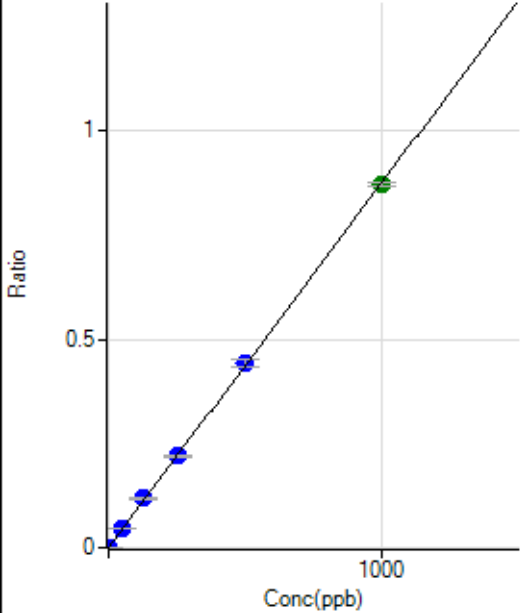


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122324MS.b\
 Analysis File: P7122324MS.batch.bin
 DA Date-Time: 2024-12-23 17:01:15
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-23 10:59:16
2	006CALS.d	S02	2024-12-23 11:05:51
3	007CALS.d	S03	2024-12-23 11:09:06
4	008CALS.d	S04	2024-12-23 11:12:08
5	009CALS.d	S05	2024-12-23 11:14:58
6	010CALS.d	S06	2024-12-23 11:17:46
7	011CALS.d	S07	2024-12-23 11:20:30
8	012CALS.d	S08	2024-12-23 11:23:17

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0000	P	11.8
2	☐	1.000	1.175	1823.46	0.0011	P	6.6
3	☐	50.000	54.527	83405.72	0.0477	P	1.3
4	☐	125.000	135.026	209945.46	0.1182	P	2.2
5	☐	250.000	251.410	399224.25	0.2200	P	1.6
6	☐	500.000	506.043	759413.90	0.4428	P	3.3
7	☐	1000.000	995.146	1486101.64	0.8707	A	0.9
8	☐			530.01	0.0003	P	7.2

$y = 8.7489E-004 * x + 3.3492E-005$

$R = 0.9999$

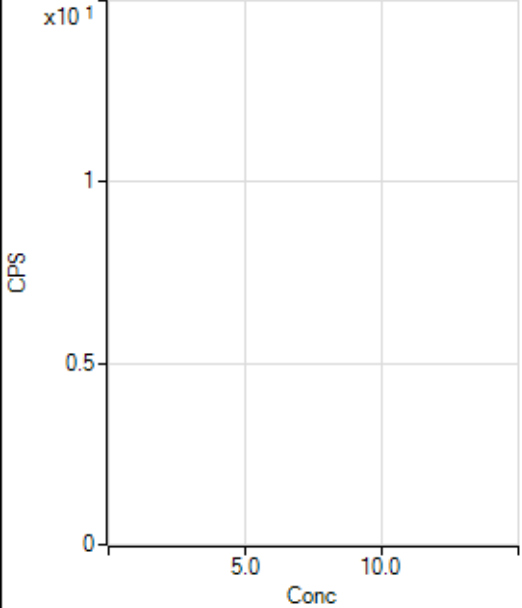
$DL = 0.01351$

$BEC = 0.03828$

Weight: <None>

Min Conc: 0

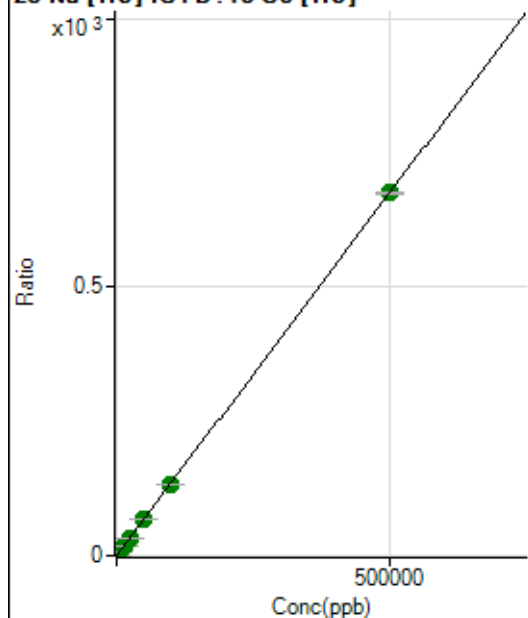
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22209.44	0.0375	P	1.7
2	☐	500.000	509.986	434280.33	0.7258	P	0.3
3	☐	5000.000	4936.720	3985543.38	6.7000	A	1.2
4	☐	12500.000	12559.490	9771609.85	16.9876	A	0.4
5	☐	25000.000	24690.286	16732555.31	33.3592	A	1.0
6	☐	50000.000	49576.905	32400303.68	66.9458	A	0.5
7	☐	100000.00	98623.807	64898651.81	133.1388	A	0.2
8	☐	500000.00	500332.16	350546243.67	675.2788	A	0.8

$$y = 0.0013 * x + 0.0375$$

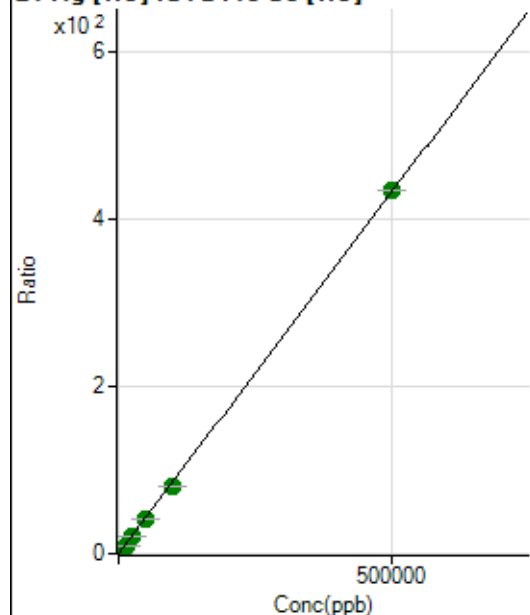
$$R = 1.0000$$

$$DL = 1.398$$

$$BEC = 27.78$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	582.24	0.0010	P	5.9
2	☐	500.000	522.237	271108.56	0.4531	P	0.1
3	☐	5000.000	4700.869	2421363.60	4.0704	A	0.4
4	☐	12500.000	11775.989	5864395.05	10.1952	A	0.6
5	☐	25000.000	23316.065	10125072.49	20.1852	A	0.4
6	☐	50000.000	46762.604	19592580.82	40.4823	A	0.4
7	☐	100000.00	92700.541	39117677.47	80.2498	A	0.4
8	☐	500000.00	501888.89	225542414.42	434.4750	A	0.1

$$y = 8.6568\text{E-}004 * x + 9.8288\text{E-}004$$

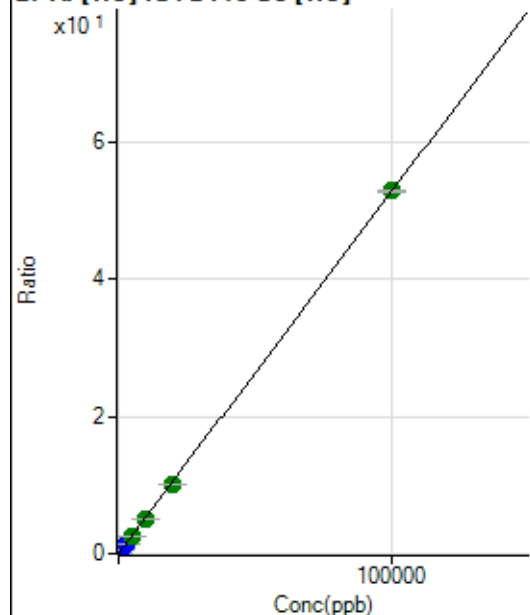
$$R = 0.9999$$

$$DL = 0.2012$$

$$BEC = 1.135$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	151.12	0.0003	P	13.4
2	☐	20.000	19.892	6434.73	0.0108	P	2.6
3	☐	1000.000	971.777	305255.07	0.5132	P	0.8
4	☐	2500.000	2457.738	746262.79	1.2974	P	1.2
5	☐	5000.000	4804.346	1272026.55	2.5360	A	0.9
6	☐	10000.000	9691.032	2475598.02	5.1152	A	0.7
7	☐	20000.000	19212.774	4943020.69	10.1407	A	1.0
8	☐	100000.00	100199.46	27453679.31	52.8853	A	0.6

$$y = 5.2780\text{E-}004 * x + 2.5514\text{E-}004$$

$$R = 1.0000$$

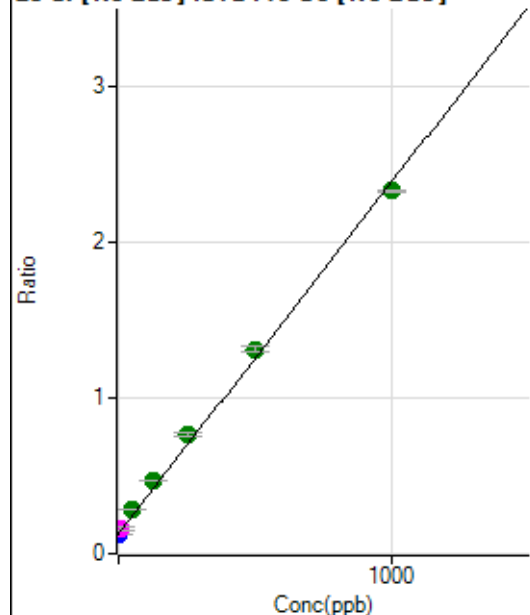
$$DL = 0.1943$$

$$BEC = 0.4834$$

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	850085.00	0.1280	P	0.8
2	☐	10.000	14.916	1063374.44	0.1616	M	15.2
3	☐	50.000	71.146	1922438.81	0.2882	A	0.9
4	☐	125.000	151.579	3097499.08	0.4694	A	0.4
5	☐	250.000	280.694	4760621.56	0.7602	A	3.3
6	☐	500.000	525.120	7304793.78	1.3108	A	2.7
7	☐	1000.000	975.338	13142040.91	2.3249	A	0.5
8	☐			754768.23	0.1293	P	4.4

$$y = 0.0023 * x + 0.1280$$

$$R = 0.9989$$

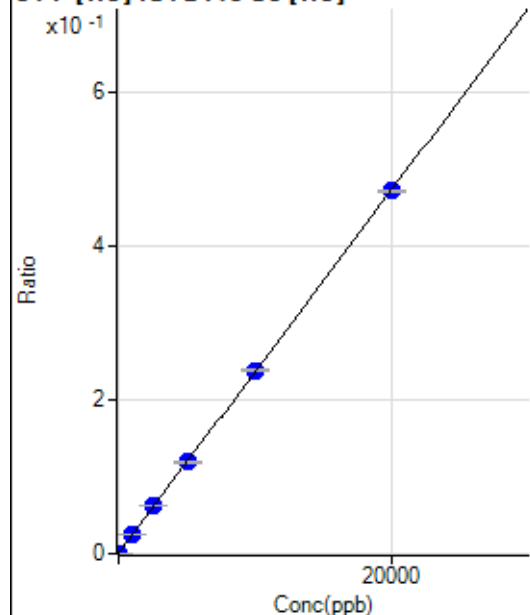
$$DL = 1.316$$

$$BEC = 56.82$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.688	177.78	0.0003	P	9.1
2	☐	0.000	15.688	623.35	0.0010	P	11.3
3	☐	1000.000	1031.310	14901.80	0.0251	P	1.2
4	☐	2500.000	2622.293	36043.40	0.0627	P	0.4
5	☐	5000.000	5009.190	59732.46	0.1191	P	0.9
6	☐	10000.000	10056.228	115377.06	0.2384	P	0.7
7	☐	20000.000	19952.736	230239.19	0.4723	P	0.7
8	☐			252.22	0.0005	P	15.7

$$y = 2.3639E-005 * x + 6.7098E-004$$

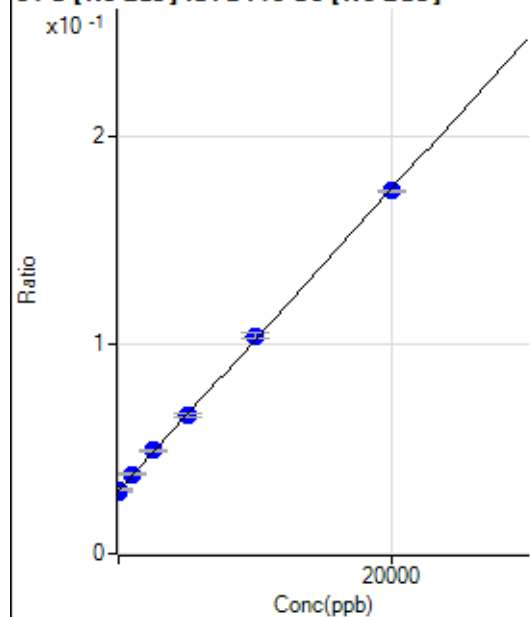
$$R = 1.0000$$

$$DL = 9.185$$

$$BEC = 28.38$$

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	-77.910	196606.49	0.0296	P	0.6
2	☐	0.000	77.910	202372.66	0.0307	P	2.5
3	☐	1000.000	1090.931	253700.38	0.0380	P	0.9
4	☐	2500.000	2643.072	324925.97	0.0492	P	0.4
5	☐	5000.000	4971.865	413639.16	0.0661	P	2.9
6	☐	10000.000	10257.775	580680.73	0.1042	P	3.2
7	☐	20000.000	19855.716	980722.64	0.1735	P	0.2
8	☐			157410.28	0.0270	P	5.2

