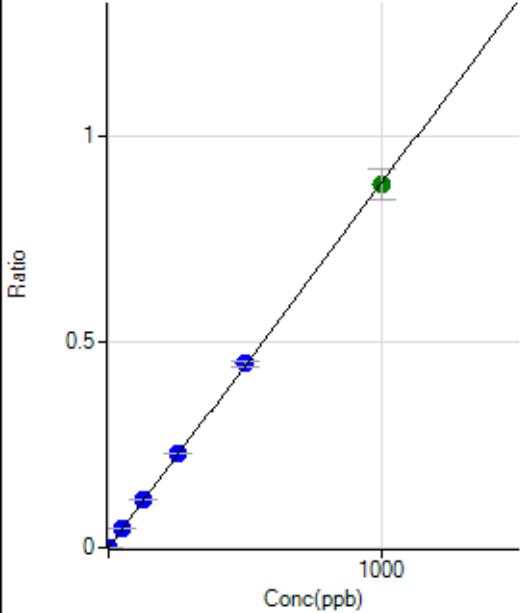


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121324 MS.b\
 Analysis File: P7121324 MS.batch.bin
 DA Date-Time: 2024-12-14 00:41:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-13 13:32:58
2	005CALS.d	S02	2024-12-13 13:36:13
3	006CALS.d	S03	2024-12-13 13:39:30
4	007CALS.d	S04	2024-12-13 13:42:25
5	008CALS.d	S05	2024-12-13 13:45:13
6	009CALS.d	S06	2024-12-13 13:47:56
7	010CALS.d	S07	2024-12-13 13:50:42
8	011CALS.d	S08	2024-12-13 13:53:26

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.56	0.0000	P	32.0
2	☐	1.000	1.161	2023.48	0.0010	P	4.8
3	☐	50.000	53.576	96237.43	0.0475	P	1.2
4	☐	125.000	133.214	231040.11	0.1180	P	1.0
5	☐	250.000	257.159	443115.05	0.2277	P	0.7
6	☐	500.000	504.175	854411.05	0.4465	P	2.6
7	☐	1000.000	994.917	1672073.03	0.8810	A	8.5
8	☐			547.79	0.0003	P	20.4

$y = 8.8552E-004 * x + 1.8113E-005$

$R = 0.9999$

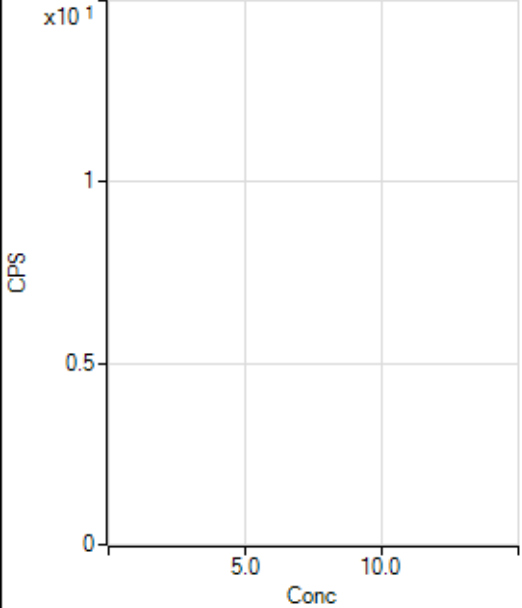
$DL = 0.01965$

$BEC = 0.02045$

Weight: <None>

Min Conc: 0

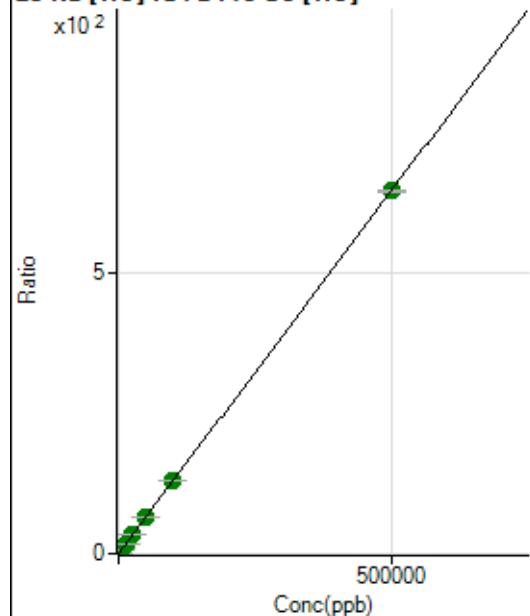
12 C [No Gas] No available calibration points



	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	38217.29	0.0509	P	2.2
2	☐	500.000	519.314	538066.69	0.7213	P	0.3
3	☐	5000.000	5145.767	5008822.74	6.6938	A	0.5
4	☐	12500.000	12847.118	11826373.85	16.6356	A	0.3
5	☐	25000.000	25555.017	22724950.50	33.0406	A	1.0
6	☐	50000.000	51307.884	43492873.80	66.2858	A	0.2
7	☐	100000.00	100680.85	84375634.85	130.0228	A	0.2
8	☐	500000.00	499695.13	420433055.96	645.1218	A	0.4

$$y = 0.0013 * x + 0.0509$$

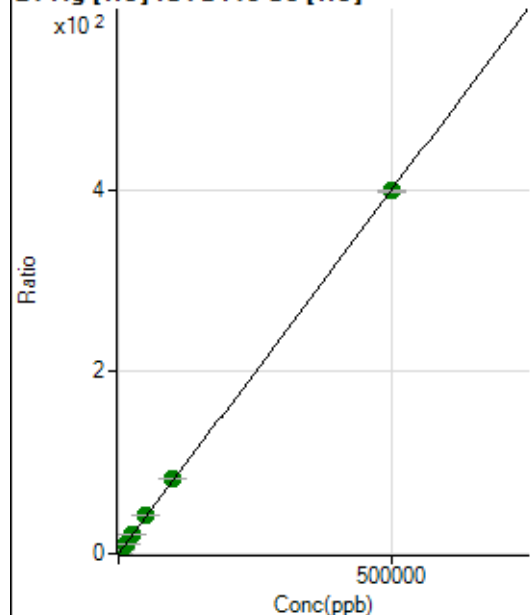
$$R = 1.0000$$

$$DL = 2.565$$

$$BEC = 39.45$$

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	864.48	0.0012	P	3.6
2	☐	500.000	552.624	330080.84	0.4425	P	0.3
3	☐	5000.000	5328.428	3185296.06	4.2567	A	0.2
4	☐	12500.000	13256.512	7527283.08	10.5884	A	0.9
5	☐	25000.000	26180.843	14382158.12	20.9104	A	0.8
6	☐	50000.000	52376.911	27447040.98	41.8317	A	0.7
7	☐	100000.00	103233.83	53503185.87	82.4484	A	0.1
8	☐	500000.00	499034.25	259738385.02	398.5526	A	0.5

$$y = 7.9865E-004 * x + 0.0012$$

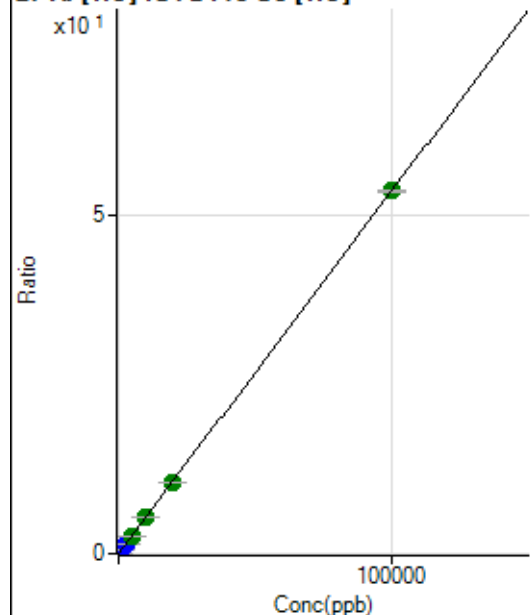
$$R = 1.0000$$

$$DL = 0.1564$$

$$BEC = 1.443$$

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	232.23	0.0003	P	12.5
2	☐	20.000	20.180	8294.53	0.0111	P	2.1
3	☐	1000.000	994.297	398780.12	0.5329	P	0.6
4	☐	2500.000	2469.387	940575.47	1.3231	P	0.3
5	☐	5000.000	4993.888	1840109.52	2.6753	A	1.5
6	☐	10000.000	9935.647	3492363.28	5.3224	A	0.7
7	☐	20000.000	19593.768	6811083.58	10.4959	A	0.9
8	☐	100000.00	100088.81	34942054.20	53.6139	A	0.4

$$y = 5.3566E-004 * x + 3.0955E-004$$

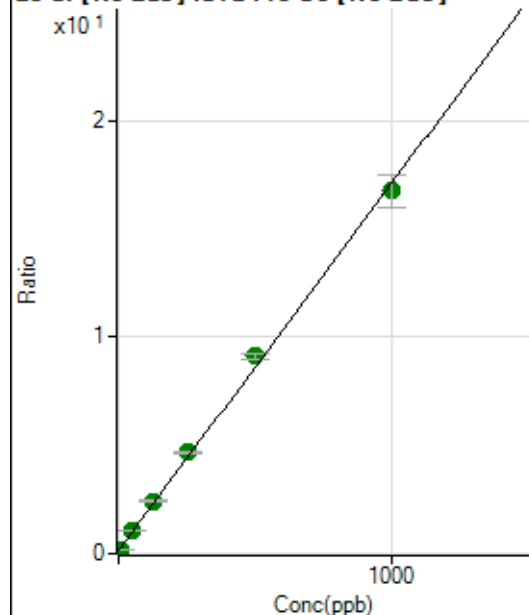
$$R = 1.0000$$

$$DL = 0.2168$$

$$BEC = 0.5779$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1257398.82	0.1438	A	2.6
2	☐	10.000	0.383	1282534.08	0.1503	A	2.1
3	☐	50.000	54.195	9314410.56	1.0634	A	1.8
4	☐	125.000	134.986	20338445.81	2.4342	A	1.1
5	☐	250.000	268.031	37798886.93	4.6916	A	1.5
6	☐	500.000	528.583	71462772.27	9.1124	A	2.2
7	☐	1000.000	979.839	131641974.70	16.7690	A	9.2
8	☐			884659.66	0.1206	P	0.5

$$y = 0.0170 * x + 0.1438$$

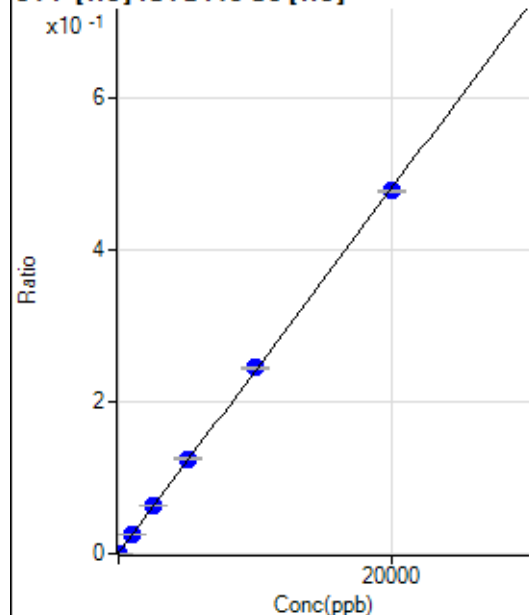
$$R = 0.9990$$

$$DL = 0.6591$$

$$BEC = 8.476$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.733	294.45	0.0004	P	0.3
2	☐	0.000	16.733	892.26	0.0012	P	4.0
3	☐	1000.000	1063.268	19703.86	0.0263	P	1.1
4	☐	2500.000	2576.718	44560.17	0.0627	P	1.6
5	☐	5000.000	5157.046	85737.03	0.1247	P	1.3
6	☐	10000.000	10164.098	160700.99	0.2449	P	0.8
7	☐	20000.000	19865.936	310141.20	0.4779	P	0.5
8	☐			348.89	0.0005	P	4.4

$$y = 2.4018E-005 * x + 7.9427E-004$$

$$R = 0.9999$$

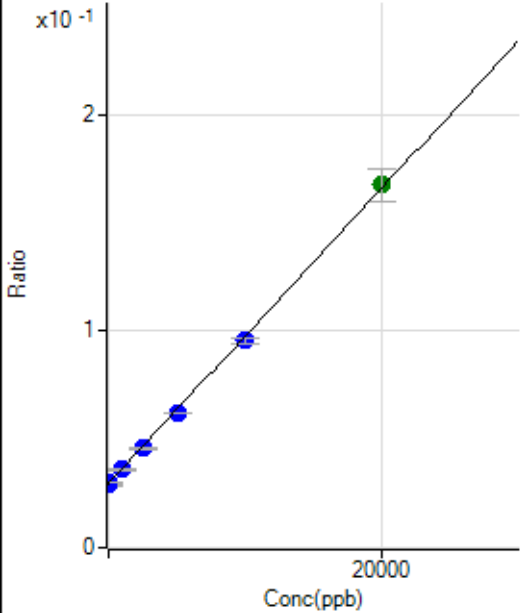
$$DL = 3.083$$

$$BEC = 33.07$$

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	-92.783	254098.38	0.0291	P	3.8
2	☐	0.000	92.783	258879.89	0.0303	P	0.5
3	☐	1000.000	927.893	315599.38	0.0360	P	2.1
4	☐	2500.000	2377.910	383617.13	0.0459	P	1.5
5	☐	5000.000	4792.018	502515.86	0.0624	P	0.6
6	☐	10000.000	9688.073	750835.03	0.0957	P	2.5
7	☐	20000.000	20226.826	1315635.09	0.1676	A	9.2
8	☐			192299.50	0.0262	P	4.5

y = 6.8163E-006 * x + 0.0297

R = 0.9997

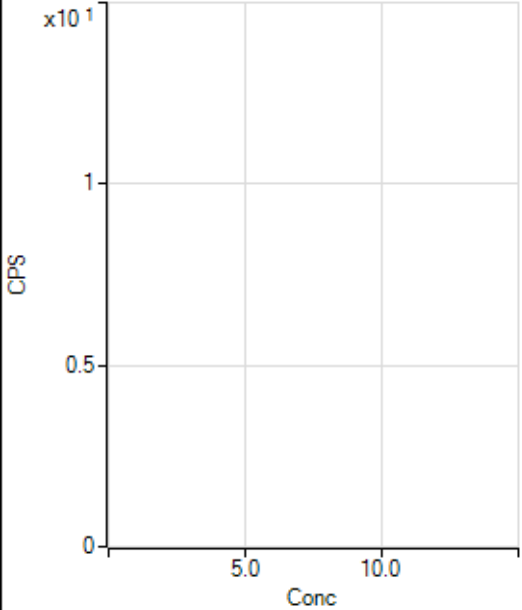
DL = 276.8

BEC = 4358

Weight: <None>

Min Conc: 0

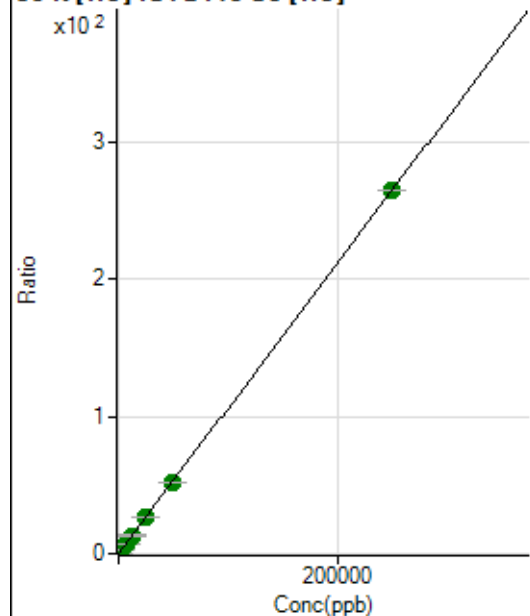
35 Cl [No Gas] No available calibration points



