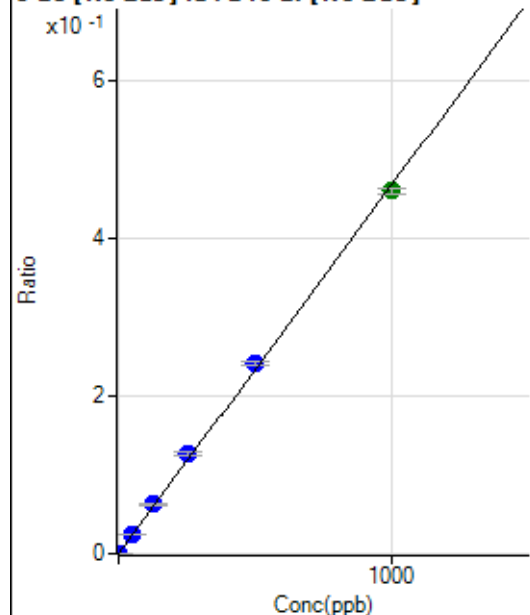


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8010324 MS.b\
 Analysis File: P8010324 MS.batch.bin
 DA Date-Time: 2024-01-03 17:54:42
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-01-03 08:21:45
2	005CALS.d	S02	2024-01-03 08:25:08
3	006CALS.d	S03	2024-01-03 08:28:34
4	007CALS.d	S04	2024-01-03 08:31:51
5	008CALS.d	S05	2024-01-03 08:35:00
6	009CALS.d	S06	2024-01-03 08:38:03
7	010CALS.d	S07	2024-01-03 08:41:06
8	011CALS.d	S08	2024-01-03 08:44:09

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.41	0.0000	P	14.4
2	☐	1.000	0.971	1394.06	0.0005	P	3.9
3	☐	50.000	52.002	71414.23	0.0243	P	1.6
4	☐	125.000	133.063	172896.43	0.0622	P	1.6
5	☐	250.000	270.605	341092.41	0.1264	P	2.6
6	☐	500.000	518.249	611252.13	0.2421	P	2.3
7	☐	1000.000	984.616	1128211.90	0.4599	A	1.8
8	☐			308.72	0.0001	P	25.8

$$y = 4.6702\text{E-}004 * x + 2.6221\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.02422$$

$$BEC = 0.05615$$

Weight: <None>

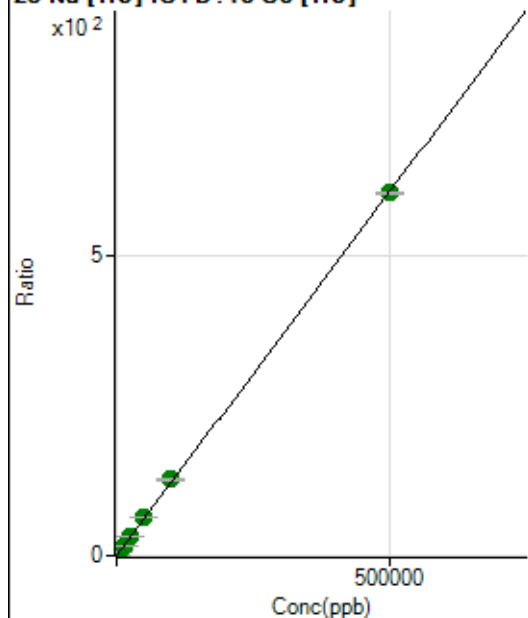
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1999506.74		A	1.0
2	☐			1991864.00		A	1.6
3	☐			2154026.74		A	1.5
4	☐			2403557.60		A	2.1
5	☐			2419938.80		A	2.4
6	☐			2654327.44		A	2.6
7	☐			2659412.41		A	3.7
8	☐			2321183.64		A	4.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27677.21		P	0.9
2	☐			27504.67		P	1.9
3	☐			29875.96		P	0.3
4	☐			33962.54		P	0.6
5	☐			34684.24		P	0.6
6	☐			39012.88		P	1.7
7	☐			40359.68		P	0.9
8	☐			40641.70		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7823.29	0.0406	P	2.2
2	☐	500.000	480.128	119723.16	0.6223	P	0.6
3	☐	5000.000	5249.684	1195989.76	6.4013	A	0.9
4	☐	12500.000	12833.520	2859061.31	15.5902	A	1.5
5	☐	25000.000	26428.127	5514951.79	32.0619	A	2.1
6	☐	50000.000	52253.706	9887882.77	63.3532	A	0.3
7	☐	100000.00	104664.00	18710725.42	126.8555	A	2.7
8	☐	500000.00	498759.60	98711175.20	604.3568	A	0.6

$$y = 0.0012 * x + 0.0406$$

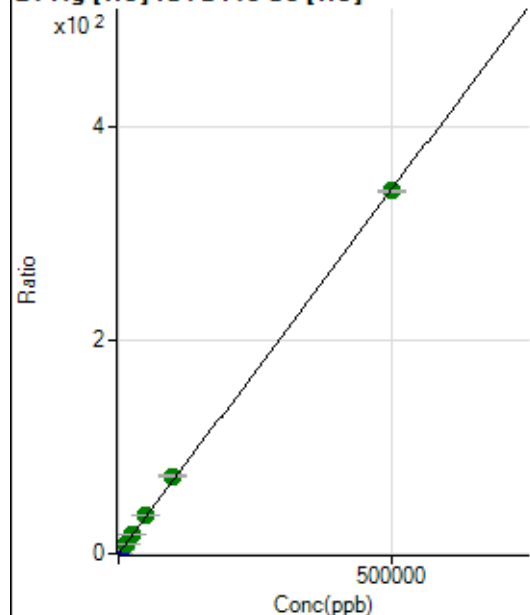
$$R = 0.9999$$

$$DL = 2.179$$

$$BEC = 33.51$$

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	123.34	0.0006	P	16.8
2	☐	500.000	480.423	63190.68	0.3285	P	1.3
3	☐	5000.000	5135.122	654772.51	3.5045	P	0.5
4	☐	12500.000	12852.428	1608108.52	8.7704	A	2.2
5	☐	25000.000	26766.765	3141539.01	18.2647	A	2.7
6	☐	50000.000	52278.587	5567117.35	35.6724	A	1.1
7	☐	100000.00	106686.03	10734369.91	72.7967	A	4.1
8	☐	500000.00	498336.45	55538308.62	340.0353	A	0.4

$$y = 6.8234\text{E-}004 * x + 6.4046\text{E-}004$$

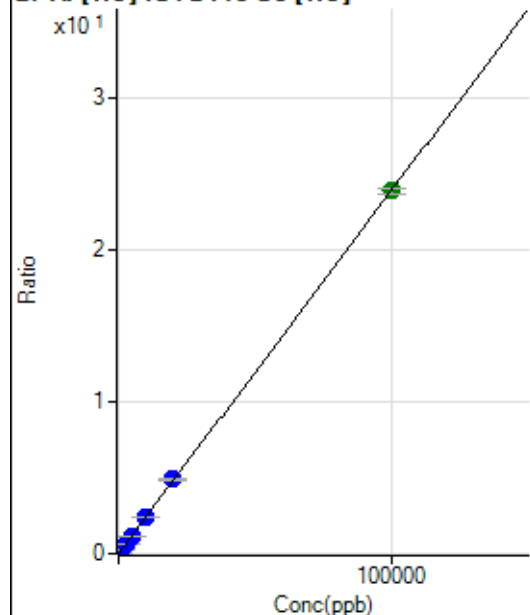
$$R = 0.9999$$

$$DL = 0.4734$$

$$BEC = 0.9386$$

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	75.55	0.0004	P	13.9
2	☐	20.000	19.500	971.15	0.0050	P	8.0
3	☐	1000.000	993.301	44389.83	0.2376	P	2.5
4	☐	2500.000	2547.077	111605.55	0.6086	P	1.1
5	☐	5000.000	4795.082	196978.21	1.1454	P	1.4
6	☐	10000.000	9954.154	371058.61	2.3773	P	0.7
7	☐	20000.000	20526.998	722941.22	4.9020	P	3.3
8	☐	100000.00	99908.321	3897022.68	23.8575	A	1.4

