.2
2	☐	1.000		2465836.99		A	1.5
3	☐	1.000		2451099.41		A	1.6
4	☐	1.000		2387249.48		A	0.6
5	☐	1.000		2360253.13		A	2.4
6	☐	1.000		2393642.73		A	2.1
7	☐	1.000		2325935.40		A	1.5
8	☐	1.000		2335956.51		A	1.0

103 Rh (ISTD) [No Gas]

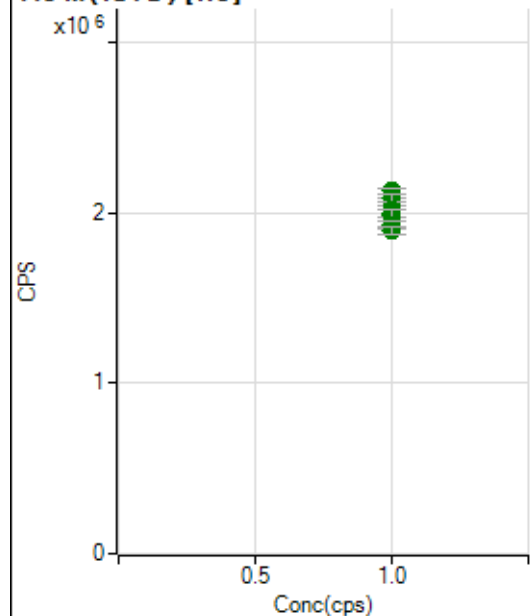
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12850633.97		A	1.2
2	☐	1.000		12944707.67		A	1.1
3	☐	1.000		12492310.26		A	1.1
4	☐	1.000		12431361.04		A	2.2
5	☐	1.000		12289551.49		A	1.1
6	☐	1.000		11928939.94		A	1.1
7	☐	1.000		11555063.71		A	0.8
8	☐	1.000		10456974.89		A	0.6

103 Rh (ISTD) [He]

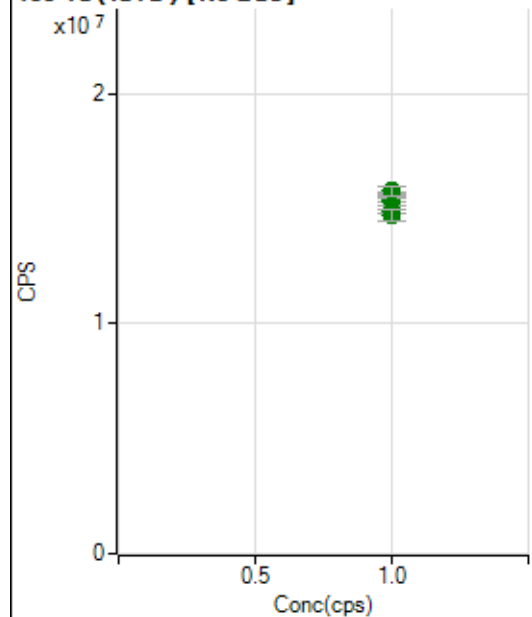
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5665558.91		A	2.4
2	☐	1.000		5613622.28		A	1.0
3	☐	1.000		5727874.57		A	1.4
4	☐	1.000		5546306.45		A	1.2
5	☐	1.000		5398395.93		A	2.0
6	☐	1.000		5311611.21		A	1.8
7	☐	1.000		5231512.59		A	1.0
8	☐	1.000		4731585.76		A	2.1

