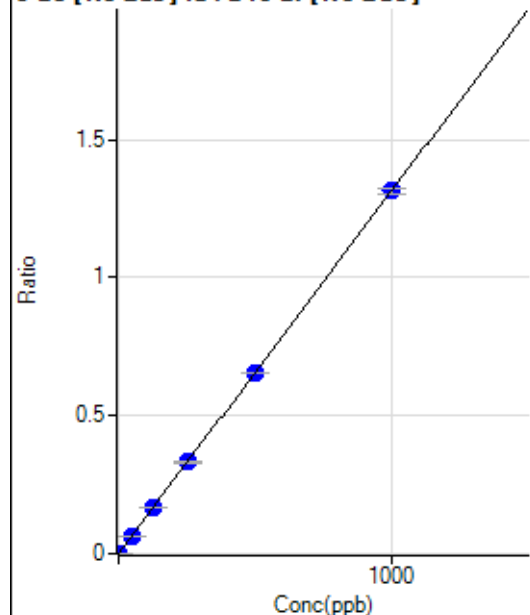


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7081621-MS.b\
Analysis File: P7081621-MS.batch.bin
DA Date-Time: 2021-08-16 14:10:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-08-16 12:12:21
2	003CAL.S.d	S02	2021-08-16 12:15:30
3	004CAL.S.d	S03	2021-08-16 12:18:41
4	005CAL.S.d	S04	2021-08-16 12:21:50
5	006CAL.S.d	S05	2021-08-16 12:24:58
6	007CAL.S.d	S06	2021-08-16 12:28:05
7	008CAL.S.d	S07	2021-08-16 12:31:07
8	009CAL.S.d	S08	2021-08-16 12:34:05

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	170.37	0.0001	P	7.5
2	☐	1.000	1.013	1840.88	0.0015	P	4.6
3	☐	50.000	48.978	80755.98	0.0645	P	0.8
4	☐	125.000	124.886	201690.69	0.1642	P	0.3
5	☐	250.000	252.742	394579.55	0.3322	P	1.0
6	☐	500.000	498.122	754802.59	0.6546	P	0.4
7	☐	1000.000	1000.319	1474830.63	1.3145	P	1.7
8	☐			1081.54	0.0010	P	8.8

$$y = 0.0013 * x + 1.3393E-004$$

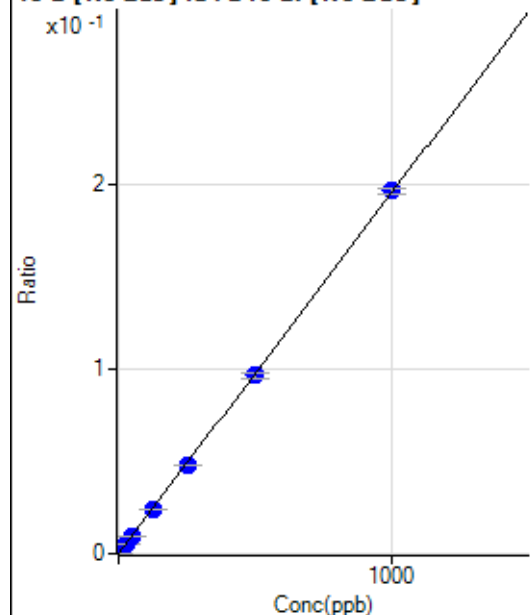
$$R = 1.0000$$

$$DL = 0.02285$$

$$BEC = 0.1019$$

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	66.67	0.0001	P	12.0
2	☐	25.000	25.007	6201.42	0.0049	P	6.0
3	☐	50.000	49.159	12088.44	0.0097	P	2.6
4	☐	125.000	122.236	29381.66	0.0239	P	1.9
5	☐	250.000	243.970	56653.55	0.0477	P	1.0
6	☐	500.000	493.345	111167.04	0.0964	P	2.5
7	☐	1000.000	1005.222	220340.97	0.1964	P	1.6
8	☐			3328.23	0.0031	P	8.6

$$y = 1.9531E-004 * x + 5.2369E-005$$

$$R = 0.9999$$

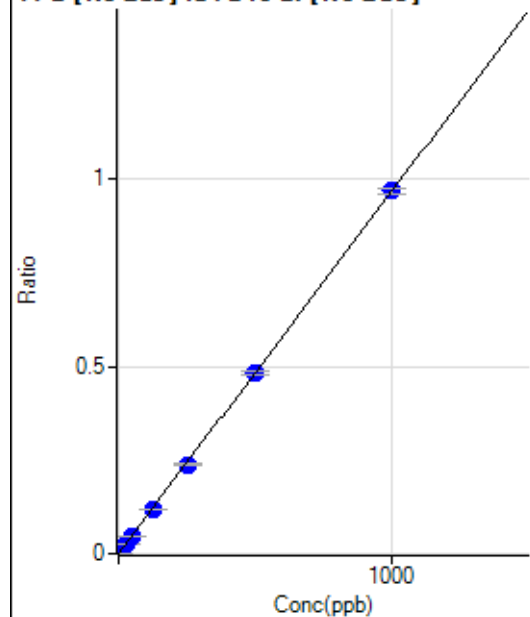
$$DL = 0.0968$$

$$BEC = 0.2681$$

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	452.79	0.0004	P	21.0
2	☐	25.000	24.528	30230.61	0.0241	P	5.1
3	☐	50.000	47.941	58468.69	0.0467	P	2.7
4	☐	125.000	121.214	144306.29	0.1175	P	1.1
5	☐	250.000	246.481	283335.53	0.2386	P	1.3
6	☐	500.000	498.936	556378.71	0.4826	P	1.3
7	☐	1000.000	1002.000	1087000.22	0.9687	P	1.4
8	☐			15986.57	0.0148	P	8.9

$$y = 9.6645E-004 * x + 3.5618E-004$$

$$R = 1.0000$$

$$DL = 0.2318$$

$$BEC = 0.3685$$

Weight: <None>

Min Conc: 0

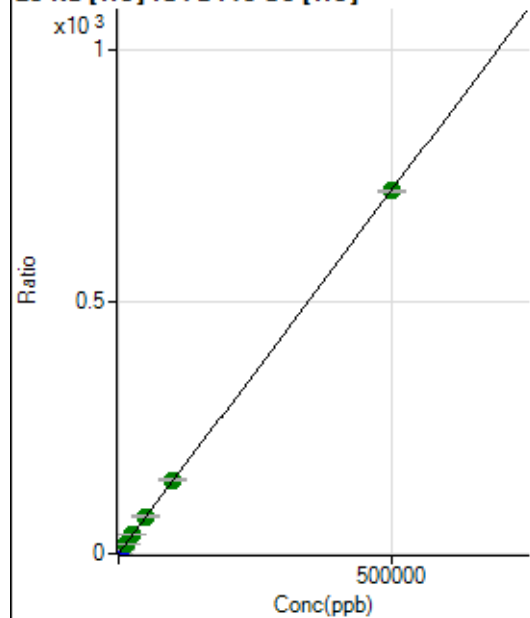
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23198.92	0.0701	P	2.9
2	☐	500.000	554.091	287616.95	0.8700	P	0.8
3	☐	5000.000	5391.326	2510261.84	7.8533	P	0.7
4	☐	12500.000	13285.016	5832310.42	19.2489	A	1.2
5	☐	25000.000	26077.606	10907220.38	37.7168	A	0.2
6	☐	50000.000	51280.397	21237645.44	74.1005	A	3.4
7	☐	100000.00	101871.21	41131140.85	147.1353	A	0.5
8	☐	500000.00	499420.24	193262266.8	721.0523	A	0.7

$$y = 0.0014 * x + 0.0701$$

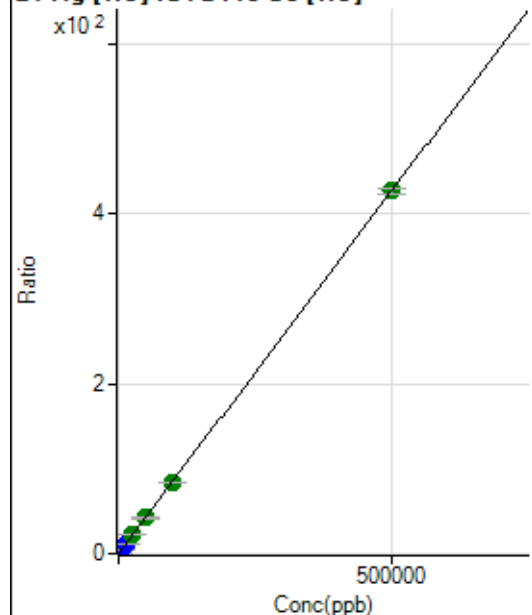
$$R = 1.0000$$

$$DL = 4.222$$

$$BEC = 48.58$$

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	1527.89	0.0046	P	10.2
2	☐	500.000	535.115	152402.82	0.4610	P	0.3
3	☐	5000.000	5288.746	1443282.68	4.5153	P	1.4
4	☐	12500.000	13165.394	3403371.17	11.2331	P	1.3
5	☐	25000.000	25529.220	6297837.08	21.7780	A	0.5
6	☐	50000.000	49625.004	12129182.48	42.3288	A	4.3
7	☐	100000.00	98393.618	23460549.83	83.9225	A	0.9
8	☐	500000.00	500312.75	114376305.3	426.7111	A	1.3

$$y = 8.5288\text{E-}004 * x + 0.0046$$

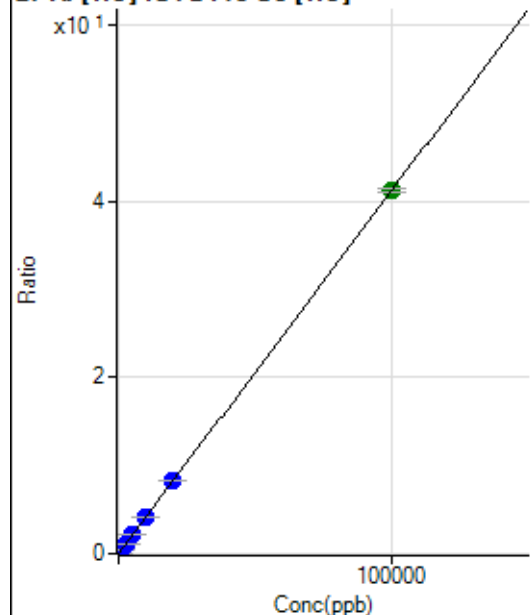
$$R = 1.0000$$

$$DL = 1.664$$

$$BEC = 5.415$$

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	300.01	0.0009	P	18.0
2	☐	20.000	23.143	3450.50	0.0104	P	6.6
3	☐	1000.000	1065.367	140545.51	0.4397	P	0.5
4	☐	2500.000	2664.959	332817.11	1.0985	P	1.2
5	☐	5000.000	5180.766	617296.17	2.1346	P	1.1
6	☐	10000.000	10036.419	1184940.04	4.1345	P	3.4
7	☐	20000.000	19993.985	2302156.95	8.2356	P	0.5
8	☐	100000.00	99983.744	11037578.37	41.1798	A	0.9

$$y = 4.1186\text{E-}004 * x + 9.0741\text{E-}004$$

$$R = 1.0000$$

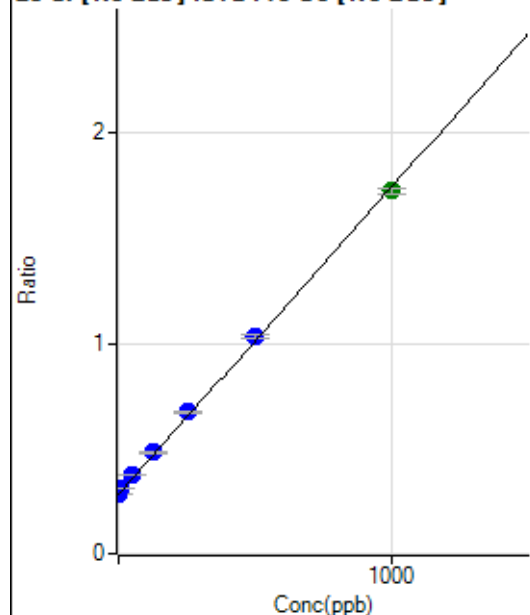
$$DL = 1.188$$

$$BEC = 2.203$$

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	997681.76	0.2822	P	0.5
2	☐	10.000	20.332	1089955.87	0.3119	P	0.8
3	☐	50.000	61.144	1277963.19	0.3716	P	0.7
4	☐	125.000	136.825	1610041.49	0.4821	P	1.1
5	☐	250.000	268.566	2166552.61	0.6746	P	1.0
6	☐	500.000	511.924	3202539.63	1.0301	P	1.8
7	☐	1000.000	987.258	5208194.39	1.7246	A	1.8
8	☐			980247.59	0.3579	P	4.7

$$y = 0.0015 * x + 0.2822$$

$$R = 0.9997$$

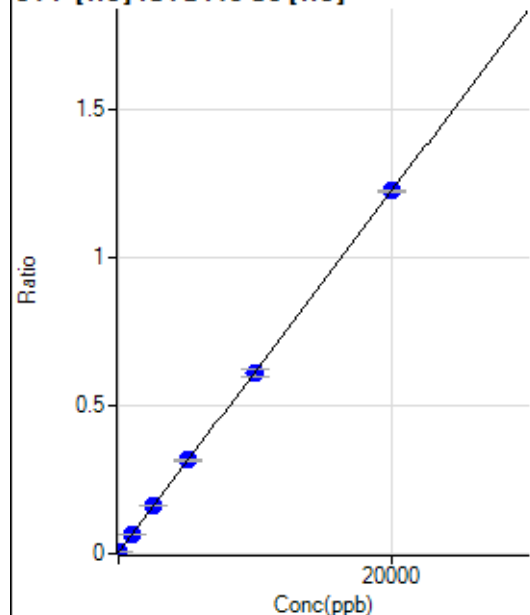
$$DL = 2.903$$

$$BEC = 193.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.375	1477.89	0.0045	P	5.9
2	☐	0.000	0.375	1491.78	0.0045	P	7.5
3	☐	1000.000	1014.459	21204.31	0.0663	P	1.9
4	☐	2500.000	2615.605	49677.42	0.1640	P	1.2
5	☐	5000.000	5102.030	91253.17	0.3156	P	1.3
6	☐	10000.000	9916.173	174539.52	0.6091	P	3.9
7	☐	20000.000	20001.233	342142.21	1.2239	P	0.4
8	☐			1300.09	0.0049	P	8.6