$$y = 2.3879\text{E-}004 * x + 3.9204\text{E-}004$$

$$R = 1.0000$$

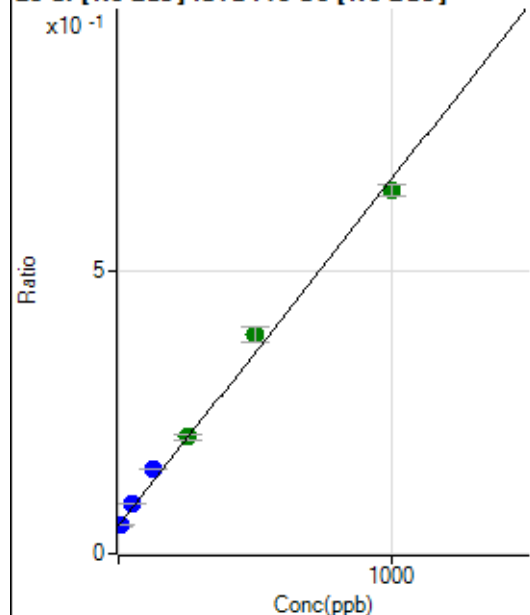
$$DL = 0.6861$$

$$BEC = 1.642$$

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	271085.85	0.0497	P	2.6
2	☐	10.000	4.511	291972.69	0.0524	P	0.5
3	☐	50.000	64.113	500594.15	0.0890	P	2.6
4	☐	125.000	163.115	798723.85	0.1498	P	1.3
5	☐	250.000	255.082	1063564.99	0.2063	A	4.3
6	☐	500.000	554.383	1880726.97	0.3901	A	7.0
7	☐	1000.000	966.123	2945324.64	0.6429	A	3.3
8	☐			826806.38	0.1873	P	9.3

$$y = 6.1406\text{E-}004 * x + 0.0497$$

$$R = 0.9970$$

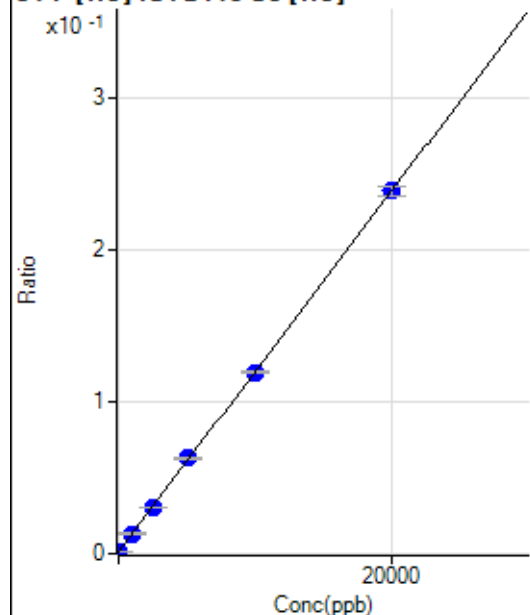
$$DL = 6.376$$

$$BEC = 80.86$$

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	-14.205	243.34	0.0013	P	12.8
2	☐	0.000	14.205	307.78	0.0016	P	7.7
3	☐	1000.000	996.790	2482.46	0.0133	P	4.7
4	☐	2500.000	2459.191	5625.59	0.0307	P	1.5
5	☐	5000.000	5173.338	10829.68	0.0630	P	2.8
6	☐	10000.000	9928.581	18651.01	0.1195	P	1.1
7	☐	20000.000	19997.636	35289.64	0.2393	P	2.7
8	☐			251.11	0.0015	P	13.4

$$y = 1.1893\text{E-}005 * x + 0.0014$$

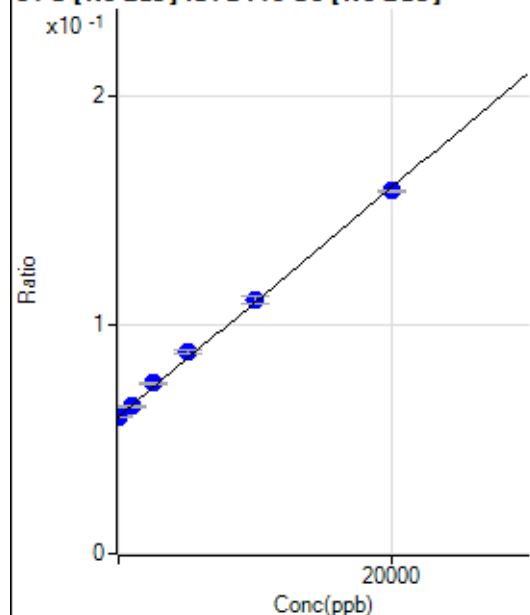
$$R = 0.9999$$

$$DL = 35.94$$

$$BEC = 120.4$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	61.565	328983.42	0.0602	P	1.9
2	☐	0.000	-61.565	332134.99	0.0596	P	0.6
3	☐	1000.000	909.391	362664.86	0.0645	P	1.0
4	☐	2500.000	2891.625	396651.15	0.0744	P	1.0
5	☐	5000.000	5640.784	454657.59	0.0881	P	1.9
6	☐	10000.000	10220.749	536065.68	0.1110	P	3.3
7	☐	20000.000	19685.007	725684.88	0.1584	P	0.5
8	☐			282508.41	0.0640	P	3.3

$$y = 5.0005\text{E-}006 * x + 0.0599$$

$$R = 0.9991$$

$$DL = 443.3$$

$$BEC = 1.199\text{E}+04$$

Weight: <None>

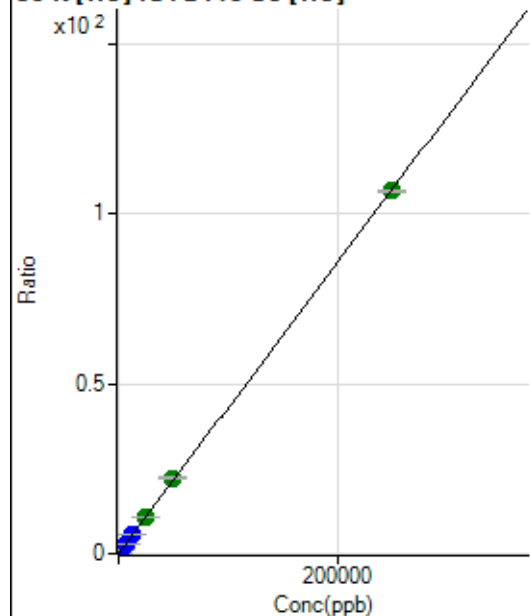
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			86976.66		P	1.0
2	☐			83390.40		P	0.4
3	☐			127391.87		P	0.6
4	☐			537709.32		P	2.8
5	☐			629063.96		P	2.5
6	☐			552148.64		P	2.3
7	☐			596407.60		P	2.8
8	☐			283608.68		P	4.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			631.13		P	4.8
2	☐			638.91		P	4.7
3	☐			940.04		P	3.2
4	☐			3946.13		P	2.8
5	☐			4498.51		P	3.3
6	☐			4139.53		P	1.4
7	☐			4381.81		P	3.5
8	☐			2434.67		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8634.87	0.0448	P	2.3
2	☐	500.000	478.705	48026.20	0.2496	P	0.3
3	☐	2500.000	2526.908	210384.07	1.1260	P	1.1
4	☐	6250.000	6256.435	499114.38	2.7218	P	0.1
5	☐	12500.000	12816.086	950781.19	5.5285	P	0.7
6	☐	25000.000	25508.861	1710345.72	10.9594	A	1.3
7	☐	50000.000	51763.499	3273150.58	22.1932	A	3.1
8	☐	250000.00	249580.22	17449779.88	106.8342	A	0.4

$$y = 4.2788\text{E-}004 * x + 0.0448$$

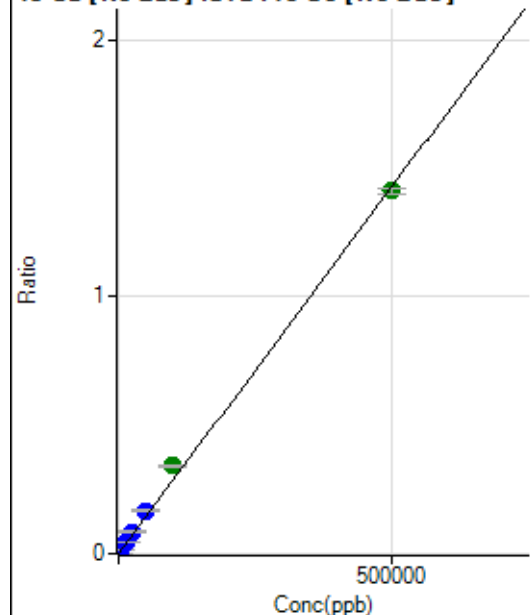
$$R = 1.0000$$

$$DL = 7.188$$

$$BEC = 104.8$$

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	205.56	0.0000	P	4.3
2	☐	500.000	476.333	7779.95	0.0014	P	0.8
3	☐	5000.000	5847.317	94048.42	0.0167	P	0.6
4	☐	12500.000	14767.125	224844.96	0.0422	P	1.4
5	☐	25000.000	30127.611	443591.05	0.0860	P	1.9
6	☐	50000.000	57878.111	797135.89	0.1652	P	4.3
7	☐	100000.00	119726.75	1565545.15	0.3417	A	0.7
8	☐	500000.00	494945.32	6235342.41	1.4123	A	1.3