	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	68767.62	0.0916	P	0.6
2	☐	500.000	559.203	508805.31	0.6821	P	0.4
3	☐	2500.000	2526.413	2064735.04	2.7593	A	0.8
4	☐	6250.000	6270.757	4772296.18	6.7129	A	0.1
5	☐	12500.000	12509.009	9147474.72	13.2998	A	0.9
6	☐	25000.000	24830.212	17263373.50	26.3097	A	0.8
7	☐	50000.000	48972.144	33615321.44	51.8011	A	0.2
8	☐	250000.00	250221.19	172250185.21	264.2990	A	0.1

$$y = 0.0011 * x + 0.0916$$

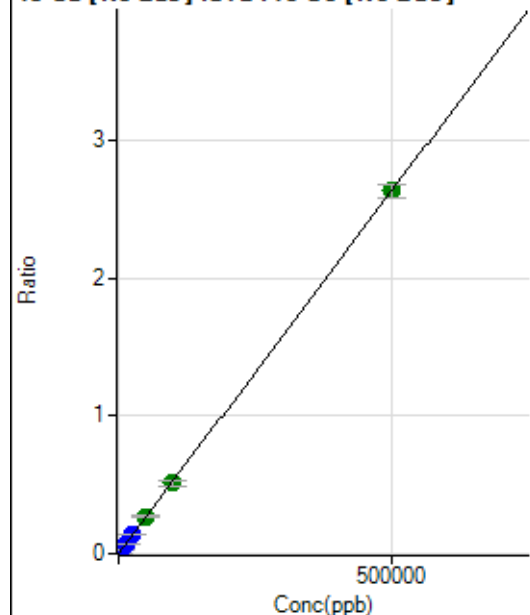
$$R = 1.0000$$

$$DL = 1.487$$

$$BEC = 86.79$$

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	596.69	0.0001	P	5.0
2	☐	500.000	575.321	26397.45	0.0031	P	1.2
3	☐	5000.000	5404.135	249527.25	0.0285	P	1.4
4	☐	12500.000	13393.917	589057.94	0.0705	P	1.4
5	☐	25000.000	26691.284	1131430.61	0.1404	P	0.9
6	☐	50000.000	51017.746	2104402.30	0.2684	A	2.7
7	☐	100000.00	97339.278	4020192.40	0.5120	A	8.7
8	☐	500000.00	500319.34	19284592.07	2.6311	A	3.6

$$y = 5.2588\text{E-}006 * x + 6.8228\text{E-}005$$

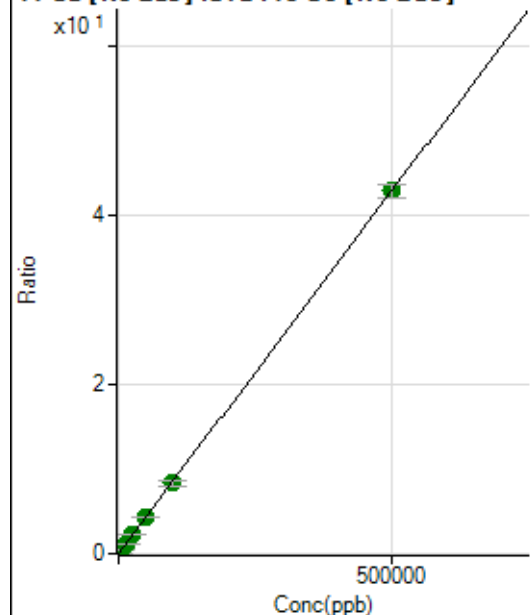
$$R = 1.0000$$

$$DL = 1.932$$

$$BEC = 12.97$$

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	22767.05	0.0026	P	1.4
2	☐	500.000	567.196	436281.45	0.0511	P	0.9
3	☐	5000.000	5181.532	3905901.23	0.4459	A	1.2
4	☐	12500.000	12892.445	9238701.81	1.1056	A	0.4
5	☐	25000.000	25395.585	17526503.77	2.1753	A	0.6
6	☐	50000.000	50891.182	34166648.10	4.3566	A	2.1
7	☐	100000.00	96859.788	65076236.25	8.2894	A	9.1
8	☐	500000.00	500507.45	313858597.55	42.8231	A	3.8

$$y = 8.5554\text{E-}005 * x + 0.0026$$

$$R = 1.0000$$

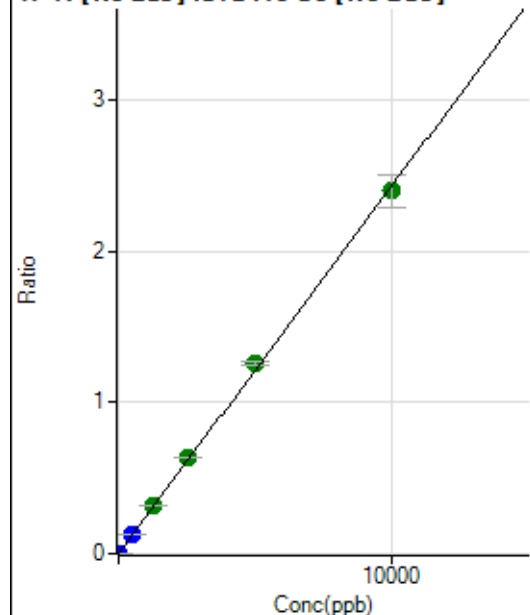
$$DL = 1.246$$

$$BEC = 30.43$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	6.8
2	☐	5.000	5.631	11793.54	0.0014	P	2.4
3	☐	500.000	527.723	1121793.52	0.1281	P	0.8
4	☐	1250.000	1303.553	2642780.66	0.3163	A	1.4
5	☐	2500.000	2617.586	5117269.02	0.6351	A	1.5
6	☐	5000.000	5172.255	9841947.49	1.2550	A	2.4
7	☐	10000.000	9876.395	18816794.44	2.3964	A	8.8
8	☐			4524.06	0.0006	P	15.1

$$y = 2.4264E-004 * x + 1.5889E-005$$

$$R = 0.9997$$

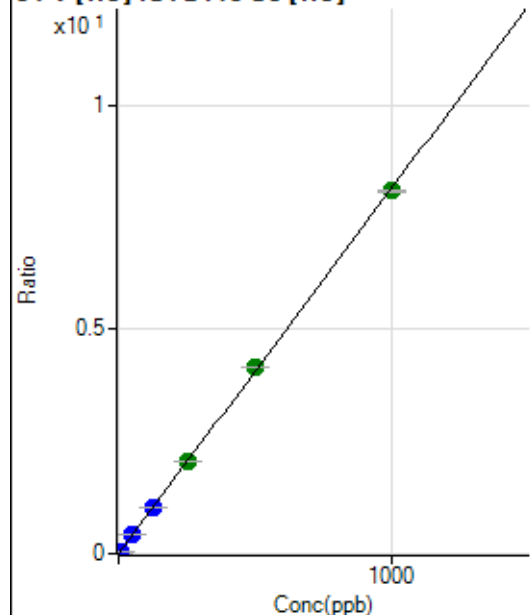
$$DL = 0.01334$$

$$BEC = 0.06548$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	60.2
2	☐	5.000	5.457	33186.46	0.0445	P	1.8
3	☐	50.000	50.941	310635.09	0.4151	P	0.4
4	☐	125.000	125.865	729142.65	1.0256	P	0.3
5	☐	250.000	251.923	1411953.00	2.0528	A	0.1
6	☐	500.000	511.745	2736138.85	4.1700	A	0.2
7	☐	1000.000	993.490	5253474.61	8.0956	A	0.6
8	☐			1268.96	0.0019	P	3.8

$$y = 0.0081 * x + 2.6686E-005$$

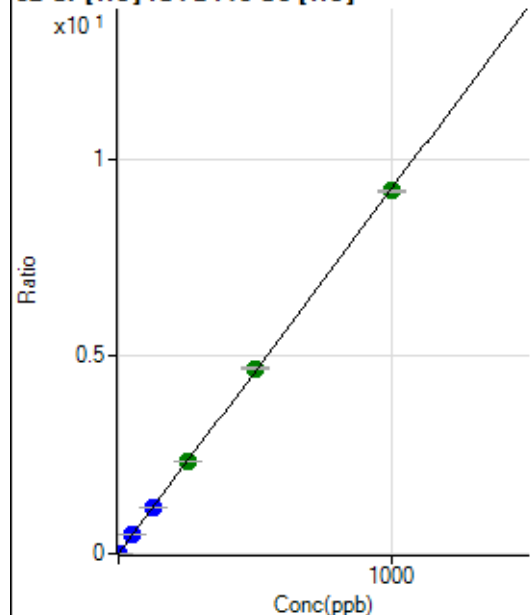
$$R = 0.9999$$

$$DL = 0.005918$$

$$BEC = 0.003275$$

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	2685.83	0.0036	P	4.0
2	☐	2.000	2.169	17624.82	0.0236	P	2.0
3	☐	50.000	51.081	356022.53	0.4758	P	0.6
4	☐	125.000	126.960	836896.60	1.1772	P	0.4
5	☐	250.000	253.734	1615743.64	2.3491	A	0.7
6	☐	500.000	508.292	3085423.11	4.7023	A	0.3
7	☐	1000.000	994.621	5968896.65	9.1981	A	0.2
8	☐			10072.35	0.0155	P	0.5

$$y = 0.0092 * x + 0.0036$$

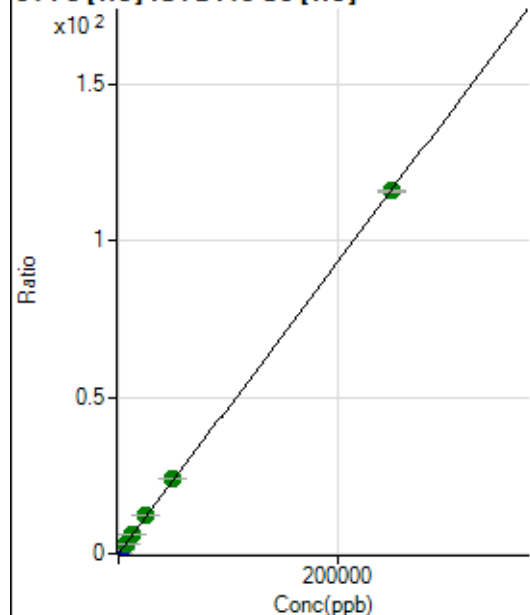
$$R = 0.9999$$

$$DL = 0.04602$$

$$BEC = 0.3872$$

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	3358.18	0.0045	P	2.5
2	☐	50.000	59.719	24057.09	0.0323	P	2.9
3	☐	2500.000	2728.715	952993.03	1.2736	P	0.5
4	☐	6250.000	6554.122	2170281.48	3.0527	A	1.0
5	☐	12500.000	13192.346	4223225.11	6.1401	A	1.5
6	☐	25000.000	26237.007	8009674.74	12.2070	A	0.5
7	☐	50000.000	51576.156	15569054.90	23.9919	A	0.2
8	☐	250000.00	249516.55	75630293.32	116.0515	A	0.7

$$y = 4.6509E-004 * x + 0.0045$$

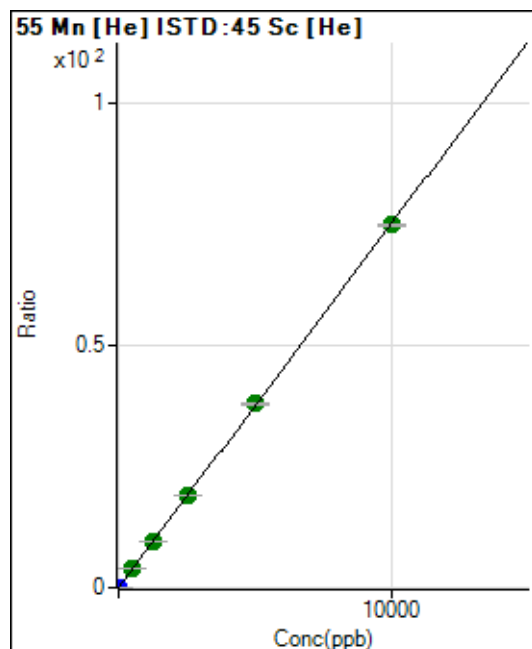
$$R = 1.0000$$

$$DL = 0.7284$$

$$BEC = 9.623$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	564.46	0.0008	P	7.5
2	☐	1.000	1.039	6378.09	0.0086	P	0.5
3	☐	500.000	505.389	2839993.32	3.7953	A	0.5
4	☐	1250.000	1261.575	6734223.17	9.4728	A	0.6
5	☐	2500.000	2534.437	13088790.36	19.0296	A	1.5
6	☐	5000.000	5054.425	24899892.13	37.9499	A	0.7
7	☐	10000.000	9962.462	48540067.61	74.8001	A	0.3
8	☐			24961.93	0.0383	P	1.6