$$y = 6.0969E-005 * x + 0.0045$$

$$R = 1.0000$$

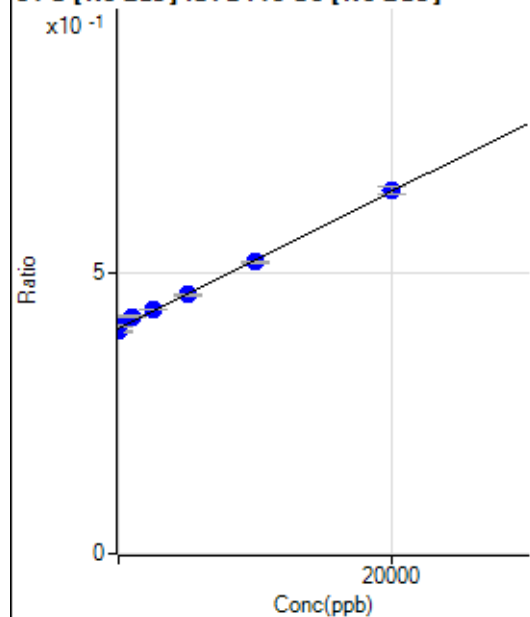
$$DL = 14.81$$

$$BEC = 73.62$$

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	-382.771	1398691.29	0.3957	P	0.6
2	☐	0.000	382.771	1415058.77	0.4050	P	0.8
3	☐	1000.000	1695.050	1447778.29	0.4209	P	0.8
4	☐	2500.000	2777.504	1449693.11	0.4341	P	0.4
5	☐	5000.000	4972.513	1479855.00	0.4608	P	0.7
6	☐	10000.000	9696.365	1610940.34	0.5182	P	0.7
7	☐	20000.000	20089.249	1946282.14	0.6445	P	2.2
8	☐			1172236.55	0.4284	P	5.9

$$y = 1.2156\text{E-}005 * x + 0.4003$$

$$R = 0.9987$$

$$DL = 714.1$$

$$BEC = 3.293\text{E}+04$$

Weight: <None>

Min Conc: 0

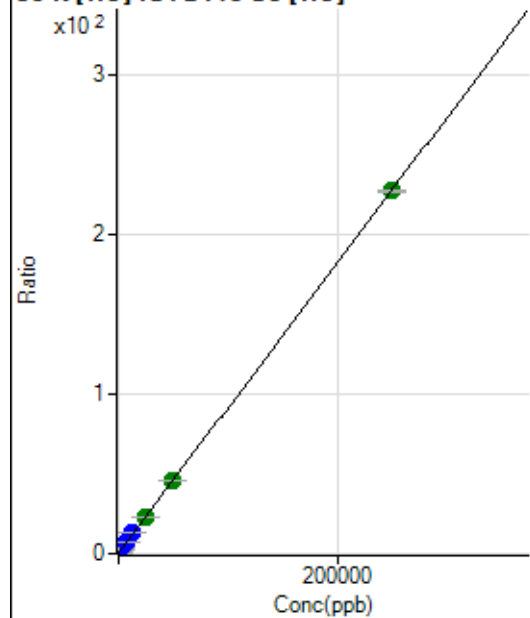
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
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	149084.00	0.4506	P	1.1
2	☐	500.000	572.763	321043.31	0.9711	P	1.2
3	☐	2500.000	2827.377	965356.61	3.0201	P	0.4
4	☐	6250.000	7009.376	2066561.50	6.8205	P	0.5
5	☐	12500.000	13856.199	3771531.68	13.0427	P	1.2
6	☐	25000.000	25023.110	6647842.99	23.1908	A	2.5
7	☐	50000.000	49877.017	12796335.70	45.7771	A	1.1
8	☐	250000.00	249932.07	60998716.64	227.5802	A	0.3

$$y = 9.0877E-004 * x + 0.4506$$

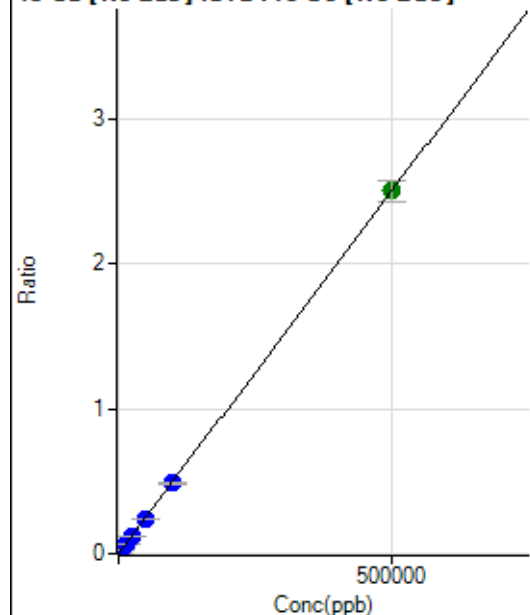
$$R = 1.0000$$

$$DL = 16.14$$

$$BEC = 495.9$$

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	572.25	0.0002	P	18.9
2	☐	500.000	501.354	9333.76	0.0027	P	1.6
3	☐	5000.000	4950.456	85781.70	0.0249	P	1.1
4	☐	12500.000	12325.719	206565.92	0.0619	P	0.4
5	☐	25000.000	24448.667	393537.01	0.1225	P	1.2
6	☐	50000.000	48771.500	759377.93	0.2443	P	0.4
7	☐	100000.00	97489.635	1473988.18	0.4881	P	1.9
8	☐	500000.00	500657.34	6856938.95	2.5060	A	5.8

$$y = 5.0050\text{E-}006 * x + 1.6179\text{E-}004$$

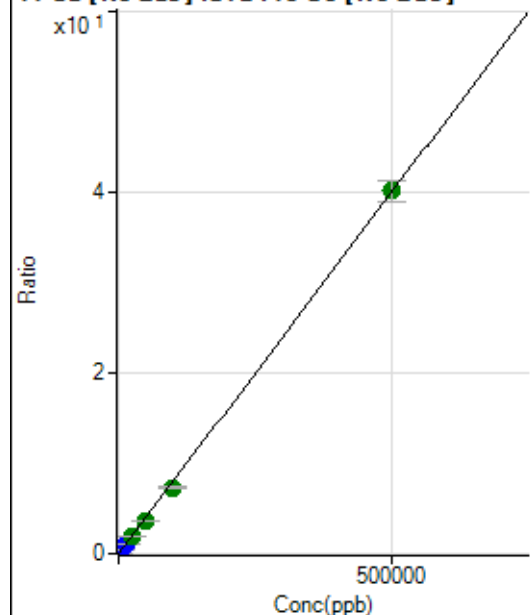
$$R = 1.0000$$

$$DL = 18.31$$

$$BEC = 32.33$$

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	27698.78	0.0078	P	2.1
2	☐	500.000	512.366	170239.83	0.0487	P	0.8
3	☐	5000.000	4922.597	1378021.46	0.4006	P	0.5
4	☐	12500.000	12320.758	3309524.05	0.9910	P	0.3
5	☐	25000.000	22797.633	5867820.75	1.8270	A	0.8
6	☐	50000.000	45673.388	11354514.92	3.6523	A	0.3
7	☐	100000.00	91160.229	21990144.42	7.2819	A	1.9
8	☐	500000.00	502315.97	109697169.1	40.0898	A	5.7

$$y = 7.9794\text{E-}005 * x + 0.0078$$

$$R = 0.9998$$

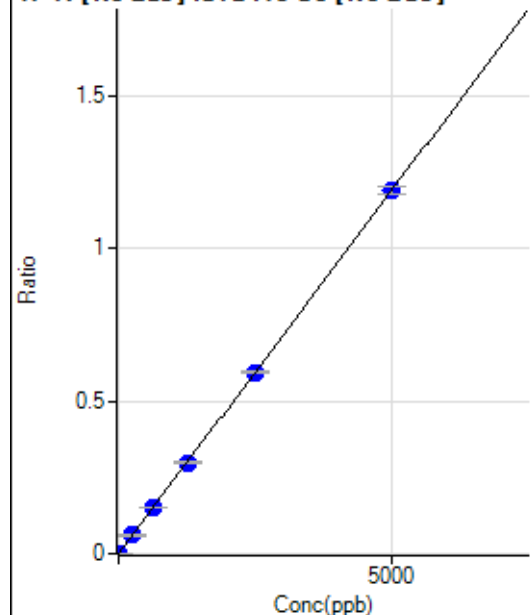
$$DL = 6.299$$

$$BEC = 98.2$$

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	347.24	0.0001	P	14.8
2	☐	5.000	5.178	4639.76	0.0013	P	6.4
3	☐	250.000	251.974	206173.19	0.0599	P	1.8
4	☐	625.000	629.694	499773.05	0.1496	P	0.2
5	☐	1250.000	1256.322	958627.99	0.2985	P	1.2
6	☐	2500.000	2500.301	1846383.35	0.5939	P	0.4
7	☐	5000.000	4997.583	3584584.54	1.1870	P	2.1
8	☐			1269.53	0.0005	P	8.1

$$y = 2.3750E-004 * x + 9.8295E-005$$

$$R = 1.0000$$

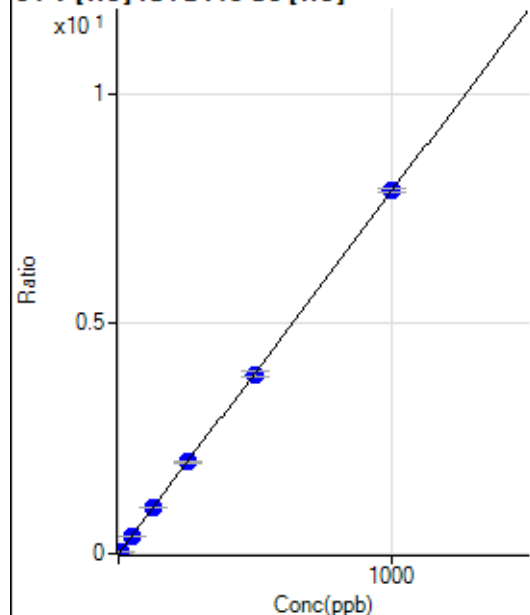
$$DL = 0.1834$$

$$BEC = 0.4139$$

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	28.89	0.0001	P	55.2
2	☐	5.000	5.302	13832.14	0.0418	P	1.3
3	☐	50.000	49.749	125269.60	0.3919	P	0.3
4	☐	125.000	125.785	300176.56	0.9907	P	0.9
5	☐	250.000	252.304	574631.44	1.9872	P	0.9
6	☐	500.000	495.816	1119168.87	3.9050	P	3.5
7	☐	1000.000	1001.429	2204726.25	7.8871	P	1.0
8	☐			471.12	0.0018	P	7.9

$$y = 0.0079 * x + 8.7505E-005$$

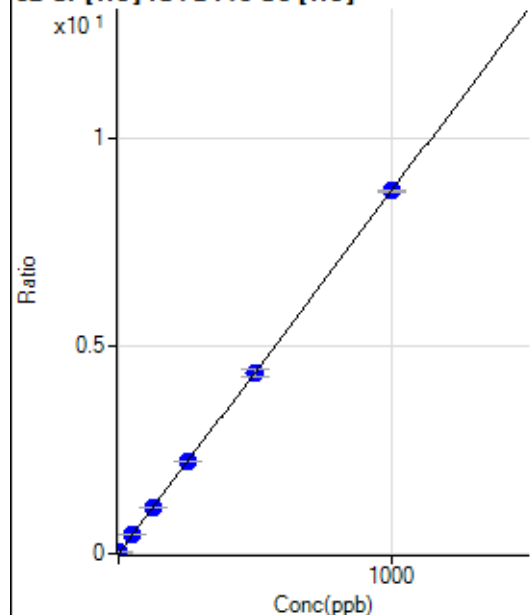
$$R = 1.0000$$

$$DL = 0.01841$$

$$BEC = 0.01111$$

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	2039.05	0.0062	P	2.4
2	☐	2.000	2.165	8290.19	0.0251	P	2.2
3	☐	50.000	51.045	144489.06	0.4520	P	0.9
4	☐	125.000	128.269	341351.92	1.1266	P	0.6
5	☐	250.000	252.870	640504.89	2.2150	P	1.2
6	☐	500.000	497.840	1247997.98	4.3548	P	3.7
7	☐	1000.000	999.901	2443253.70	8.7403	P	0.4
8	☐			14440.50	0.0539	P	2.5

$$y = 0.0087 * x + 0.0062$$

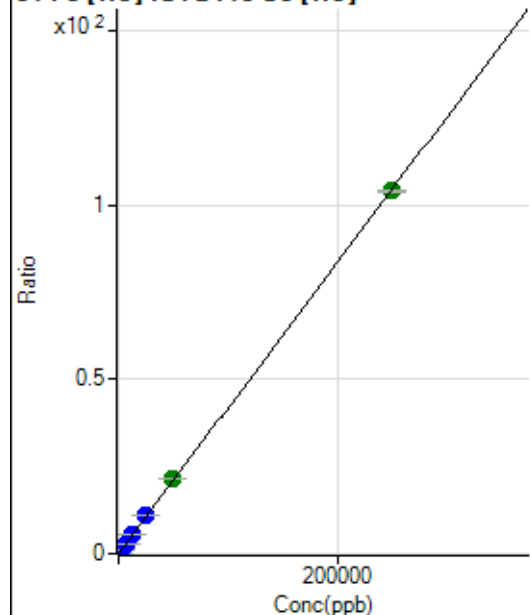
$$R = 1.0000$$

$$DL = 0.05159$$

$$BEC = 0.7056$$

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	5456.63	0.0165	P	4.6
2	☐	50.000	62.179	14031.04	0.0424	P	3.4
3	☐	2500.000	2716.192	367640.83	1.1501	P	0.4
4	☐	6250.000	6856.604	872047.62	2.8782	P	0.9
5	☐	12500.000	13407.990	1622997.70	5.6125	P	0.8
6	☐	25000.000	26547.984	3180118.86	11.0966	P	3.7
7	☐	50000.000	51285.372	5987865.57	21.4210	A	1.3
8	☐	250000.00	249525.39	27917869.18	104.1587	A	0.9

$$y = 4.1736E-004 * x + 0.0165$$

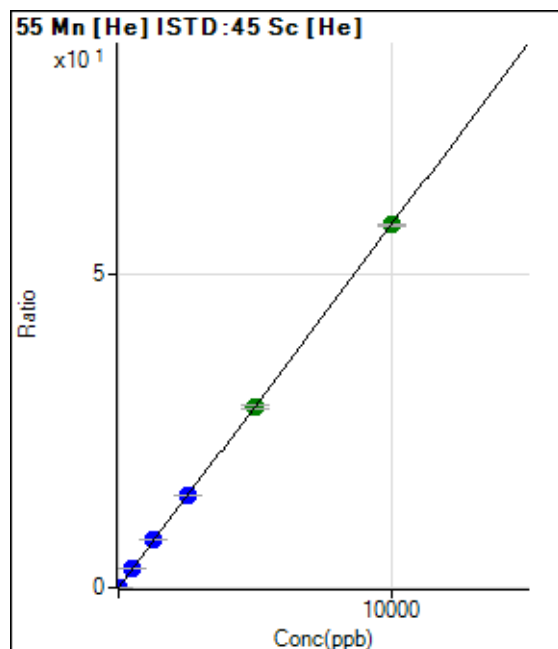
$$R = 1.0000$$

$$DL = 5.437$$

$$BEC = 39.51$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2159.07	0.0065	P	2.1
2	☐	1.000	1.130	4317.34	0.0131	P	2.5
3	☐	500.000	521.545	965655.57	3.0210	P	0.3
4	☐	1250.000	1304.945	2287345.26	7.5490	P	0.2
5	☐	2500.000	2555.758	4273668.20	14.7786	P	0.5
6	☐	5000.000	4966.446	8230645.78	28.7122	A	2.6
7	☐	10000.000	9994.892	16150507.26	57.7762	A	0.8
8	☐			13345.01	0.0498	P	1.1