$$y = 2.8534\text{E-}006 * x + 3.7629\text{E-}005$$

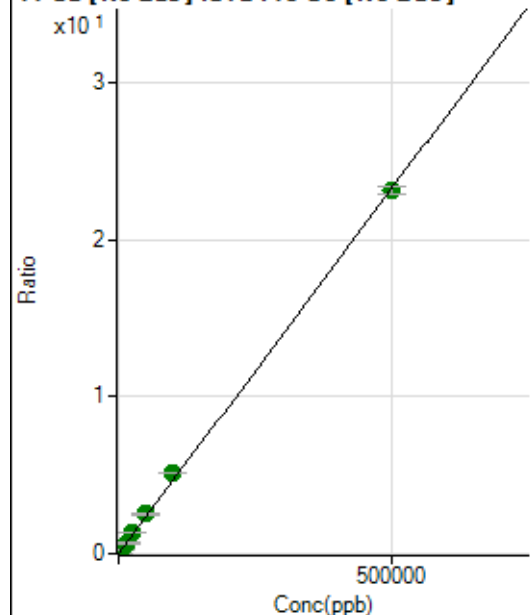
$$R = 0.9991$$

$$DL = 1.683$$

$$BEC = 13.19$$

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	29868.32	0.0055	P	1.9
2	☐	500.000	479.682	154472.09	0.0277	P	1.5
3	☐	5000.000	5684.204	1514335.39	0.2693	A	2.6
4	☐	12500.000	14225.636	3549280.95	0.6658	A	2.5
5	☐	25000.000	28546.639	6863202.74	1.3305	A	1.8
6	☐	50000.000	54406.890	12215785.93	2.5308	A	3.6
7	☐	100000.00	110884.75	23606488.82	5.1523	A	1.5
8	☐	500000.00	497155.06	101899216.2	23.0813	A	2.2

$$y = 4.6416\text{E-}005 * x + 0.0055$$

$$R = 0.9997$$

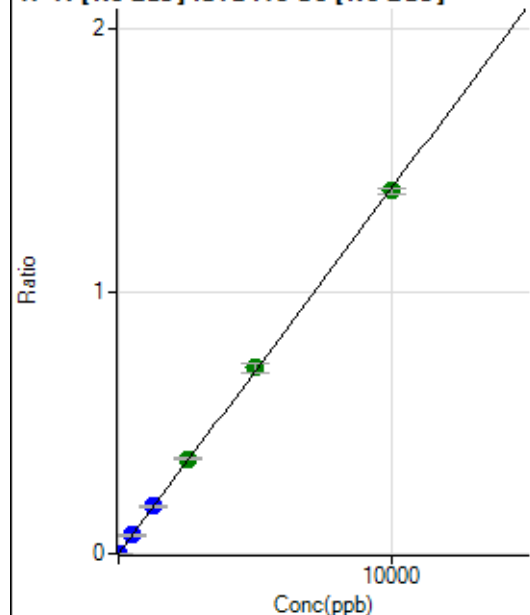
$$DL = 6.818$$

$$BEC = 117.8$$

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	133.34	0.0000	P	8.6
2	☐	5.000	4.967	3992.82	0.0007	P	1.9
3	☐	500.000	501.376	393217.32	0.0699	P	1.0
4	☐	1250.000	1294.546	962277.04	0.1805	P	1.2
5	☐	2500.000	2591.887	1863714.69	0.3614	A	2.3
6	☐	5000.000	5080.437	3417932.21	0.7083	A	4.3
7	☐	10000.000	9931.173	6343896.43	1.3845	A	1.3
8	☐			1684.60	0.0004	P	15.5

$$y = 1.3941\text{E-}004 * x + 2.4441\text{E-}005$$

$$R = 0.9999$$

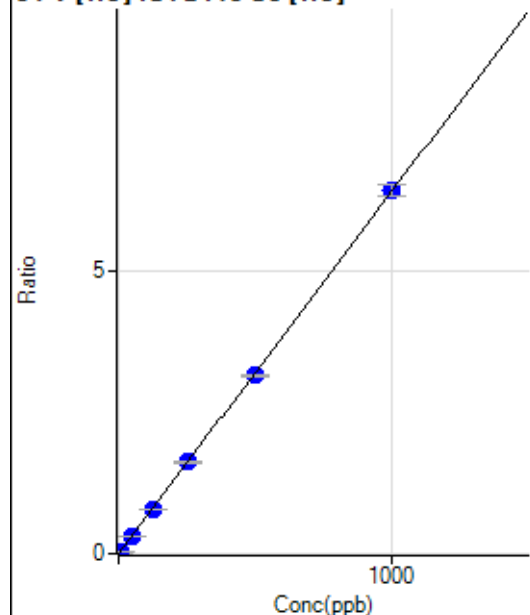
$$DL = 0.04539$$

$$BEC = 0.1753$$

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	17.78	0.0001	P	21.4
2	☐	5.000	4.840	5991.31	0.0311	P	3.5
3	☐	50.000	49.912	59858.95	0.3204	P	1.2
4	☐	125.000	122.984	144737.91	0.7893	P	0.5
5	☐	250.000	253.822	280136.51	1.6289	P	1.2
6	☐	500.000	492.358	493105.61	3.1597	P	1.1
7	☐	1000.000	1003.123	949378.55	6.4374	P	3.3
8	☐			387.79	0.0024	P	15.4

$$y = 0.0064 * x + 9.2222\text{E-}005$$

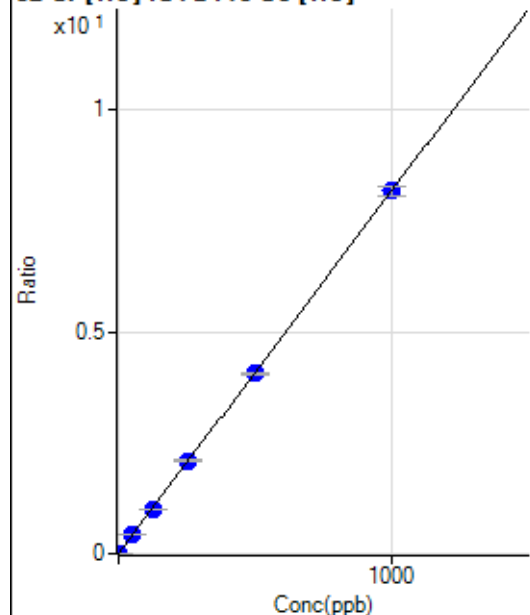
$$R = 0.9999$$

$$DL = 0.009214$$

$$BEC = 0.01437$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	831.15	0.0043	P	3.4
2	☐	2.000	1.918	3846.12	0.0200	P	8.1
3	☐	50.000	50.267	77609.30	0.4154	P	1.1
4	☐	125.000	123.548	186063.73	1.0147	P	0.6
5	☐	250.000	255.124	359549.92	2.0907	P	1.4
6	☐	500.000	497.081	635077.15	4.0694	P	0.9
7	☐	1000.000	1000.347	1207257.11	8.1850	P	2.6
8	☐			8946.22	0.0548	P	2.3

$$y = 0.0082 * x + 0.0043$$

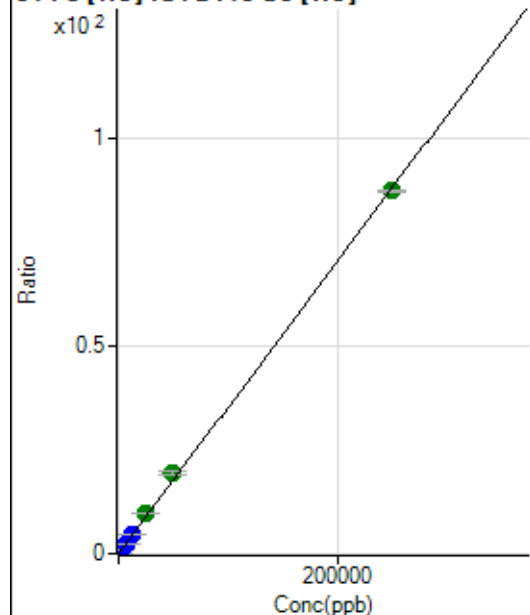
$$R = 1.0000$$

$$DL = 0.05341$$

$$BEC = 0.5275$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.90	0.0016	P	4.3
2	☐	50.000	49.158	3628.27	0.0189	P	2.3
3	☐	2500.000	2696.697	177190.03	0.9484	P	0.6
4	☐	6250.000	6584.010	424159.89	2.3131	P	0.5
5	☐	12500.000	13672.778	825848.22	4.8018	P	1.4
6	☐	25000.000	27394.145	1501224.87	9.6192	A	0.6
7	☐	50000.000	55433.156	2870121.73	19.4631	A	3.8
8	☐	250000.00	248604.99	14255813.82	87.2820	A	0.3