$$y = 7.2186E-006 * x + 0.0302$$

R = 0.9998

DL = 196.2

BEC = 4178

Weight: <None>

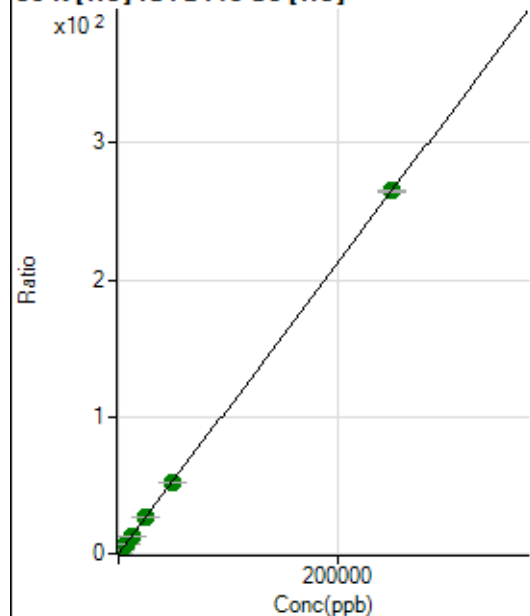
Min Conc: 0

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	51499.00	0.0870	P	0.7
2	☐	500.000	550.087	400419.98	0.6692	P	0.1
3	☐	2500.000	2518.457	1637320.50	2.7525	A	2.0
4	☐	6250.000	6304.056	3887990.74	6.7593	A	0.7
5	☐	12500.000	12150.258	6494166.85	12.9470	A	0.8
6	☐	25000.000	24577.965	12632125.64	26.1007	A	0.4
7	☐	50000.000	48986.099	25315818.79	51.9346	A	0.6
8	☐	250000.00	250260.83	137548343.51	264.9669	A	0.3

$$y = 0.0011 * x + 0.0870$$

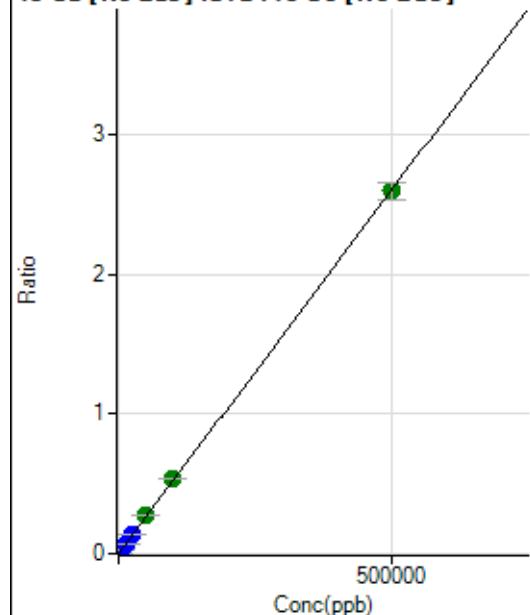
$$R = 1.0000$$

$$DL = 1.604$$

$$BEC = 82.15$$

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	314.45	0.0000	P	13.1
2	☐	500.000	587.545	20450.52	0.0031	P	2.1
3	☐	5000.000	5443.947	189259.65	0.0284	P	0.2
4	☐	12500.000	13678.357	469954.87	0.0712	P	1.3
5	☐	25000.000	26526.710	864768.21	0.1381	P	2.4
6	☐	50000.000	52825.661	1532080.20	0.2749	A	2.8
7	☐	100000.00	102459.83	3014058.12	0.5332	A	0.6
8	☐	500000.00	499115.14	15152756.58	2.5972	A	5.0

$$y = 5.2034\text{E-}006 * x + 4.7351\text{E-}005$$

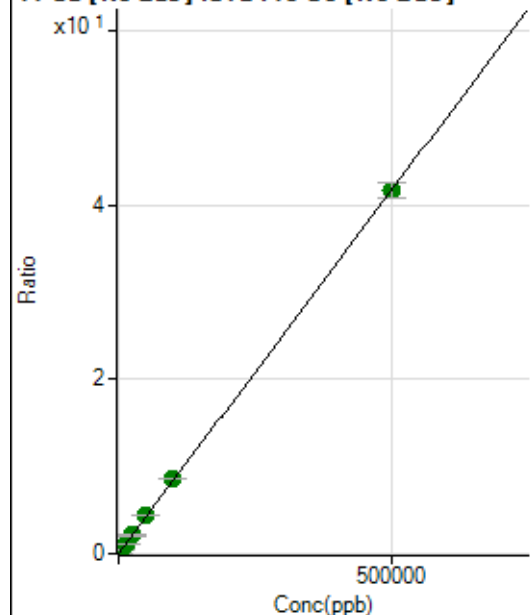
$$R = 1.0000$$

$$DL = 3.58$$

$$BEC = 9.1$$

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	11684.60	0.0018	P	0.7
2	☐	500.000	586.291	333470.32	0.0506	P	1.2
3	☐	5000.000	5125.377	2860913.29	0.4289	A	0.8
4	☐	12500.000	12950.889	7134322.25	1.0811	A	0.1
5	☐	25000.000	25223.599	13178846.05	2.1040	A	1.9
6	☐	50000.000	52529.936	24407824.36	4.3798	A	2.7
7	☐	100000.00	102348.60	48229505.39	8.5319	A	0.5
8	☐	500000.00	499253.49	242823911.94	41.6114	A	4.4

$$y = 8.3344\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

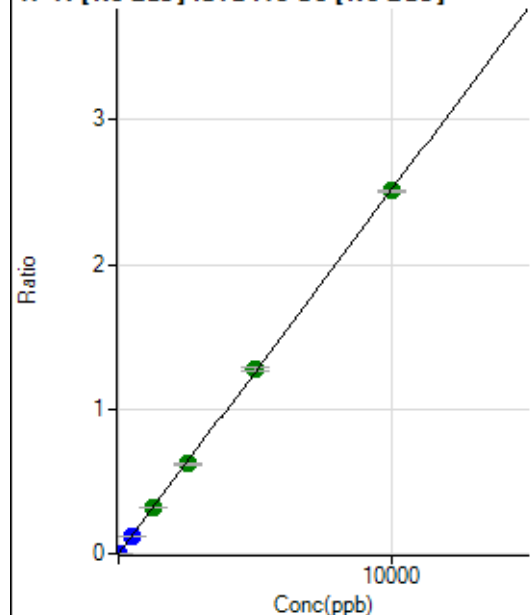
$$DL = 0.4546$$

$$BEC = 21.11$$

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	100.00	0.0000	P	11.6
2	☐	5.000	5.388	9024.99	0.0014	P	2.4
3	☐	500.000	501.054	840285.09	0.1260	P	0.3
4	☐	1250.000	1262.737	2094847.38	0.3175	A	0.9
5	☐	2500.000	2470.623	3889649.60	0.6211	A	2.8
6	☐	5000.000	5063.171	7094422.74	1.2729	A	2.2
7	☐	10000.000	9974.114	14174578.54	2.5075	A	0.4
8	☐			4023.92	0.0007	P	17.4

$$y = 2.5140\text{E-}004 * x + 1.5055\text{E-}005$$

$$R = 1.0000$$

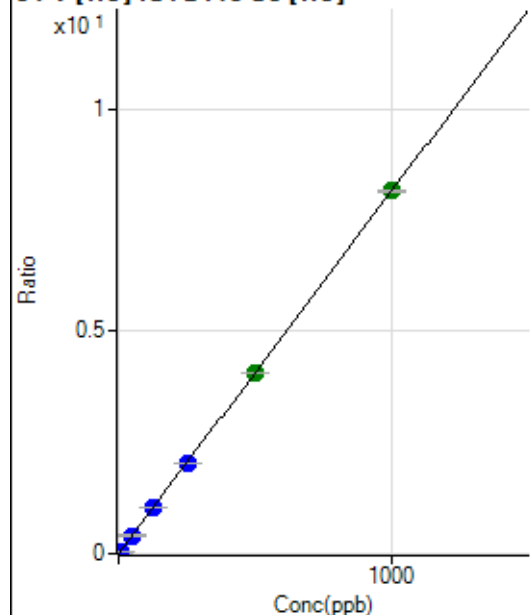
$$DL = 0.02078$$

$$BEC = 0.05989$$

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	11.11	0.0000	P	45.5
2	☐	5.000	5.431	26491.02	0.0443	P	0.3
3	☐	50.000	50.298	243796.96	0.4098	P	0.7
4	☐	125.000	127.486	597494.36	1.0388	P	1.0
5	☐	250.000	248.044	1013816.15	2.0211	P	0.2
6	☐	500.000	498.830	1967070.04	4.0644	A	0.6
7	☐	1000.000	1000.746	3974628.41	8.1540	A	0.7
8	☐			904.48	0.0017	P	4.9

$$y = 0.0081 * x + 1.8744\text{E-}005$$

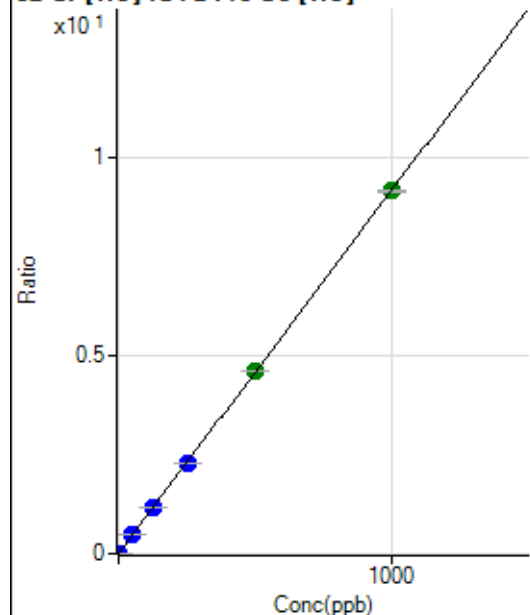
$$R = 1.0000$$

$$DL = 0.003143$$

$$BEC = 0.0023$$

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	1567.87	0.0026	P	1.9
2	☐	2.000	2.192	13612.89	0.0227	P	1.9
3	☐	50.000	50.715	278220.19	0.4677	P	1.3
4	☐	125.000	128.183	677647.26	1.1781	P	0.7
5	☐	250.000	249.059	1146964.14	2.2866	P	0.3
6	☐	500.000	501.646	2227665.99	4.6028	A	0.1
7	☐	1000.000	998.978	4466704.21	9.1634	A	0.5
8	☐			7403.18	0.0143	P	2.6

$$y = 0.0092 * x + 0.0026$$

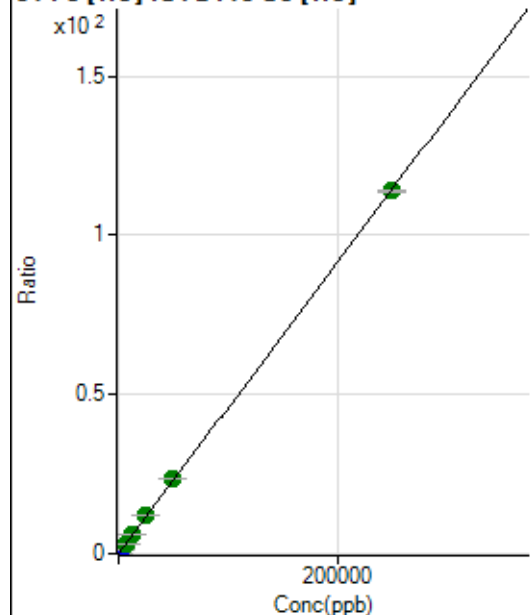
$$R = 1.0000$$

$$DL = 0.01602$$

$$BEC = 0.2887$$

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	2503.57	0.0042	P	2.7
2	☐	50.000	60.076	18954.26	0.0317	P	1.1
3	☐	2500.000	2691.404	733985.63	1.2339	P	0.8
4	☐	6250.000	6647.884	1749468.41	3.0415	A	1.2
5	☐	12500.000	13027.820	2987924.44	5.9564	A	0.6
6	☐	25000.000	26133.002	5780691.58	11.9440	A	0.8
7	☐	50000.000	51748.608	11526849.41	23.6473	A	0.5
8	☐	250000.00	249498.72	59176762.45	113.9961	A	0.6

$$y = 4.5688E-004 * x + 0.0042$$

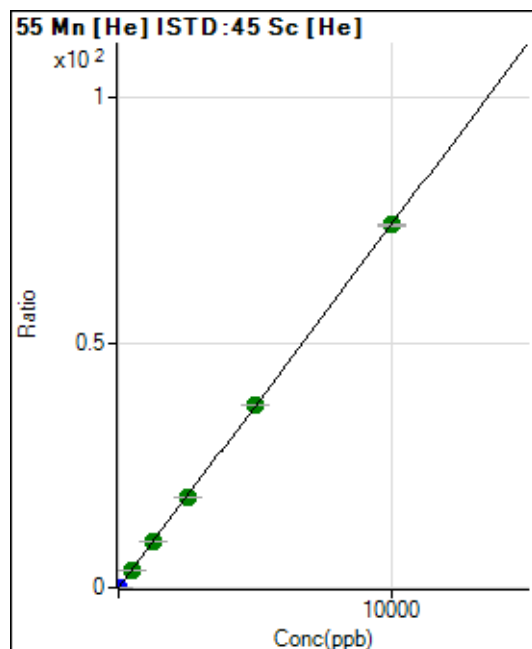
$$R = 1.0000$$

$$DL = 0.7513$$

$$BEC = 9.253$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262.23	0.0004	P	9.6
2	☐	1.000	1.105	5166.49	0.0086	P	4.1
3	☐	500.000	497.267	2193194.03	3.6869	A	0.6
4	☐	1250.000	1259.459	5370900.75	9.3373	A	0.8
5	☐	2500.000	2497.757	9288500.77	18.5174	A	0.5
6	☐	5000.000	5028.939	18043984.04	37.2821	A	0.5
7	☐	10000.000	9985.046	36083213.90	74.0238	A	0.7
8	☐			17960.17	0.0346	P	9.5