$$y = 0.0058 * x + 0.0065$$

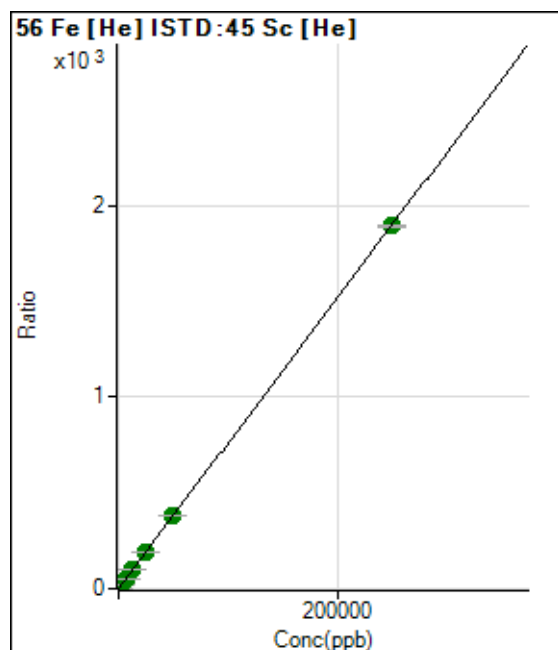
$$R = 1.0000$$

$$DL = 0.07258$$

$$BEC = 1.129$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44292.70	0.1339	P	2.7
2	☐	50.000	56.715	186389.82	0.5638	P	0.4
3	☐	2500.000	2559.944	6245947.71	19.5400	A	0.5
4	☐	6250.000	6422.776	14792596.51	48.8228	A	1.1
5	☐	12500.000	12749.853	27986889.51	96.7862	A	1.4
6	☐	25000.000	25331.242	55083389.19	192.1615	A	2.6
7	☐	50000.000	50600.999	107262742.2	383.7231	A	1.2
8	☐	250000.00	249829.26	507650085.4	1894.005	A	0.6

$$y = 0.0076 * x + 0.1339$$

$$R = 1.0000$$

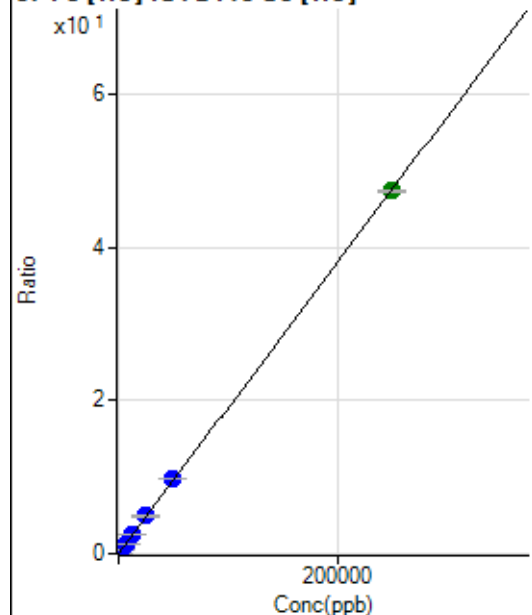
$$DL = 1.411$$

$$BEC = 17.66$$

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	2231.69	0.0067	P	2.7
2	☐	50.000	57.014	5804.95	0.0176	P	1.4
3	☐	2500.000	2634.032	161830.56	0.5063	P	0.9
4	☐	6250.000	6586.727	380509.42	1.2559	P	1.4
5	☐	12500.000	13061.114	718197.87	2.4838	P	1.7
6	☐	25000.000	25780.367	1403296.28	4.8960	P	3.2
7	☐	50000.000	51510.818	2732706.63	9.7758	P	0.4
8	☐	250000.00	249581.98	12688606.54	47.3400	A	0.7

$$y = 1.8965E-004 * x + 0.0067$$

R = 1.0000

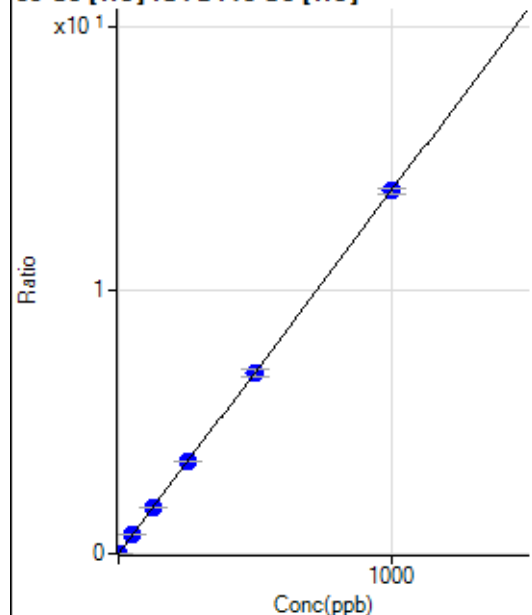
DL = 2.889

BEC = 35.57

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	623.35	0.0019	P	6.4
2	☐	1.000	1.063	5461.06	0.0165	P	5.1
3	☐	50.000	50.875	224551.56	0.7025	P	0.4
4	☐	125.000	127.522	532662.17	1.7580	P	0.2
5	☐	250.000	254.320	1013258.74	3.5041	P	1.3
6	☐	500.000	498.768	1968876.15	6.8704	P	3.8
7	☐	1000.000	999.177	3846760.29	13.7615	P	1.4
8	☐			6656.02	0.0248	P	3.4

$$y = 0.0138 * x + 0.0019$$

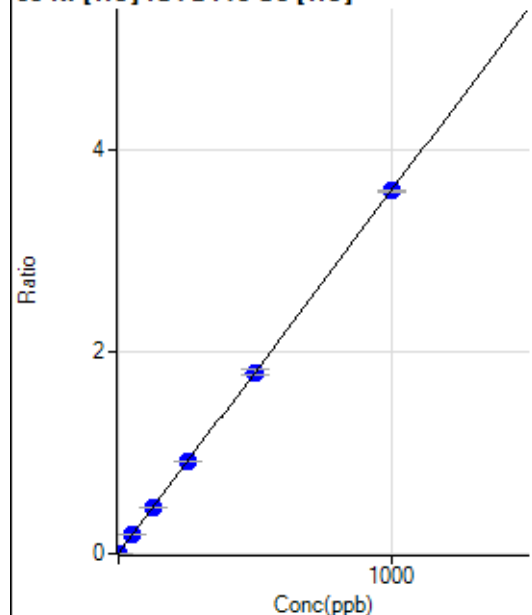
R = 1.0000

DL = 0.02613

BEC = 0.1368

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	913.37	0.0028	P	3.0
2	☐	1.000	1.140	2266.86	0.0069	P	1.4
3	☐	50.000	51.042	59503.23	0.1862	P	1.5
4	☐	125.000	127.277	139393.80	0.4601	P	0.9
5	☐	250.000	254.842	265576.28	0.9184	P	0.8
6	☐	500.000	499.422	515046.21	1.7972	P	3.6
7	☐	1000.000	998.741	1003871.67	3.5912	P	0.6
8	☐			5008.68	0.0187	P	2.9

$$y = 0.0036 * x + 0.0028$$

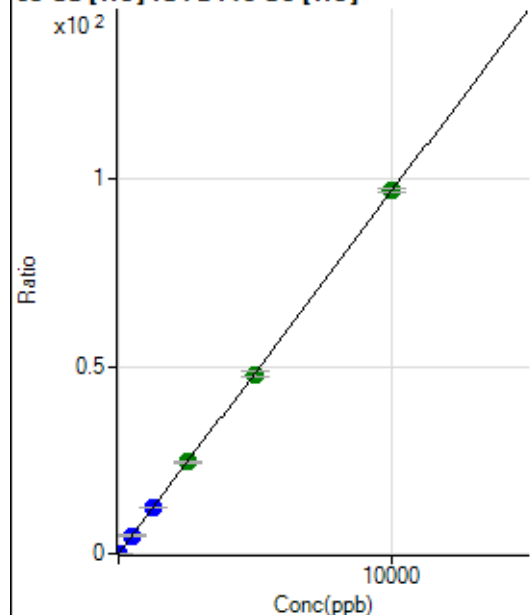
$$R = 1.0000$$

$$DL = 0.06951$$

$$BEC = 0.7685$$

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	1413.42	0.0043	P	5.7
2	☐	2.000	2.031	7902.19	0.0239	P	0.8
3	☐	500.000	502.841	1555044.77	4.8648	P	0.6
4	☐	1250.000	1264.430	3704336.23	12.2263	P	1.0
5	☐	2500.000	2526.396	7063091.49	24.4246	A	0.9
6	☐	5000.000	4957.197	13734758.13	47.9208	A	3.2
7	☐	10000.000	10012.857	27055877.10	96.7891	A	1.0
8	☐			11226.61	0.0419	P	1.6

$$y = 0.0097 * x + 0.0043$$

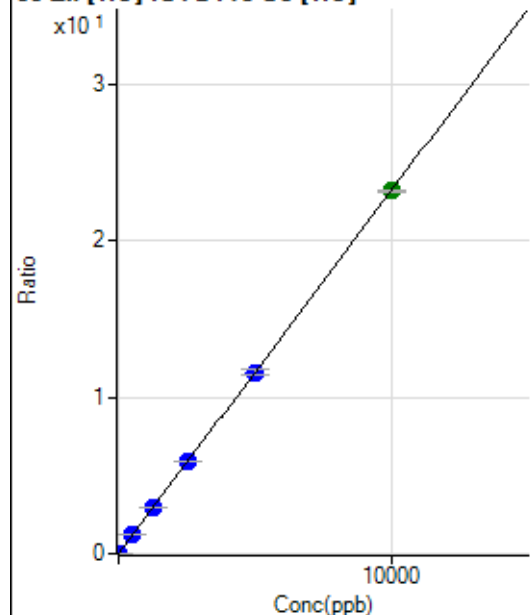
$$R = 1.0000$$

$$DL = 0.07618$$

$$BEC = 0.442$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.57	0.0014	P	4.1
2	☐	2.000	2.346	2274.65	0.0069	P	3.2
3	☐	500.000	505.452	375380.77	1.1743	P	0.8
4	☐	1250.000	1278.325	899193.12	2.9678	P	0.9
5	☐	2500.000	2543.590	1707169.87	5.9039	P	1.5
6	☐	5000.000	4999.588	3325772.94	11.6031	P	3.0
7	☐	10000.000	9985.495	6477921.57	23.1729	A	0.5
8	☐			15675.18	0.0585	P	3.2

$$y = 0.0023 * x + 0.0014$$

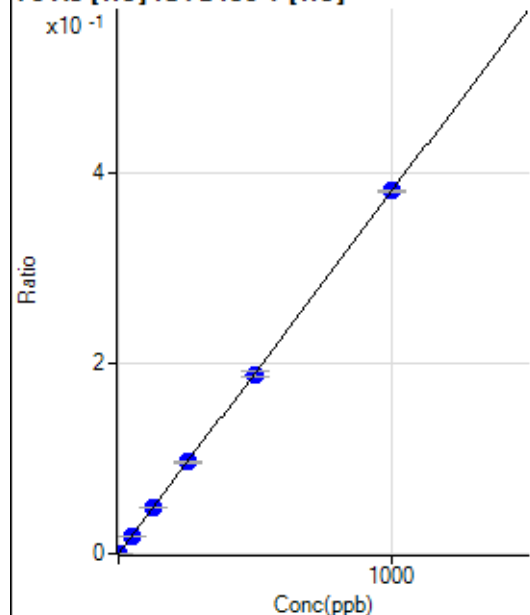
$$R = 1.0000$$

$$DL = 0.07534$$

$$BEC = 0.6196$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	17.0
2	☐	1.000	1.070	955.59	0.0004	P	6.3
3	☐	50.000	50.089	42708.14	0.0190	P	1.0
4	☐	125.000	126.458	104136.68	0.0480	P	0.7
5	☐	250.000	252.923	198923.24	0.0960	P	0.8
6	☐	500.000	495.055	389196.41	0.1880	P	3.5
7	☐	1000.000	1001.555	764184.96	0.3803	P	0.5
8	☐			366.67	0.0002	P	6.9

$$y = 3.7968E-004 * x + 4.7804E-006$$

$$R = 1.0000$$

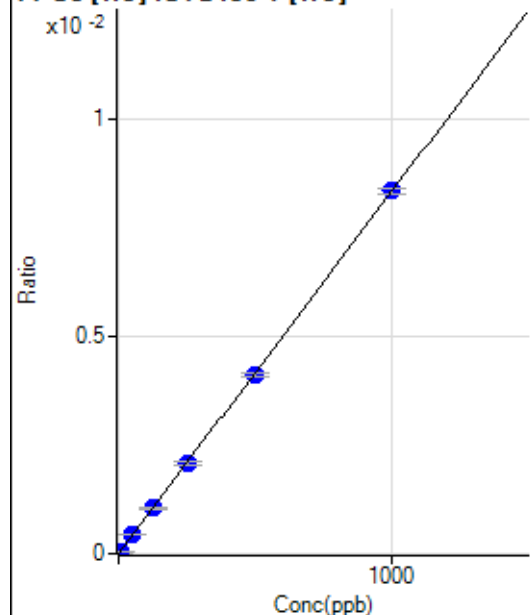
$$DL = 0.006415$$

$$BEC = 0.01259$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	5.000	4.990	98.89	0.0000	P	8.6
3	☐	50.000	52.014	975.60	0.0004	P	1.6
4	☐	125.000	125.585	2272.42	0.0010	P	2.6
5	☐	250.000	248.653	4295.13	0.0021	P	3.2
6	☐	500.000	495.306	8554.82	0.0041	P	1.6
7	☐	1000.000	1002.510	16795.41	0.0084	P	1.6
8	☐			12.22	0.0000	P	41.0