$$y = 3.5108E-004 * x + 0.0016$$

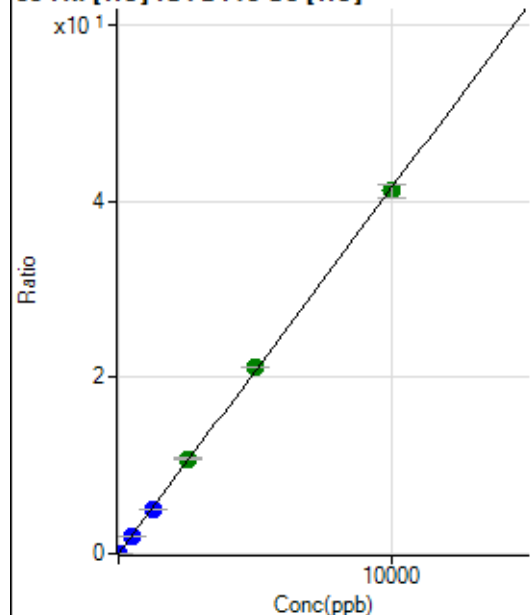
$$R = 0.9997$$

$$DL = 0.5832$$

$$BEC = 4.566$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0004	P	24.2
2	☐	1.000	0.939	834.48	0.0043	P	10.4
3	☐	500.000	494.937	383260.29	2.0513	P	1.2
4	☐	1250.000	1220.447	927380.76	5.0575	P	0.8
5	☐	2500.000	2599.291	1852366.36	10.7708	A	1.7
6	☐	5000.000	5106.456	3302404.08	21.1594	A	0.4
7	☐	10000.000	9925.897	6065369.98	41.1291	A	3.8
8	☐			5522.25	0.0338	P	7.2

$$y = 0.0041 * x + 4.4997E-004$$

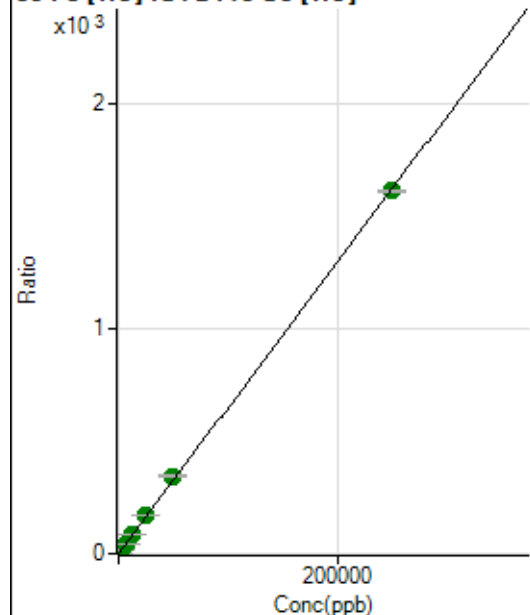
$$R = 0.9998$$

$$DL = 0.07881$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1845.70	0.0096	P	3.7
2	☐	50.000	50.243	64333.28	0.3344	P	1.1
3	☐	2500.000	2676.697	3234880.44	17.3150	A	2.4
4	☐	6250.000	6552.067	7769215.03	42.3702	A	1.5
5	☐	12500.000	13345.027	14840157.56	86.2882	A	1.7
6	☐	25000.000	26321.891	26560215.99	170.1865	A	0.6
7	☐	50000.000	53294.484	50823177.02	344.5703	A	2.6
8	☐	250000.00	249157.34	263099751.6	1,610.867	A	0.7

$$y = 0.0065 * x + 0.0096$$

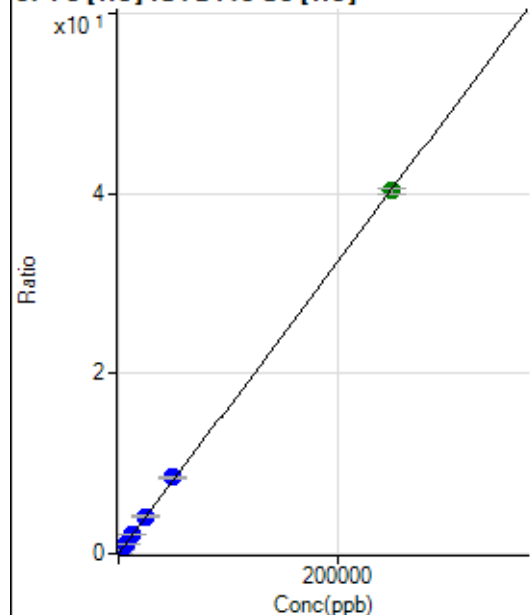
$$R = 0.9999$$

$$DL = 0.1628$$

$$BEC = 1.482$$

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	108.89	0.0006	P	26.2
2	☐	50.000	49.657	1651.22	0.0086	P	1.6
3	☐	2500.000	2611.843	78902.40	0.4223	P	1.9
4	☐	6250.000	6417.935	190136.63	1.0369	P	1.4
5	☐	12500.000	13256.811	368233.91	2.1413	P	1.9
6	☐	25000.000	25770.114	649565.58	4.1619	P	0.6
7	☐	50000.000	52489.683	1250255.62	8.4766	P	2.7
8	☐	250000.00	249381.89	6578272.89	40.2708	A	1.7

$$y = 1.6148\text{E-}004 * x + 5.6531\text{E-}004$$

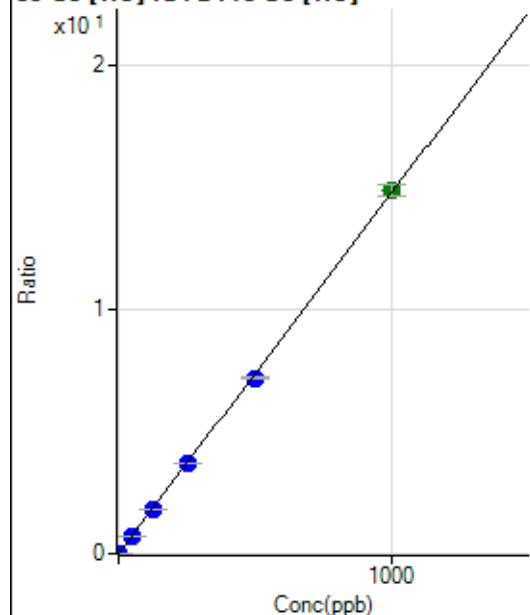
$$R = 0.9999$$

$$DL = 2.755$$

$$BEC = 3.501$$

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	84.45	0.0004	P	18.4
2	☐	1.000	0.996	2911.44	0.0151	P	3.7
3	☐	50.000	49.633	136965.54	0.7331	P	0.7
4	☐	125.000	121.880	329981.01	1.7995	P	0.7
5	☐	250.000	251.884	639523.85	3.7185	P	1.0
6	☐	500.000	487.112	1122186.58	7.1908	P	1.0
7	☐	1000.000	1006.381	2191078.34	14.8558	A	3.0
8	☐			5970.21	0.0366	P	2.8

$$y = 0.0148 * x + 4.3816\text{E-}004$$

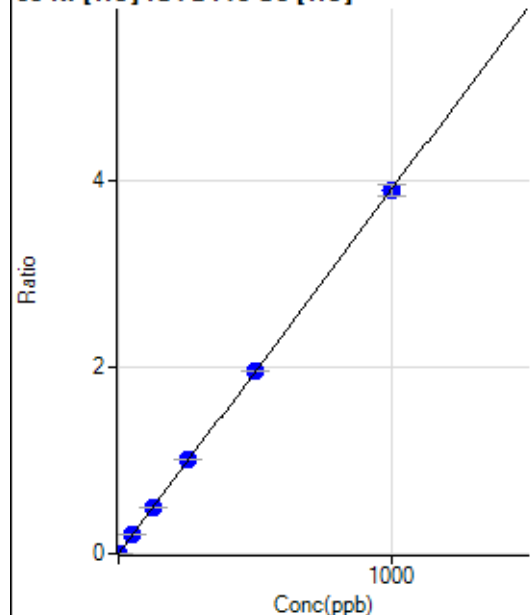
$$R = 0.9999$$

$$DL = 0.01642$$

$$BEC = 0.02968$$

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	80.00	0.0004	P	7.1
2	☐	1.000	0.949	792.25	0.0041	P	7.5
3	☐	50.000	51.575	37696.61	0.2018	P	0.9
4	☐	125.000	127.138	91094.71	0.4968	P	0.2
5	☐	250.000	258.645	173727.47	1.0102	P	1.3
6	☐	500.000	502.229	306078.08	1.9611	P	0.8
7	☐	1000.000	996.378	573765.24	3.8903	P	3.0
8	☐			3029.24	0.0185	P	6.7