$$y = 0.0074 * x + 4.4277E-004$$

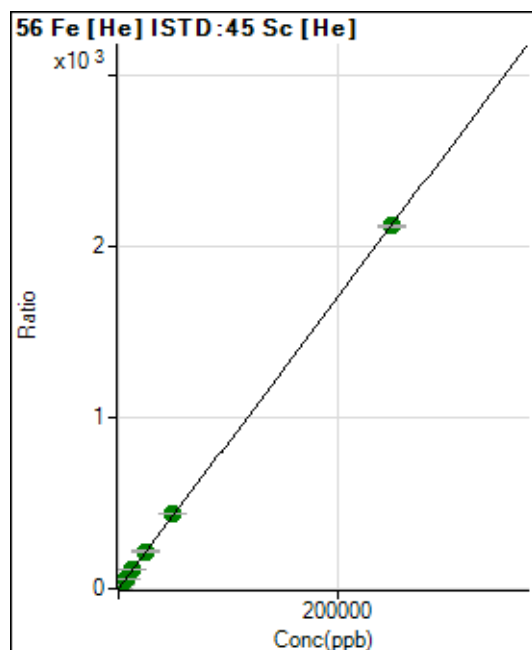
$$R = 1.0000$$

$$DL = 0.01718$$

$$BEC = 0.05972$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20023.41	0.0338	P	0.9
2	☐	50.000	56.467	307187.22	0.5134	P	0.5
3	☐	2500.000	2557.956	12942913.00	21.7579	A	0.7
4	☐	6250.000	6498.422	31765592.86	55.2234	A	1.1
5	☐	12500.000	12779.640	54460526.97	108.5684	A	0.6
6	☐	25000.000	25770.815	105943836.20	218.8995	A	0.6
7	☐	50000.000	51346.411	212583070.17	436.1072	A	0.7
8	☐	250000.00	249632.86	1100580036.9	2,120.109	A	0.2

$$y = 0.0085 * x + 0.0338$$

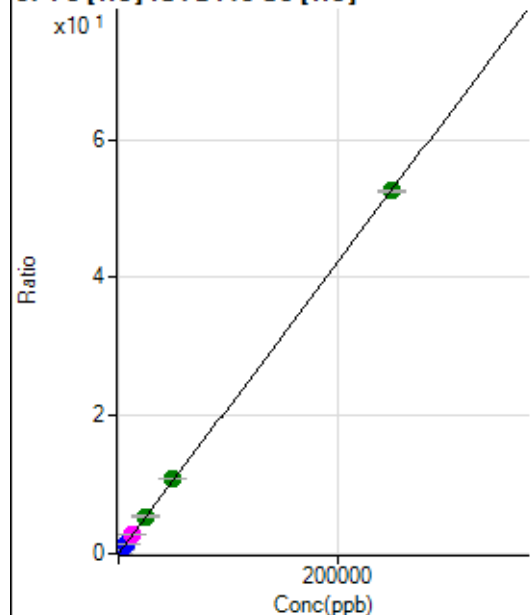
$$R = 1.0000$$

$$DL = 0.1113$$

$$BEC = 3.981$$

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	916.71	0.0015	P	5.2
2	☐	50.000	58.166	8252.32	0.0138	P	2.3
3	☐	2500.000	2632.356	330526.62	0.5556	P	0.5
4	☐	6250.000	6643.138	805198.64	1.3999	P	1.1
5	☐	12500.000	13011.322	1374445.87	2.7403	M	1.7
6	☐	25000.000	25791.527	2628201.58	5.4305	A	1.3
7	☐	50000.000	51152.350	5249196.13	10.7687	A	0.5
8	☐	250000.00	249653.65	27280362.09	52.5516	A	0.7

$$y = 2.1049\text{E-}004 * x + 0.0015$$

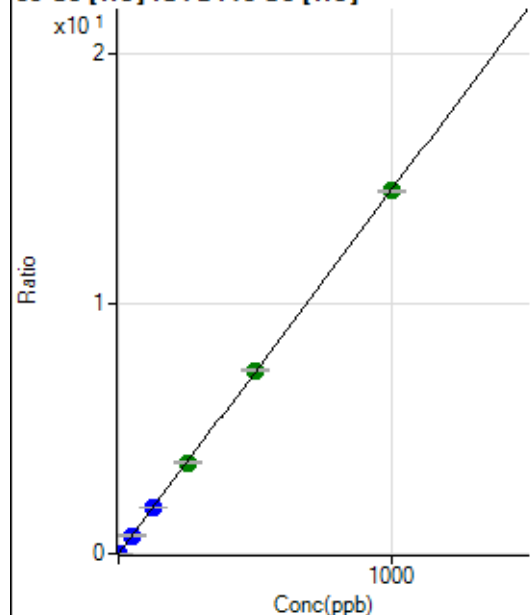
$$R = 1.0000$$

$$DL = 1.14$$

$$BEC = 7.353$$

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	112.22	0.0002	P	12.5
2	☐	1.000	1.138	10032.31	0.0168	P	1.0
3	☐	50.000	50.218	435327.46	0.7318	P	0.6
4	☐	125.000	126.742	1062210.56	1.8467	P	0.9
5	☐	250.000	250.994	1834407.14	3.6569	A	0.9
6	☐	500.000	503.762	3552153.70	7.3394	A	0.6
7	☐	1000.000	997.641	7084861.84	14.5347	A	0.6
8	☐			18961.01	0.0365	P	1.8

$$y = 0.0146 * x + 1.8955\text{E-}004$$

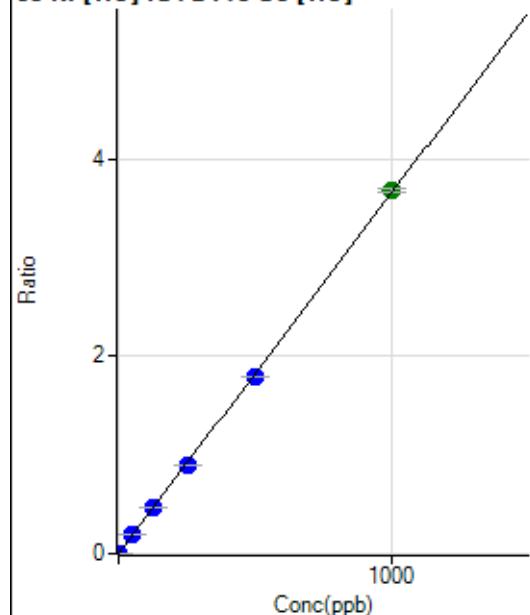
$$R = 1.0000$$

$$DL = 0.004884$$

$$BEC = 0.01301$$

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	398.90	0.0007	P	7.5
2	☐	1.000	1.087	2782.51	0.0046	P	6.6
3	☐	50.000	50.954	111266.28	0.1870	P	0.8
4	☐	125.000	128.045	269780.06	0.4690	P	0.7
5	☐	250.000	246.718	453002.69	0.9031	P	0.4
6	☐	500.000	489.451	866767.63	1.7909	P	0.3
7	☐	1000.000	1005.667	1793400.28	3.6791	A	1.2
8	☐			6426.99	0.0124	P	2.7

$$y = 0.0037 * x + 6.7336E-004$$

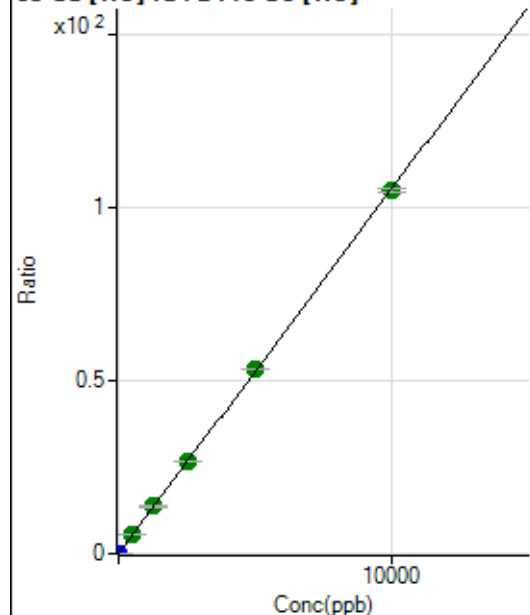
$$R = 0.9999$$

$$DL = 0.04162$$

$$BEC = 0.1841$$

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	733.36	0.0012	P	1.6
2	☐	2.000	2.075	13805.34	0.0231	P	1.4
3	☐	500.000	522.393	3270862.21	5.4986	A	1.1
4	☐	1250.000	1300.955	7874730.16	13.6918	A	2.0
5	☐	2500.000	2534.439	13379105.36	26.6723	A	0.7
6	☐	5000.000	5065.681	25800506.28	53.3097	A	0.6
7	☐	10000.000	9951.061	51045819.79	104.7207	A	0.9
8	☐			10493.76	0.0202	P	6.7

$$y = 0.0105 * x + 0.0012$$

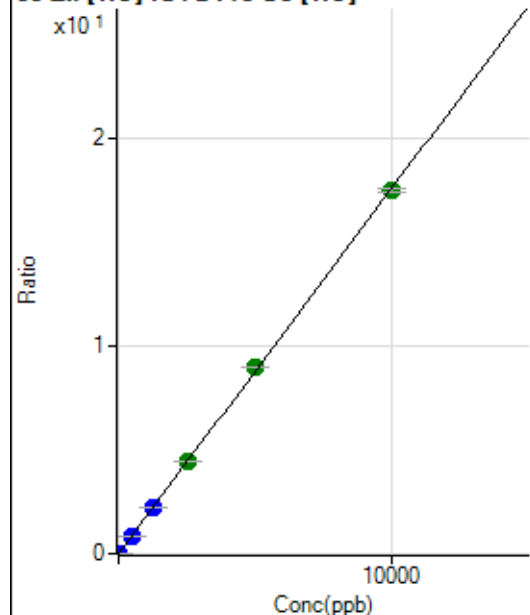
$$R = 1.0000$$

$$DL = 0.005674$$

$$BEC = 0.1177$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	245.56	0.0004	P	10.7
2	☐	5.000	5.403	5920.12	0.0099	P	3.1
3	☐	500.000	494.481	516305.88	0.8680	P	1.1
4	☐	1250.000	1252.271	1263976.50	2.1975	P	0.8
5	☐	2500.000	2538.916	2234460.90	4.4548	A	1.1
6	☐	5000.000	5100.369	4331003.72	8.9488	A	0.2
7	☐	10000.000	9940.078	8501006.68	17.4398	A	1.1
8	☐			6474.79	0.0125	P	1.4

$$y = 0.0018 * x + 4.1474E-004$$

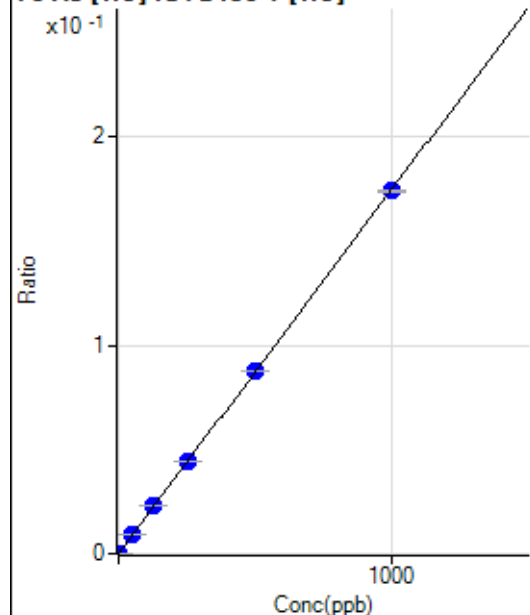
$$R = 0.9999$$

$$DL = 0.07555$$

$$BEC = 0.2364$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	92.2
2	☐	1.000	1.134	771.14	0.0002	P	6.3
3	☐	50.000	53.752	35423.32	0.0094	P	0.6
4	☐	125.000	133.814	86966.01	0.0234	P	0.5
5	☐	250.000	254.727	148978.87	0.0445	P	0.5
6	☐	500.000	501.218	288340.05	0.0875	P	0.5
7	☐	1000.000	996.920	573343.30	0.1741	P	0.3
8	☐			357.79	0.0001	P	9.1

$$y = 1.7464E-004 * x + 2.9089E-006$$

$$R = 1.0000$$

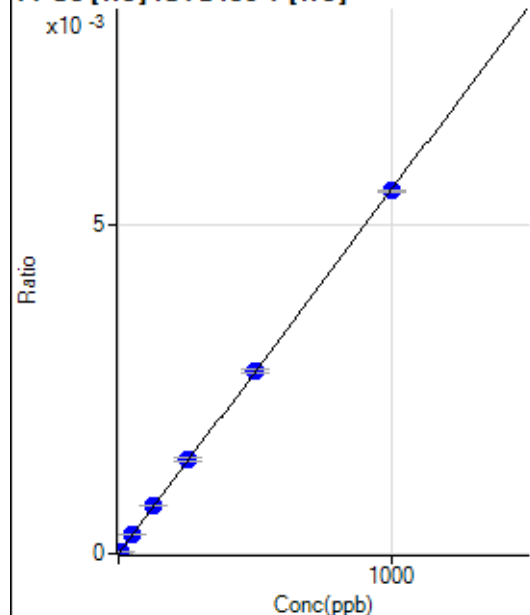
$$DL = 0.04605$$

$$BEC = 0.01666$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	5.000	6.137	133.34	0.0000	P	7.5
3	☐	50.000	53.167	1110.05	0.0003	P	6.8
4	☐	125.000	130.751	2689.16	0.0007	P	1.0
5	☐	250.000	258.154	4774.15	0.0014	P	3.1
6	☐	500.000	500.892	9110.64	0.0028	P	2.0
7	☐	1000.000	996.633	18120.05	0.0055	P	0.7
8	☐			2.22	0.0000	P	86.6