$$y = 8.3361\text{E-}006 * x + 9.6543\text{E-}007$$

$$R = 1.0000$$

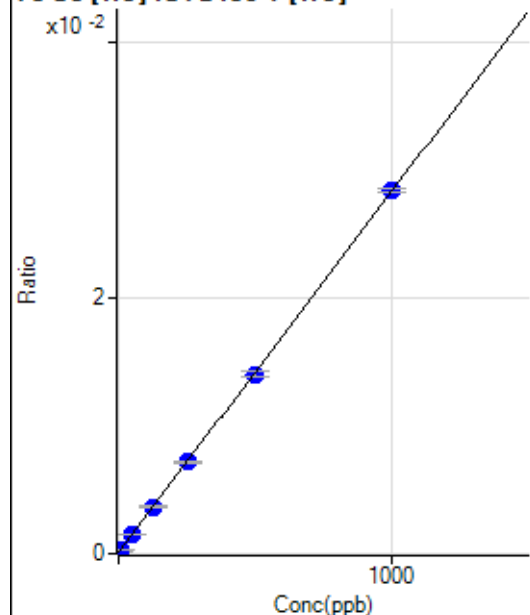
$$DL = 0.6018$$

$$BEC = 0.1158$$

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	222.84	0.0001	P	5.1
2	☐	5.000	5.478	581.49	0.0003	P	4.4
3	☐	50.000	50.858	3432.52	0.0015	P	3.2
4	☐	125.000	126.663	7949.12	0.0037	P	1.5
5	☐	250.000	250.194	14803.26	0.0071	P	0.5
6	☐	500.000	494.430	29051.24	0.0140	P	3.2
7	☐	1000.000	1002.483	56964.84	0.0283	P	0.9
8	☐			227.78	0.0001	P	8.2

$$y = 2.8181\text{E-}005 * x + 9.5850\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.5229$$

$$BEC = 3.401$$

Weight: <None>

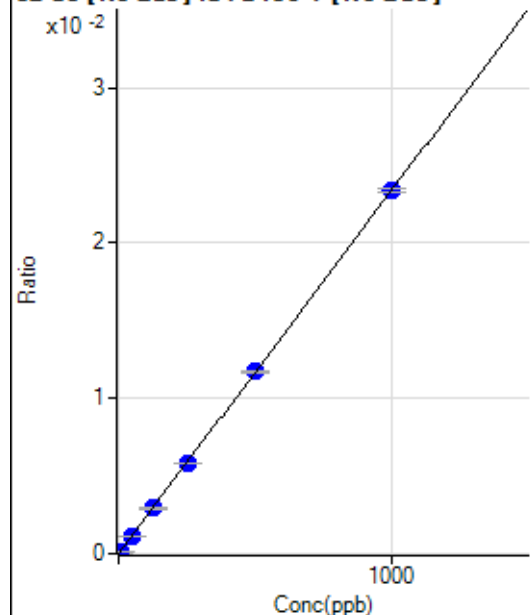
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1041.74		P	17.5
2	☐			1038.96		P	15.6
3	☐			1027.85		P	6.1
4	☐			988.95		P	4.2
5	☐			977.84		P	4.8
6	☐			1119.52		P	8.9
7	☐			1194.53		P	8.1
8	☐			1261.20		P	4.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.37		P	34.6
2	☐			26.69		P	94.4
3	☐			36.70		P	56.8
4	☐			16.68		P	124.9
5	☐			33.37		P	17.3
6	☐			60.06		P	16.7
7	☐			63.40		P	9.1
8	☐			76.74		P	27.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-13.67	0.0000	P	-630.
2	☐	5.000	5.067	998.65	0.0001	P	7.1
3	☐	50.000	49.027	9695.28	0.0011	P	1.4
4	☐	125.000	125.150	23919.96	0.0029	P	1.6
5	☐	250.000	248.836	45784.99	0.0058	P	0.5
6	☐	500.000	502.266	89721.08	0.0117	P	1.3
7	☐	1000.000	999.187	174208.17	0.0234	P	0.9
8	☐			44.94	0.0000	P	61.6

$$y = 2.3385E-005 * x - 1.5811E-006$$

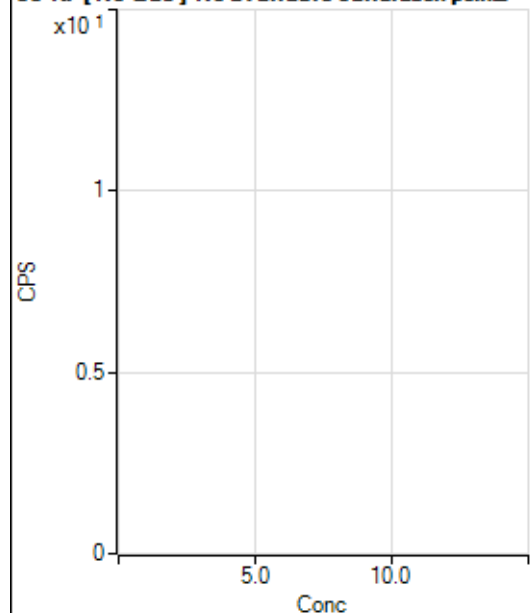
$$R = 1.0000$$

$$DL = 1.278$$

$$BEC = -0.06761$$

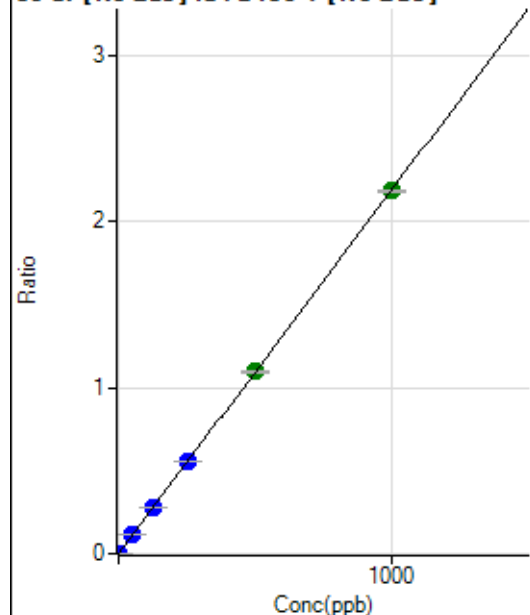
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			828.92		P	8.5
2	☐			850.04		P	1.6
3	☐			893.37		P	3.0
4	☐			856.70		P	4.1
5	☐			803.37		P	6.0
6	☐			784.47		P	6.6
7	☐			793.36		P	4.1
8	☐			748.92		P	3.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1714.04	0.0002	P	6.2
2	☐	1.000	0.128	4097.91	0.0005	P	4.7
3	☐	50.000	50.920	945301.80	0.1116	P	1.1
4	☐	125.000	127.763	2288268.28	0.2798	P	1.0
5	☐	250.000	254.511	4385210.91	0.5572	P	1.0
6	☐	500.000	500.626	8371932.48	1.0958	A	1.1
7	☐	1000.000	998.169	16289971.37	2.1847	A	0.6
8	☐			7024.13	0.0010	P	4.5

$$y = 0.0022 * x + 1.9902E-004$$

$$R = 1.0000$$

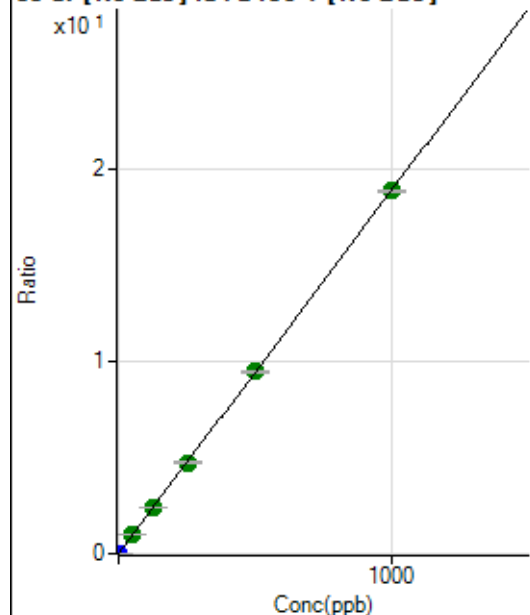
$$DL = 0.01696$$

$$BEC = 0.09094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4072.91	0.0005	P	0.8
2	☐	1.000	0.117	22854.81	0.0027	P	1.8
3	☐	50.000	50.696	8100073.27	0.9566	A	1.1
4	☐	125.000	126.285	19480298.70	2.3821	A	0.9
5	☐	250.000	251.093	37271056.04	4.7359	A	1.0
6	☐	500.000	501.135	72207905.78	9.4514	A	0.9
7	☐	1000.000	998.965	140476480.9	18.8401	A	0.8
8	☐			52276.25	0.0077	P	7.7

$$y = 0.0189 * x + 4.7293E-004$$

$$R = 1.0000$$

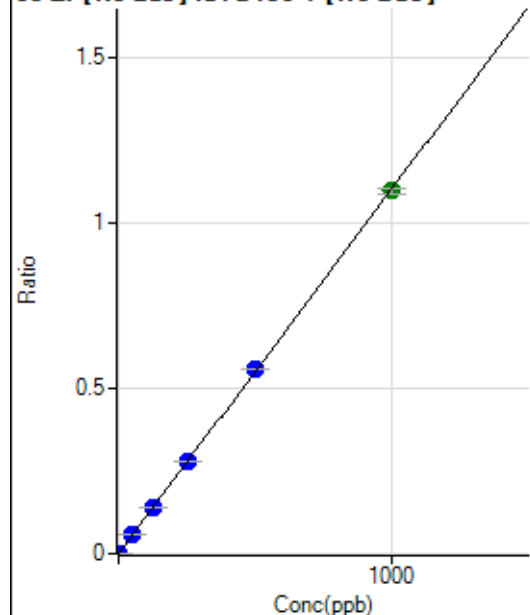
$$DL = 0.0006081$$

$$BEC = 0.02508$$

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	494.47	0.0001	P	15.1
2	☐	1.000	1.038	10270.58	0.0012	P	3.9
3	☐	50.000	50.566	472704.99	0.0558	P	1.0
4	☐	125.000	126.592	1142202.72	0.1397	P	1.1
5	☐	250.000	253.862	2203960.64	0.2800	P	0.3
6	☐	500.000	506.151	4265211.68	0.5583	P	0.8
7	☐	1000.000	995.732	8188557.39	1.0982	A	1.3
8	☐			5151.07	0.0008	P	9.6

$$y = 0.0011 * x + 5.7414E-005$$

$$R = 1.0000$$

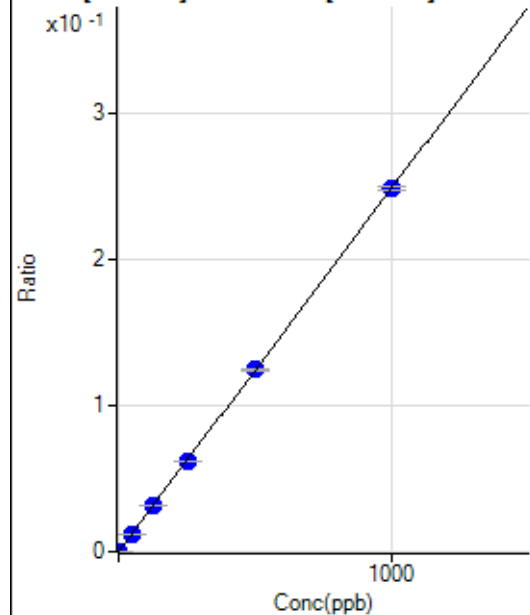
$$DL = 0.02356$$

$$BEC = 0.05206$$

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	141.67	0.0000	P	26.8
2	☐	1.000	0.928	2111.33	0.0002	P	4.4
3	☐	50.000	49.512	104417.38	0.0123	P	2.2
4	☐	125.000	125.349	255107.51	0.0312	P	0.7
5	☐	250.000	250.435	490385.67	0.0623	P	0.3
6	☐	500.000	501.922	953893.75	0.1249	P	1.2
7	☐	1000.000	998.911	1852636.95	0.2485	P	1.2
8	☐			1138.97	0.0002	P	16.1

$$y = 2.4873E-004 * x + 1.6447E-005$$

$$R = 1.0000$$

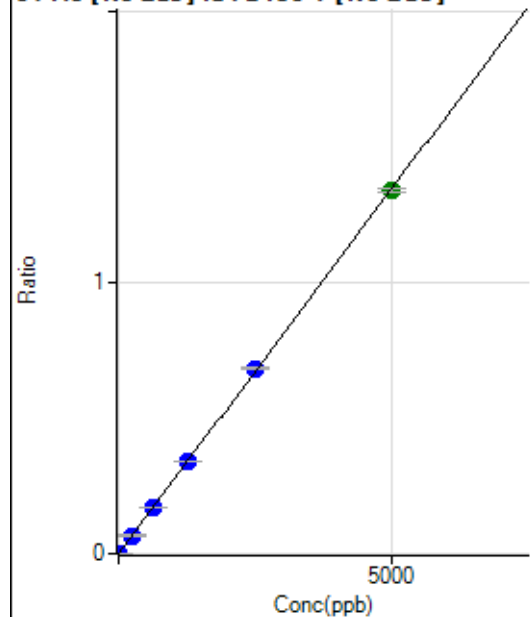
$$DL = 0.05324$$

$$BEC = 0.06612$$

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	233.34	0.0000	P	3.5
2	☐	5.000	5.152	12088.70	0.0014	P	2.2
3	☐	250.000	249.739	570007.47	0.00673	P	0.6
4	☐	625.000	638.512	1407091.67	0.01721	P	1.4
5	☐	1250.000	1262.891	2678116.05	0.3403	P	1.0
6	☐	2500.000	2541.050	5230639.22	0.6847	P	1.4
7	☐	5000.000	4974.576	9993792.15	1.3403	A	0.9
8	☐			4923.19	0.0007	P	11.8

$$y = 2.6943E-004 * x + 2.7094E-005$$

$$R = 0.9999$$

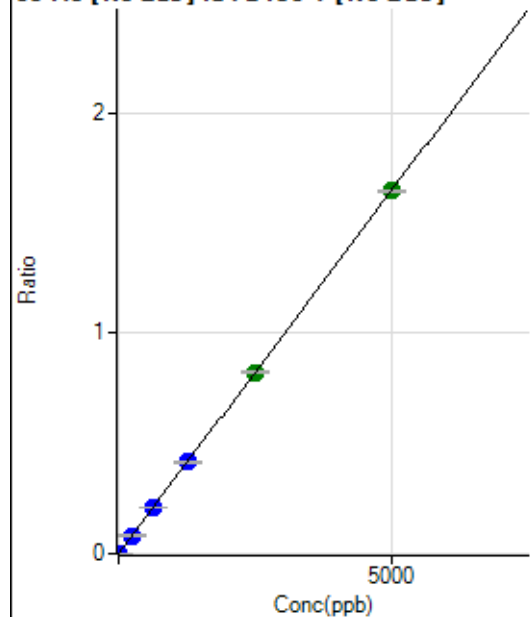
$$DL = 0.01045$$

$$BEC = 0.1006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	66.1
2	☐	5.000	5.071	14310.25	0.0017	P	1.6
3	☐	250.000	250.883	700208.65	0.00827	P	0.6
4	☐	625.000	636.106	1714463.28	0.02097	P	1.5
5	☐	1250.000	1264.482	3279821.00	0.4168	P	1.3
6	☐	2500.000	2495.439	6283524.66	0.8225	A	1.5
7	☐	5000.000	4997.228	12280209.13	1.6470	A	0.8
8	☐			4528.64	0.0007	P	12.5