$$y = 0.0039 * x + 4.1520E-004$$

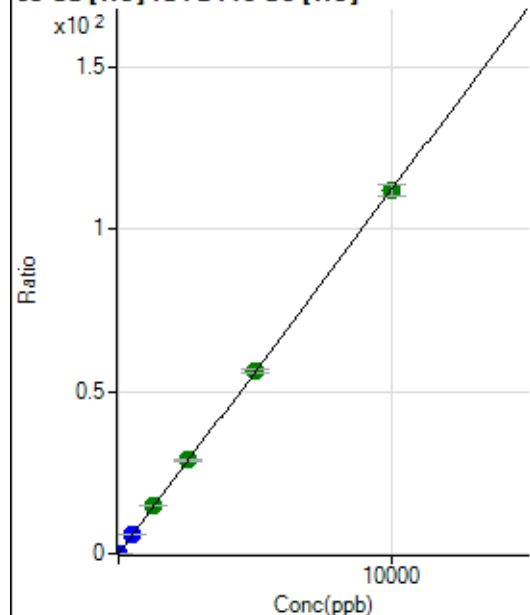
$$R = 1.0000$$

$$DL = 0.02281$$

$$BEC = 0.1064$$

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	1170.06	0.0061	P	5.0
2	☐	2.000	1.877	5219.90	0.0271	P	3.4
3	☐	500.000	507.534	1065003.65	5.7001	P	0.8
4	☐	1250.000	1301.081	2677899.91	14.6030	A	0.5
5	☐	2500.000	2570.992	4961409.20	28.8503	A	2.9
6	☐	5000.000	5011.311	8775306.61	56.2285	A	2.0
7	☐	10000.000	9969.834	16498354.34	111.8586	A	3.0
8	☐			6486.00	0.0397	P	6.9

$$y = 0.0112 * x + 0.0061$$

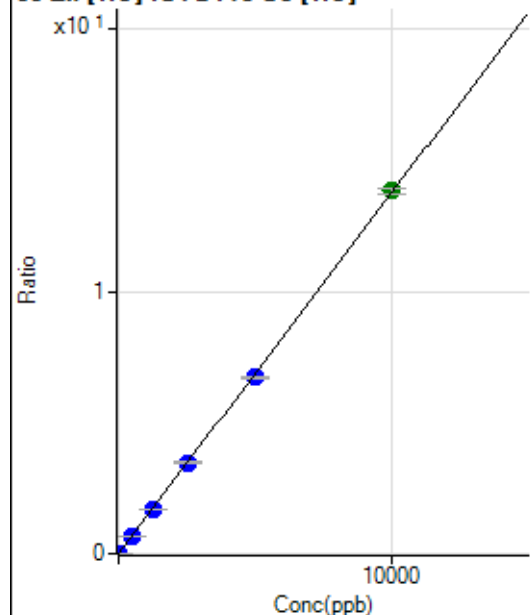
$$R = 1.0000$$

$$DL = 0.08043$$

$$BEC = 0.5413$$

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	240.00	0.0012	P	2.0
2	☐	5.000	5.409	1670.12	0.0087	P	4.1
3	☐	500.000	497.374	128007.79	0.6852	P	1.1
4	☐	1250.000	1234.256	311434.31	1.6984	P	1.0
5	☐	2500.000	2516.980	595414.24	3.4622	P	1.3
6	☐	5000.000	4883.825	1048246.45	6.7167	P	0.5
7	☐	10000.000	10055.941	2040181.69	13.8285	A	1.6
8	☐			6102.47	0.0374	P	3.0

$$y = 0.0014 * x + 0.0012$$

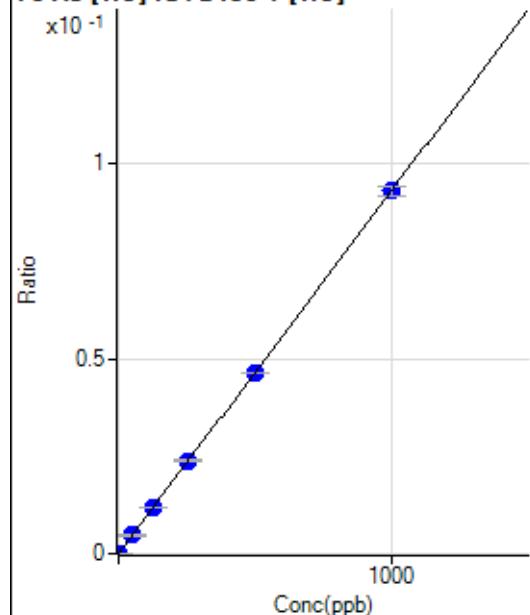
$$R = 0.9999$$

$$DL = 0.05355$$

$$BEC = 0.9059$$

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	2.22	0.0000	P	86.6
2	☐	1.000	1.043	148.89	0.0001	P	3.1
3	☐	50.000	50.701	6954.00	0.0047	P	3.3
4	☐	125.000	124.951	16737.82	0.0116	P	0.4
5	☐	250.000	256.266	31890.61	0.0239	P	1.4
6	☐	500.000	497.100	56192.64	0.0463	P	0.6
7	☐	1000.000	999.855	106805.77	0.0931	P	3.0
8	☐			74.45	0.0001	P	7.7

$$y = 9.3083E-005 * x + 1.4576E-006$$

$$R = 1.0000$$

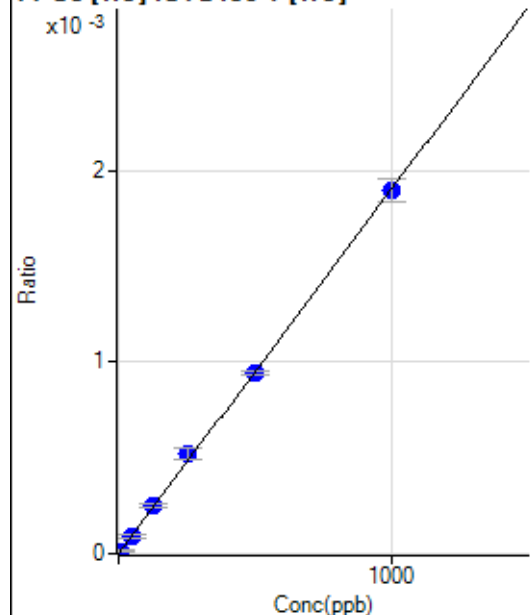
$$DL = 0.04068$$

$$BEC = 0.01566$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.693	22.22	0.0000	P	46.9
3	☐	50.000	46.727	131.11	0.0001	P	15.0
4	☐	125.000	130.892	357.79	0.0002	P	10.4
5	☐	250.000	274.957	697.80	0.0005	P	10.3
6	☐	500.000	495.069	1142.28	0.0009	P	2.1
7	☐	1000.000	995.640	2169.08	0.0019	P	6.2
8	☐			11.11	0.0000	P	61.5

$$y = 1.8999\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

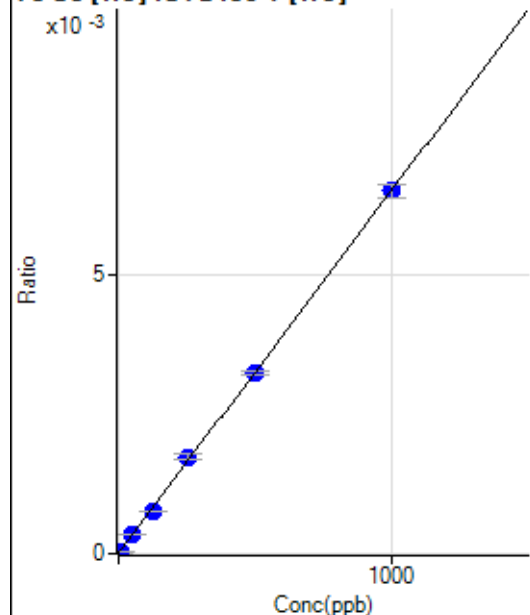
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	49.8
2	☐	5.000	5.554	67.78	0.0000	P	22.0
3	☐	50.000	49.645	490.01	0.0003	P	1.0
4	☐	125.000	116.138	1102.28	0.0008	P	2.0
5	☐	250.000	265.416	2325.77	0.0017	P	6.9
6	☐	500.000	496.131	3938.37	0.0032	P	2.6
7	☐	1000.000	999.203	7484.28	0.0065	P	4.0
8	☐			75.56	0.0001	P	35.0

$$y = 6.5201\text{E-}006 * x + 8.7944\text{E-}006$$

$$R = 0.9998$$

$$DL = 2.013$$

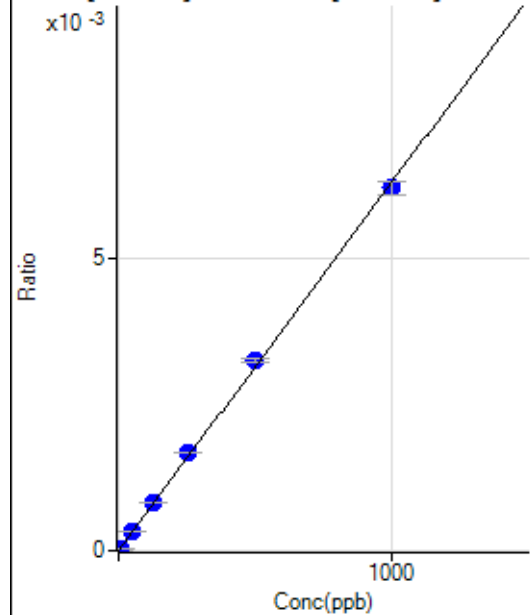
$$BEC = 1.349$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2651.39		P	3.9
2	☐			2763.64		P	1.1
3	☐			2522.47		P	3.2
4	☐			2216.87		P	1.4
5	☐			2220.20		P	1.2
6	☐			1993.50		P	2.6
7	☐			1905.70		P	3.1
8	☐			5980.26		P	21.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-40.01	0.0000	P	-51.
2	☐	5.000	5.503	446.68	0.0000	P	13.8
3	☐	50.000	53.211	4723.14	0.0003	P	1.3
4	☐	125.000	131.842	11383.80	0.0008	P	1.7
5	☐	250.000	266.331	22617.56	0.0017	P	0.7
6	☐	500.000	517.506	40784.28	0.0033	P	2.2
7	☐	1000.000	986.146	75630.56	0.0062	P	3.8
8	☐			385.57	0.0000	P	13.2