$$y = 0.0075 * x + 7.5221E-004$$

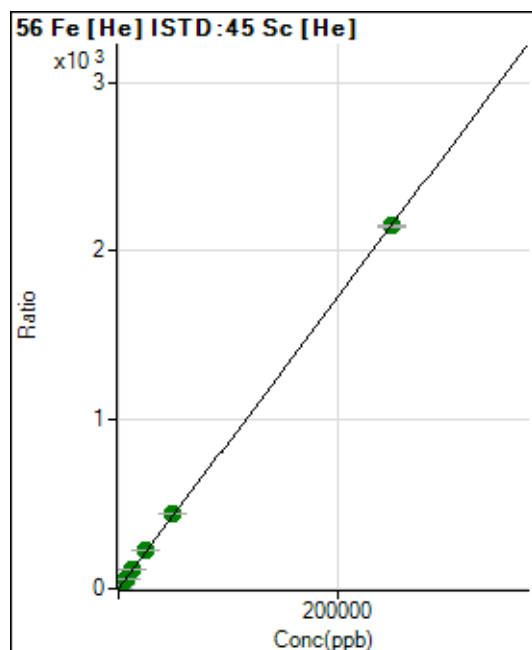
$$R = 1.0000$$

$$DL = 0.02251$$

$$BEC = 0.1002$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26709.35	0.0356	P	1.7
2	☐	50.000	57.593	396524.94	0.5316	P	0.6
3	☐	2500.000	2582.367	16668732.39	22.2746	A	0.7
4	☐	6250.000	6447.971	39501167.75	55.5647	A	0.3
5	☐	12500.000	12942.944	76689853.86	111.4987	A	1.3
6	☐	25000.000	25859.612	146144398.93	222.7354	A	0.2
7	☐	50000.000	51197.882	286143171.29	440.9456	A	0.3
8	☐	250000.00	249646.54	1401166290.2	2,149.961	A	0.2

$$y = 0.0086 * x + 0.0356$$

$$R = 1.0000$$

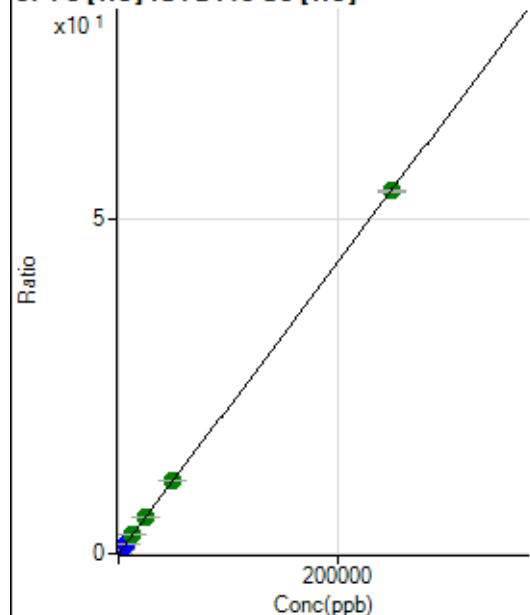
$$DL = 0.2081$$

$$BEC = 4.133$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1524.54	0.0020	P	4.4
2	☐	50.000	59.161	11091.94	0.0149	P	1.9
3	☐	2500.000	2676.581	436137.32	0.5829	P	0.7
4	☐	6250.000	6673.487	1030938.67	1.4502	P	0.4
5	☐	12500.000	12934.018	1931842.21	2.8087	A	1.1
6	☐	25000.000	25616.458	3648837.66	5.5608	A	0.9
7	☐	50000.000	50773.209	7151138.58	11.0199	A	0.3
8	☐	250000.00	249749.65	35320448.08	54.1980	A	0.8

$$y = 2.1700\text{E-}004 * x + 0.0020$$

$$R = 1.0000$$

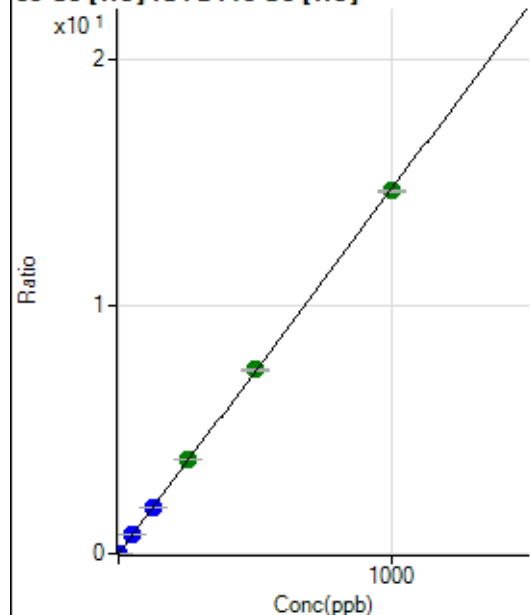
$$DL = 1.233$$

$$BEC = 9.363$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.78	0.0003	P	5.7
2	☐	1.000	1.151	12896.72	0.0173	P	0.9
3	☐	50.000	51.477	568582.03	0.7598	P	0.4
4	☐	125.000	127.735	1340061.10	1.8850	P	0.4
5	☐	250.000	257.709	2615472.74	3.8028	A	1.2
6	☐	500.000	505.277	4891776.31	7.4556	A	0.8
7	☐	1000.000	995.018	9527382.08	14.6817	A	0.6
8	☐			26133.93	0.0401	P	1.2

$$y = 0.0148 * x + 3.0352\text{E-}004$$

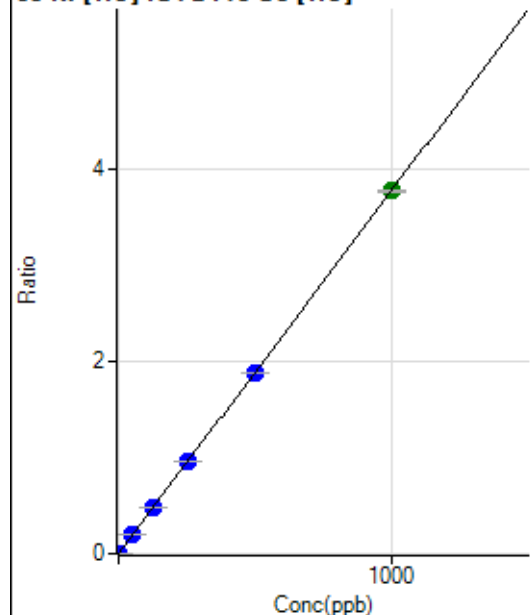
$$R = 0.9999$$

$$DL = 0.003521$$

$$BEC = 0.02057$$

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	775.58	0.0010	P	9.8
2	☐	1.000	1.076	3808.30	0.0051	P	1.7
3	☐	50.000	52.007	147995.96	0.1978	P	0.4
4	☐	125.000	127.887	344665.12	0.4848	P	0.7
5	☐	250.000	253.363	659947.30	0.9595	P	0.7
6	☐	500.000	498.289	1237506.61	1.8861	P	0.4
7	☐	1000.000	999.554	2454496.30	3.7824	A	0.4
8	☐			7913.25	0.0121	P	1.6

$$y = 0.0038 * x + 0.0010$$

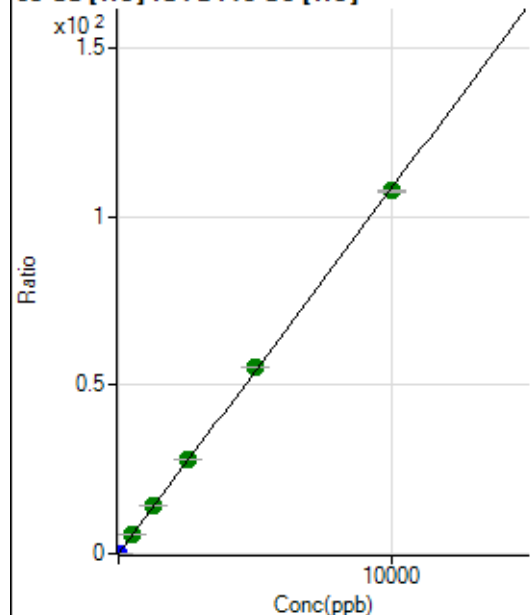
$$R = 1.0000$$

$$DL = 0.08075$$

$$BEC = 0.2733$$

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	1252.29	0.0017	P	3.8
2	☐	2.000	2.114	18320.18	0.0246	P	2.7
3	☐	500.000	524.366	4249690.28	5.6794	A	1.1
4	☐	1250.000	1297.016	9984881.10	14.0454	A	0.6
5	☐	2500.000	2568.373	19129124.02	27.8114	A	0.8
6	☐	5000.000	5089.259	36157387.24	55.1069	A	0.4
7	☐	10000.000	9931.182	69782086.19	107.5341	A	0.2
8	☐			15185.58	0.0233	P	3.4

$$y = 0.0108 * x + 0.0017$$

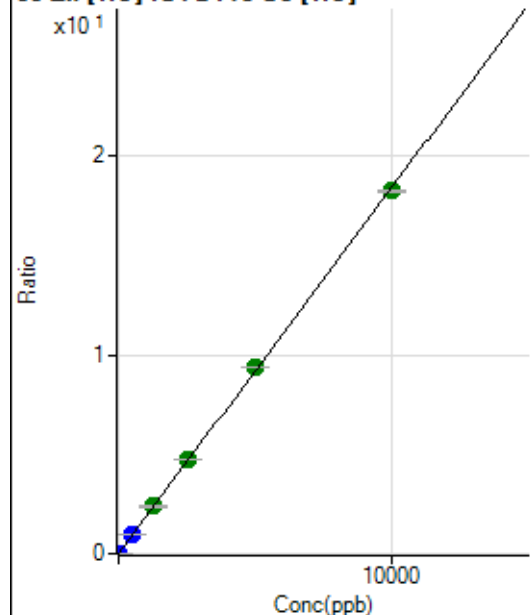
$$R = 0.9999$$

$$DL = 0.0175$$

$$BEC = 0.1541$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	798.92	0.0011	P	3.6
2	☐	2.000	5.474	8302.37	0.0111	P	1.0
3	☐	500.000	520.905	717532.80	0.9589	P	0.6
4	☐	1250.000	1290.514	1687694.85	2.3741	A	1.3
5	☐	2500.000	2581.110	3265198.77	4.7472	A	0.4
6	☐	5000.000	5109.197	6165007.48	9.3959	A	0.3
7	☐	10000.000	9919.014	11836655.52	18.2402	A	0.4
8	☐			6322.52	0.0097	P	4.4

$$y = 0.0018 * x + 0.0011$$

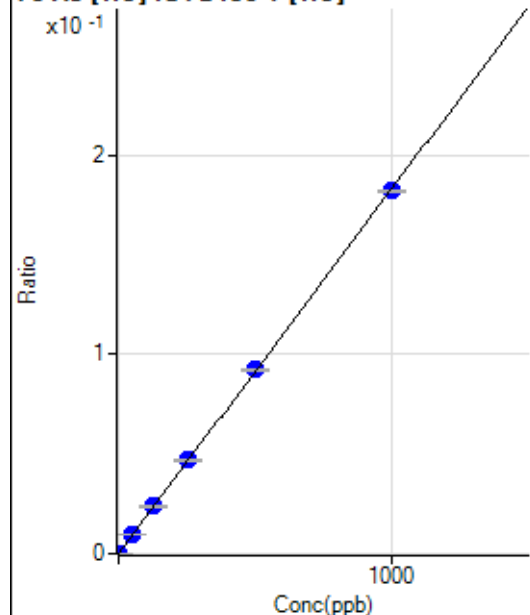
$$R = 0.9999$$

$$DL = 0.06337$$

$$BEC = 0.579$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0000	P	20.2
2	☐	1.000	1.230	1146.72	0.0002	P	12.2
3	☐	50.000	52.985	48865.63	0.0097	P	1.9
4	☐	125.000	129.304	114577.81	0.0236	P	0.8
5	☐	250.000	256.531	222504.08	0.0469	P	2.0
6	☐	500.000	504.841	425155.78	0.0923	P	0.6
7	☐	1000.000	995.259	826426.88	0.1819	P	0.2
8	☐			514.46	0.0001	P	2.3

$$y = 1.8278E-004 * x + 3.7206E-006$$

$$R = 1.0000$$

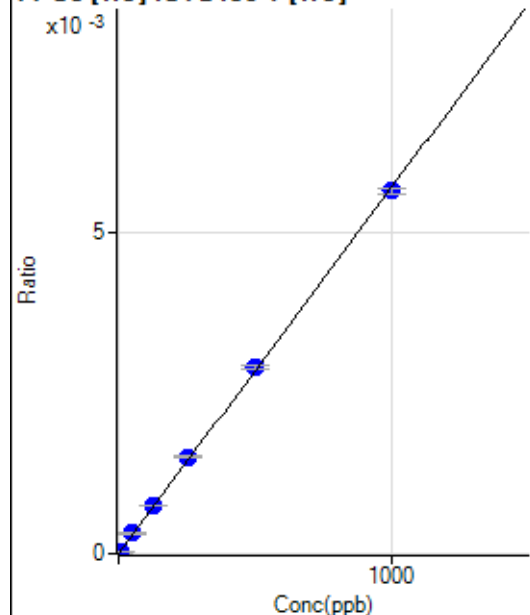
$$DL = 0.01231$$

$$BEC = 0.02036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.151	148.89	0.0000	P	17.1
3	☐	50.000	55.306	1595.66	0.0003	P	3.2
4	☐	125.000	132.712	3678.27	0.0008	P	1.4
5	☐	250.000	265.041	7189.58	0.0015	P	2.7
6	☐	500.000	508.544	13396.16	0.0029	P	1.7
7	☐	1000.000	990.738	25729.04	0.0057	P	1.6
8	☐			13.33	0.0000	P	25.6