$$y = 3.2958E-004 * x + 3.8694E-006$$

$$R = 1.0000$$

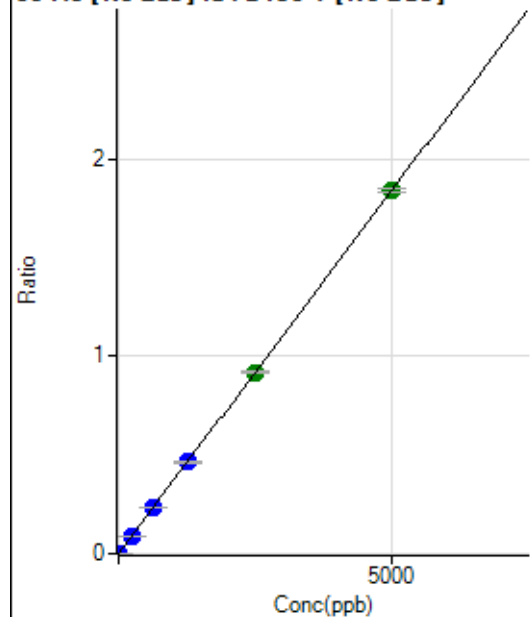
$$DL = 0.0233$$

$$BEC = 0.01174$$

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	161.12	0.0000	P	18.0
2	☐	5.000	5.240	16618.34	0.0019	P	2.5
3	☐	250.000	249.710	777694.48	0.0918	P	1.3
4	☐	625.000	632.728	1902793.79	0.2327	P	1.6
5	☐	1250.000	1259.032	3643718.40	0.4630	P	1.0
6	☐	2500.000	2494.228	7007199.72	0.9172	A	1.0
7	☐	5000.000	4999.676	13708144.67	1.8385	A	0.9
8	☐			5787.45	0.0009	P	6.5

$$y = 3.6772\text{E-}004 * x + 1.8706\text{E-}005$$

$$R = 1.0000$$

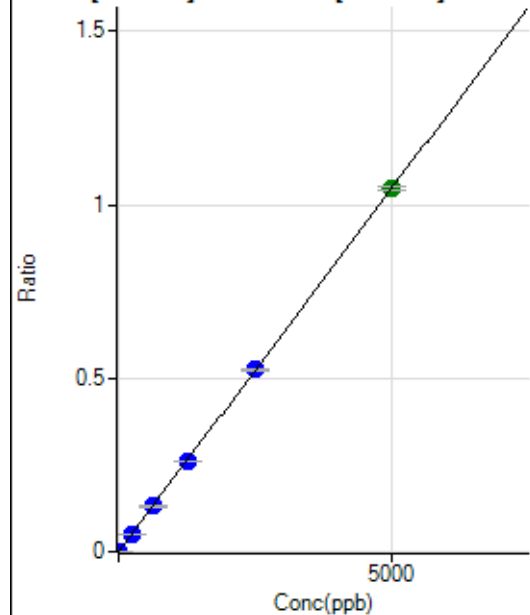
$$DL = 0.02755$$

$$BEC = 0.05087$$

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	30.55	0.0000	P	15.7
2	☐	5.000	5.090	9128.17	0.0011	P	5.6
3	☐	250.000	247.704	438927.00	0.0518	P	0.3
4	☐	625.000	625.458	1070271.21	0.1309	P	1.4
5	☐	1250.000	1247.230	2053908.27	0.2610	P	1.1
6	☐	2500.000	2506.005	4006033.99	0.5244	P	1.2
7	☐	5000.000	4997.748	7797633.60	1.0458	A	1.1
8	☐			2883.70	0.0004	P	11.2

$$y = 2.0924\text{E-}004 * x + 3.5474\text{E-}006$$

$$R = 1.0000$$

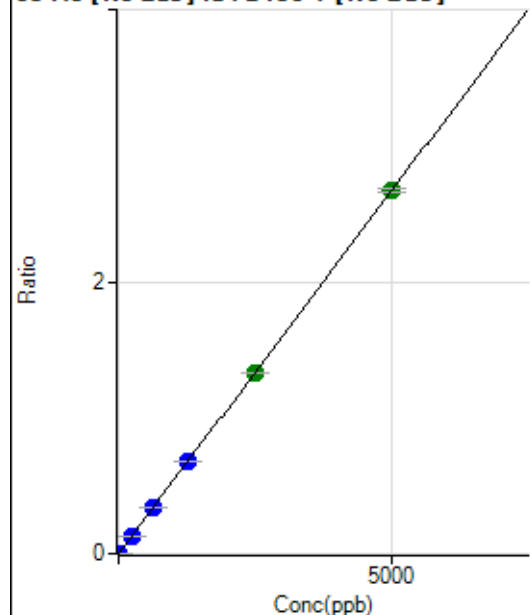
$$DL = 0.00797$$

$$BEC = 0.01695$$

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	38.89	0.0000	P	12.4
2	☐	5.000	5.244	23937.33	0.0028	P	1.0
3	☐	250.000	249.987	1129450.74	0.1334	P	0.9
4	☐	625.000	630.225	2750016.86	0.3363	P	1.1
5	☐	1250.000	1268.641	5327246.91	0.6769	P	0.5
6	☐	2500.000	2488.199	10142767.41	1.3276	A	0.7
7	☐	5000.000	5000.588	19894381.35	2.6681	A	1.2
8	☐			7257.61	0.0011	P	14.8

$$y = 5.3355E-004 * x + 4.5156E-006$$

$$R = 1.0000$$

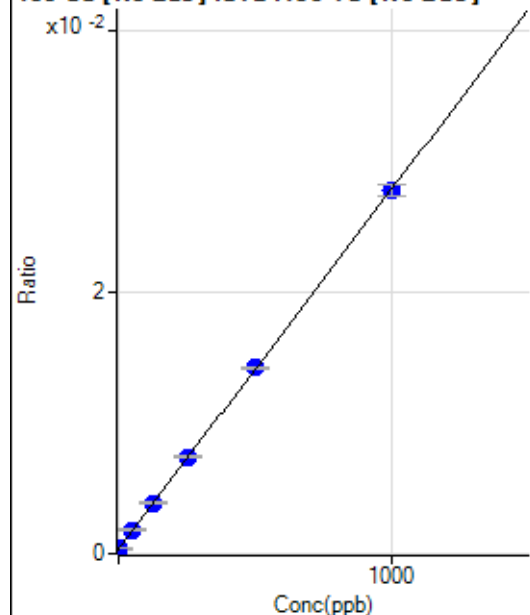
$$DL = 0.003137$$

$$BEC = 0.008463$$

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	2519.74	0.0004	P	7.3
2	☐	1.000	2.230	2889.26	0.0004	P	5.0
3	☐	50.000	53.296	12480.77	0.0018	P	1.4
4	☐	125.000	128.383	26511.41	0.0039	P	1.2
5	☐	250.000	255.133	48711.77	0.0074	P	1.9
6	☐	500.000	504.228	92917.06	0.0142	P	0.8
7	☐	1000.000	996.014	178038.11	0.0277	P	3.2
8	☐			2383.59	0.0004	P	5.7

$$y = 2.7473E-005 * x + 3.6562E-004$$

$$R = 1.0000$$

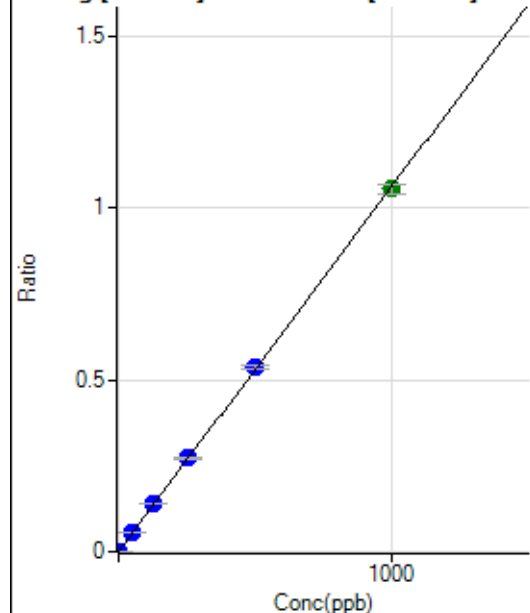
$$DL = 2.92$$

$$BEC = 13.31$$

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	66.67	0.0000	P	33.5
2	☐	1.000	1.123	8130.32	0.0012	P	2.3
3	☐	50.000	54.180	392328.43	0.0575	P	1.6
4	☐	125.000	130.249	941671.77	0.1383	P	0.4
5	☐	250.000	257.260	1803784.09	0.2731	P	1.8
6	☐	500.000	505.706	3507943.31	0.5368	P	1.2
7	☐	1000.000	994.467	6778472.98	1.0556	A	2.4
8	☐			2097.44	0.0004	P	11.5

$$y = 0.0011 * x + 9.6909E-006$$

$$R = 0.9999$$

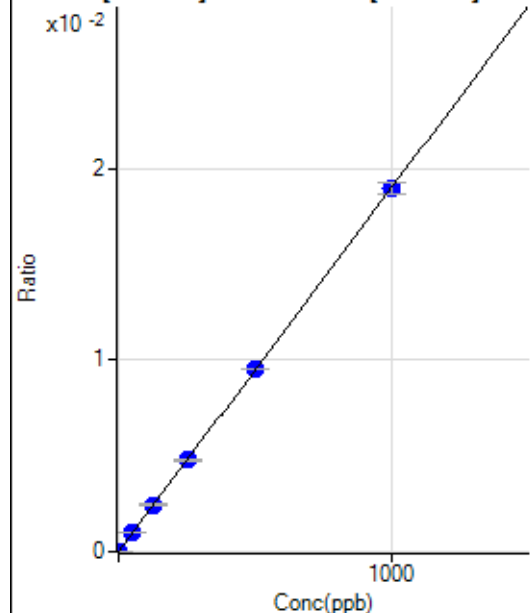
$$DL = 0.009182$$

$$BEC = 0.00913$$

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	25.00	0.0000	P	16.6
2	☐	1.000	1.116	168.06	0.0000	P	19.0
3	☐	50.000	52.357	6807.28	0.0010	P	0.4
4	☐	125.000	129.236	16741.92	0.0025	P	0.2
5	☐	250.000	252.624	31714.61	0.0048	P	2.7
6	☐	500.000	502.897	62444.66	0.0096	P	0.5
7	☐	1000.000	997.248	121637.00	0.0189	P	3.0
8	☐			172.23	0.0000	P	6.8

$$y = 1.8993E-005 * x + 3.6284E-006$$

$$R = 1.0000$$

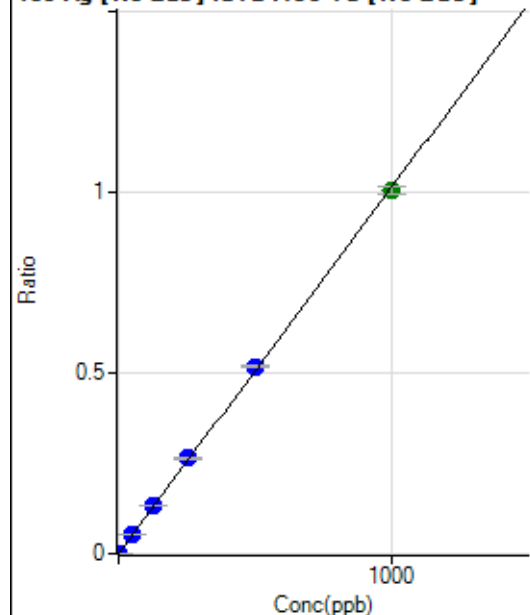
$$DL = 0.09534$$

$$BEC = 0.191$$

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	44.45	0.0000	P	78.3
2	☐	1.000	1.143	7894.09	0.0012	P	2.2
3	☐	50.000	54.393	376421.13	0.0552	P	0.9
4	☐	125.000	131.580	909171.06	0.1335	P	0.7
5	☐	250.000	260.493	1745461.13	0.2643	P	2.2
6	☐	500.000	511.486	3391112.36	0.5189	P	0.8
7	☐	1000.000	990.592	6453768.29	1.0050	A	2.0
8	☐			1880.73	0.0003	P	8.3

$$y = 0.0010 * x + 6.4538E-006$$

$$R = 0.9998$$

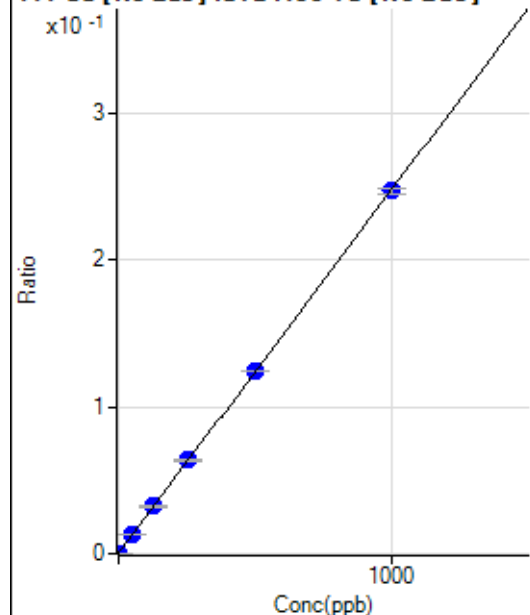
$$DL = 0.01495$$

$$BEC = 0.006362$$

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	1762.98	0.0003	P	7.3
2	☐	1.000	1.195	3734.16	0.0006	P	2.8
3	☐	50.000	52.904	91092.66	0.0134	P	1.0
4	☐	125.000	129.008	219294.40	0.0322	P	0.8
5	☐	250.000	255.633	419720.15	0.0636	P	2.8
6	☐	500.000	501.365	812952.63	0.1244	P	0.6
7	☐	1000.000	997.263	1587592.77	0.2472	P	1.3
8	☐			1977.14	0.0003	P	5.4