115 In (ISTD) [No Gas]

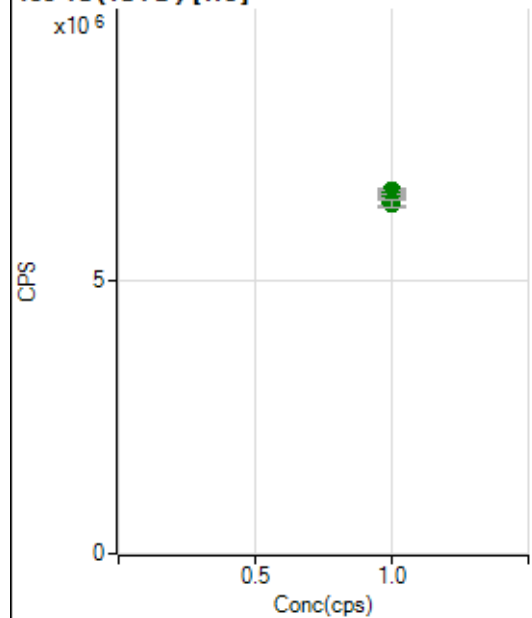
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13004480.81		A	2.4
2	☐	1.000		13375417.68		A	2.0
3	☐	1.000		12800981.56		A	2.4
4	☐	1.000		12969344.66		A	2.6
5	☐	1.000		12627372.47		A	1.2
6	☐	1.000		12686868.40		A	2.1
7	☐	1.000		12071070.36		A	3.4
8	☐	1.000		11565208.23		A	0.8

115 In (ISTD) [He]

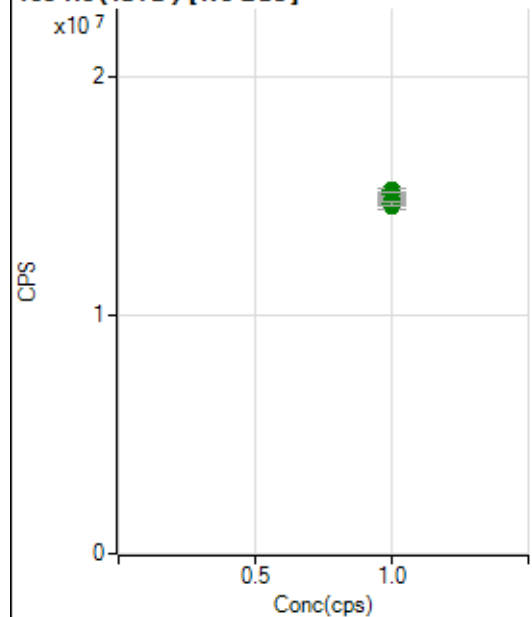
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2065526.43		A	2.0
2	☐	1.000		2128609.29		A	1.9
3	☐	1.000		2089402.01		A	1.9
4	☐	1.000		2017889.66		A	0.2
5	☐	1.000		1999436.23		A	2.0
6	☐	1.000		1987839.26		A	3.3
7	☐	1.000		1928060.76		A	2.0
8	☐	1.000		1897628.55		A	2.4

159 Tb (ISTD) [No Gas]

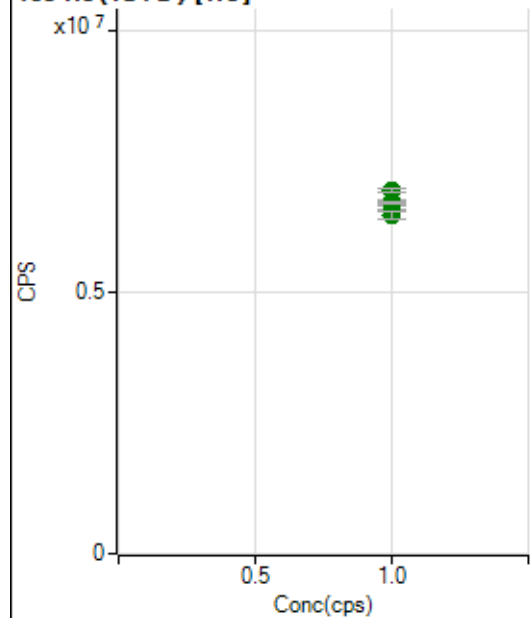
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15378054.35		A	0.8
2	☐	1.000		15411659.77		A	1.6
3	☐	1.000		15590591.02		A	1.1
4	☐	1.000		15301172.69		A	1.9
5	☐	1.000		15511630.19		A	1.1
6	☐	1.000		15768542.96		A	2.4
7	☐	1.000		14900843.95		A	1.3
8	☐	1.000		14702214.92		A	3.6