$$y = 6.3081E-006 * x - 2.7939E-006$$

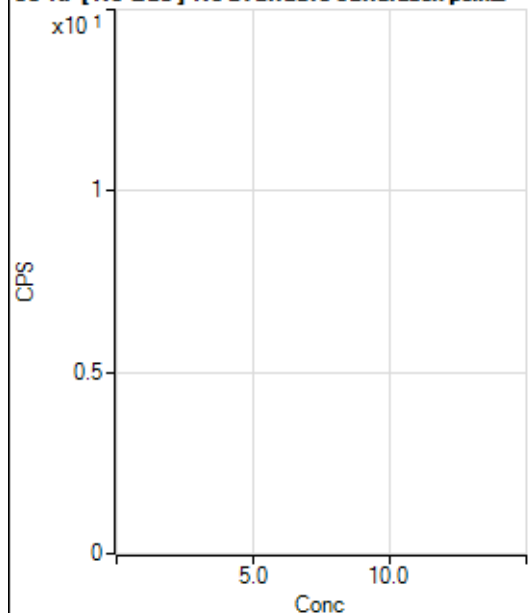
$$R = 0.9996$$

$$DL = 0.6783$$

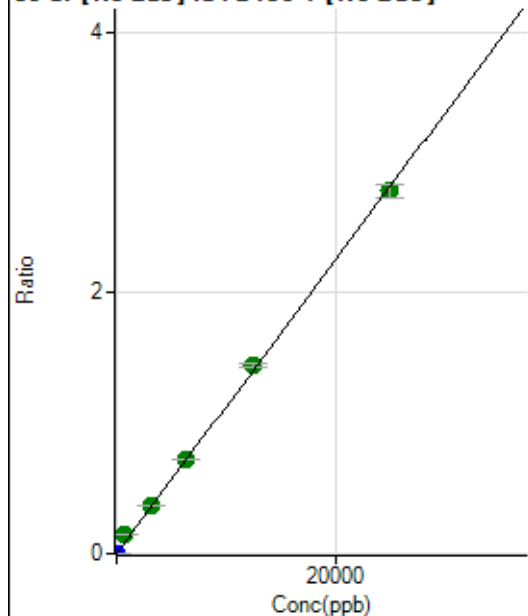
$$BEC = -0.4429$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			220.01		P	2.6
2	☐			221.12		P	13.9
3	☐			224.45		P	2.3
4	☐			217.78		P	20.0
5	☐			210.00		P	16.6
6	☐			178.89		P	12.4
7	☐			182.23		P	11.9
8	☐			194.45		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	480.01	0.0000	P	3.9
2	☐	1.000	0.910	1903.48	0.0001	P	3.3
3	☐	625.000	1298.075	2070985.25	0.1460	A	2.5
4	☐	3125.000	3235.288	4996512.08	0.3638	A	1.1
5	☐	6250.000	6444.624	9771305.76	0.7246	A	0.2
6	☐	12500.000	12839.556	18053996.26	1.4436	A	1.5
7	☐	25000.000	24750.953	33848290.88	2.7828	A	3.7
8	☐			7701.22	0.0007	P	26.4

$$y = 1.1243E-004 * x + 3.3661E-005$$

$$R = 0.9996$$

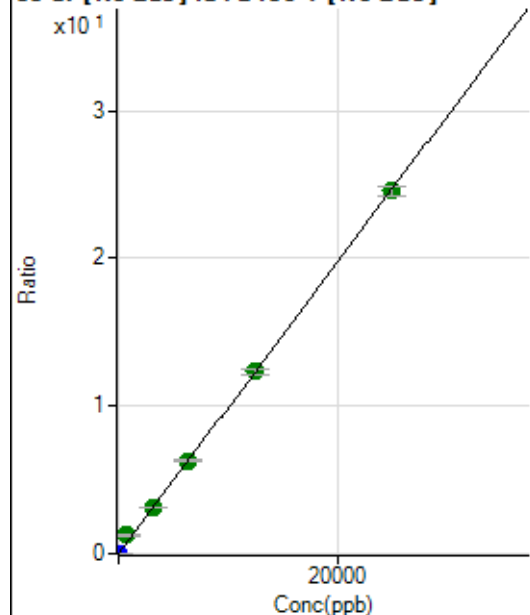
$$DL = 0.03489$$

$$BEC = 0.2994$$

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	772.25	0.0001	P	23.2
2	☐	1.000	0.988	14386.43	0.0010	P	2.5
3	☐	625.000	1260.727	17624837.24	1.2420	A	1.1
4	☐	3125.000	3185.773	43106274.91	3.1384	A	0.3
5	☐	6250.000	6397.716	84991752.62	6.3025	A	0.8
6	☐	12500.000	12518.749	154199182.1	12.3324	A	2.7
7	☐	25000.000	24930.207	298784088.8	24.5591	A	2.6
8	☐			64209.04	0.0055	P	23.8

$$y = 9.8511E-004 * x + 5.4285E-005$$

$$R = 0.9997$$

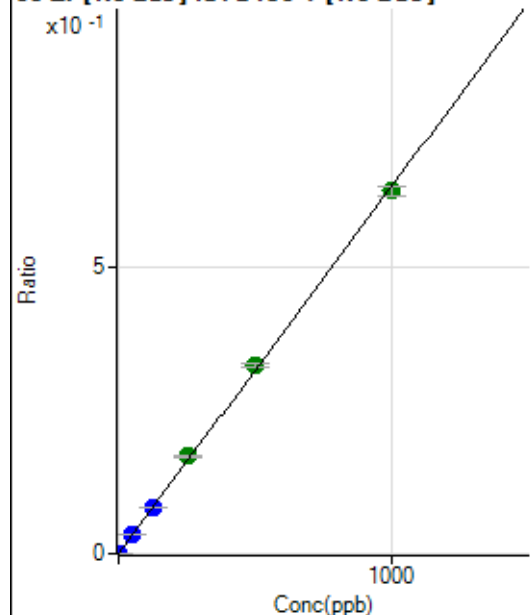
$$DL = 0.0383$$

$$BEC = 0.05511$$

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	536.68	0.0000	P	2.3
2	☐	1.000	0.945	9024.12	0.0006	P	2.4
3	☐	50.000	50.255	458488.71	0.0323	P	1.8
4	☐	125.000	126.578	1117053.89	0.0813	P	0.8
5	☐	250.000	266.793	2311117.61	0.1714	A	1.8
6	☐	500.000	514.353	4131840.77	0.3304	A	1.8
7	☐	1000.000	988.416	7723339.12	0.6348	A	2.8
8	☐			4171.80	0.0004	P	12.0

$$y = 6.4225E-004 * x + 3.7623E-005$$

$$R = 0.9997$$

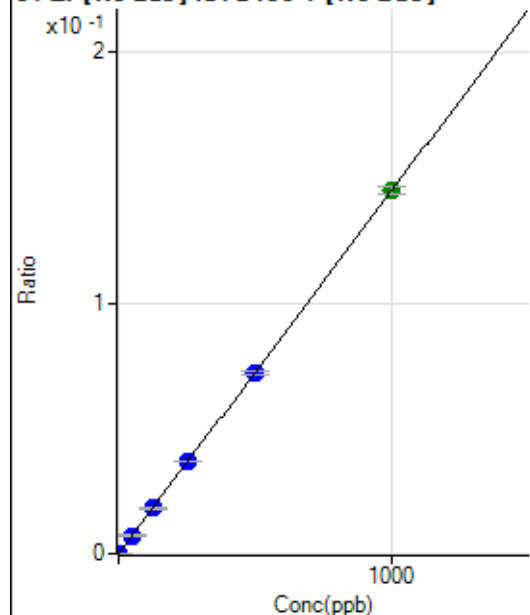
$$DL = 0.004093$$

$$BEC = 0.05858$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	78.89	0.0000	P	29.9
2	☐	1.000	0.948	1999.06	0.0001	P	9.9
3	☐	50.000	50.006	102718.38	0.0072	P	2.4
4	☐	125.000	124.980	248419.65	0.0181	P	1.4
5	☐	250.000	256.230	499978.43	0.0371	P	0.4
6	☐	500.000	496.706	898610.07	0.0719	P	2.4
7	☐	1000.000	1000.092	1760505.51	0.1447	A	2.3
8	☐			940.04	0.0001	P	15.5