$$y = 5.7164\text{E-}006 * x + 2.1884\text{E-}007$$

$$R = 0.9998$$

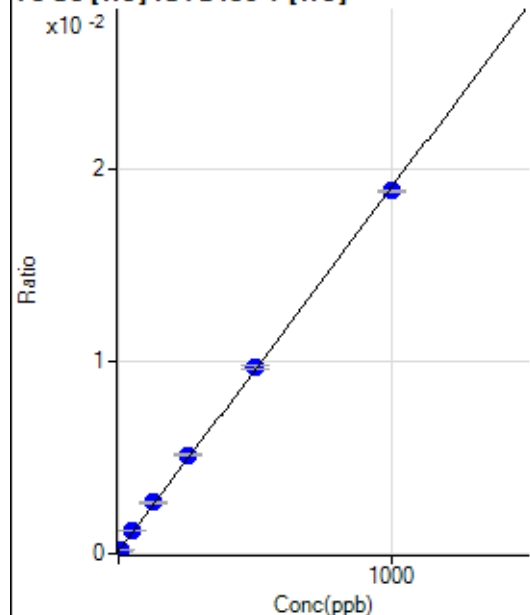
$$DL = 0.1989$$

$$BEC = 0.03828$$

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	591.13	0.0001	P	5.6
2	☐	5.000	5.817	1135.61	0.0002	P	5.3
3	☐	50.000	54.955	5832.30	0.0012	P	1.0
4	☐	125.000	134.162	12871.24	0.0027	P	1.2
5	☐	250.000	264.523	24303.36	0.0051	P	2.1
6	☐	500.000	507.695	44791.97	0.0097	P	2.4
7	☐	1000.000	991.125	85728.28	0.0189	P	0.7
8	☐			487.79	0.0001	P	8.8

$$y = 1.8923\text{E-}005 * x + 1.1645\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.042$$

$$BEC = 6.154$$

Weight: <None>

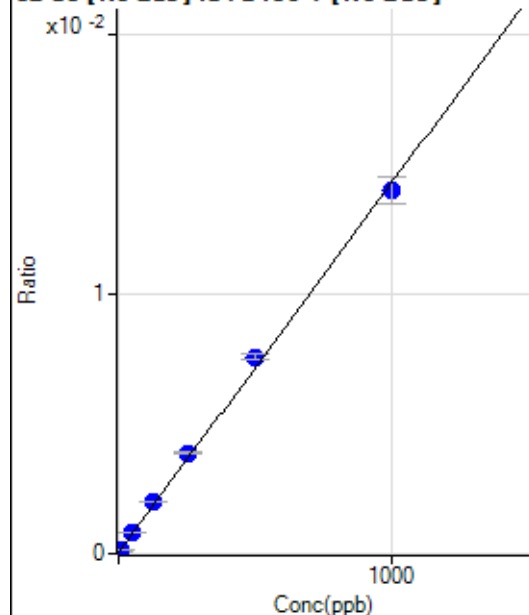
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15776.32		P	1.9
2	☐			16174.50		P	2.3
3	☐			16351.35		P	2.2
4	☐			14561.72		P	2.2
5	☐			13549.64		P	0.5
6	☐			12854.58		P	0.6
7	☐			12879.03		P	0.4
8	☐			13835.45		P	1.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			188.89		P	20.7
2	☐			193.34		P	21.0
3	☐			157.78		P	12.0
4	☐			157.78		P	10.0
5	☐			164.45		P	6.5
6	☐			124.45		P	13.7
7	☐			102.22		P	21.7
8	☐			202.23		P	3.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	883.14	0.0000	P	1.7
2	☐	5.000	5.235	2208.06	0.0001	P	3.3
3	☐	50.000	55.649	15497.81	0.0008	P	1.1
4	☐	125.000	136.129	35183.38	0.0020	P	0.4
5	☐	250.000	269.471	67021.08	0.0039	P	1.6
6	☐	500.000	528.965	126740.49	0.0076	P	2.6
7	☐	1000.000	978.975	236821.61	0.0140	P	7.5
8	☐			855.21	0.0001	P	6.4

$$y = 1.4243\text{E-}005 * x + 4.8570\text{E-}005$$

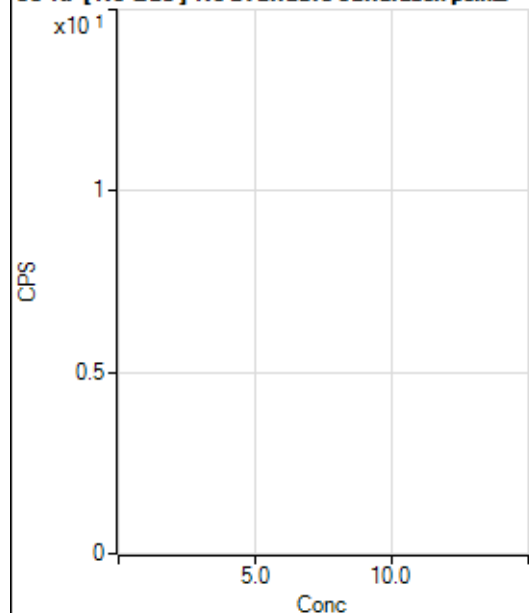
$$R = 0.9991$$

$$DL = 0.1708$$

$$BEC = 3.41$$

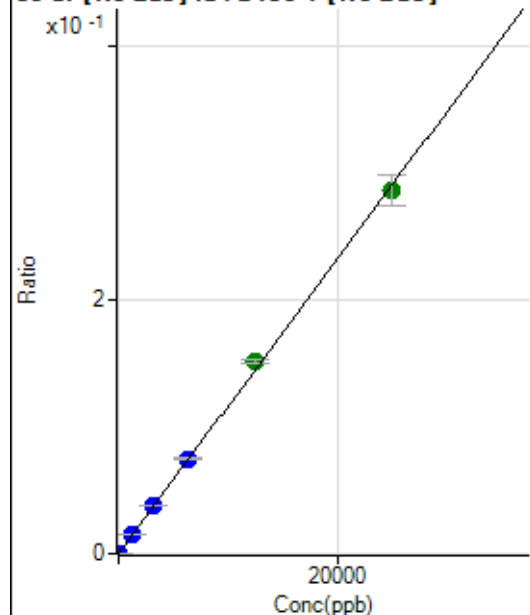
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			281.12		P	10.1
2	☐			284.45		P	2.9
3	☐			336.68		P	4.5
4	☐			292.23		P	12.6
5	☐			296.67		P	3.9
6	☐			286.67		P	7.0
7	☐			347.78		P	13.9
8	☐			317.78		P	4.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	558.91	0.0000	P	6.0
2	☐	1.000	28.684	6519.28	0.0004	P	3.4
3	☐	1250.000	1313.761	281424.08	0.0153	P	0.7
4	☐	3125.000	3233.910	664790.43	0.0376	P	0.6
5	☐	6250.000	6466.665	1294433.86	0.0751	P	1.2
6	☐	12500.000	13040.253	2529753.82	0.1513	A	1.9
7	☐	25000.000	24658.904	4840851.18	0.2861	A	8.6
8	☐			14889.84	0.0010	P	3.3

$$y = 1.1603\text{E-}005 * x + 3.0747\text{E-}005$$

$$R = 0.9996$$

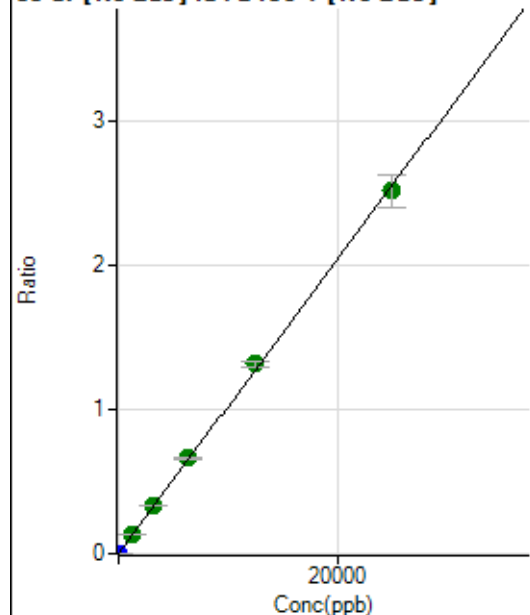
$$DL = 0.4763$$

$$BEC = 2.65$$

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	420.01	0.0000	P	6.1
2	☐	1.000	27.999	51574.44	0.0029	P	0.7
3	☐	1250.000	1317.788	2474306.91	0.1343	A	0.9
4	☐	3125.000	3235.174	5835625.33	0.3297	A	0.8
5	☐	6250.000	6507.605	11434756.77	0.6631	A	1.0
6	☐	12500.000	12946.792	22047790.23	1.3192	A	2.9
7	☐	25000.000	24695.041	42560863.81	2.5162	A	9.0
8	☐			128536.73	0.0082	P	2.0

$$y = 1.0189\text{E-}004 * x + 2.3101\text{E-}005$$

$$R = 0.9997$$

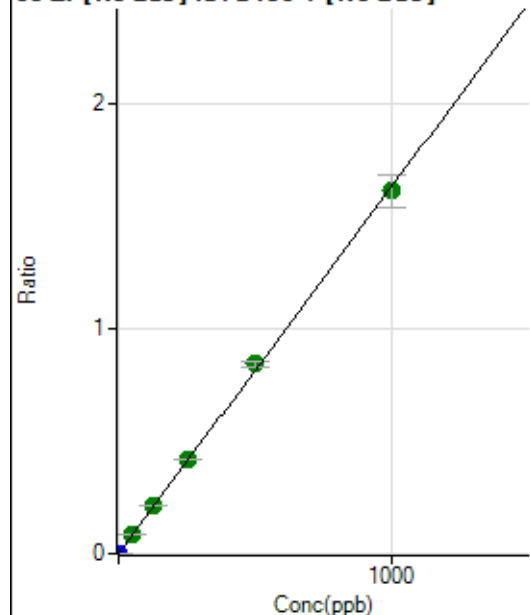
$$DL = 0.04118$$

$$BEC = 0.2267$$

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	901.15	0.0000	P	6.8
2	☐	1.000	0.978	29489.81	0.0016	P	2.7
3	☐	50.000	52.407	1575761.70	0.0855	A	0.7
4	☐	125.000	129.039	3726698.77	0.2105	A	0.4
5	☐	250.000	258.265	7264997.19	0.4213	A	0.9
6	☐	500.000	516.643	14083884.93	0.8427	A	3.1
7	☐	1000.000	988.987	27282498.76	1.6131	A	9.2
8	☐			19484.14	0.0012	P	3.5

$$y = 0.0016 * x + 4.9559E-005$$

$$R = 0.9998$$

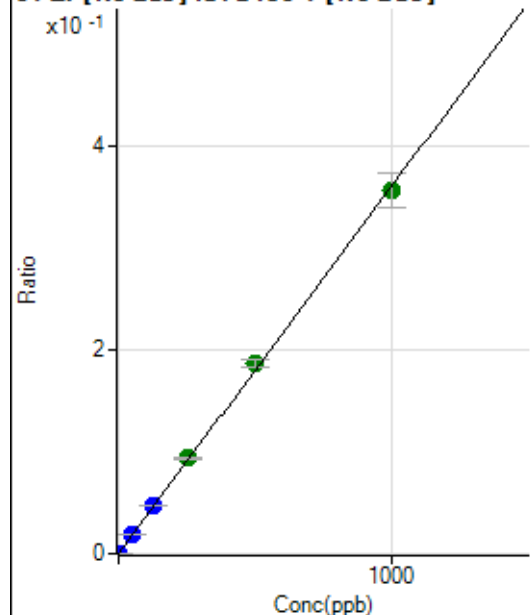
$$DL = 0.006167$$

$$BEC = 0.03039$$

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	185.56	0.0000	P	2.4
2	☐	1.000	0.999	6643.78	0.0004	P	2.8
3	☐	50.000	52.429	348599.37	0.0189	P	1.7
4	☐	125.000	130.098	830855.08	0.0469	P	1.1
5	☐	250.000	259.525	1614580.97	0.0936	A	1.6
6	☐	500.000	517.806	3121625.65	0.1868	A	3.4
7	☐	1000.000	987.957	6026833.80	0.3564	A	9.4
8	☐			4339.57	0.0003	P	5.5

$$y = 3.6070E-004 * x + 1.0205E-005$$

$$R = 0.9997$$

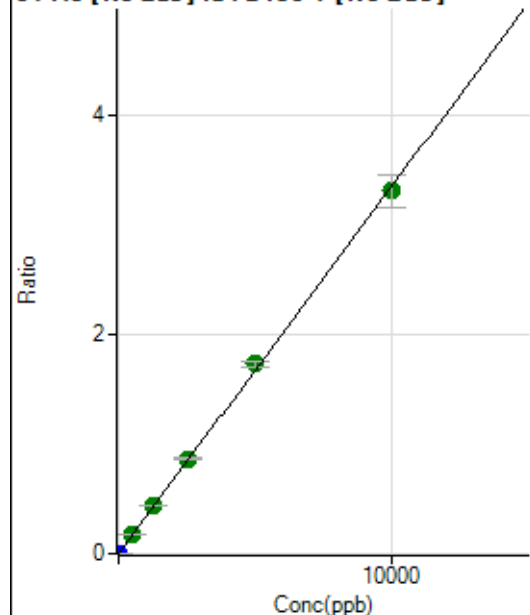
$$DL = 0.002066$$

$$BEC = 0.02829$$

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	484.46	0.0000	P	7.5
2	☐	5.000	6.123	37166.04	0.0021	P	1.2
3	☐	500.000	522.801	3218978.43	0.1747	A	1.4
4	☐	1250.000	1289.905	7630909.40	0.4310	A	0.3
5	☐	2500.000	2583.252	14886040.33	0.8632	A	1.1
6	☐	5000.000	5176.921	28911507.63	1.7299	A	3.2
7	☐	10000.000	9884.598	55874555.83	3.3030	A	8.7
8	☐			18982.52	0.0012	P	11.9