$$y = 5.5204\text{E-}006 * x + 8.6202\text{E-}007$$

$$R = 1.0000$$

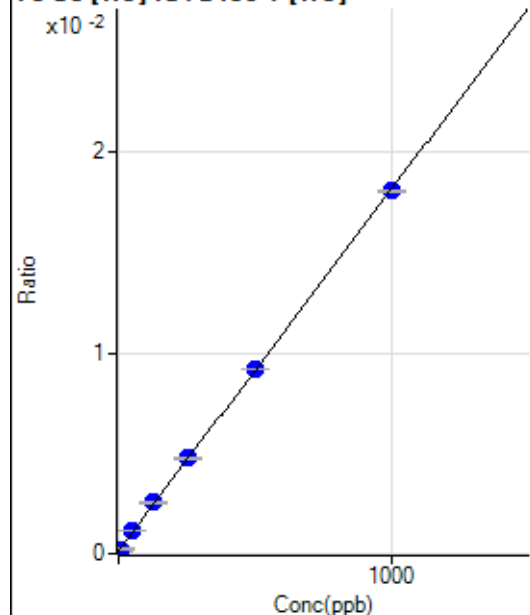
$$DL = 0.8114$$

$$BEC = 0.1562$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	527.79	0.0001	P	17.4
2	☐	5.000	5.028	877.81	0.0002	P	10.6
3	☐	50.000	54.345	4217.30	0.0011	P	2.6
4	☐	125.000	134.794	9556.51	0.0026	P	3.1
5	☐	250.000	256.046	15925.32	0.0048	P	1.8
6	☐	500.000	504.263	30406.78	0.0092	P	0.2
7	☐	1000.000	994.916	59534.62	0.0181	P	0.3
8	☐			393.34	0.0001	P	3.4

$$y = 1.8033\text{E-}005 * x + 1.3803\text{E-}004$$

$$R = 0.9999$$

$$DL = 4.003$$

$$BEC = 7.654$$

Weight: <None>

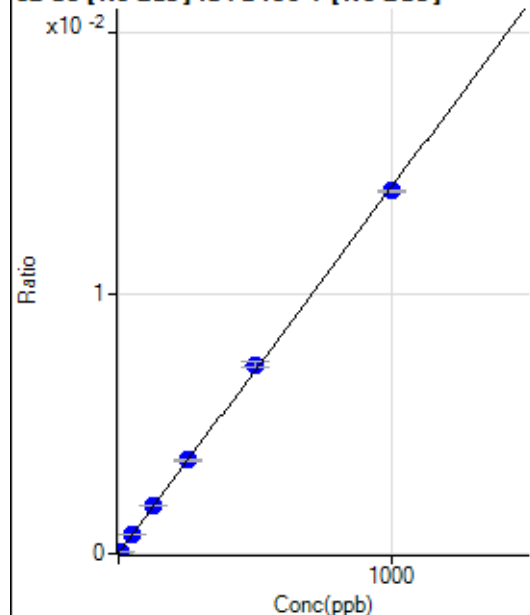
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15671.74		P	1.2
2	☐			15380.34		P	2.8
3	☐			15245.75		P	2.6
4	☐			15280.22		P	0.7
5	☐			13510.72		P	2.0
6	☐			11581.28		P	1.9
7	☐			11748.10		P	1.5
8	☐			12931.30		P	2.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			183.34		P	10.9
2	☐			177.78		P	7.6
3	☐			177.78		P	6.6
4	☐			162.22		P	6.6
5	☐			126.67		P	16.0
6	☐			120.00		P	12.1
7	☐			91.11		P	26.0
8	☐			152.22		P	13.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.27	0.0000	P	7.5
2	☐	5.000	5.558	1266.46	0.0001	P	2.6
3	☐	50.000	52.248	10443.85	0.0007	P	1.4
4	☐	125.000	131.768	25953.74	0.0019	P	0.9
5	☐	250.000	254.426	47552.65	0.0036	P	2.6
6	☐	500.000	516.089	87623.98	0.0073	P	3.3
7	☐	1000.000	989.888	171104.76	0.0139	P	0.4
8	☐			329.06	0.0000	P	4.8

$$y = 1.4064\text{E-}005 * x + 1.3125\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.2095$$

$$BEC = 0.9332$$

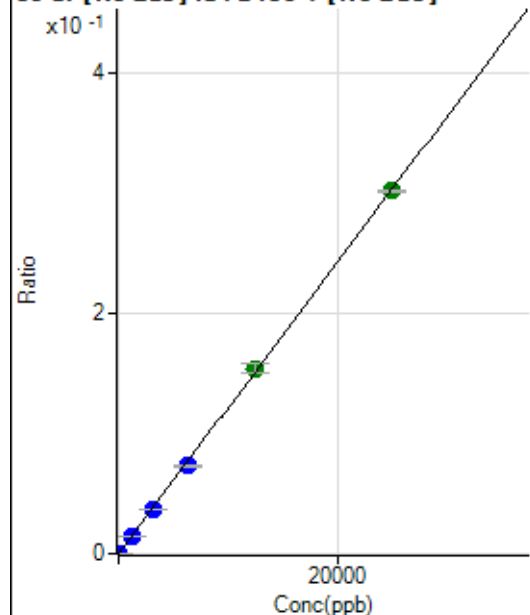
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			258.89		P	12.7
2	☐			223.34		P	14.2
3	☐			226.67		P	1.5
4	☐			235.56		P	14.2
5	☐			207.78		P	14.6
6	☐			207.78		P	25.0
7	☐			212.23		P	4.8
8	☐			235.56		P	10.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	464.46	0.0000	P	15.8
2	☐	1.000	25.848	4801.93	0.0003	P	3.1
3	☐	1250.000	1233.482	208867.66	0.0150	P	0.5
4	☐	3125.000	3091.355	520635.86	0.0374	P	0.2
5	☐	6250.000	6014.990	964042.26	0.0728	P	2.9
6	☐	12500.000	12749.833	1859013.60	0.1543	A	4.4
7	☐	25000.000	24938.866	3705524.77	0.3018	A	0.6
8	☐			11343.33	0.0009	P	4.2

$$y = 1.2100\text{E-}005 * x + 3.3422\text{E-}005$$

$$R = 0.9999$$

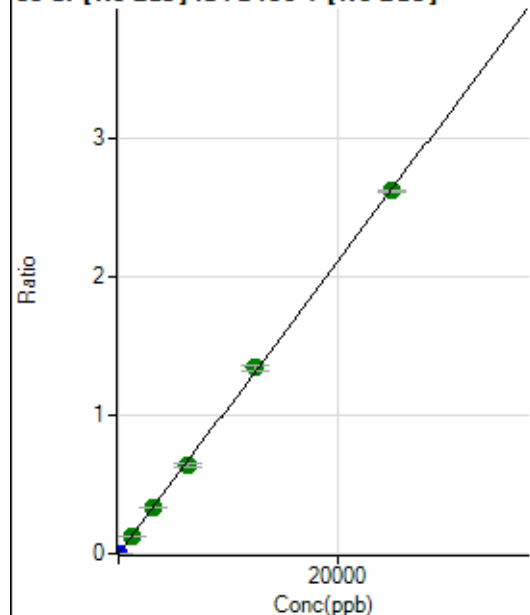
$$DL = 1.313$$

$$BEC = 2.762$$

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	343.34	0.0000	P	8.5
2	☐	1.000	26.554	39094.08	0.0028	P	1.3
3	☐	1250.000	1240.705	1822756.57	0.1305	A	1.2
4	☐	3125.000	3162.427	4626550.49	0.3327	A	0.9
5	☐	6250.000	6073.357	8461102.93	0.6389	A	2.3
6	☐	12500.000	12751.911	16165625.73	1.3415	A	3.1
7	☐	25000.000	24913.991	32180308.69	2.6209	A	0.6
8	☐			97916.53	0.0080	P	1.5

$$y = 1.0520\text{E-}004 * x + 2.4720\text{E-}005$$

$$R = 0.9999$$

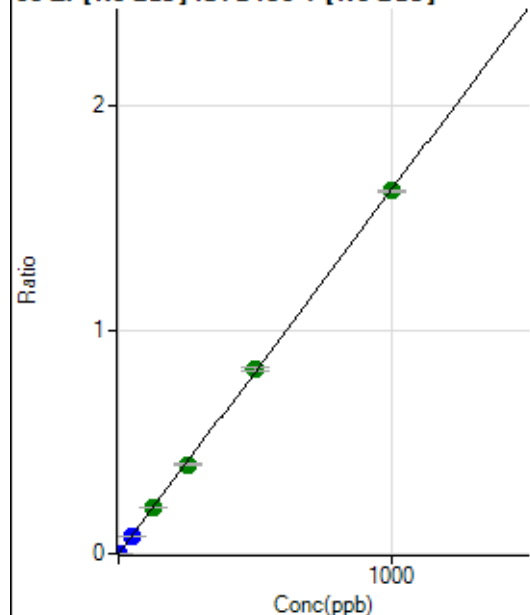
$$DL = 0.06011$$

$$BEC = 0.235$$

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	666.69	0.0000	P	12.4
2	☐	1.000	1.026	23802.67	0.0017	P	0.4
3	☐	50.000	48.778	1107548.40	0.0793	P	0.5
4	☐	125.000	125.182	2829620.93	0.2035	A	1.6
5	☐	250.000	245.408	5281868.04	0.3989	A	2.4
6	☐	500.000	508.006	9951248.81	0.8256	A	2.1
7	☐	1000.000	997.183	19898436.79	1.6206	A	0.7
8	☐			14686.33	0.0012	P	5.8

$$y = 0.0016 * x + 4.8023E-005$$

$$R = 0.9999$$

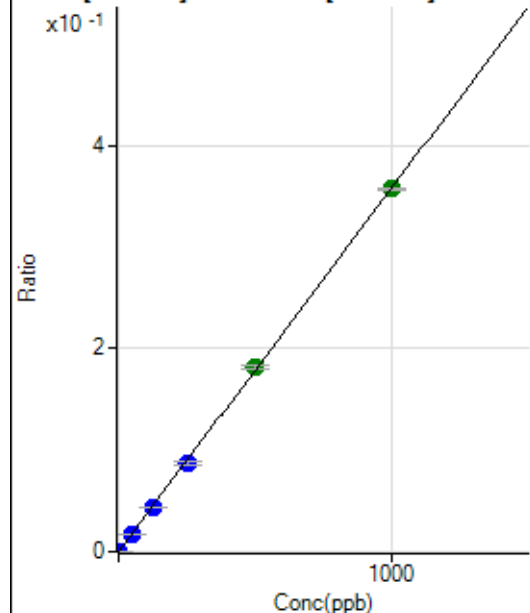
$$DL = 0.01096$$

$$BEC = 0.02955$$

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	134.45	0.0000	P	28.3
2	☐	1.000	1.034	5259.88	0.0004	P	4.1
3	☐	50.000	49.431	246845.03	0.0177	P	1.3
4	☐	125.000	124.087	616951.41	0.0444	P	0.4
5	☐	250.000	242.998	1150076.40	0.0869	P	3.1
6	☐	500.000	506.851	2183925.63	0.1812	A	1.8
7	☐	1000.000	998.468	4382250.94	0.3569	A	0.9
8	☐			3252.61	0.0003	P	6.9

$$y = 3.5745E-004 * x + 9.6958E-006$$

$$R = 0.9999$$

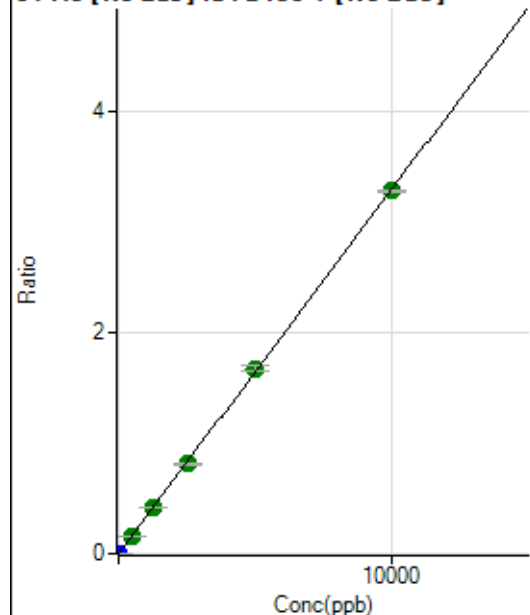
$$DL = 0.02303$$

$$BEC = 0.02712$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.12	0.0000	P	3.8
2	☐	5.000	6.201	28619.10	0.0021	P	3.0
3	☐	500.000	499.152	2291813.37	0.1641	A	0.7
4	☐	1250.000	1258.738	5755325.47	0.4139	A	0.6
5	☐	2500.000	2459.207	10705659.91	0.8086	A	3.1
6	☐	5000.000	5086.625	20155013.87	1.6724	A	2.7
7	☐	10000.000	9965.835	40231511.90	3.2766	A	0.6
8	☐			15205.88	0.0012	P	13.0

$$y = 3.2878\text{E-}004 * x + 2.4559\text{E-}005$$

$$R = 0.9999$$

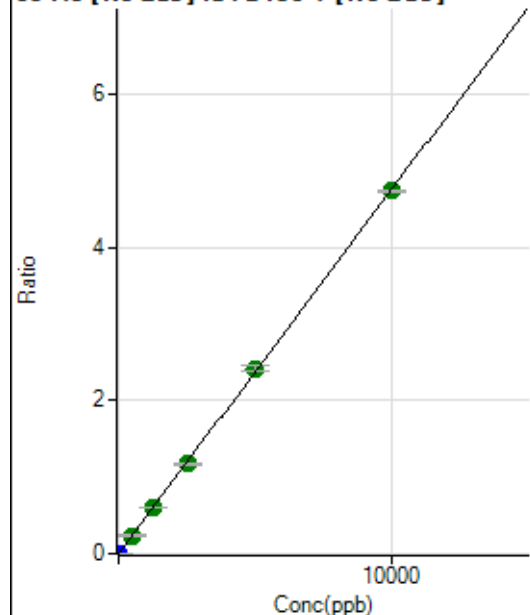
$$DL = 0.008426$$

$$BEC = 0.0747$$

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	156.67	0.0000	P	3.3
2	☐	5.000	5.185	34360.28	0.0025	P	1.2
3	☐	500.000	499.077	3313653.67	0.2373	A	1.5
4	☐	1250.000	1254.380	8294689.25	0.5965	A	0.5
5	☐	2500.000	2467.886	15537025.74	1.1735	A	3.1
6	☐	5000.000	5083.154	29127958.46	2.4171	A	2.9
7	☐	10000.000	9965.950	58185831.91	4.7388	A	0.7
8	☐			16300.58	0.0013	P	18.7