$$y = 1.4468\text{E-}004 * x + 5.5494\text{E-}006$$

$$R = 1.0000$$

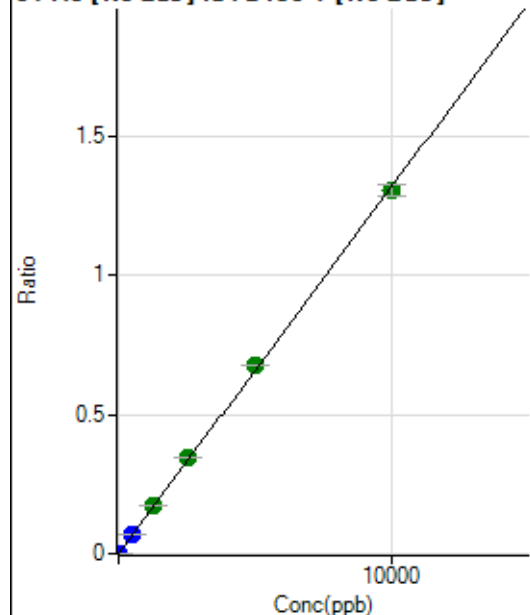
$$DL = 0.03446$$

$$BEC = 0.03836$$

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	163.33	0.0000	P	5.4
2	☐	5.000	5.719	10733.12	0.0008	P	2.0
3	☐	500.000	509.672	954730.67	0.0673	P	1.8
4	☐	1250.000	1299.160	2355535.52	0.1715	A	1.0
5	☐	2500.000	2633.097	4687325.52	0.3476	A	0.3
6	☐	5000.000	5139.377	8486043.28	0.6784	A	0.8
7	☐	10000.000	9890.408	15882472.12	1.3056	A	3.0
8	☐			5281.23	0.0005	P	13.1

$$y = 1.3200\text{E-}004 * x + 1.1444\text{E-}005$$

$$R = 0.9997$$

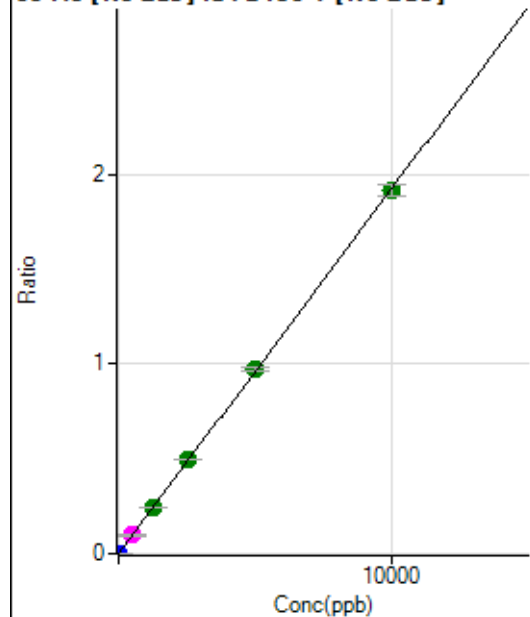
$$DL = 0.01403$$

$$BEC = 0.0867$$

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	36.67	0.0000	P	10.7
2	☐	5.000	4.775	12883.85	0.0009	P	2.9
3	☐	500.000	504.168	1374432.86	0.0969	M	2.8
4	☐	1250.000	1269.982	3351913.66	0.2440	A	0.4
5	☐	2500.000	2584.258	6696444.35	0.4966	A	1.7
6	☐	5000.000	5057.504	12151597.73	0.9718	A	2.4
7	☐	10000.000	9947.478	23252393.54	1.9115	A	3.2
8	☐			6405.27	0.0005	P	22.5

$$y = 1.9216E-004 * x + 2.5736E-006$$

$$R = 0.9999$$

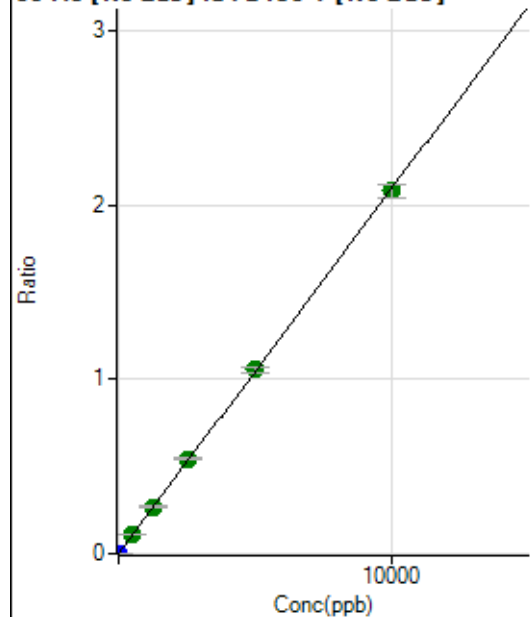
$$DL = 0.0043$$

$$BEC = 0.01339$$

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	130.00	0.0000	P	3.9
2	☐	5.000	4.840	14306.36	0.0010	P	2.8
3	☐	500.000	511.775	1519621.70	0.1071	A	1.2
4	☐	1250.000	1286.569	3697745.05	0.2692	A	0.7
5	☐	2500.000	2597.770	7329768.92	0.5436	A	2.2
6	☐	5000.000	5055.831	13225658.27	1.0579	A	3.1
7	☐	10000.000	9942.482	25304820.18	2.0804	A	3.9
8	☐			7895.01	0.0007	P	12.1

$$y = 2.0924E-004 * x + 9.1142E-006$$

$$R = 0.9999$$

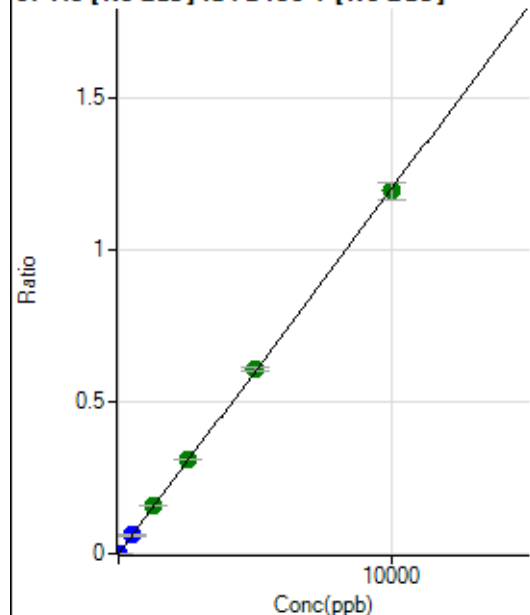
$$DL = 0.005061$$

$$BEC = 0.04356$$

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	18.89	0.0000	P	100.
2	☐	5.000	4.768	8047.95	0.0006	P	2.1
3	☐	500.000	501.062	854988.30	0.0603	P	2.1
4	☐	1250.000	1311.386	2166180.46	0.1577	A	0.6
5	☐	2500.000	2592.409	4204291.60	0.3118	A	1.0
6	☐	5000.000	5044.531	7586362.66	0.6067	A	2.1
7	☐	10000.000	9946.906	14548069.37	1.1963	A	4.8
8	☐			3874.00	0.0003	P	13.6

$$y = 1.2027\text{E-}004 * x + 1.3136\text{E-}006$$

$$R = 0.9999$$

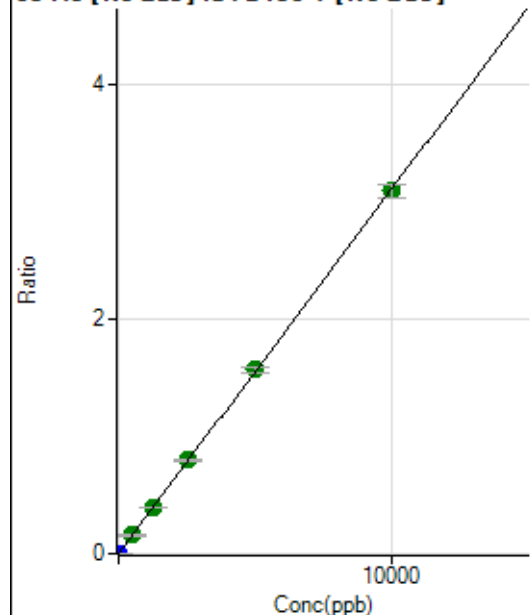
$$DL = 0.03277$$

$$BEC = 0.01092$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	21.9
2	☐	5.000	4.793	20959.35	0.0015	P	0.8
3	☐	500.000	508.354	2244138.01	0.1582	A	4.5
4	☐	1250.000	1272.768	5441021.59	0.3961	A	0.7
5	☐	2500.000	2568.645	10781006.51	0.7995	A	1.9
6	☐	5000.000	5044.415	19628645.68	1.5700	A	2.9
7	☐	10000.000	9957.368	37698127.49	3.0991	A	3.4
8	☐			9810.92	0.0008	P	17.5