$$y = 3.3415E-004 * x + 2.6598E-005$$

$$R = 0.9997$$

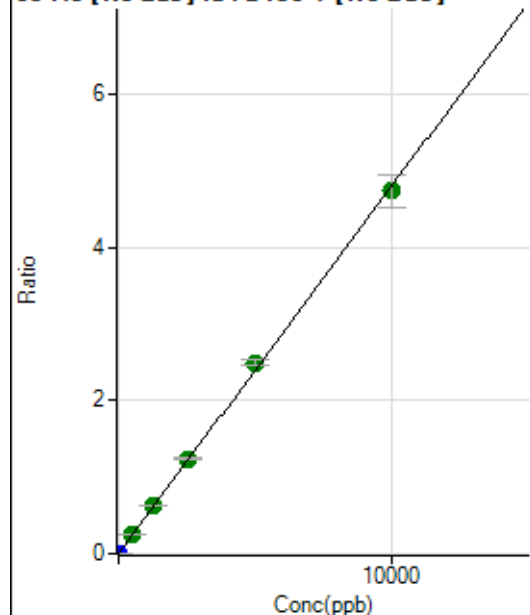
$$DL = 0.0178$$

$$BEC = 0.0796$$

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	355.57	0.0000	P	12.9
2	☐	5.000	5.289	45840.39	0.0026	P	0.5
3	☐	500.000	521.388	4607737.05	0.2501	A	1.4
4	☐	1250.000	1292.103	10970952.20	0.6198	A	0.9
5	☐	2500.000	2590.107	21422860.38	1.2423	A	1.7
6	☐	5000.000	5187.160	41582275.21	2.4880	A	3.0
7	☐	10000.000	9877.561	80135452.14	4.7376	A	9.0
8	☐			20198.75	0.0013	P	16.4

$$y = 4.7964E-004 * x + 1.9520E-005$$

$$R = 0.9997$$

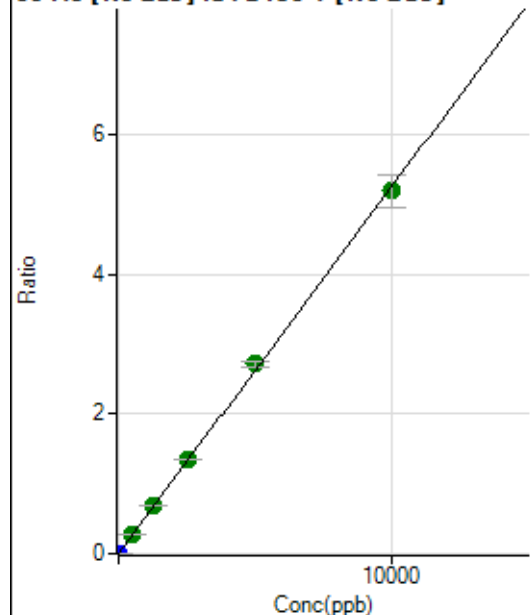
$$DL = 0.0158$$

$$BEC = 0.0407$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	481.12	0.0000	P	8.5
2	☐	5.000	5.448	51821.19	0.0029	P	0.8
3	☐	500.000	520.206	5036919.33	0.2734	A	1.7
4	☐	1250.000	1293.332	12031844.82	0.6797	A	0.8
5	☐	2500.000	2578.489	23367531.32	1.3550	A	1.2
6	☐	5000.000	5167.236	45385739.88	2.7154	A	2.7
7	☐	10000.000	9890.333	87922462.03	5.1974	A	8.7
8	☐			34881.96	0.0022	P	11.3

$$y = 5.2550\text{E-}004 * x + 2.6500\text{E-}005$$

$$R = 0.9998$$

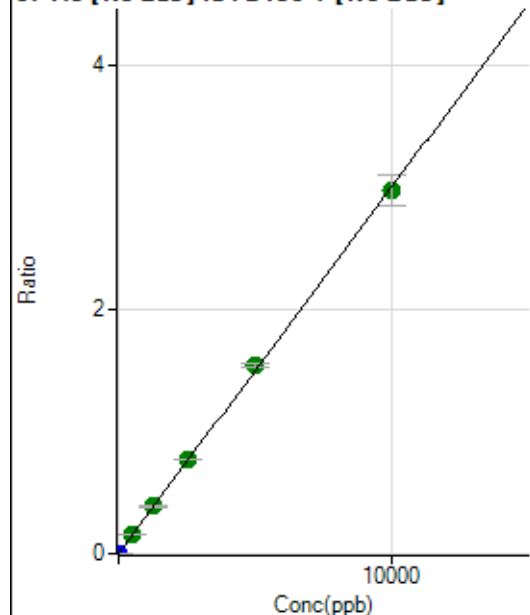
$$DL = 0.01288$$

$$BEC = 0.05043$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.23	0.0000	P	3.4
2	☐	5.000	5.248	28491.16	0.0016	P	1.2
3	☐	500.000	521.716	2882789.61	0.1565	A	1.6
4	☐	1250.000	1288.242	6839498.51	0.3863	A	0.8
5	☐	2500.000	2576.488	13324946.47	0.7727	A	1.1
6	☐	5000.000	5142.745	25779871.56	1.5423	A	2.1
7	☐	10000.000	9903.639	50250297.03	2.9700	A	8.4
8	☐			12664.58	0.0008	P	16.9

$$y = 2.9989\text{E-}004 * x + 1.4966\text{E-}005$$

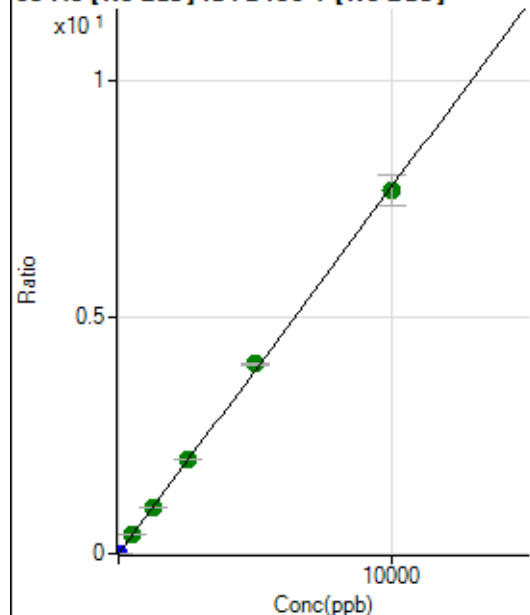
$$R = 0.9998$$

$$DL = 0.005025$$

$$BEC = 0.0499$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	550.02	0.0000	P	8.6
2	☐	5.000	5.341	74762.24	0.0042	P	0.7
3	☐	500.000	516.047	7367970.24	0.3999	A	1.4
4	☐	1250.000	1282.146	17588647.24	0.9935	A	0.4
5	☐	2500.000	2575.387	34413945.04	1.9956	A	1.2
6	☐	5000.000	5166.043	66915762.34	4.0030	A	1.8
7	☐	10000.000	9893.311	129705636.96	7.6661	A	8.4
8	☐			31887.90	0.0020	P	17.5

$$y = 7.7487\text{E-}004 * x + 3.0191\text{E-}005$$

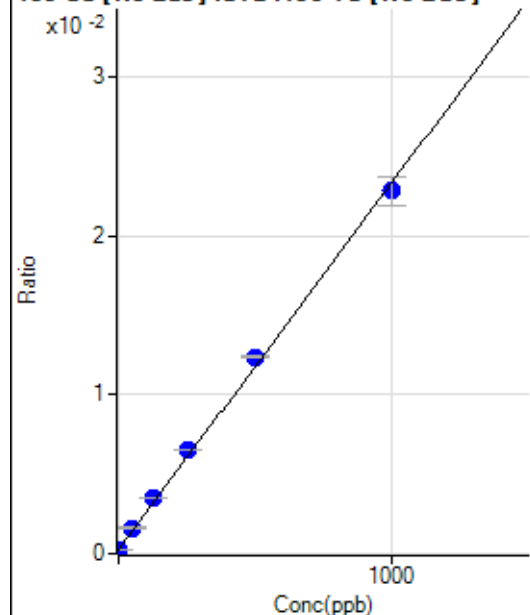
$$R = 0.9998$$

$$DL = 0.01$$

$$BEC = 0.03896$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4691.91	0.0003	P	2.0
2	☐	1.000	1.524	5188.74	0.0003	P	2.1
3	☐	50.000	59.109	30012.11	0.0016	P	1.9
4	☐	125.000	140.214	64097.23	0.0035	P	0.4
5	☐	250.000	273.869	118514.03	0.0066	P	0.7
6	☐	500.000	525.493	223623.91	0.0124	P	1.0
7	☐	1000.000	978.929	419188.47	0.0228	P	8.2
8	☐			4286.23	0.0003	P	4.9

$$y = 2.3043\text{E-}005 * x + 2.5514\text{E-}004$$

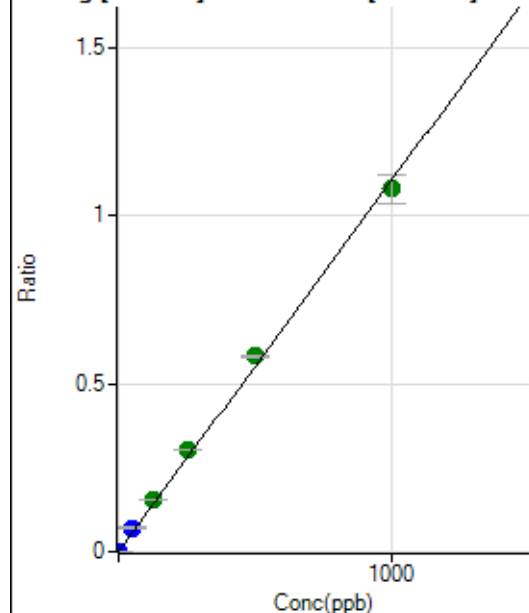
$$R = 0.9992$$

$$DL = 0.656$$

$$BEC = 11.07$$

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	131.11	0.0000	P	8.0
2	☐	1.000	1.174	23312.17	0.0013	P	2.0
3	☐	50.000	64.656	1326169.94	0.0715	P	1.6
4	☐	125.000	139.057	2825805.38	0.1537	A	0.3
5	☐	250.000	275.249	5490785.06	0.3042	A	0.6
6	☐	500.000	527.176	10537158.94	0.5826	A	1.3
7	☐	1000.000	977.610	19853606.51	1.0804	A	8.1
8	☐			5331.04	0.0003	P	16.5

$$y = 0.0011 * x + 7.1160E-006$$

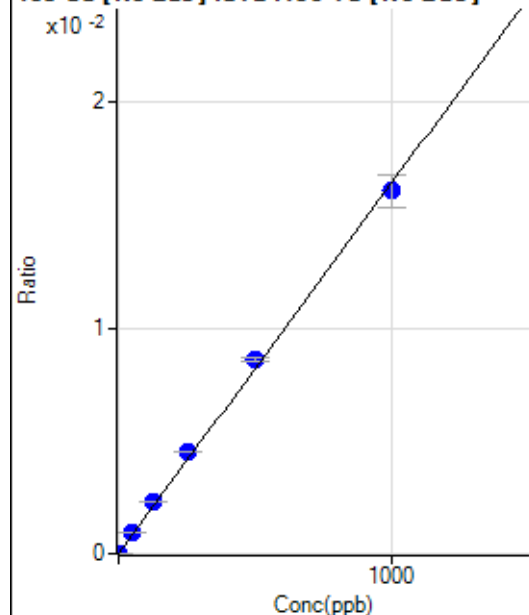
$$R = 0.9990$$

$$DL = 0.001554$$

$$BEC = 0.006439$$

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	16.67	0.0000	P	20.2
2	☐	1.000	1.110	342.23	0.0000	P	7.1
3	☐	50.000	58.644	17876.67	0.0010	P	1.5
4	☐	125.000	139.882	42221.32	0.0023	P	1.6
5	☐	250.000	274.898	81444.70	0.0045	P	0.8
6	☐	500.000	524.238	155616.72	0.0086	P	1.1
7	☐	1000.000	979.364	295221.15	0.0161	P	9.1
8	☐			192.23	0.0000	P	5.4

$$y = 1.6411E-005 * x + 9.0628E-007$$

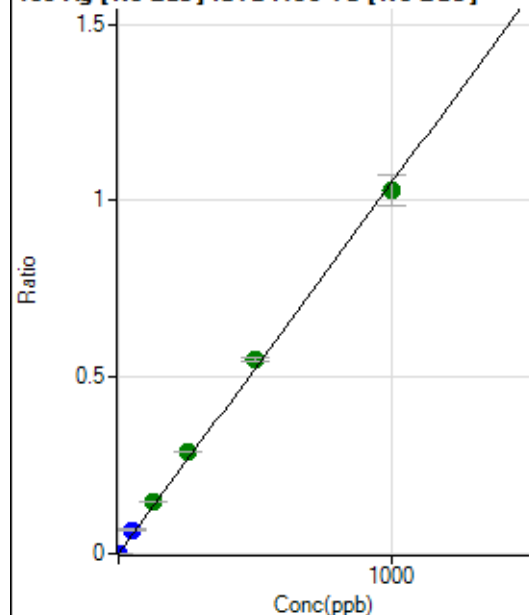
$$R = 0.9992$$

$$DL = 0.03347$$

$$BEC = 0.05522$$

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	82.22	0.0000	P	21.0
2	☐	1.000	1.159	21835.41	0.0012	P	1.4
3	☐	50.000	64.559	1257322.86	0.0678	P	1.3
4	☐	125.000	139.369	2689080.20	0.1463	A	0.8
5	☐	250.000	274.820	5205378.57	0.2884	A	1.0
6	☐	500.000	524.781	9959709.71	0.5507	A	1.3
7	☐	1000.000	978.880	18872465.55	1.0272	A	8.5
8	☐			5077.64	0.0003	P	18.3

$$y = 0.0010 * x + 4.4904E-006$$

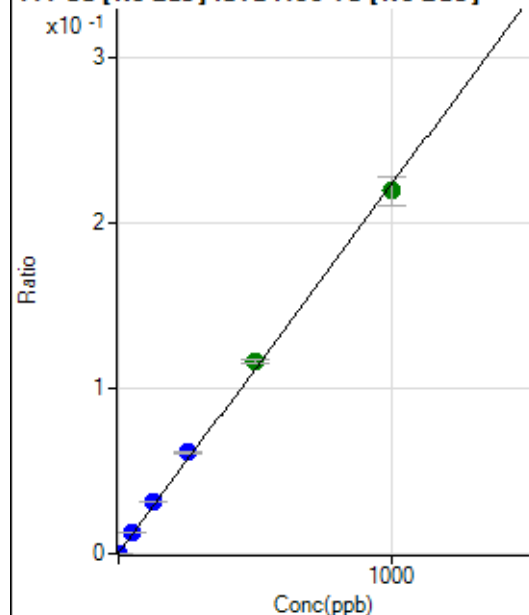
$$R = 0.9992$$

$$DL = 0.002691$$

$$BEC = 0.004279$$

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	3307.12	0.0002	P	2.0
2	☐	1.000	1.267	8271.21	0.0005	P	2.2
3	☐	50.000	57.660	242178.34	0.0131	P	2.0
4	☐	125.000	138.661	572389.88	0.0311	P	1.0
5	☐	250.000	272.921	1102879.36	0.0611	P	0.2
6	☐	500.000	519.142	2099003.77	0.1161	A	2.0
7	☐	1000.000	982.608	4033867.13	0.2195	A	8.3
8	☐			3942.52	0.0002	P	6.1