$$y = 4.7550\text{E-}004 * x + 1.1277\text{E-}005$$

$$R = 0.9999$$

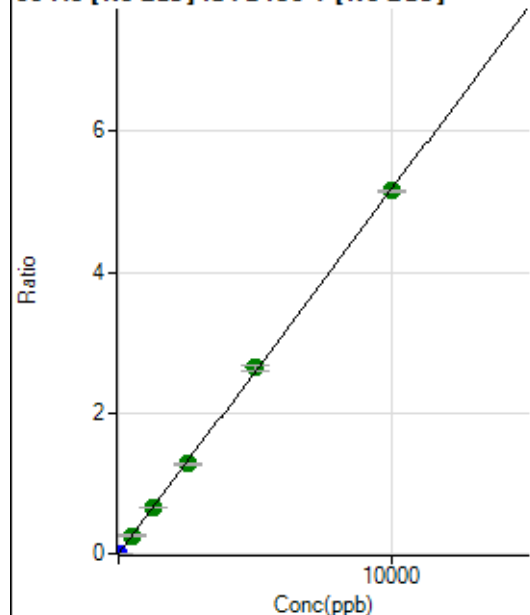
$$DL = 0.002336$$

$$BEC = 0.02372$$

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	260.00	0.0000	P	8.3
2	☐	5.000	5.372	38840.33	0.0028	P	2.3
3	☐	500.000	499.862	3613911.37	0.2588	A	1.3
4	☐	1250.000	1264.473	9104699.17	0.6547	A	0.6
5	☐	2500.000	2468.137	16920377.80	1.2779	A	3.0
6	☐	5000.000	5094.899	31786878.14	2.6380	A	3.5
7	☐	10000.000	9958.714	63311186.84	5.1562	A	0.4
8	☐			28398.00	0.0023	P	11.6

$$y = 5.1776E-004 * x + 1.8709E-005$$

$$R = 0.9999$$

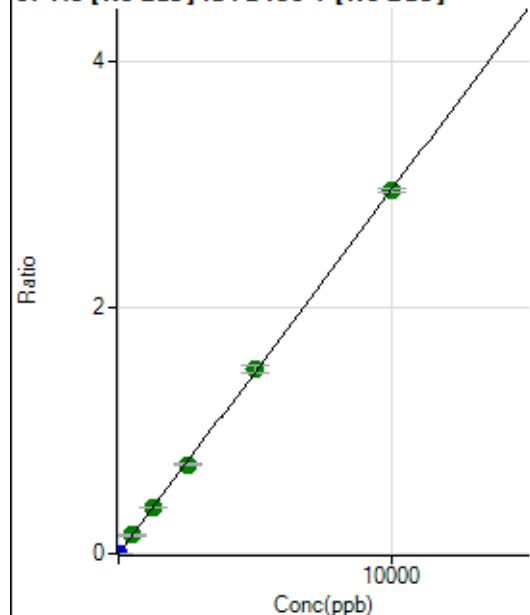
$$DL = 0.008997$$

$$BEC = 0.03613$$

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	97.78	0.0000	P	10.8
2	☐	5.000	5.277	21708.40	0.0016	P	0.6
3	☐	500.000	502.604	2071773.96	0.1484	A	1.0
4	☐	1250.000	1254.935	5151704.85	0.3705	A	1.3
5	☐	2500.000	2448.491	9569060.14	0.7228	A	3.3
6	☐	5000.000	5073.847	18047362.51	1.4978	A	3.8
7	☐	10000.000	9975.206	36156090.01	2.9447	A	1.1
8	☐			9999.13	0.0008	P	16.0

$$y = 2.9520E-004 * x + 7.0385E-006$$

$$R = 0.9999$$

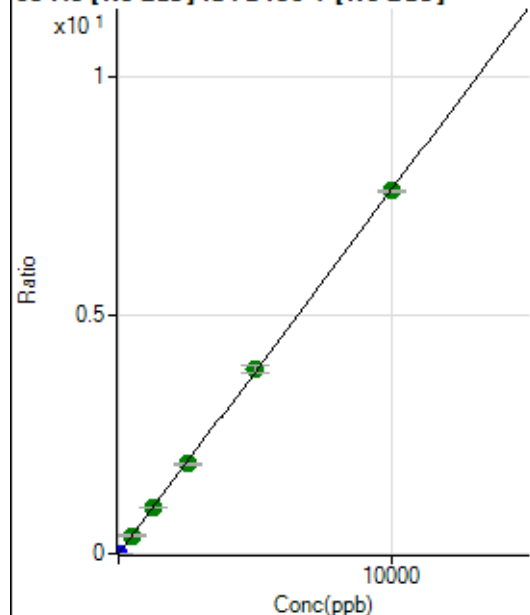
$$DL = 0.007726$$

$$BEC = 0.02384$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.23	0.0000	P	9.5
2	☐	5.000	5.203	55359.96	0.0040	P	1.0
3	☐	500.000	498.475	5314070.79	0.3806	A	1.8
4	☐	1250.000	1255.829	13333659.94	0.9588	A	0.7
5	☐	2500.000	2460.325	24869089.91	1.8785	A	3.2
6	☐	5000.000	5073.166	46673103.75	3.8733	A	3.5
7	☐	10000.000	9972.683	93488689.72	7.6141	A	0.8
8	☐			25282.50	0.0021	P	17.2

$$y = 7.6349\text{E-}004 * x + 1.8157\text{E-}005$$

$$R = 1.0000$$

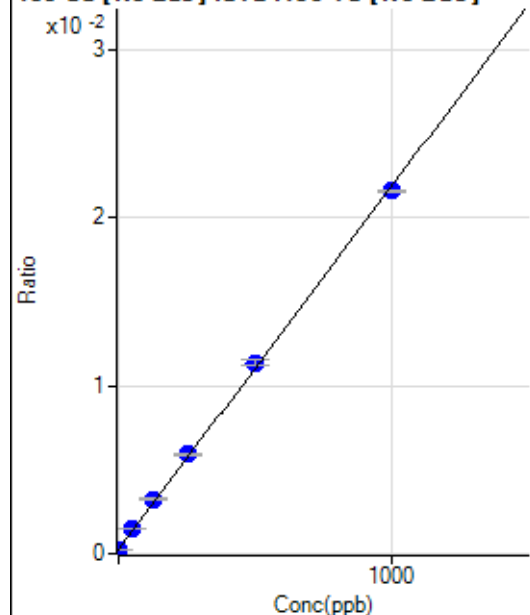
$$DL = 0.00681$$

$$BEC = 0.02378$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3512.68	0.0002	P	1.4
2	☐	1.000	1.081	3820.55	0.0003	P	5.5
3	☐	50.000	56.224	21159.92	0.0015	P	2.4
4	☐	125.000	139.462	47228.73	0.0033	P	0.6
5	☐	250.000	261.807	84091.52	0.0059	P	2.3
6	☐	500.000	514.259	153930.91	0.0114	P	3.1
7	☐	1000.000	987.800	298585.78	0.0216	P	0.8
8	☐			3122.59	0.0002	P	3.6

$$y = 2.1618\text{E-}005 * x + 2.4610\text{E-}004$$

$$R = 0.9997$$

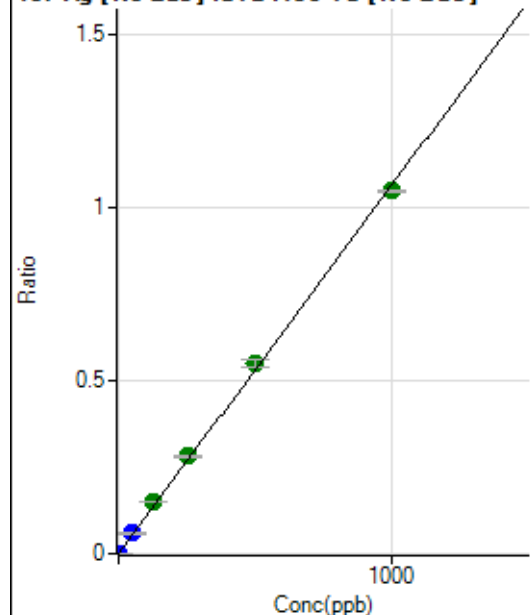
$$DL = 0.4883$$

$$BEC = 11.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.22	0.0000	P	25.9
2	☐	1.000	1.141	17289.25	0.0012	P	1.1
3	☐	50.000	54.979	846906.39	0.0585	P	1.0
4	☐	125.000	139.692	2152307.23	0.1486	A	0.7
5	☐	250.000	265.355	4019862.02	0.2823	A	1.9
6	☐	500.000	517.280	7453121.21	0.5503	A	4.0
7	☐	1000.000	985.436	14491065.76	1.0483	A	0.4
8	☐			3931.70	0.0003	P	17.3

$$y = 0.0011 * x + 5.7617E-006$$

$$R = 0.9996$$

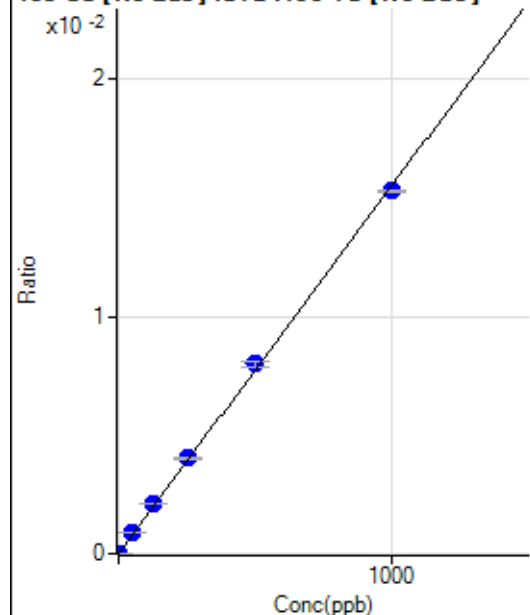
$$DL = 0.004201$$

$$BEC = 0.005416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	32.9
2	☐	1.000	1.073	245.56	0.0000	P	23.3
3	☐	50.000	55.646	12489.89	0.0009	P	1.8
4	☐	125.000	138.112	30995.32	0.0021	P	0.2
5	☐	250.000	260.915	57561.37	0.0040	P	1.9
6	☐	500.000	516.741	108447.81	0.0080	P	2.9
7	☐	1000.000	986.980	211351.12	0.0153	P	0.6
8	☐			117.78	0.0000	P	28.8

$$y = 1.5490E-005 * x + 7.0001E-007$$

$$R = 0.9997$$

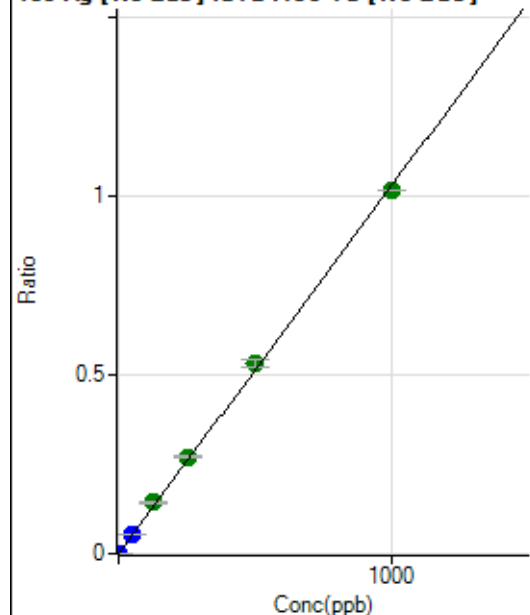
$$DL = 0.04463$$

$$BEC = 0.04519$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0000	P	25.2
2	☐	1.000	1.146	16756.42	0.0012	P	3.1
3	☐	50.000	53.922	802658.53	0.0554	P	1.2
4	☐	125.000	139.727	2080399.24	0.1436	A	2.1
5	☐	250.000	263.396	3856258.48	0.2708	A	1.3
6	☐	500.000	516.525	7192360.45	0.5310	A	3.6
7	☐	1000.000	986.352	14016827.01	1.0140	A	0.1
8	☐			3720.54	0.0003	P	16.0

$$y = 0.0010 * x + 3.7384E-006$$

$$R = 0.9996$$

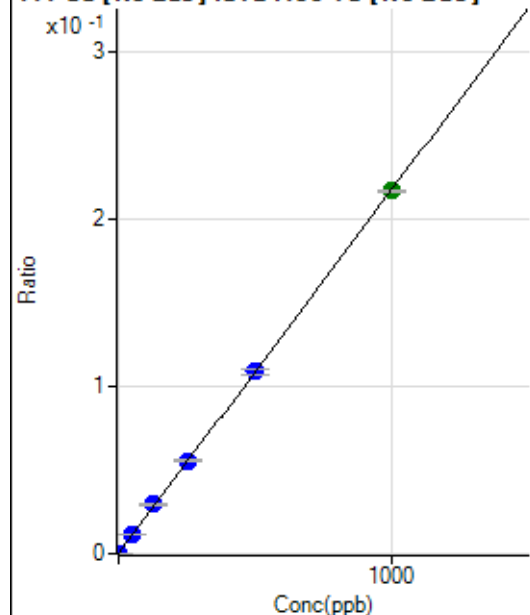
$$DL = 0.002752$$

$$BEC = 0.003636$$

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	2467.43	0.0002	P	1.3
2	☐	1.000	1.196	6127.43	0.0004	P	2.0
3	☐	50.000	53.837	171565.86	0.0118	P	1.3
4	☐	125.000	134.238	424185.30	0.0293	P	0.8
5	☐	250.000	253.431	785150.91	0.0551	P	2.2
6	☐	500.000	500.511	1472970.22	0.1087	P	2.9
7	☐	1000.000	997.540	2993167.45	0.2165	A	0.5
8	☐			2957.84	0.0002	P	1.0