$$y = 2.4761E-004 * x + 2.5582E-004$$

$$R = 1.0000$$

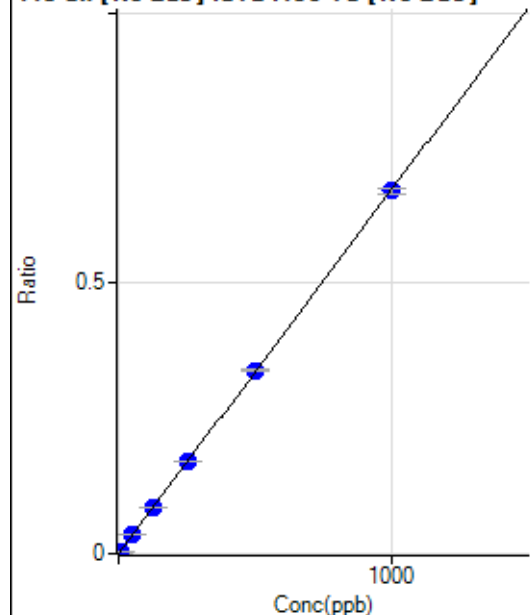
$$DL = 0.2248$$

$$BEC = 1.033$$

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	655.59	0.0001	P	6.4
2	☐	5.000	5.556	25957.86	0.0038	P	1.7
3	☐	50.000	52.265	240616.94	0.0353	P	1.3
4	☐	125.000	128.029	587622.28	0.0863	P	0.2
5	☐	250.000	253.356	1127128.31	0.1706	P	1.6
6	☐	500.000	503.132	2213939.91	0.3388	P	0.6
7	☐	1000.000	997.100	4311269.50	0.6713	P	1.9
8	☐			2739.23	0.0005	P	7.2

$$y = 6.7316\text{E-}004 * x + 9.5160\text{E-}005$$

$$R = 1.0000$$

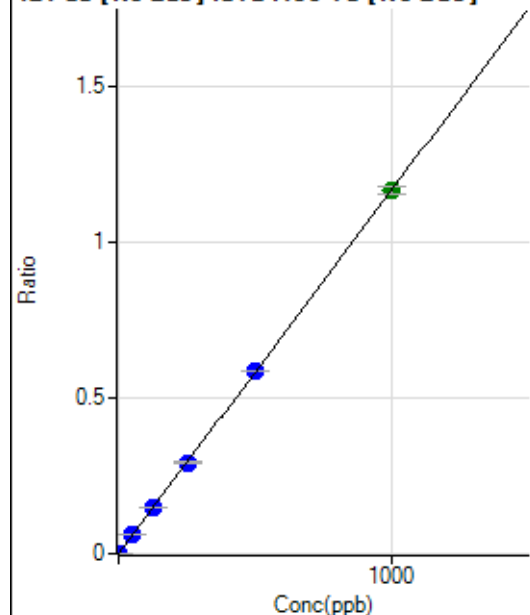
$$DL = 0.02718$$

$$BEC = 0.1414$$

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	158.34	0.0000	P	8.9
2	☐	2.000	2.135	16977.34	0.0025	P	2.5
3	☐	50.000	51.364	408090.66	0.0598	P	0.4
4	☐	125.000	125.979	999172.42	0.1467	P	0.9
5	☐	250.000	251.122	1931532.94	0.2924	P	1.6
6	☐	500.000	502.438	3823474.26	0.5851	P	0.4
7	☐	1000.000	998.310	7465023.78	1.1624	A	2.0
8	☐			12447.48	0.0021	P	10.4

$$y = 0.0012 * x + 2.2980\text{E-}005$$

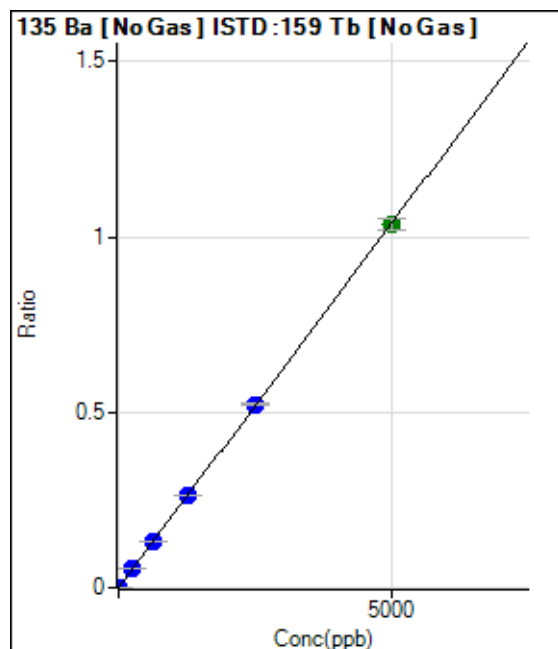
$$R = 1.0000$$

$$DL = 0.005288$$

$$BEC = 0.01974$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	38.0
2	☐	10.000	11.171	15748.15	0.0023	P	1.9
3	☐	250.000	264.515	374484.69	0.0549	P	0.4
4	☐	625.000	636.916	900289.37	0.1322	P	1.1
5	☐	1250.000	1272.485	1744491.90	0.2641	P	1.1
6	☐	2500.000	2519.334	3416997.08	0.5229	P	0.5
7	☐	5000.000	4982.494	6639503.88	1.0340	A	3.0
8	☐			39690.52	0.0067	P	5.7

$$y = 2.0753\text{E-}004 * x + 8.4700\text{E-}006$$

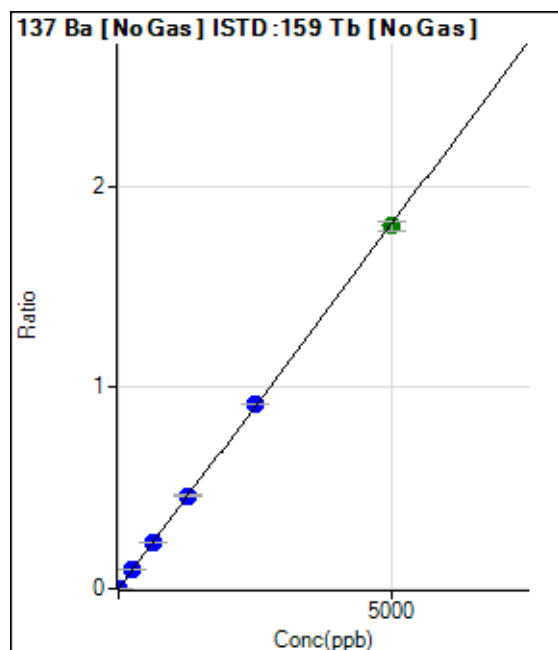
$$R = 1.0000$$

$$DL = 0.04651$$

$$BEC = 0.04081$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	46.0
2	☐	10.000	11.245	27680.90	0.0041	P	1.9
3	☐	250.000	264.102	653184.03	0.0958	P	0.6
4	☐	625.000	641.323	1583669.99	0.2325	P	0.5
5	☐	1250.000	1277.844	3060331.43	0.4633	P	1.3
6	☐	2500.000	2529.614	5993804.48	0.9171	P	0.6
7	☐	5000.000	4975.484	11584179.42	1.8039	A	2.4
8	☐			70510.21	0.0119	P	5.7

$$y = 3.6256\text{E-}004 * x + 1.2892\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0491$$

$$BEC = 0.03556$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.5
2	☐			4.45		P	86.6
3	☐			28.89		P	35.2
4	☐			66.67		P	10.0
5	☐			120.00		P	11.1
6	☐			173.34		P	23.1
7	☐			377.79		P	21.1
8	☐			26.67		P	66.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			2.22		P	86.6
3	☐			2.22		P	86.6
4	☐			12.22		P	110.2
5	☐			20.00		P	76.4
6	☐			46.67		P	18.9
7	☐			63.33		P	13.9
8	☐			18.89		P	27.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	22.2
2	☐			72.23		P	37.1
3	☐			116.67		P	21.4
4	☐			144.45		P	28.5
5	☐			213.90		P	25.3
6	☐			322.24		P	4.0
7	☐			477.80		P	18.3
8	☐			1033.40		P	8.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐			16.67		P	40.0
3	☐			32.22		P	15.8
4	☐			45.56		P	27.7
5	☐			104.45		P	26.6
6	☐			173.34		P	21.8
7	☐			392.23		P	9.7
8	☐			680.02		P	6.0

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

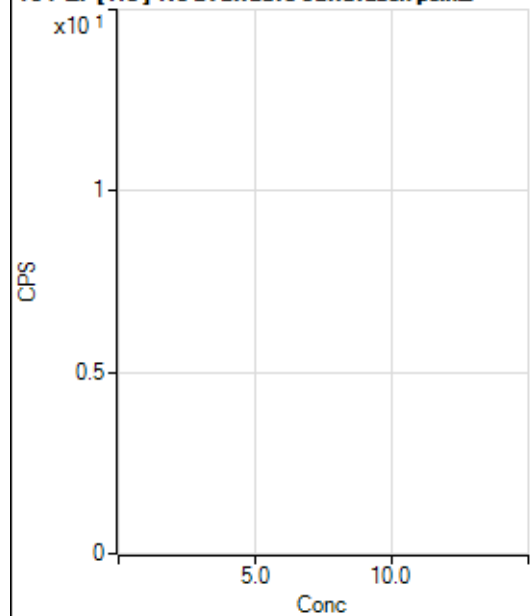
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.55		P	82.6
2	☐			55.55		P	37.8
3	☐			72.22		P	40.5
4	☐			97.23		P	40.5
5	☐			130.56		P	32.8
6	☐			238.90		P	19.2
7	☐			405.57		P	3.1
8	☐			1058.41		P	3.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.00		P	10.9
2	☐			138.89		P	17.4
3	☐			124.45		P	24.2
4	☐			137.78		P	12.4
5	☐			170.00		P	18.7
6	☐			230.01		P	15.3
7	☐			358.90		P	11.2
8	☐			885.60		P	5.1

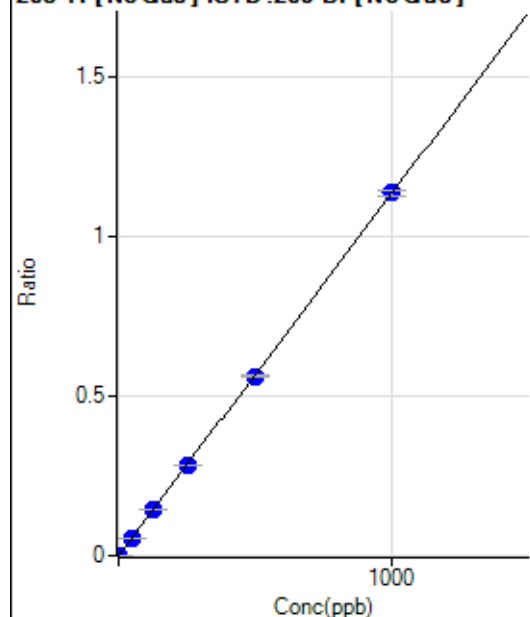
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	19.2
2	☐			50.00		P	33.3
3	☐			44.45		P	57.3
4	☐			61.11		P	28.4
5	☐			55.56		P	8.7
6	☐			77.78		P	16.4
7	☐			108.34		P	0.0
8	☐			130.56		P	20.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	57.7
2	☐			37.78		P	27.0
3	☐			30.00		P	33.3
4	☐			47.78		P	34.4
5	☐			41.11		P	12.4
6	☐			67.78		P	18.6
7	☐			77.78		P	13.8
8	☐			137.78		P	20.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0000	P	16.7
2	☐	1.000	1.020	6201.60	0.0012	P	5.8
3	☐	50.000	49.945	293615.15	0.0566	P	1.5
4	☐	125.000	125.727	731594.47	0.1423	P	1.1
5	☐	250.000	248.629	1422533.98	0.2814	P	0.8
6	☐	500.000	495.834	2803268.77	0.5612	P	0.9
7	☐	1000.000	1002.338	5560130.76	1.1345	P	1.3
8	☐			1666.81	0.0004	P	10.4

$$y = 0.0011 * x + 3.1690E-005$$

$$R = 1.0000$$

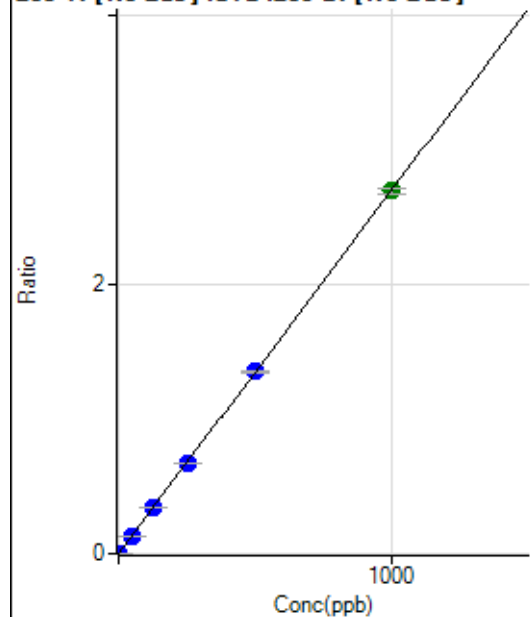
$$DL = 0.01406$$

$$BEC = 0.028$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	319.46	0.0001	P	21.5
2	☐	1.000	1.048	15111.77	0.0029	P	1.1
3	☐	50.000	49.892	699291.53	0.1347	P	1.2
4	☐	125.000	125.530	1741651.71	0.3388	P	0.4
5	☐	250.000	251.211	3427123.12	0.6780	P	0.1
6	☐	500.000	501.859	6765511.91	1.3545	P	0.9
7	☐	1000.000	998.707	13208715.75	2.6954	A	1.9
8	☐			3856.22	0.0008	P	8.7

$$y = 0.0027 * x + 6.0713E-005$$

$$R = 1.0000$$

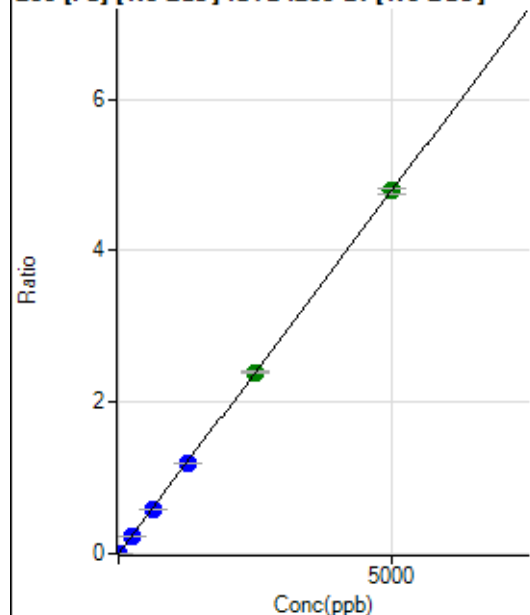
$$DL = 0.01452$$

$$BEC = 0.0225$$

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	361.12	0.0001	P	22.6
2	☐	1.000	1.047	5597.57	0.0011	P	4.2
3	☐	250.000	246.236	1223904.59	0.2358	P	0.5
4	☐	625.000	619.483	3048130.25	0.5930	P	0.1
5	☐	1250.000	1240.515	6001936.19	1.1875	P	0.9
6	☐	2500.000	2502.386	11964670.75	2.3953	A	0.3
7	☐	5000.000	5002.056	23464184.79	4.7879	A	1.3
8	☐			19497.92	0.0043	P	11.8