$$y = 2.2323E-004 * x + 1.7983E-004$$

$$R = 0.9994$$

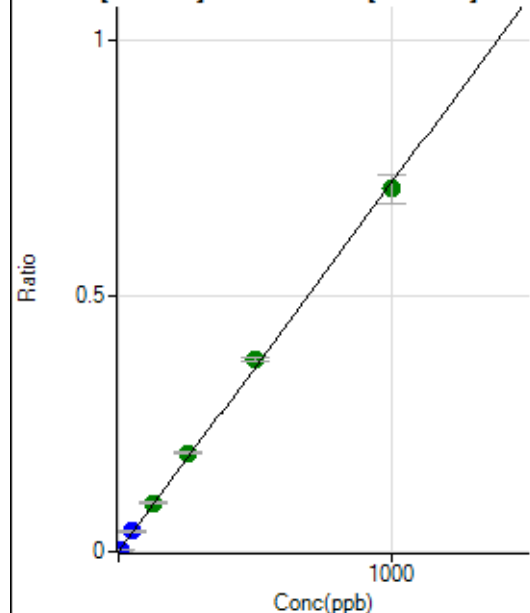
$$DL = 0.04815$$

$$BEC = 0.8056$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3484.90	0.0002	P	6.3
2	☐	5.000	5.860	79011.74	0.0044	P	0.4
3	☐	50.000	54.852	738196.63	0.0398	P	1.7
4	☐	125.000	132.549	1762292.87	0.0959	A	2.4
5	☐	250.000	268.051	3495463.04	0.1937	A	0.6
6	☐	500.000	521.012	6804527.95	0.3762	A	1.3
7	☐	1000.000	983.791	13051949.53	0.7103	A	8.1
8	☐			7926.87	0.0005	P	1.3

$$y = 7.2178\text{E-}004 * x + 1.8976\text{E-}004$$

$$R = 0.9995$$

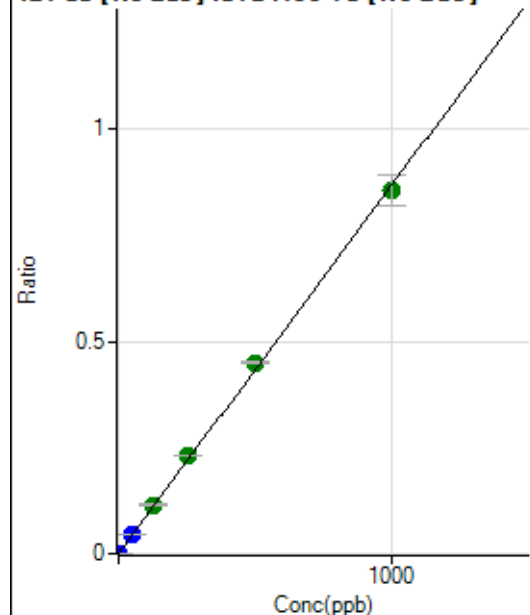
$$DL = 0.05006$$

$$BEC = 0.2629$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	41.2
2	☐	2.000	2.286	35498.22	0.0020	P	3.4
3	☐	50.000	54.483	876557.99	0.0472	P	0.9
4	☐	125.000	133.114	2121546.84	0.1154	A	1.1
5	☐	250.000	267.166	4180104.38	0.2316	A	1.1
6	☐	500.000	518.293	8125610.99	0.4493	A	1.3
7	☐	1000.000	985.323	15692391.44	0.8541	A	8.5
8	☐			9477.67	0.0006	P	6.8

$$y = 8.6685\text{E-}004 * x + 4.2126\text{E-}006$$

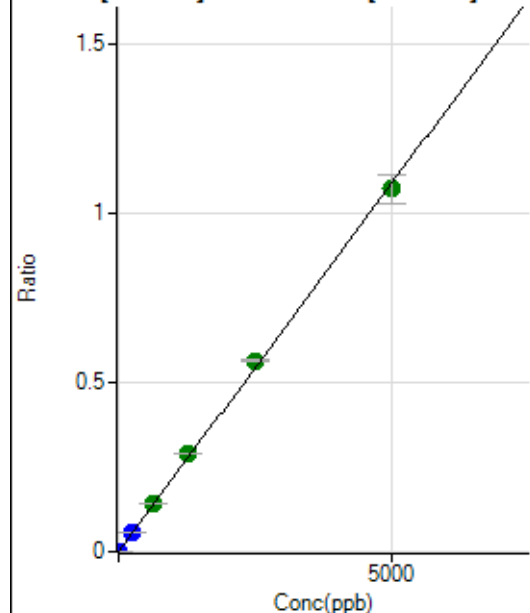
$$R = 0.9996$$

$$DL = 0.006003$$

$$BEC = 0.00486$$

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	58.89	0.0000	P	28.0
2	☐	10.000	11.281	43841.69	0.0025	P	1.6
3	☐	250.000	267.223	1076709.67	0.0580	P	1.8
4	☐	625.000	663.248	2647684.73	0.1440	A	0.8
5	☐	1250.000	1326.956	5200247.39	0.2881	A	0.5
6	☐	2500.000	2592.720	10181169.71	0.5629	A	1.1
7	☐	5000.000	4928.756	19664234.71	1.0701	A	8.1
8	☐			10183.72	0.0006	P	5.0

$$y = 2.1712\text{E-}004 * x + 3.1827\text{E-}006$$

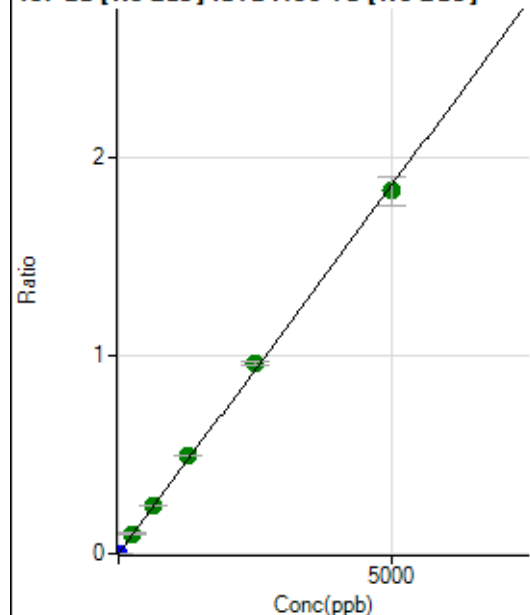
$$R = 0.9996$$

$$DL = 0.01231$$

$$BEC = 0.01466$$

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	107.78	0.0000	P	12.2
2	☐	10.000	11.411	75990.49	0.0043	P	1.4
3	☐	250.000	271.803	1876284.17	0.1011	A	2.3
4	☐	625.000	662.804	4533317.64	0.2466	A	0.3
5	☐	1250.000	1324.156	8890602.92	0.4926	A	0.5
6	☐	2500.000	2594.407	17453099.46	0.9651	A	2.0
7	☐	5000.000	4928.439	33688877.28	1.8333	A	8.1
8	☐			17487.57	0.0010	P	7.1

$$y = 3.7199\text{E-}004 * x + 5.8597\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.005783$$

$$BEC = 0.01575$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.7
2	☐			8.89		P	57.3
3	☐			68.89		P	15.6
4	☐			200.00		P	17.4
5	☐			320.01		P	13.3
6	☐			585.57		P	12.5
7	☐			1182.28		P	8.2
8	☐			322.23		P	10.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			5.55		P	69.3
3	☐			15.56		P	32.7
4	☐			44.44		P	28.4
5	☐			105.56		P	25.3
6	☐			171.11		P	18.5
7	☐			358.90		P	4.7
8	☐			203.33		P	10.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			13.33		P	25.0
3	☐			37.78		P	13.5
4	☐			72.22		P	11.6
5	☐			136.67		P	17.6
6	☐			216.67		P	4.1
7	☐			458.90		P	8.4
8	☐			578.91		P	13.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.44		P	114.
3	☐			57.78		P	13.3
4	☐			156.67		P	13.3
5	☐			351.12		P	10.2
6	☐			632.24		P	5.8
7	☐			1226.73		P	3.1
8	☐			493.35		P	8.1

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

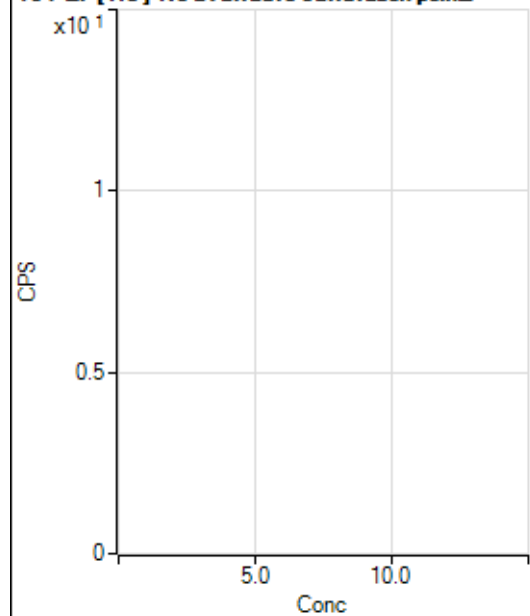
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	38.5
2	☐			65.56		P	30.6
3	☐			94.44		P	20.1
4	☐			107.78		P	23.2
5	☐			117.78		P	12.8
6	☐			204.45		P	11.1
7	☐			315.56		P	4.3
8	☐			618.91		P	1.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			855.59		P	4.7
2	☐			871.15		P	2.1
3	☐			860.03		P	2.4
4	☐			790.03		P	3.0
5	☐			865.59		P	2.4
6	☐			918.93		P	3.0
7	☐			1008.94		P	6.1
8	☐			1196.73		P	6.9

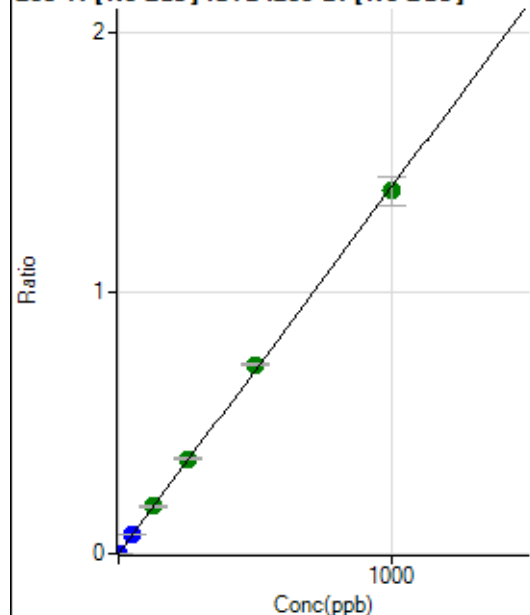
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	26.6
2	☐			54.44		P	15.4
3	☐			107.78		P	21.9
4	☐			126.67		P	13.9
5	☐			160.01		P	3.6
6	☐			280.00		P	10.3
7	☐			443.35		P	3.4
8	☐			655.58		P	3.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	22.4
2	☐			58.89		P	31.2
3	☐			54.44		P	14.1
4	☐			82.22		P	19.2
5	☐			133.34		P	6.6
6	☐			174.45		P	4.8
7	☐			356.68		P	5.7
8	☐			507.79		P	16.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	306.67	0.0000	P	8.5
2	☐	1.000	1.055	15824.85	0.0015	P	3.0
3	☐	50.000	51.041	783383.50	0.0717	P	2.6
4	☐	125.000	128.549	1960807.85	0.1806	A	1.8
5	☐	250.000	258.813	3910830.08	0.3636	A	2.0
6	☐	500.000	515.026	7708174.75	0.7235	A	1.0
7	☐	1000.000	989.788	14981488.81	1.3904	A	8.2
8	☐			2997.05	0.0003	P	26.3

$$y = 0.0014 * x + 2.8686E-005$$

$$R = 0.9998$$

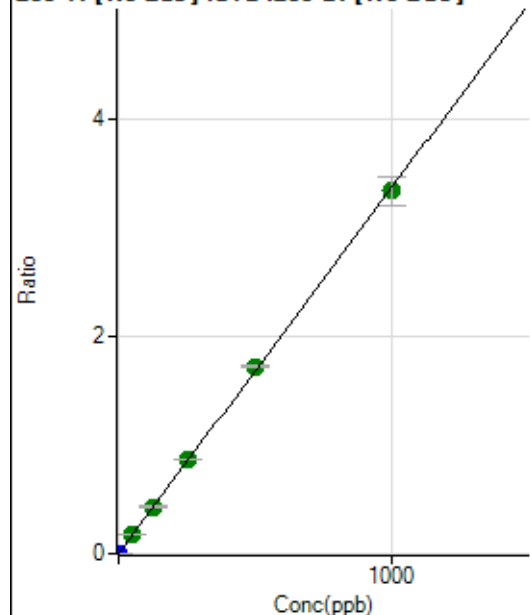
$$DL = 0.00518$$

$$BEC = 0.02042$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	747.81	0.0001	P	4.2
2	☐	1.000	1.050	37677.66	0.0036	P	2.4
3	☐	50.000	51.858	1903748.20	0.1743	A	2.3
4	☐	125.000	128.688	4694751.11	0.4324	A	1.0
5	☐	250.000	256.903	9285160.35	0.8632	A	1.0
6	☐	500.000	511.718	18316527.78	1.7193	A	1.5
7	☐	1000.000	991.861	35913678.36	3.3325	A	7.7
8	☐			7047.54	0.0008	P	22.8