$$y = 2.1689E-004 * x + 1.7287E-004$$

$$R = 1.0000$$

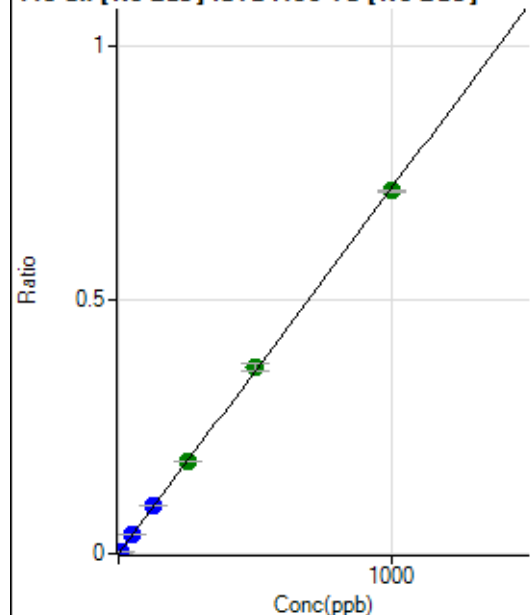
$$DL = 0.03124$$

$$BEC = 0.797$$

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	1402.30	0.0001	P	5.3
2	☐	5.000	5.632	58819.27	0.0041	P	0.8
3	☐	50.000	51.664	539364.34	0.0373	P	1.2
4	☐	125.000	129.293	1348071.49	0.0931	P	0.3
5	☐	250.000	252.608	2588634.92	0.1818	A	1.4
6	☐	500.000	511.538	4983926.87	0.3680	A	3.7
7	☐	1000.000	992.956	9872287.08	0.7142	A	0.5
8	☐			5017.59	0.0004	P	8.5

$$y = 7.1915\text{E-}004 * x + 9.8256\text{E-}005$$

$$R = 0.9999$$

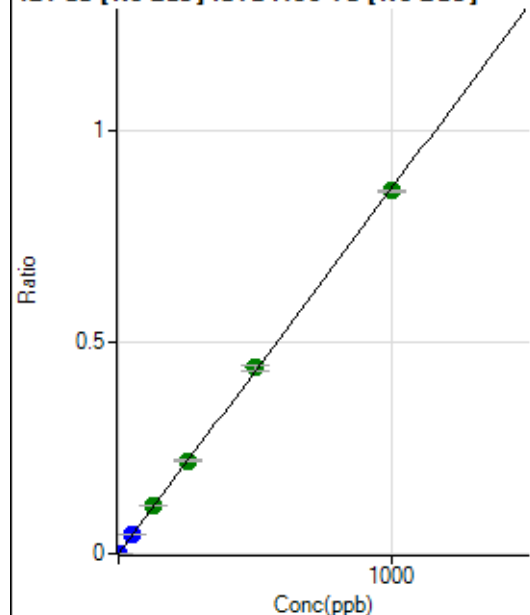
$$DL = 0.02175$$

$$BEC = 0.1366$$

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	23.33	0.0000	P	0.4
2	☐	2.000	2.227	27293.72	0.0019	P	2.0
3	☐	50.000	51.220	640689.40	0.0443	P	1.0
4	☐	125.000	132.452	1657237.93	0.1144	A	0.1
5	☐	250.000	254.397	3129205.16	0.2198	A	2.5
6	☐	500.000	508.852	5955041.02	0.4396	A	3.0
7	☐	1000.000	993.482	11864001.49	0.8583	A	0.7
8	☐			7154.07	0.0005	P	6.3

$$y = 8.6389\text{E-}004 * x + 1.6345\text{E-}006$$

$$R = 0.9999$$

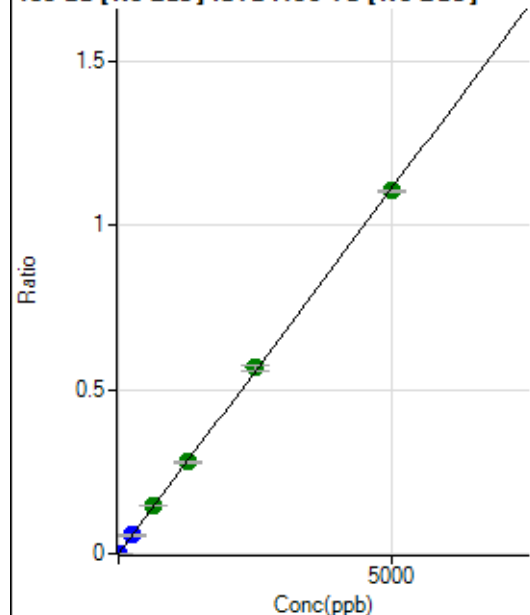
$$DL = 2.281\text{E-}05$$

$$BEC = 0.001892$$

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	64.44	0.0000	P	29.3
2	☐	10.000	10.730	33896.95	0.0024	P	0.5
3	☐	250.000	251.001	808302.17	0.0558	P	0.8
4	☐	625.000	661.236	2129891.44	0.1471	A	0.9
5	☐	1250.000	1258.861	3986598.76	0.2800	A	2.1
6	☐	2500.000	2545.594	7668355.93	0.5661	A	3.5
7	☐	5000.000	4970.407	15279932.14	1.1054	A	0.5
8	☐			8074.60	0.0006	P	8.3

$$y = 2.2239E-004 * x + 4.5132E-006$$

$$R = 0.9999$$

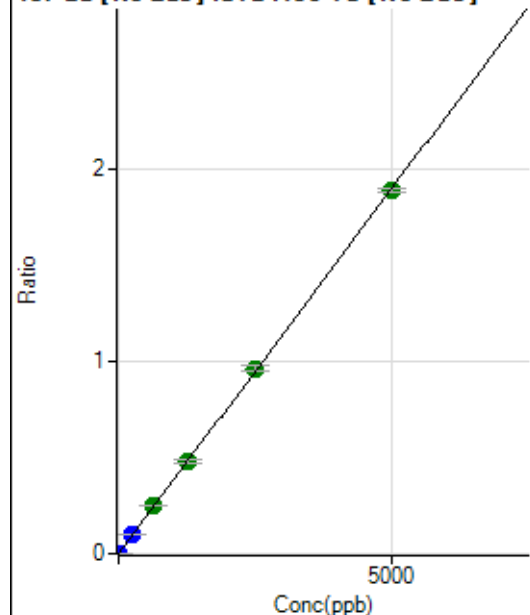
$$DL = 0.01783$$

$$BEC = 0.02029$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	115.56	0.0000	P	13.2
2	☐	10.000	10.887	58613.37	0.0041	P	0.6
3	☐	250.000	253.880	1393337.79	0.0962	P	0.9
4	☐	625.000	667.783	3665758.14	0.2531	A	0.7
5	☐	1250.000	1261.689	6808608.51	0.4782	A	2.7
6	☐	2500.000	2536.028	13020290.08	0.9612	A	3.3
7	☐	5000.000	4973.520	26056757.11	1.8850	A	1.1
8	☐			13873.55	0.0010	P	6.4

$$y = 3.7901E-004 * x + 8.0932E-006$$

$$R = 0.9999$$

$$DL = 0.008466$$

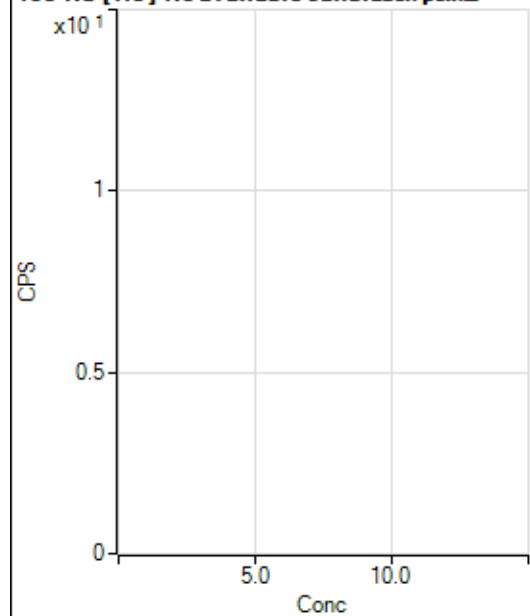
$$BEC = 0.02135$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			10.00		P	0.0
3	☐			51.11		P	7.5
4	☐			101.11		P	21.2
5	☐			193.34		P	9.0
6	☐			330.01		P	11.6
7	☐			677.80		P	4.0
8	☐			245.56		P	14.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	100.
3	☐			17.78		P	75.8
4	☐			24.44		P	34.3
5	☐			40.00		P	16.7
6	☐			83.33		P	17.4
7	☐			118.89		P	8.6
8	☐			155.56		P	14.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	10.8
2	☐			26.67		P	33.1
3	☐			37.78		P	13.5
4	☐			54.45		P	24.7
5	☐			80.00		P	16.7
6	☐			134.45		P	24.8
7	☐			222.23		P	8.3
8	☐			408.90		P	13.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			12.22		P	41.7
3	☐			47.78		P	8.1
4	☐			84.45		P	4.6
5	☐			125.56		P	25.1
6	☐			265.56		P	6.2
7	☐			587.79		P	2.4
8	☐			367.79		P	6.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	28.6
2	☐			67.78		P	2.8
3	☐			54.44		P	9.4
4	☐			78.89		P	20.0
5	☐			84.44		P	16.4
6	☐			105.56		P	23.7
7	☐			188.89		P	11.7
8	☐			465.57		P	10.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			383.34		P	19.9
2	☐			377.79		P	13.4
3	☐			421.12		P	5.9
4	☐			408.90		P	16.8
5	☐			378.90		P	7.1
6	☐			402.23		P	5.0
7	☐			485.57		P	11.5
8	☐			711.14		P	9.8

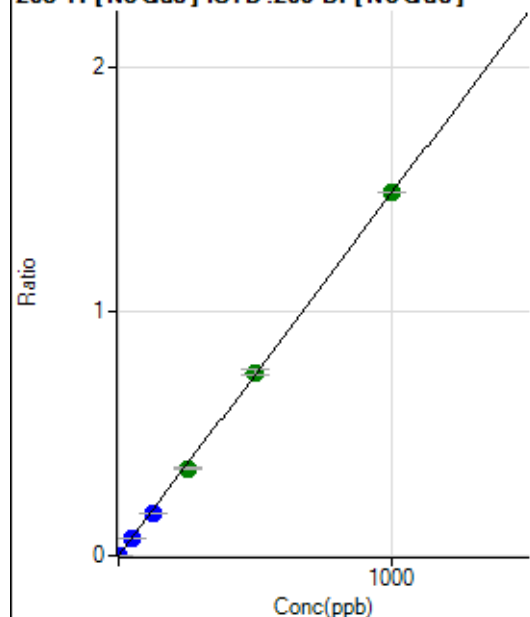
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	14.5
2	☐			50.00		P	24.0
3	☐			48.89		P	10.4
4	☐			71.11		P	11.8
5	☐			73.33		P	9.1
6	☐			111.11		P	20.0
7	☐			183.34		P	7.9
8	☐			500.02		P	10.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	5.4
2	☐			46.67		P	7.1
3	☐			25.56		P	37.7
4	☐			42.22		P	40.5
5	☐			61.11		P	43.8
6	☐			97.78		P	20.8
7	☐			140.00		P	18.0
8	☐			336.67		P	6.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	276.67	0.0000	P	16.0
2	☐	1.000	0.969	11700.68	0.0015	P	2.1
3	☐	50.000	45.748	547882.63	0.0679	P	1.2
4	☐	125.000	114.755	1378979.17	0.1703	P	0.8
5	☐	250.000	240.659	2896712.53	0.3571	A	1.6
6	☐	500.000	505.822	5827649.71	0.7506	A	3.1
7	☐	1000.000	1000.917	11591823.99	1.4852	A	0.1
8	☐			2544.72	0.0004	P	16.3

$$y = 0.0015 * x + 3.5033E-005$$

$$R = 0.9999$$

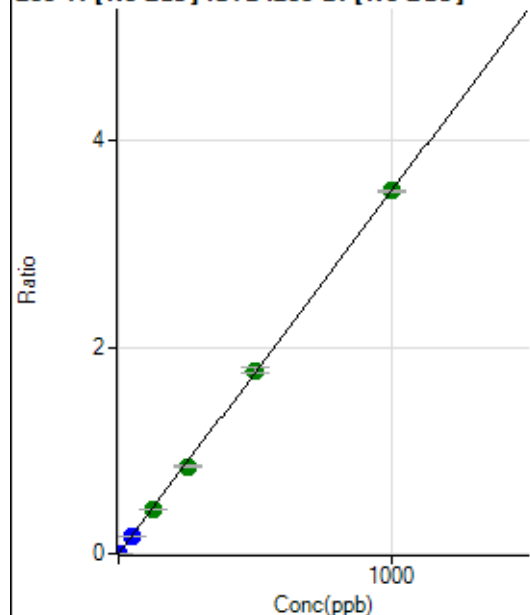
$$DL = 0.01135$$

$$BEC = 0.02361$$

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	646.69	0.0001	P	3.4
2	☐	1.000	0.957	27347.53	0.0034	P	2.8
3	☐	50.000	45.329	1285368.32	0.1593	P	1.3
4	☐	125.000	123.654	3518330.50	0.4345	A	0.2
5	☐	250.000	240.778	6862042.95	0.8460	A	1.9
6	☐	500.000	504.857	13771933.13	1.7738	A	3.2
7	☐	1000.000	1000.279	27429529.03	3.5143	A	0.3
8	☐			5962.51	0.0009	P	15.8

$$y = 0.0035 * x + 8.1913E-005$$

$$R = 0.9999$$

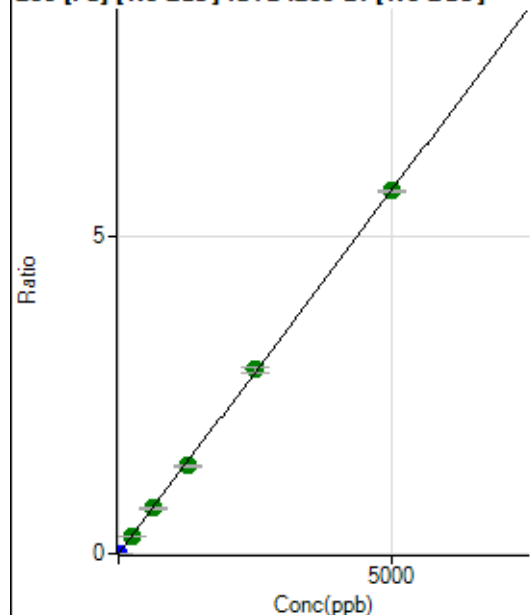
$$DL = 0.00238$$

$$BEC = 0.02332$$

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	357.79	0.0000	P	6.5
2	☐	1.000	0.989	9362.20	0.0012	P	3.0
3	☐	250.000	244.918	2264672.69	0.2807	A	0.5
4	☐	625.000	624.411	5794023.66	0.7156	A	1.3
5	☐	1250.000	1211.313	11258592.96	1.3881	A	2.6
6	☐	2500.000	2529.494	22503956.19	2.8987	A	3.5
7	☐	5000.000	4995.253	44678270.17	5.7243	A	0.3
8	☐			13580.35	0.0019	P	11.4