$$y = 9.5717\text{E-}004 * x + 6.8783\text{E-}005$$

$$R = 1.0000$$

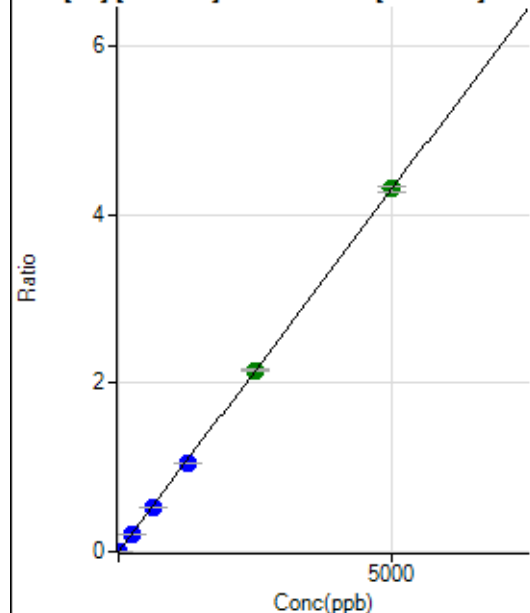
$$DL = 0.04882$$

$$BEC = 0.07186$$

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	303.71	0.0001	P	3.4
2	☐	1.000	1.023	4906.57	0.0009	P	4.9
3	☐	250.000	245.507	1097287.32	0.2114	P	0.7
4	☐	625.000	611.092	2703829.25	0.5260	P	0.3
5	☐	1250.000	1230.042	5351574.25	1.0588	P	0.5
6	☐	2500.000	2497.382	10737240.98	2.1496	A	1.0
7	☐	5000.000	5008.261	21124931.26	4.3108	A	1.7
8	☐			17120.56	0.0038	P	12.8

$$y = 8.6072\text{E-}004 * x + 5.7840\text{E-}005$$

$$R = 1.0000$$

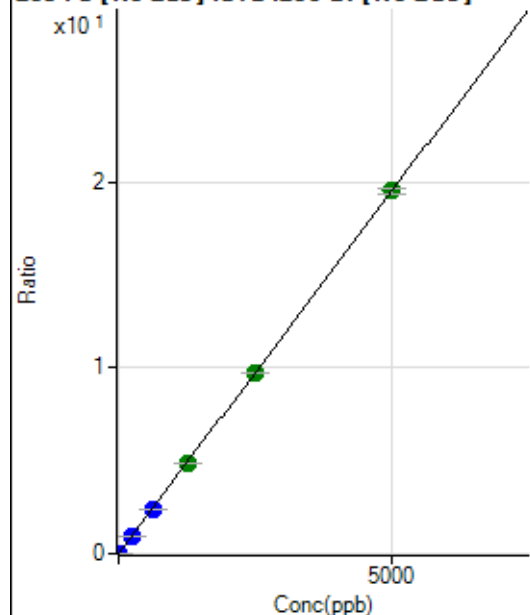
$$DL = 0.00676$$

$$BEC = 0.0672$$

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	1313.01	0.0003	P	6.7
2	☐	1.000	1.049	22689.52	0.0043	P	0.9
3	☐	250.000	244.742	4955629.15	0.9546	P	0.7
4	☐	625.000	615.352	12334798.01	2.3998	P	0.2
5	☐	1250.000	1241.913	24478927.29	4.8430	A	0.4
6	☐	2500.000	2490.580	48512951.20	9.7121	A	0.6
7	☐	5000.000	5008.201	95701763.95	19.5294	A	1.9
8	☐			77912.64	0.0171	P	12.1

$$y = 0.0039 * x + 2.5005E-004$$

$$R = 1.0000$$

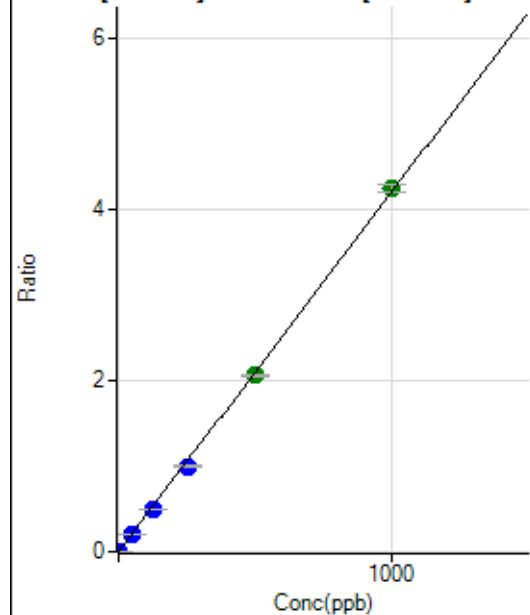
$$DL = 0.0128$$

$$BEC = 0.06413$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	6.2
2	☐	1.000	0.000	118.52	0.0000	P	20.8
3	☐	50.000	46.264	1008556.09	0.1943	P	1.4
4	☐	125.000	117.405	2534023.29	0.4930	P	0.4
5	☐	250.000	237.524	5041218.63	0.9974	P	0.5
6	☐	500.000	490.119	10279416.20	2.0580	A	1.0
7	☐	1000.000	1009.197	20765287.27	4.2376	A	2.2
8	☐			5095.53	0.0011	P	22.2

$$y = 0.0042 * x + 2.2227E-005$$

$$R = 0.9998$$

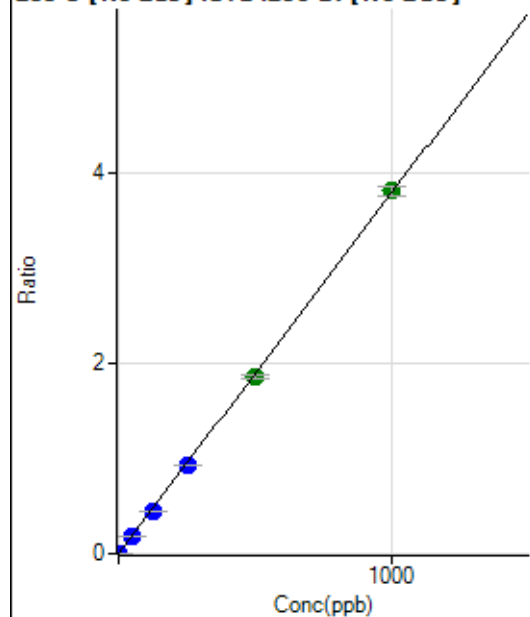
$$DL = 0.0009868$$

$$BEC = 0.005293$$

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	22.22	0.0000	P	79.7
2	☐	1.000	0.956	18958.68	0.0036	P	1.8
3	☐	50.000	47.196	928173.99	0.1788	P	0.5
4	☐	125.000	119.273	2322418.30	0.4518	P	0.5
5	☐	250.000	244.243	4676688.00	0.9252	P	1.2
6	☐	500.000	491.162	9293099.08	1.8606	A	1.4
7	☐	1000.000	1006.714	18687923.16	3.8136	A	2.3
8	☐			2639.24	0.0006	P	10.0

$$y = 0.0038 * x + 4.2666E-006$$

$$R = 0.9999$$

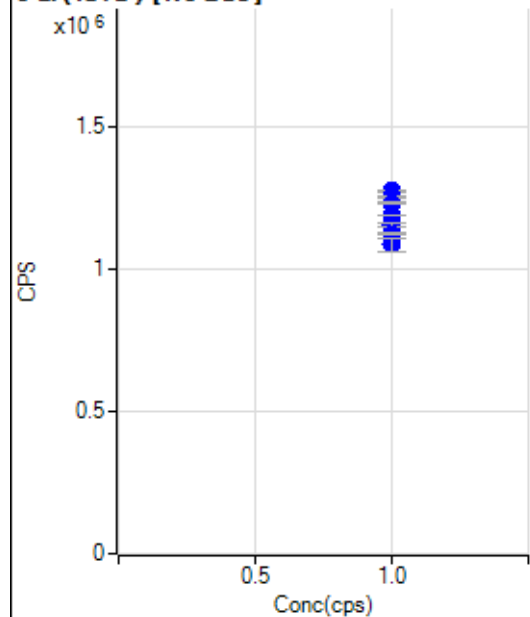
$$DL = 0.002693$$

$$BEC = 0.001126$$

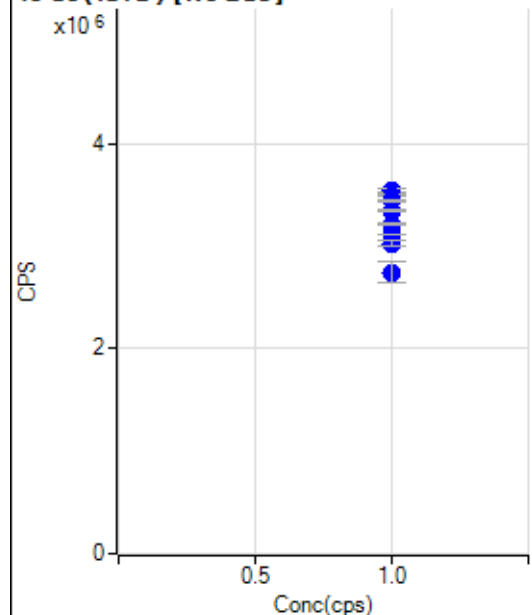
Weight: <None>

Min Conc: 0

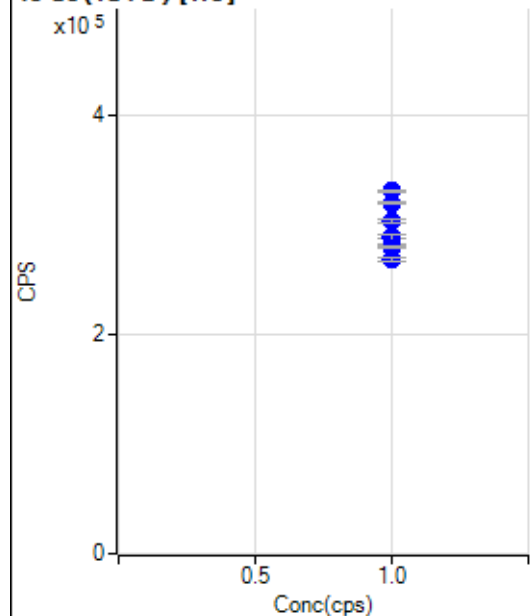
6 Li (ISTD) [No Gas]



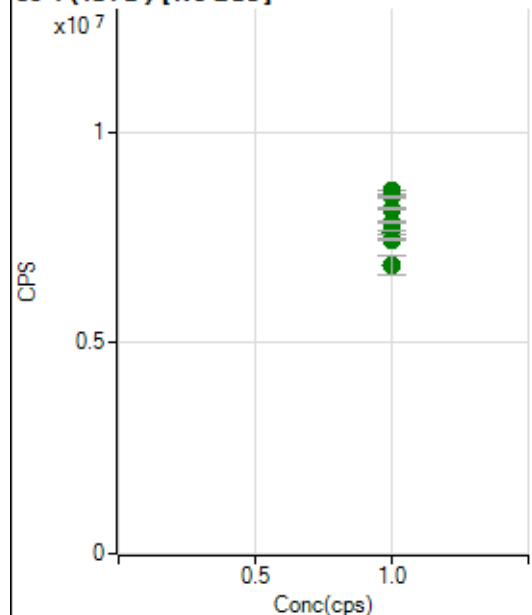
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1272520.02		P	0.7
2	☐	1.000		1256935.20		P	1.4
3	☐	1.000		1252277.77		P	0.8
4	☐	1.000		1228101.16		P	0.6
5	☐	1.000		1187690.17		P	0.4
6	☐	1.000		1152982.58		P	0.7
7	☐	1.000		1122091.07		P	1.0
8	☐	1.000		1084392.55		P	4.5

45 Sc (ISTD) [No Gas]

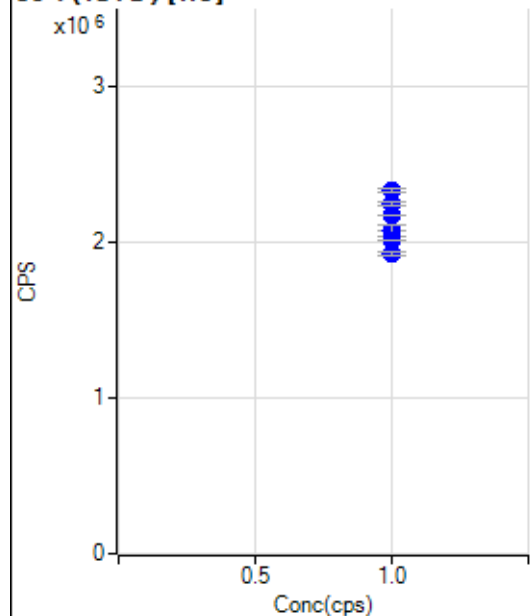
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3535220.85		P	1.0
2	☐	1.000		3494370.99		P	0.6
3	☐	1.000		3439590.75		P	0.4
4	☐	1.000		3339663.67		P	0.6
5	☐	1.000		3211739.22		P	0.3
6	☐	1.000		3108860.61		P	0.3
7	☐	1.000		3020573.95		P	1.9
8	☐	1.000		2743625.69		P	7.0

45 Sc (ISTD) [He]

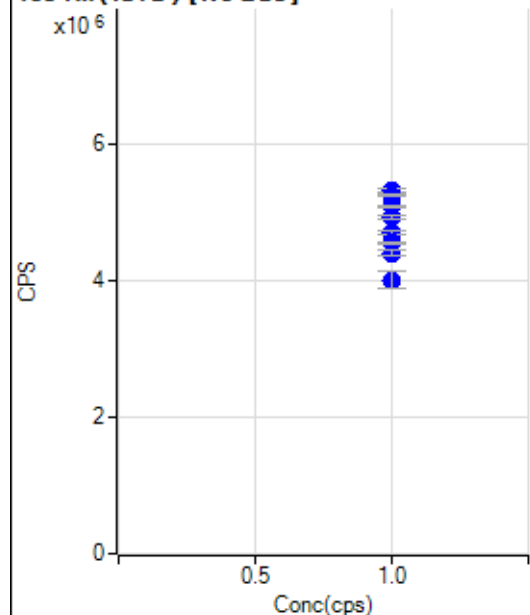
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		330844.88		P	0.8
2	☐	1.000		330586.98		P	0.5
3	☐	1.000		319649.46		P	0.5
4	☐	1.000		302999.87		P	1.0
5	☐	1.000		289189.37		P	1.1
6	☐	1.000		286808.83		P	3.2
7	☐	1.000		279542.64		P	0.5
8	☐	1.000		268037.46		P	1.0