$$y = 0.0034 * x + 7.0079E-005$$

$$R = 0.9999$$

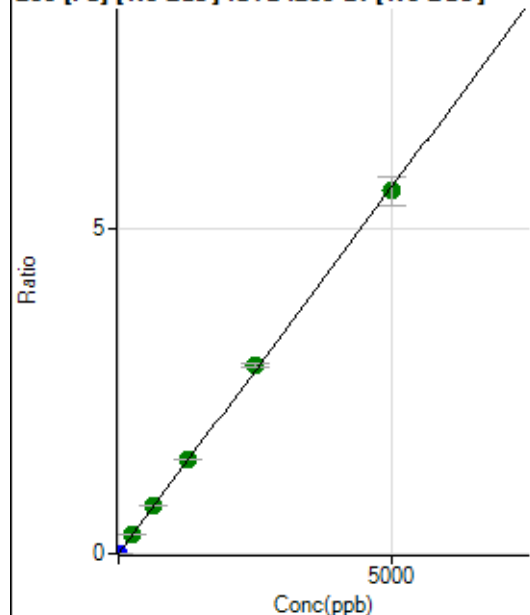
$$DL = 0.002643$$

$$BEC = 0.02086$$

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	1068.95	0.0001	P	6.7
2	☐	1.000	1.073	13717.02	0.0013	P	1.1
3	☐	250.000	262.898	3237843.70	0.2964	A	2.2
4	☐	625.000	648.158	7933224.33	0.7307	A	1.5
5	☐	1250.000	1291.454	15660002.68	1.4558	A	1.2
6	☐	2500.000	2566.979	30826070.93	2.8936	A	1.9
7	☐	5000.000	4952.607	60160969.10	5.5827	A	7.9
8	☐			16673.80	0.0018	P	13.1

$$y = 0.0011 * x + 1.0021E-004$$

$$R = 0.9998$$

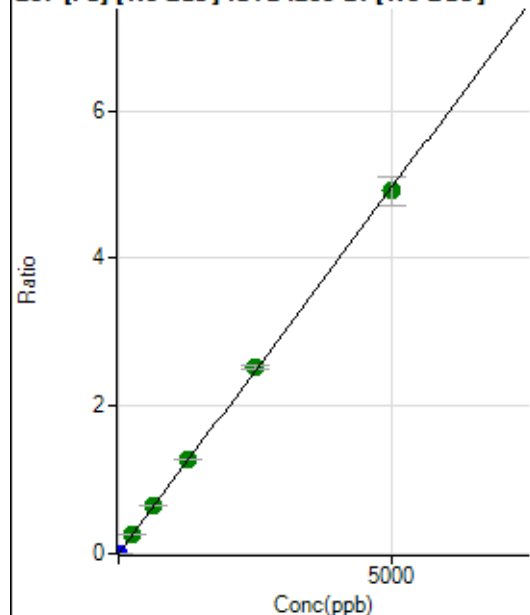
$$DL = 0.01799$$

$$BEC = 0.0889$$

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	904.49	0.0001	P	2.6
2	☐	1.000	1.074	12028.74	0.0011	P	3.9
3	☐	250.000	259.721	2811633.19	0.2574	A	2.0
4	☐	625.000	647.421	6965063.65	0.6415	A	0.9
5	☐	1250.000	1285.848	13705632.29	1.2741	A	0.2
6	☐	2500.000	2557.823	26997717.38	2.5343	A	1.9
7	☐	5000.000	4958.838	52936674.76	4.9131	A	8.2
8	☐			14322.20	0.0015	P	13.4

$$y = 9.9076E-004 * x + 8.4742E-005$$

$$R = 0.9999$$

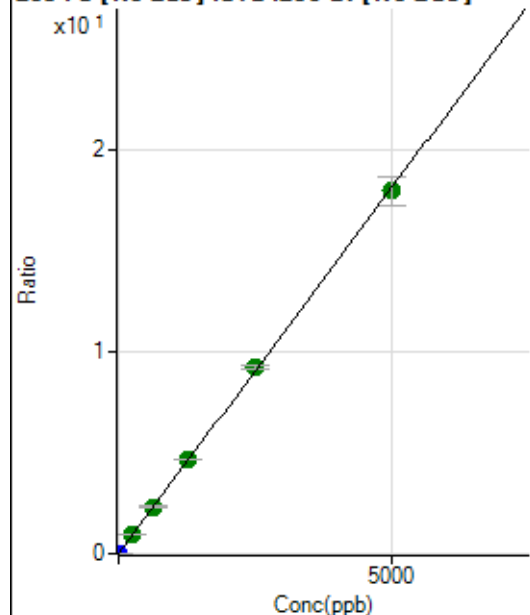
$$DL = 0.00671$$

$$BEC = 0.08553$$

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	3401.83	0.0003	P	5.8
2	☐	1.000	1.059	43503.65	0.0042	P	2.7
3	☐	250.000	259.171	10255124.61	0.9389	A	1.9
4	☐	625.000	643.883	25318417.43	2.3320	A	1.1
5	☐	1250.000	1287.101	50143534.28	4.6613	A	0.4
6	☐	2500.000	2554.894	98565986.70	9.2524	A	1.9
7	☐	5000.000	4960.459	193576616.66	17.9637	A	8.0
8	☐			52624.95	0.0057	P	13.9

$$y = 0.0036 * x + 3.1887E-004$$

$$R = 0.9999$$

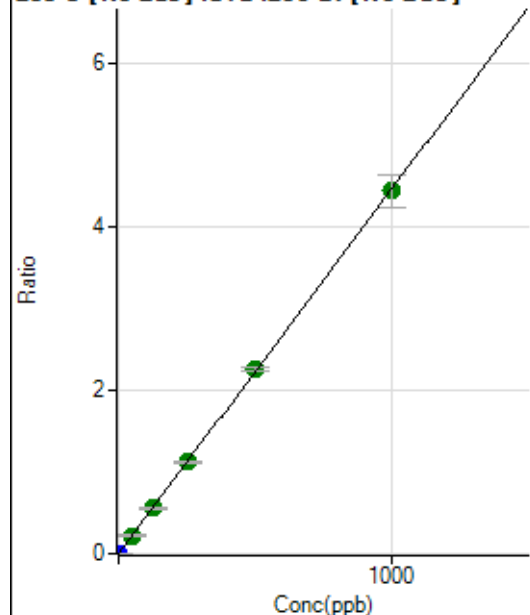
$$DL = 0.0154$$

$$BEC = 0.08805$$

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	30.00	0.0000	P	9.3
2	☐	1.000	0.990	46249.94	0.0044	P	0.9
3	☐	50.000	49.951	2431471.98	0.2226	A	2.2
4	☐	125.000	124.386	6018373.10	0.5543	A	0.8
5	☐	250.000	251.305	12046669.26	1.1200	A	1.7
6	☐	500.000	507.896	24113403.81	2.2635	A	1.8
7	☐	1000.000	995.805	47795776.51	4.4379	A	9.1
8	☐			9207.84	0.0010	P	21.6

$$y = 0.0045 * x + 2.8068E-006$$

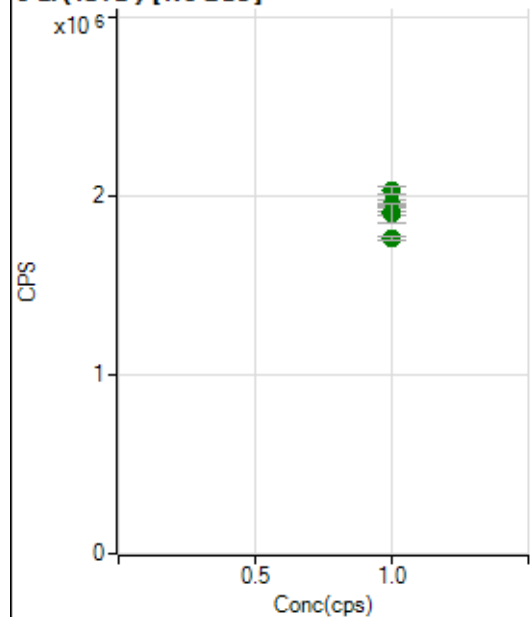
$$R = 1.0000$$

$$DL = 0.0001762$$

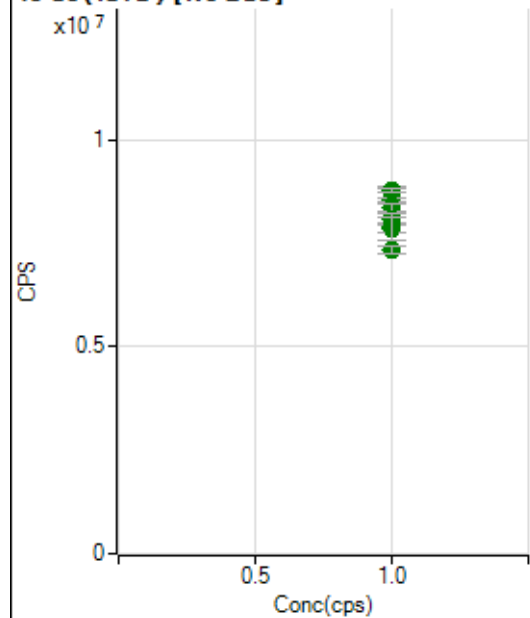
$$BEC = 0.0006298$$

Weight: <None>

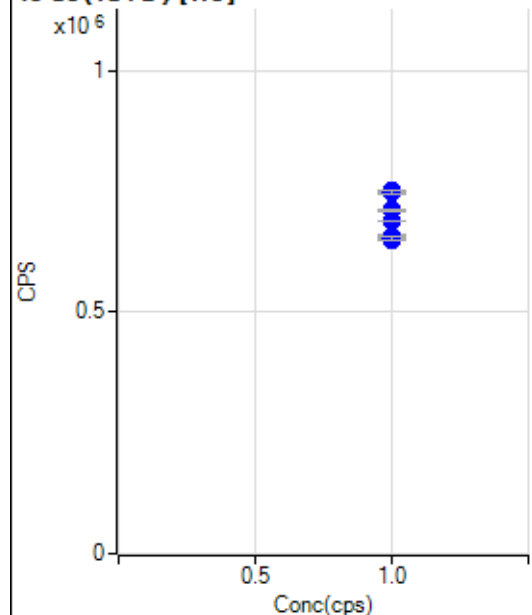
Min Conc: 0

6 Li (ISTD) [No Gas]

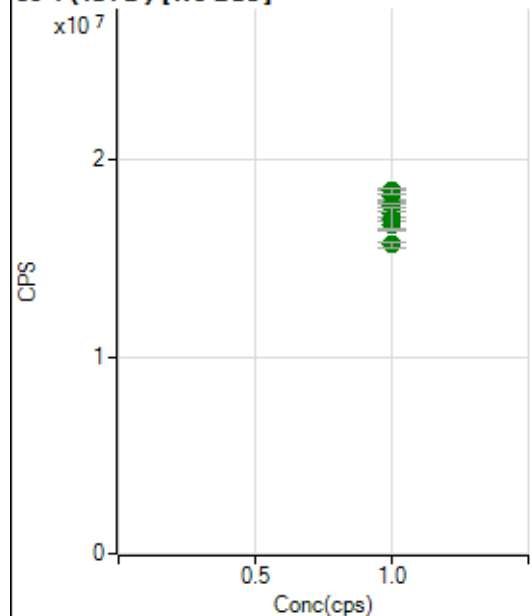
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1960247.70		A	1.8
2	☐	1.000		1936109.07		A	2.1
3	☐	1.000		2027931.62		A	2.1
4	☐	1.000		1958440.59		A	1.5
5	☐	1.000		1945715.94		A	0.4
6	☐	1.000		1914345.35		A	2.0
7	☐	1.000		1903970.65		A	5.8
8	☐	1.000		1766292.14		A	1.4

45 Sc (ISTD) [No Gas]

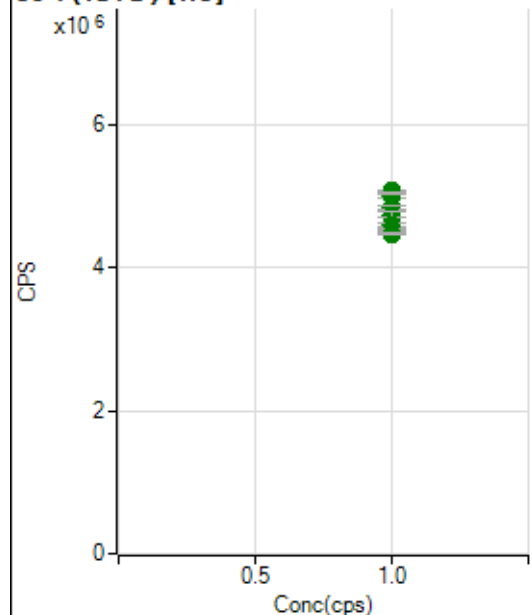
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8746604.45		A	3.1
2	☐	1.000		8533302.10		A	1.0
3	☐	1.000		8760043.83		A	1.1
4	☐	1.000		8356618.21		A	2.1
5	☐	1.000		8057423.91		A	1.3
6	☐	1.000		7844836.21		A	2.2
7	☐	1.000		7889657.59		A	8.1
8	☐	1.000		7333007.46		A	2.1

45 Sc (ISTD) [He]

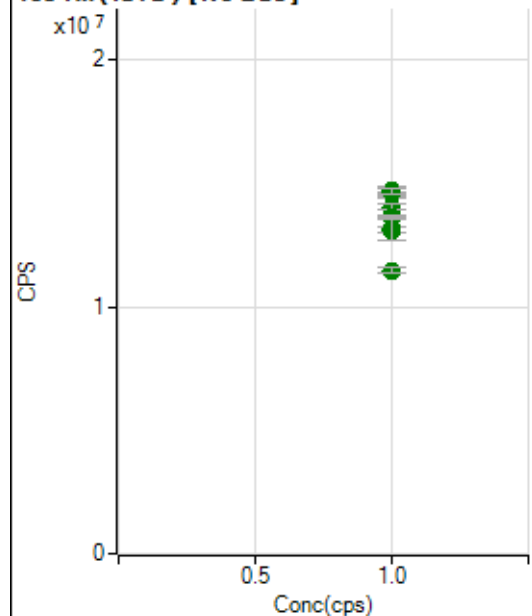
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		750402.09		P	0.3
2	☐	1.000		745943.14		P	0.3
3	☐	1.000		748313.59		P	1.1
4	☐	1.000		710913.44		P	0.7
5	☐	1.000		687803.40		P	0.4
6	☐	1.000		656140.70		P	0.6
7	☐	1.000		648929.69		P	0.1
8	☐	1.000		651721.77		P	0.8