$$y = 0.0011 * x + 4.5332E-005$$

$$R = 0.9999$$

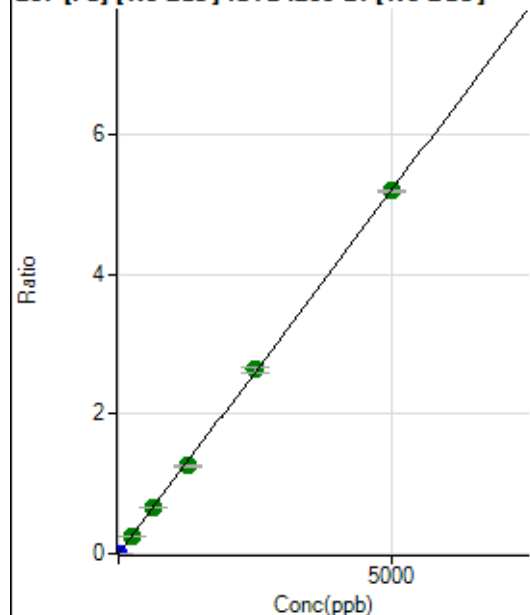
$$DL = 0.007655$$

$$BEC = 0.03956$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.67	0.0000	P	13.7
2	☐	1.000	0.976	8339.28	0.0011	P	1.5
3	☐	250.000	246.495	2071847.33	0.2568	A	0.7
4	☐	625.000	628.658	5303135.75	0.6549	A	0.5
5	☐	1250.000	1212.916	10248580.06	1.2636	A	2.5
6	☐	2500.000	2533.868	20494306.22	2.6397	A	3.3
7	☐	5000.000	4992.055	40589001.34	5.2005	A	0.8
8	☐			12432.51	0.0018	P	8.9

$$y = 0.0010 * x + 3.3778E-005$$

$$R = 0.9999$$

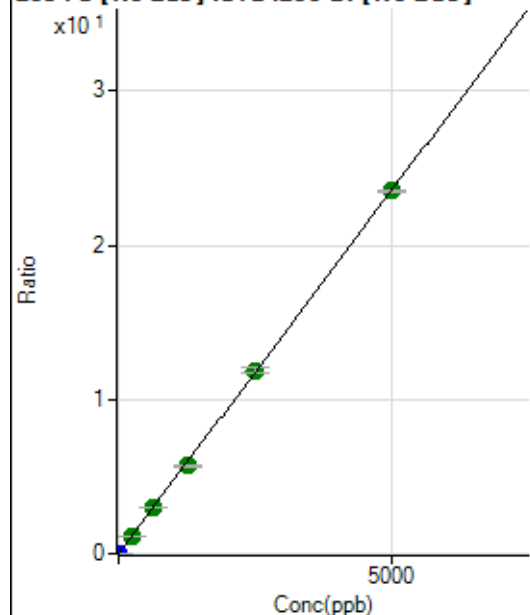
$$DL = 0.01337$$

$$BEC = 0.03242$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1303.37	0.0002	P	4.3
2	☐	1.000	0.975	37736.36	0.0048	P	1.7
3	☐	250.000	246.382	9356550.50	1.1598	A	0.3
4	☐	625.000	624.374	23795958.40	2.9388	A	0.5
5	☐	1250.000	1215.182	46389028.20	5.7195	A	2.4
6	☐	2500.000	2527.501	92364922.79	11.8960	A	3.0
7	☐	5000.000	4995.213	183495095.60	23.5105	A	0.7
8	☐			55506.56	0.0080	P	10.7

$$y = 0.0047 * x + 1.6509E-004$$

$$R = 1.0000$$

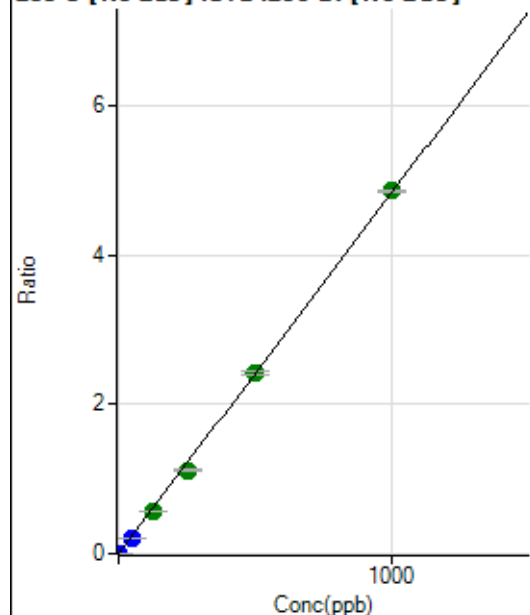
$$DL = 0.004501$$

$$BEC = 0.03508$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	56.8
2	☐	1.000	0.895	34396.50	0.0043	P	1.8
3	☐	50.000	43.119	1683865.39	0.2087	P	1.5
4	☐	125.000	118.885	4659868.61	0.5755	A	1.1
5	☐	250.000	231.269	9080149.45	1.1195	A	2.6
6	☐	500.000	501.152	18838300.69	2.4260	A	2.5
7	☐	1000.000	1005.215	37979421.65	4.8661	A	0.7
8	☐			7383.32	0.0011	P	22.0

$$y = 0.0048 * x + 1.1228E-006$$

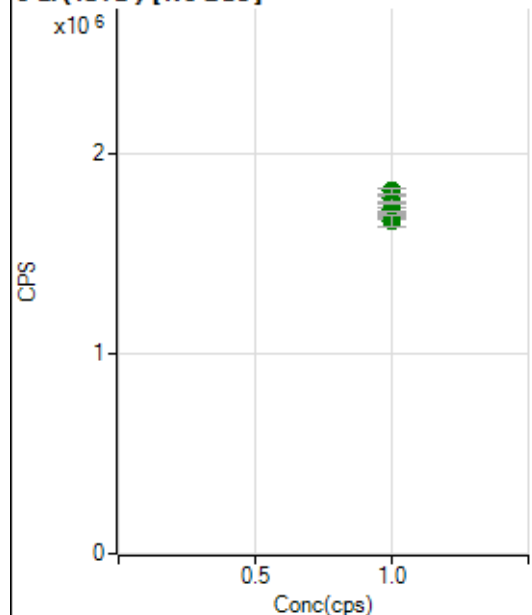
$$R = 0.9998$$

$$DL = 0.0003955$$

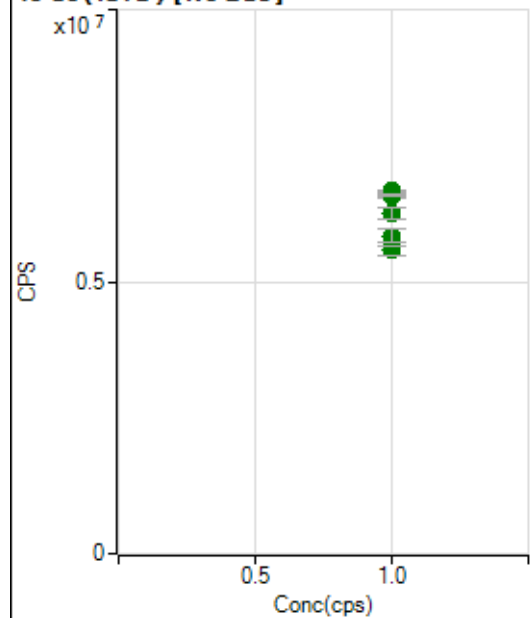
$$BEC = 0.0002319$$

Weight: <None>

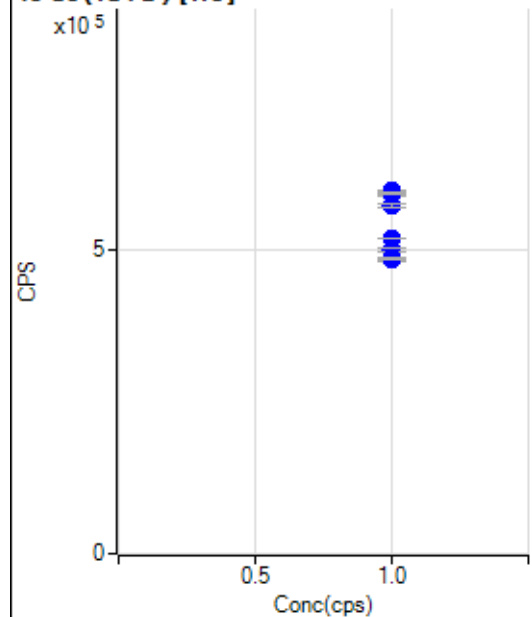
Min Conc: 0

6 Li (ISTD) [No Gas]

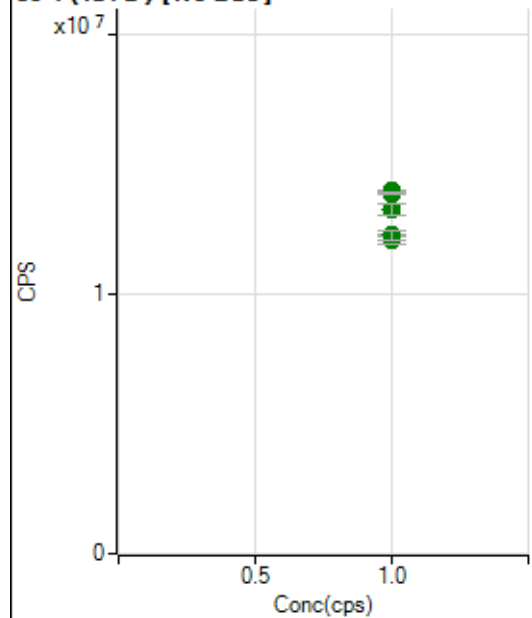
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1694229.80		A	1.9
2	☐	1.000		1718946.97		A	1.7
3	☐	1.000		1747056.95		A	1.5
4	☐	1.000		1777074.02		A	1.5
5	☐	1.000		1815047.99		A	1.6
6	☐	1.000		1716786.35		A	4.3
7	☐	1.000		1706915.16		A	0.9
8	☐	1.000		1664780.58		A	3.6

45 Sc (ISTD) [No Gas]

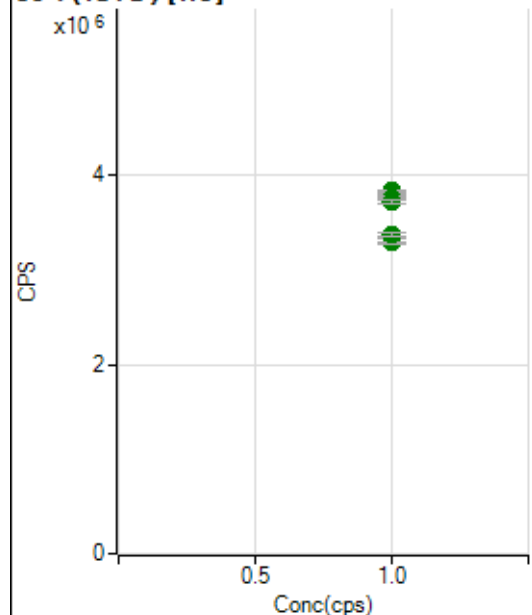
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6642528.37		A	0.3
2	☐	1.000		6587929.83		A	1.3
3	☐	1.000		6670014.55		A	0.5
4	☐	1.000		6598898.16		A	0.8
5	☐	1.000		6266154.56		A	3.4
6	☐	1.000		5575614.64		A	2.8
7	☐	1.000		5652817.76		A	0.2
8	☐	1.000		5842567.34		A	4.2

45 Sc (ISTD) [He]

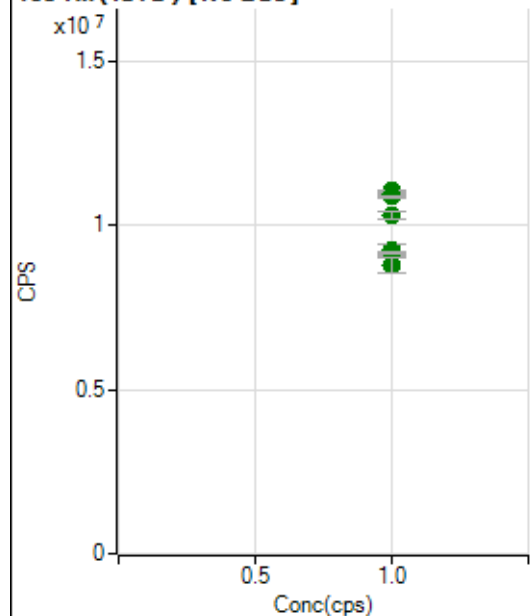
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		592280.24		P	0.5
2	☐	1.000		598379.63		P	0.3
3	☐	1.000		594868.37		P	0.4
4	☐	1.000		575232.58		P	1.2
5	☐	1.000		501625.21		P	1.1
6	☐	1.000		483980.04		P	0.3
7	☐	1.000		487450.14		P	0.3
8	☐	1.000		519115.01		P	0.1