89 Y (ISTD) [No Gas]

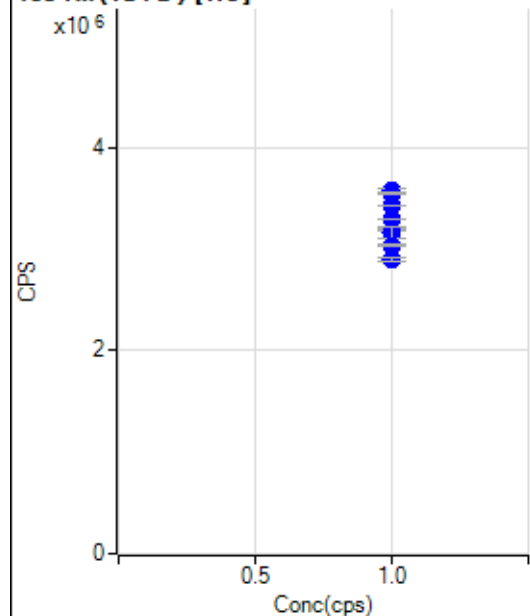
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8612174.11		A	0.1
2	☐	1.000		8542156.75		A	0.1
3	☐	1.000		8467936.12		A	0.7
4	☐	1.000		8178138.91		A	0.7
5	☐	1.000		7870408.01		A	0.9
6	☐	1.000		7640439.75		A	1.2
7	☐	1.000		7456471.28		A	0.9
8	☐	1.000		6827929.55		A	6.6

89 Y (ISTD) [He]

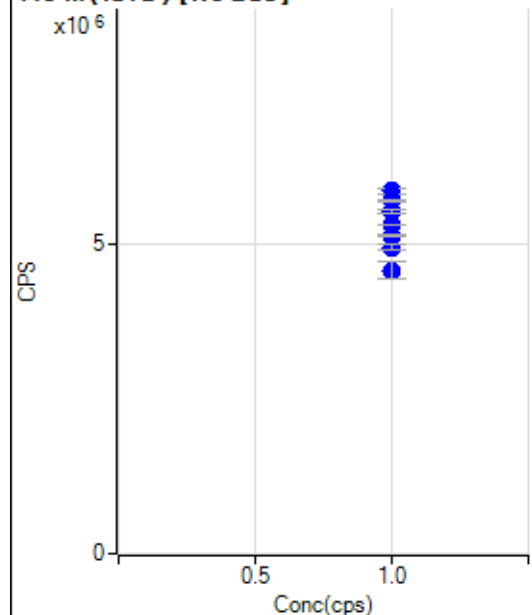
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2325239.76		P	0.9
2	☐	1.000		2324545.70		P	1.1
3	☐	1.000		2245311.20		P	1.3
4	☐	1.000		2168680.87		P	0.1
5	☐	1.000		2071368.30		P	0.4
6	☐	1.000		2072092.40		P	3.2
7	☐	1.000		2009579.17		P	0.4
8	☐	1.000		1926923.24		P	1.2

103 Rh (ISTD) [No Gas]

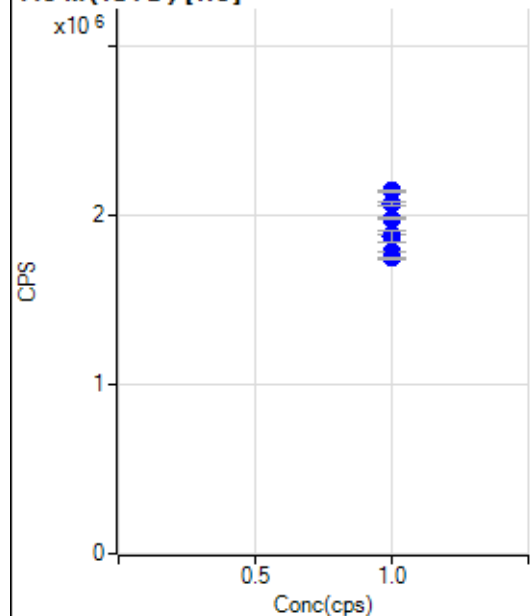
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5320396.80		P	1.0
2	☐	1.000		5254156.69		P	0.3
3	☐	1.000		5100127.04		P	0.4
4	☐	1.000		4932121.07		P	1.3
5	☐	1.000		4709386.07		P	1.0
6	☐	1.000		4554753.54		P	0.6
7	☐	1.000		4410191.18		P	1.4
8	☐	1.000		4016598.34		P	5.7

103 Rh (ISTD) [He]

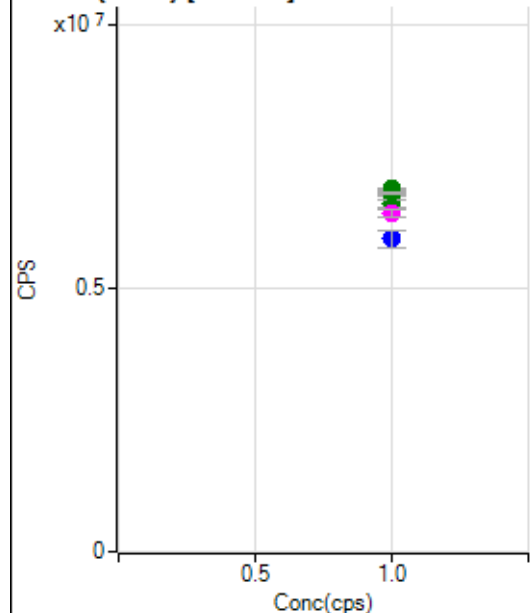
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3575028.63		P	1.2
2	☐	1.000		3551678.31		P	0.8
3	☐	1.000		3427094.08		P	0.4
4	☐	1.000		3302953.84		P	0.2
5	☐	1.000		3192058.60		P	0.6
6	☐	1.000		3160568.60		P	3.5
7	☐	1.000		3041210.65		P	0.3
8	☐	1.000		2899791.76		P	0.9

115 In (ISTD) [No Gas]

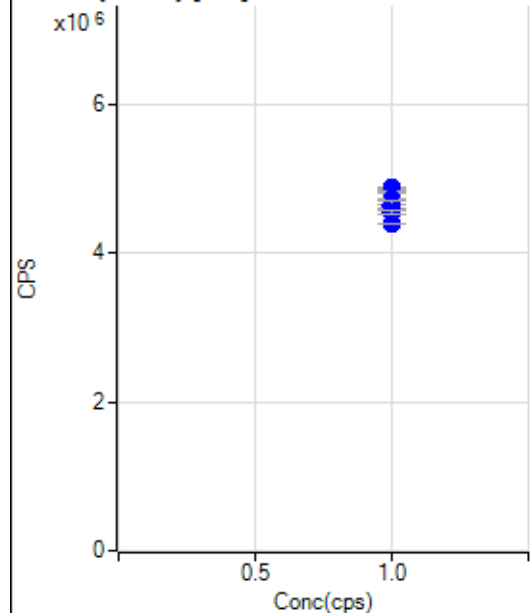
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5851820.56		P	1.5
2	☐	1.000		5794069.95		P	0.3
3	☐	1.000		5702274.49		P	0.4
4	☐	1.000		5516342.51		P	0.8
5	☐	1.000		5292011.30		P	0.1
6	☐	1.000		5128603.27		P	0.4
7	☐	1.000		4933355.86		P	1.9
8	☐	1.000		4568181.99		P	5.7

115 In (ISTD) [He]

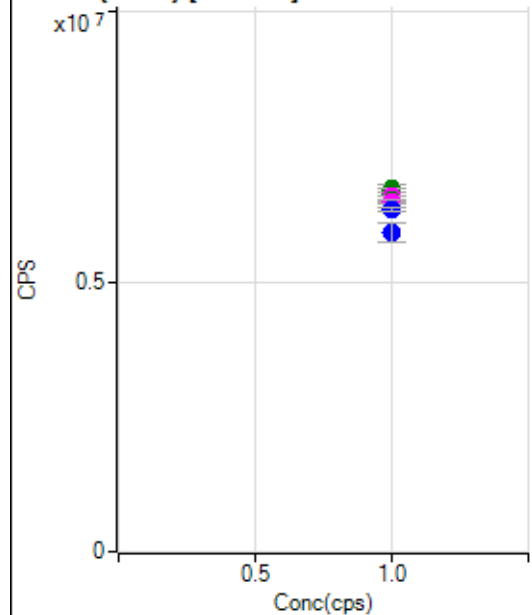
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2143256.09		P	0.7
2	☐	1.000		2144130.43		P	0.3
3	☐	1.000		2067840.79		P	0.8
4	☐	1.000		1982523.56		P	0.5
5	☐	1.000		1886619.45		P	0.1
6	☐	1.000		1875250.57		P	3.2
7	☐	1.000		1783033.63		P	0.2
8	☐	1.000		1746516.42		P	0.7

159 Tb (ISTD) [No Gas]

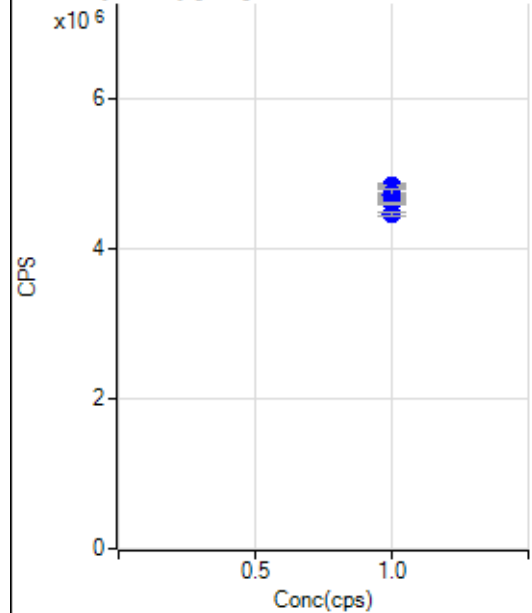
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6889381.84		A	0.7
2	☐	1.000		6768128.37		A	0.2
3	☐	1.000		6820717.53		A	0.1
4	☐	1.000		6810674.83		A	0.6
5	☐	1.000		6606596.08		A	2.0
6	☐	1.000		6535163.72		A	0.6
7	☐	1.000		6424073.37		M	2.6
8	☐	1.000		5939050.47		P	5.6

159 Tb (ISTD) [He]

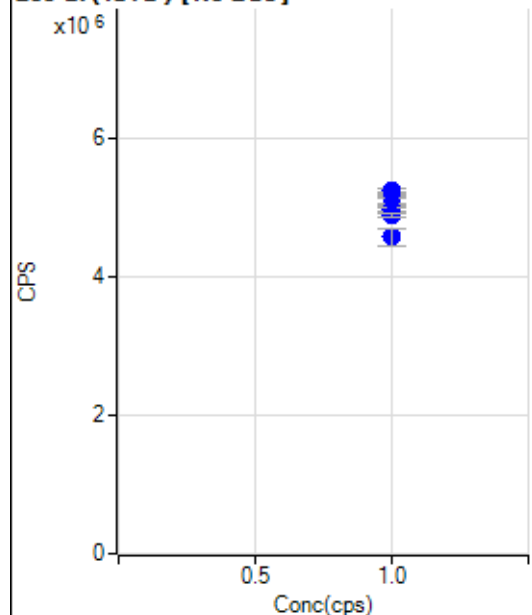
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4882976.00		P	0.5
2	☐	1.000		4846720.45		P	0.8
3	☐	1.000		4838660.69		P	0.5
4	☐	1.000		4731165.49		P	0.3
5	☐	1.000		4633200.11		P	0.8
6	☐	1.000		4659510.14		P	2.1
7	☐	1.000		4554186.74		P	0.9
8	☐	1.000		4399224.80		P	0.2

165 Ho (ISTD) [No Gas]

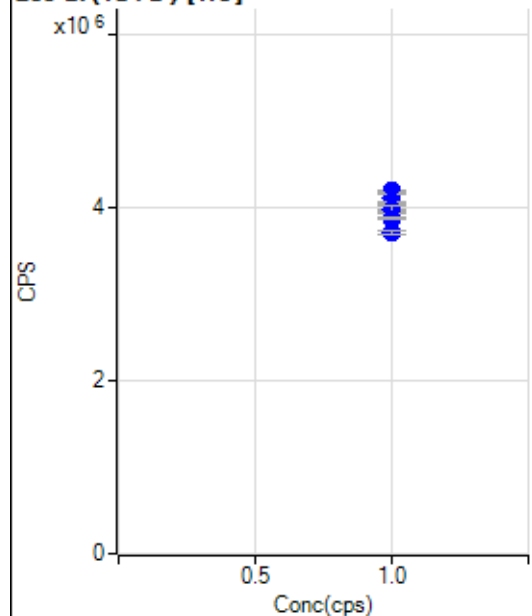
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6718288.79		A	2.0
2	☐	1.000		6636813.31		A	1.0
3	☐	1.000		6691781.36		A	1.2
4	☐	1.000		6591744.90		M	0.3
5	☐	1.000		6530538.65		A	1.2
6	☐	1.000		6472188.72		M	1.0
7	☐	1.000		6335669.56		P	1.2
8	☐	1.000		5910593.59		P	5.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4840573.02		P	0.5
2	☐	1.000		4845546.84		P	1.1
3	☐	1.000		4844779.06		P	0.6
4	☐	1.000		4748283.23		P	0.6
5	☐	1.000		4680157.88		P	1.3
6	☐	1.000		4738464.65		P	3.1
7	☐	1.000		4611320.07		P	0.4
8	☐	1.000		4477688.78		P	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5252034.12		P	1.7
2	☐	1.000		5228194.96		P	0.4
3	☐	1.000		5191495.72		P	0.9
4	☐	1.000		5140004.51		P	0.1
5	☐	1.000		5054513.60		P	0.4
6	☐	1.000		4995111.04		P	1.1
7	☐	1.000		4901219.30		P	1.4
8	☐	1.000		4581414.96		P	5.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4195652.02		P	0.7
2	☐	1.000		4168452.68		P	0.1
3	☐	1.000		4114898.62		P	2.0
4	☐	1.000		4059292.96		P	0.7
5	☐	1.000		3966238.20		P	0.5
6	☐	1.000		3982950.22		P	2.6
7	☐	1.000		3879710.81		P	0.8
8	☐	1.000		3709383.90		P	1.5