89 Y (ISTD) [No Gas]

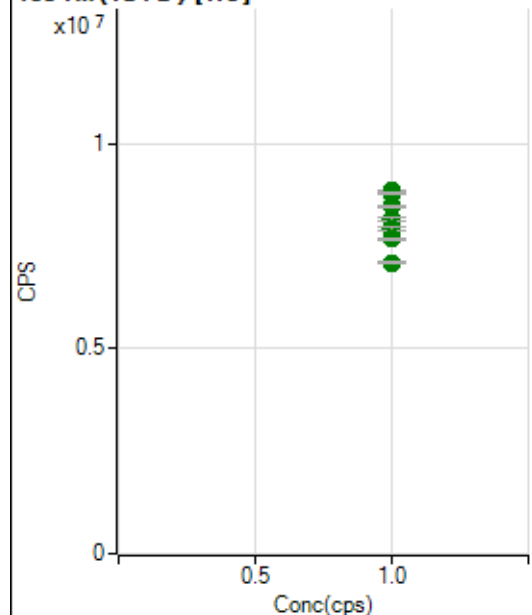
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18186603.34		A	3.0
2	☐	1.000		17933482.10		A	0.6
3	☐	1.000		18425764.31		A	1.4
4	☐	1.000		17703476.96		A	1.3
5	☐	1.000		17246776.69		A	1.5
6	☐	1.000		16720417.67		A	2.1
7	☐	1.000		16980836.83		A	6.5
8	☐	1.000		15675372.41		A	1.6

89 Y(ISTD) [He]

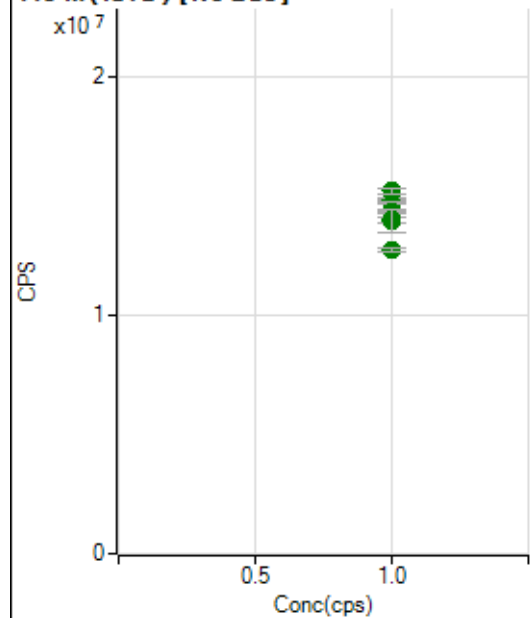
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5075970.03		A	0.2
2	☐	1.000		5014016.90		A	1.1
3	☐	1.000		5043768.05		A	0.3
4	☐	1.000		4847383.33		A	0.9
5	☐	1.000		4745925.10		A	1.5
6	☐	1.000		4607417.88		A	1.1
7	☐	1.000		4542851.08		A	0.4
8	☐	1.000		4472643.89		A	0.6

103 Rh(ISTD) [No Gas]

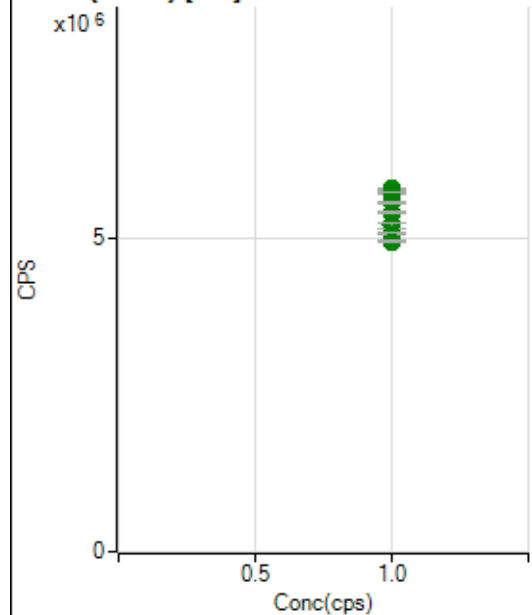
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14689931.17		A	2.9
2	☐	1.000		14527569.78		A	1.4
3	☐	1.000		14672140.48		A	1.6
4	☐	1.000		14037216.18		A	1.7
5	☐	1.000		13617212.58		A	1.0
6	☐	1.000		13104705.36		A	2.1
7	☐	1.000		13142029.39		A	6.9
8	☐	1.000		11469739.41		A	2.0

103 Rh (ISTD) [He]

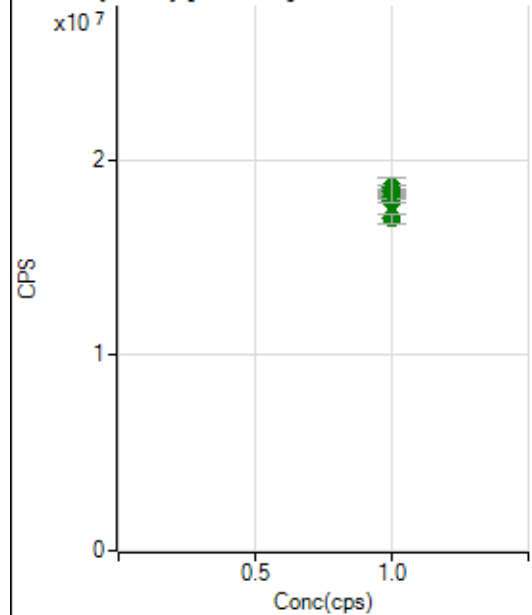
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8855487.78		A	0.6
2	☐	1.000		8810291.82		A	0.6
3	☐	1.000		8780377.58		A	0.6
4	☐	1.000		8479855.15		A	0.5
5	☐	1.000		8177695.08		A	0.9
6	☐	1.000		7924503.22		A	1.2
7	☐	1.000		7694230.93		A	0.6
8	☐	1.000		7098741.91		A	0.6

115 In (ISTD) [No Gas]

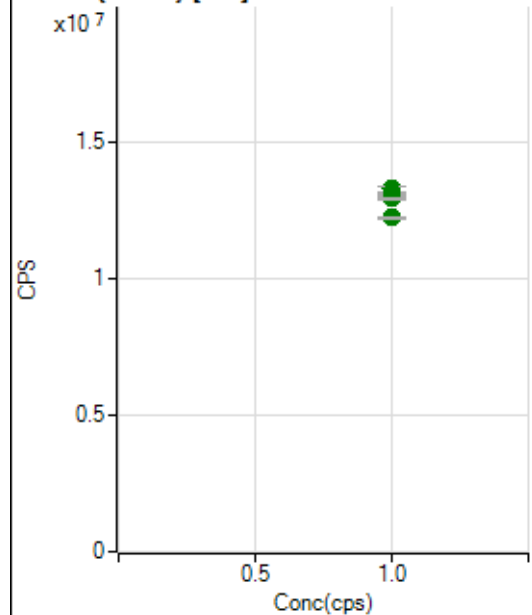
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15105293.64		A	2.8
2	☐	1.000		14864743.88		A	1.0
3	☐	1.000		15233704.98		A	1.7
4	☐	1.000		14734169.82		A	1.0
5	☐	1.000		14336521.38		A	0.8
6	☐	1.000		14028791.81		A	2.0
7	☐	1.000		13992071.95		A	6.8
8	☐	1.000		12746507.13		A	1.7

115 In (ISTD) [He]

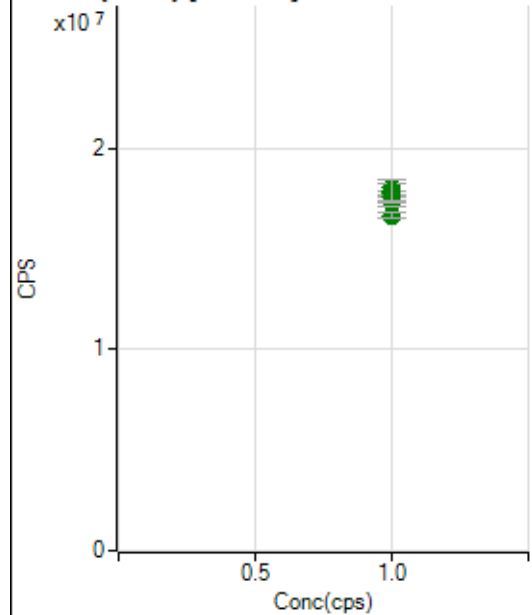
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5804164.31		A	0.8
2	☐	1.000		5746533.67		A	0.7
3	☐	1.000		5755840.65		A	0.1
4	☐	1.000		5585307.65		A	0.8
5	☐	1.000		5425814.76		A	0.9
6	☐	1.000		5215103.70		A	1.7
7	☐	1.000		5086742.50		A	0.5
8	☐	1.000		4967420.54		A	1.0

159 Tb (ISTD) [No Gas]

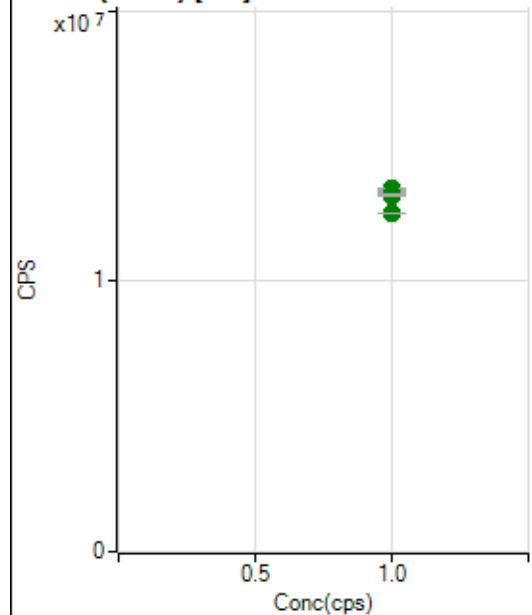
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18393141.53		A	3.7
2	☐	1.000		17879346.40		A	1.3
3	☐	1.000		18560106.53		A	1.7
4	☐	1.000		18386820.00		A	1.2
5	☐	1.000		18049497.37		A	0.4
6	☐	1.000		18087239.03		A	1.2
7	☐	1.000		18444433.89		A	6.9
8	☐	1.000		16977042.66		A	2.5

159 Tb (ISTD) [He]

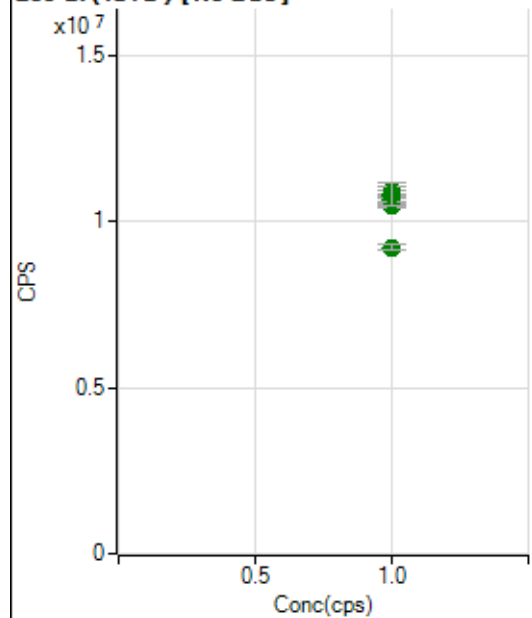
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13027275.78		A	0.3
2	☐	1.000		13147179.53		A	0.4
3	☐	1.000		13290510.64		A	1.5
4	☐	1.000		13167596.47		A	0.6
5	☐	1.000		13047173.14		A	0.9
6	☐	1.000		13047016.75		A	0.8
7	☐	1.000		12930311.33		A	0.3
8	☐	1.000		12249958.01		A	0.5

165 Ho (ISTD) [No Gas]

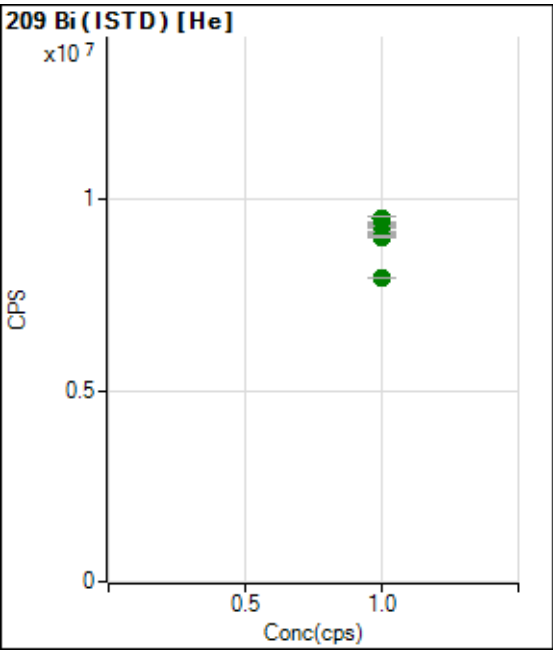
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17670866.82		A	2.8
2	☐	1.000		17278175.58		A	1.5
3	☐	1.000		18038725.57		A	2.1
4	☐	1.000		17783574.04		A	0.6
5	☐	1.000		17593185.15		A	0.2
6	☐	1.000		17581086.68		A	1.5
7	☐	1.000		17872572.65		A	6.4
8	☐	1.000		16678866.56		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13251415.64		A	0.6
2	☐	1.000		13183970.64		A	0.2
3	☐	1.000		13422671.05		A	0.3
4	☐	1.000		13414766.47		A	0.7
5	☐	1.000		13237455.08		A	1.1
6	☐	1.000		13258265.36		A	1.1
7	☐	1.000		13187109.94		A	0.3
8	☐	1.000		12521976.34		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10677582.48		A	2.2
2	☐	1.000		10475664.50		A	1.5
3	☐	1.000		10926965.74		A	2.9
4	☐	1.000		10857439.70		A	1.1
5	☐	1.000		10757584.14		A	1.2
6	☐	1.000		10654668.59		A	1.2
7	☐	1.000		10813547.34		A	6.6
8	☐	1.000		9233202.08		A	2.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9397061.87		A	0.5
2	☐	1.000		9402493.75		A	0.5
3	☐	1.000		9504368.54		A	1.3
4	☐	1.000		9502863.05		A	1.5
5	☐	1.000		9296401.25		A	0.6
6	☐	1.000		9154262.15		A	0.7
7	☐	1.000		9034142.16		A	0.3
8	☐	1.000		7957377.94		A	0.3