89 Y (ISTD) [No Gas]

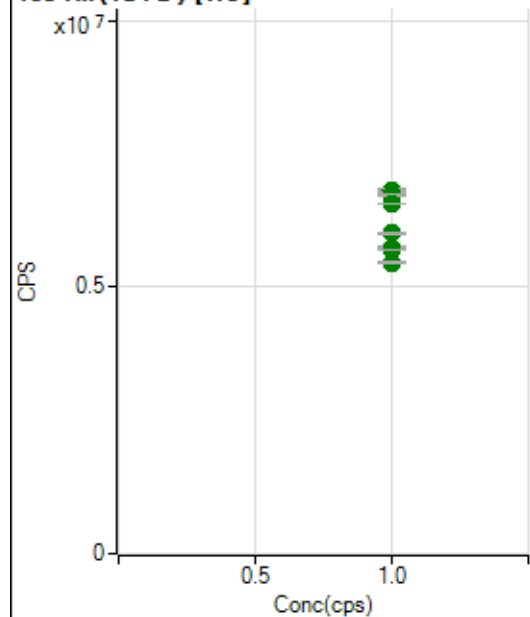
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13890455.77		A	1.0
2	☐	1.000		13872947.43		A	0.9
3	☐	1.000		13963417.99		A	0.6
4	☐	1.000		13906513.26		A	0.6
5	☐	1.000		13247836.33		A	3.2
6	☐	1.000		12057812.18		A	2.9
7	☐	1.000		12278465.09		A	0.3
8	☐	1.000		12271259.54		A	3.1

89 Y (ISTD) [He]

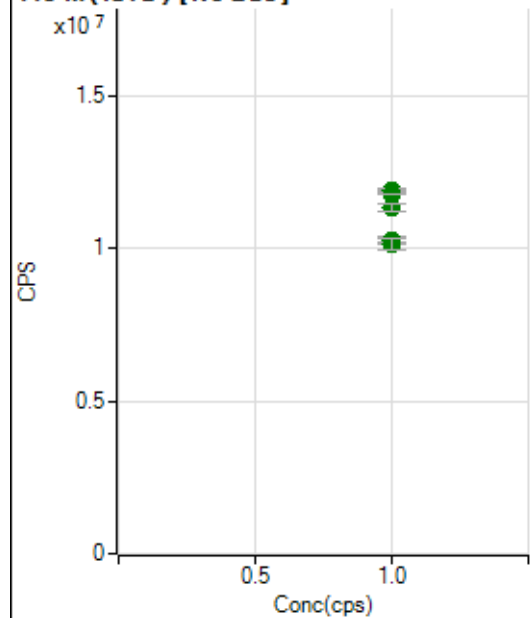
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3828367.06		A	1.0
2	☐	1.000		3838246.02		A	0.2
3	☐	1.000		3772364.25		A	0.8
4	☐	1.000		3720958.63		A	1.2
5	☐	1.000		3348664.39		A	1.0
6	☐	1.000		3293916.82		A	0.2
7	☐	1.000		3293014.85		A	0.5
8	☐	1.000		3371383.98		A	1.0

103 Rh (ISTD) [No Gas]

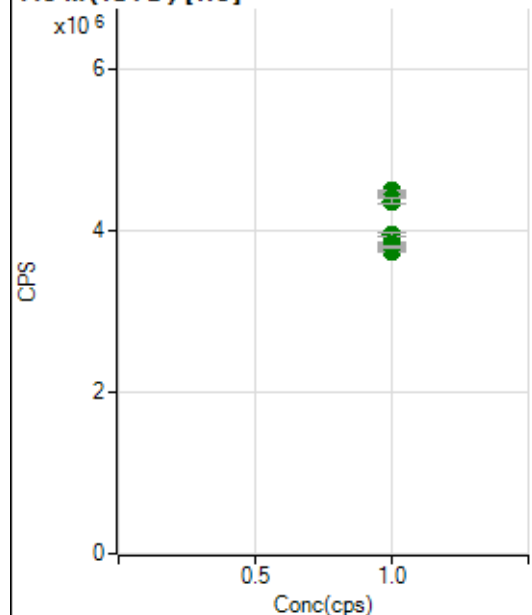
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10991170.25		A	0.2
2	☐	1.000		10982415.39		A	1.1
3	☐	1.000		11056227.20		A	0.7
4	☐	1.000		10885566.92		A	0.5
5	☐	1.000		10319097.42		A	2.7
6	☐	1.000		9254455.21		A	3.3
7	☐	1.000		9172414.72		A	0.5
8	☐	1.000		8791840.28		A	4.8

103 Rh (ISTD) [He]

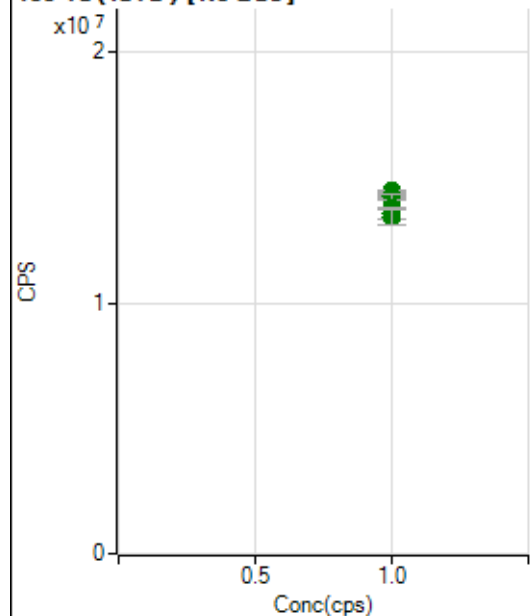
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6793131.43		A	0.3
2	☐	1.000		6801067.75		A	0.9
3	☐	1.000		6731431.43		A	0.8
4	☐	1.000		6558537.40		A	0.5
5	☐	1.000		6009121.44		A	0.6
6	☐	1.000		5746823.73		A	1.0
7	☐	1.000		5691404.84		A	0.3
8	☐	1.000		5455781.38		A	0.4

115 In (ISTD) [No Gas]

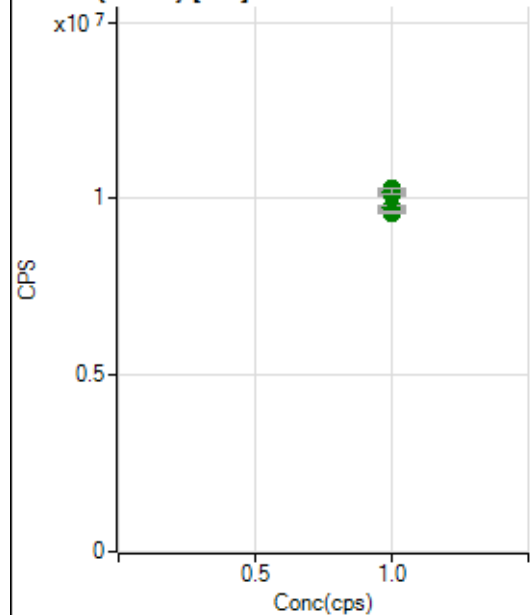
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11874820.08		A	1.1
2	☐	1.000		11824149.34		A	0.8
3	☐	1.000		11873820.93		A	1.0
4	☐	1.000		11786364.14		A	0.2
5	☐	1.000		11342123.49		A	2.5
6	☐	1.000		10259192.49		A	3.0
7	☐	1.000		10244099.36		A	1.1
8	☐	1.000		10136351.45		A	3.7

115 In (ISTD) [He]

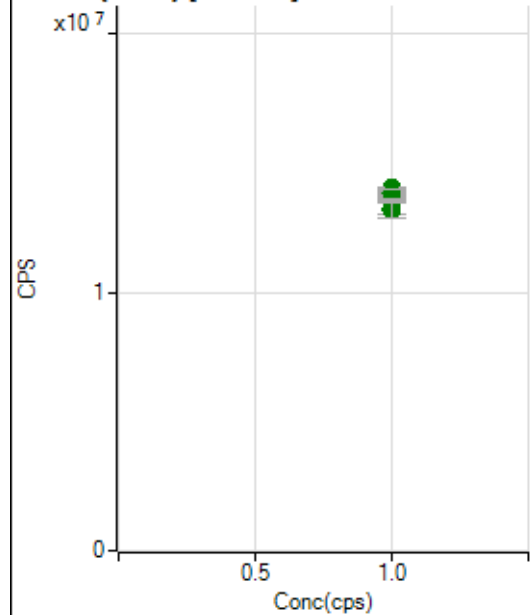
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4474689.53		A	1.1
2	☐	1.000		4491569.47		A	0.7
3	☐	1.000		4413885.91		A	0.7
4	☐	1.000		4359012.06		A	1.6
5	☐	1.000		3951140.16		A	0.9
6	☐	1.000		3839043.01		A	0.6
7	☐	1.000		3743256.40		A	0.7
8	☐	1.000		3801104.30		A	0.6

159 Tb (ISTD) [No Gas]

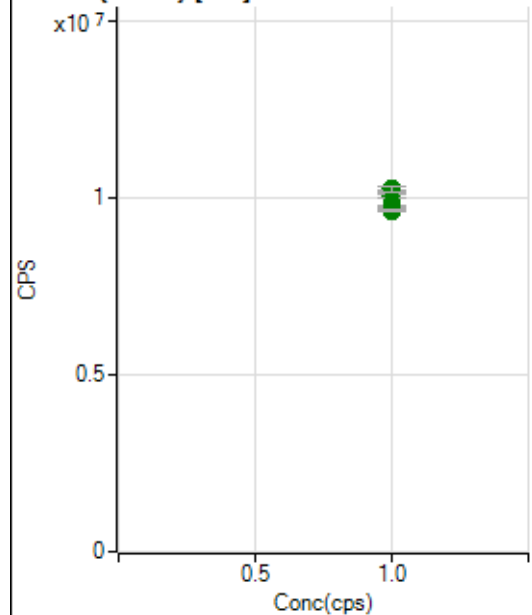
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14273211.04		A	0.4
2	☐	1.000		14177542.29		A	0.2
3	☐	1.000		14479295.06		A	0.7
4	☐	1.000		14483112.98		A	0.3
5	☐	1.000		14242980.06		A	2.0
6	☐	1.000		13555779.52		A	3.4
7	☐	1.000		13823226.60		A	0.3
8	☐	1.000		13433491.33		A	4.1

159 Tb (ISTD) [He]

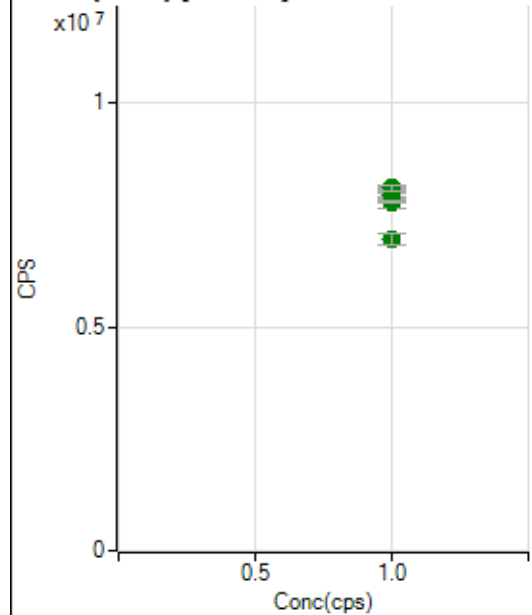
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10110838.67		A	0.9
2	☐	1.000		10273290.89		A	0.3
3	☐	1.000		10233664.99		A	0.5
4	☐	1.000		10206288.39		A	1.3
5	☐	1.000		9748617.77		A	1.2
6	☐	1.000		9725609.58		A	0.2
7	☐	1.000		9735786.66		A	0.9
8	☐	1.000		9603271.24		A	0.3

165 Ho (ISTD) [No Gas]

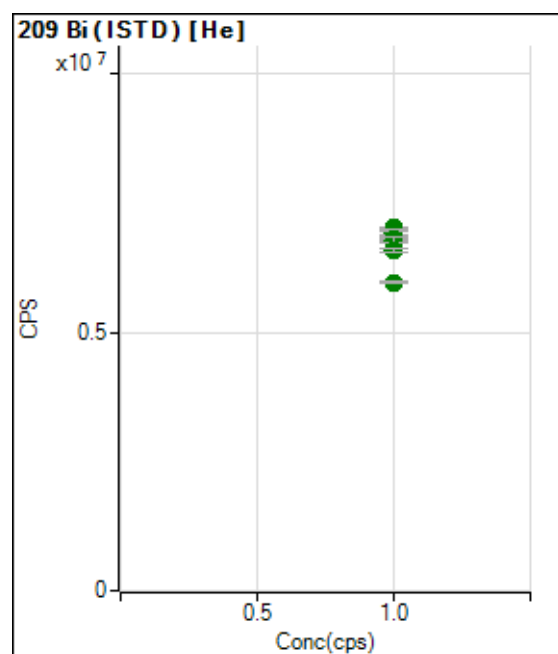
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13835410.49		A	1.3
2	☐	1.000		13767330.07		A	0.5
3	☐	1.000		14030545.62		A	0.3
4	☐	1.000		13976514.79		A	0.7
5	☐	1.000		13855477.44		A	1.9
6	☐	1.000		13241210.64		A	3.2
7	☐	1.000		13574044.10		A	0.2
8	☐	1.000		13166572.58		A	4.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10062582.35		A	1.2
2	☐	1.000		10184896.86		A	0.9
3	☐	1.000		10171756.24		A	1.0
4	☐	1.000		10264872.49		A	1.4
5	☐	1.000		9762886.59		A	0.7
6	☐	1.000		9780862.98		A	0.8
7	☐	1.000		9738434.99		A	0.4
8	☐	1.000		9645286.94		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7893526.69		A	0.7
2	☐	1.000		7941956.20		A	1.3
3	☐	1.000		8067521.96		A	0.7
4	☐	1.000		8097234.60		A	0.6
5	☐	1.000		8112489.67		A	1.4
6	☐	1.000		7769202.73		A	3.2
7	☐	1.000		7805061.76		A	0.7
8	☐	1.000		6960975.66		A	4.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6921079.00		A	0.7
2	☐	1.000		6985818.23		A	0.6
3	☐	1.000		7019977.60		A	0.9
4	☐	1.000		6980726.22		A	0.6
5	☐	1.000		6793355.80		A	0.9
6	☐	1.000		6775103.72		A	1.6
7	☐	1.000		6586026.71		A	0.8
8	☐	1.000		5967244.36		A	0.3