159 Tb (ISTD) [He]

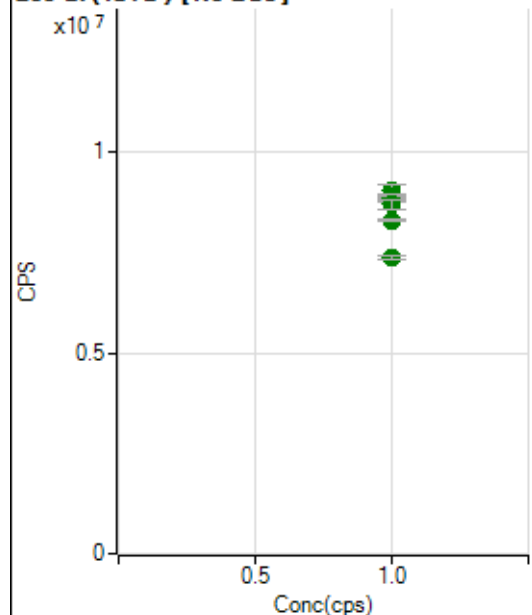
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6560261.08		A	1.0
2	☐	1.000		6614580.87		A	1.8
3	☐	1.000		6659965.11		A	0.9
4	☐	1.000		6599081.84		A	1.9
5	☐	1.000		6629191.85		A	1.1
6	☐	1.000		6549050.39		A	1.7
7	☐	1.000		6451025.11		A	2.3
8	☐	1.000		6420647.34		A	2.1

165 Ho (ISTD) [No Gas]

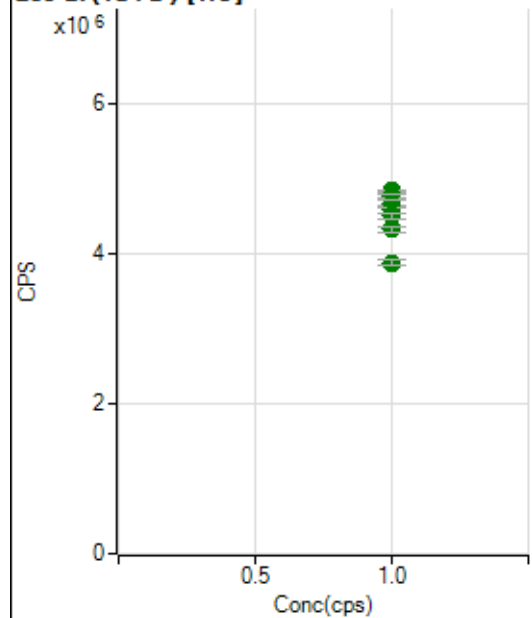
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14616971.68		A	2.3
2	☐	1.000		14988254.33		A	0.9
3	☐	1.000		14941051.38		A	0.4
4	☐	1.000		15200339.92		A	1.2
5	☐	1.000		14726397.21		A	1.8
6	☐	1.000		15081303.98		A	1.3
7	☐	1.000		14716189.39		A	1.1
8	☐	1.000		14641999.11		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6642661.43		A	1.1
2	☐	1.000		6724281.29		A	1.0
3	☐	1.000		6942757.26		A	0.9
4	☐	1.000		6667265.53		A	2.3
5	☐	1.000		6652063.51		A	2.2
6	☐	1.000		6677695.81		A	0.8
7	☐	1.000		6704202.54		A	0.5
8	☐	1.000		6463616.02		A	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8820111.33		A	0.8
2	☐	1.000		8919619.45		A	1.4
3	☐	1.000		8879722.37		A	2.1
4	☐	1.000		9037545.21		A	3.0
5	☐	1.000		8923117.92		A	0.7
6	☐	1.000		8703078.21		A	3.1
7	☐	1.000		8306094.67		A	0.7
8	☐	1.000		7376924.40		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4846208.89		A	0.7
2	☐	1.000		4754531.21		A	1.5
3	☐	1.000		4787002.46		A	1.0
4	☐	1.000		4683675.38		A	1.6
5	☐	1.000		4587792.57		A	1.3
6	☐	1.000		4510615.90		A	2.0
7	☐	1.000		4332004.48		A	1.9
8	☐	1.000		3890541.64		A	1.7