$$y = 3.1124\text{E-}004 * x + 5.0535\text{E-}006$$

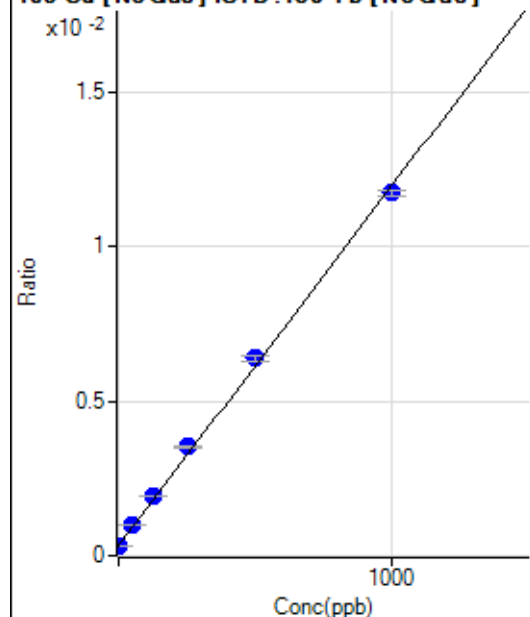
$$R = 1.0000$$

$$DL = 0.01068$$

$$BEC = 0.01624$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3688.32	0.0003	P	0.1
2	☐	1.000	1.174	3992.84	0.0003	P	2.7
3	☐	50.000	56.050	11315.86	0.0010	P	1.2
4	☐	125.000	137.148	21767.27	0.0019	P	1.1
5	☐	250.000	275.620	39864.22	0.0035	P	1.4
6	☐	500.000	520.838	69442.69	0.0064	P	2.8
7	☐	1000.000	981.355	127178.62	0.0117	P	1.7
8	☐			3202.63	0.0003	P	2.9

$$y = 1.1642\text{E-}005 * x + 3.2415\text{E-}004$$

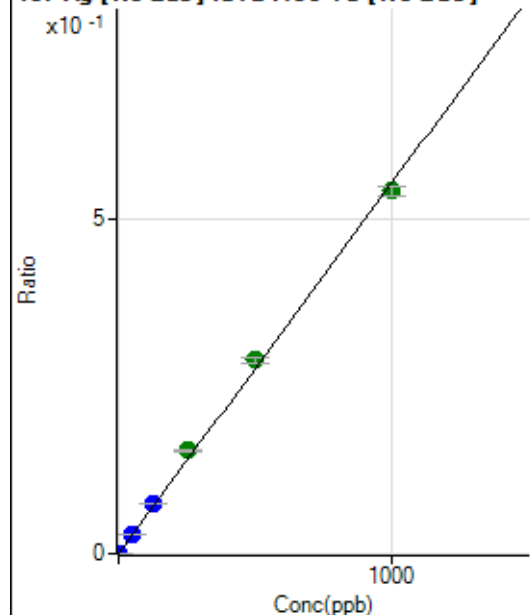
$$R = 0.9993$$

$$DL = 0.0951$$

$$BEC = 27.84$$

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	114.45	0.0000	P	7.1
2	☐	1.000	0.972	6489.38	0.0005	P	0.3
3	☐	50.000	54.142	347937.85	0.0300	P	0.6
4	☐	125.000	134.970	848239.14	0.0749	P	1.3
5	☐	250.000	278.224	1741082.49	0.1543	A	0.7
6	☐	500.000	523.738	3157286.17	0.2904	A	2.7
7	☐	1000.000	979.622	5879940.74	0.5432	A	2.3
8	☐			1712.94	0.0002	P	79.8

$$y = 5.5453\text{E-}004 * x + 1.0059\text{E-}005$$

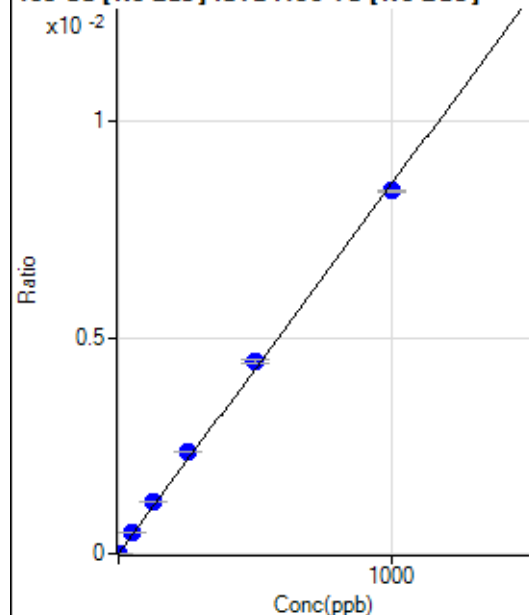
$$R = 0.9991$$

$$DL = 0.003887$$

$$BEC = 0.01814$$

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	13.33	0.0000	P	26.2
2	☐	1.000	1.093	124.45	0.0000	P	11.1
3	☐	50.000	55.766	5538.95	0.0005	P	2.2
4	☐	125.000	138.969	13483.35	0.0012	P	0.5
5	☐	250.000	275.708	26622.39	0.0024	P	1.3
6	☐	500.000	519.228	48296.57	0.0044	P	2.1
7	☐	1000.000	981.925	90931.12	0.0084	P	0.7
8	☐			114.45	0.0000	P	5.7

$$y = 8.5533\text{E-}006 * x + 1.1752\text{E-}006$$

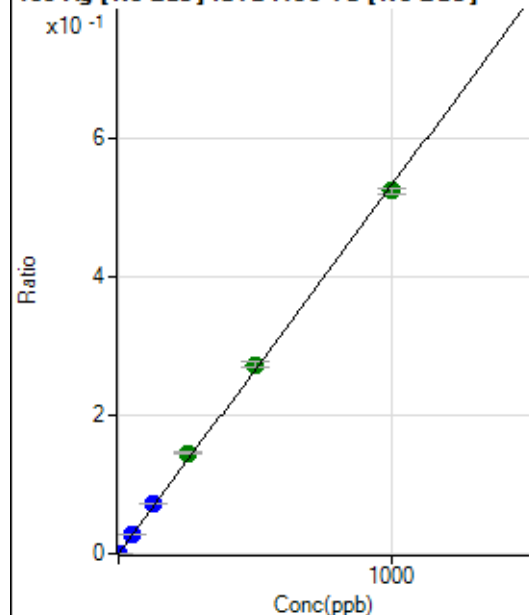
$$R = 0.9993$$

$$DL = 0.1081$$

$$BEC = 0.1374$$

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	70.00	0.0000	P	23.3
2	☐	1.000	0.981	6244.81	0.0005	P	5.4
3	☐	50.000	53.864	332485.17	0.0287	P	1.4
4	☐	125.000	135.961	820751.24	0.0724	P	1.6
5	☐	250.000	273.356	1642981.92	0.1456	A	2.2
6	☐	500.000	514.043	2976853.12	0.2738	A	2.8
7	☐	1000.000	985.576	5683929.64	0.5250	A	1.9
8	☐			776.69	0.0001	P	9.9

$$y = 5.3269\text{E-}004 * x + 6.1320\text{E-}006$$

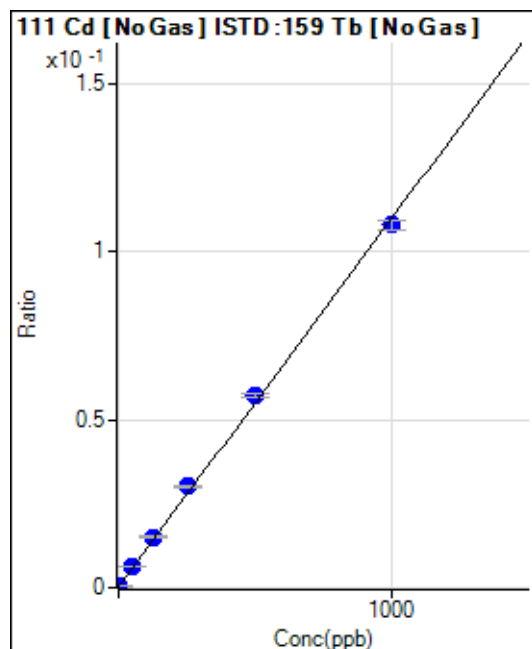
$$R = 0.9995$$

$$DL = 0.008057$$

$$BEC = 0.01151$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2585.82	0.0002	P	0.3
2	☐	1.000	1.041	4036.85	0.0003	P	2.4
3	☐	50.000	55.063	72631.60	0.0063	P	0.9
4	☐	125.000	136.191	171913.19	0.0152	P	1.5
5	☐	250.000	272.587	340057.24	0.0301	P	1.3
6	☐	500.000	519.189	621817.67	0.0572	P	2.3
7	☐	1000.000	983.107	1170071.07	0.1081	P	2.4
8	☐			3007.32	0.0003	P	1.7

$$y = 1.0973\text{E-}004 * x + 2.2726\text{E-}004$$

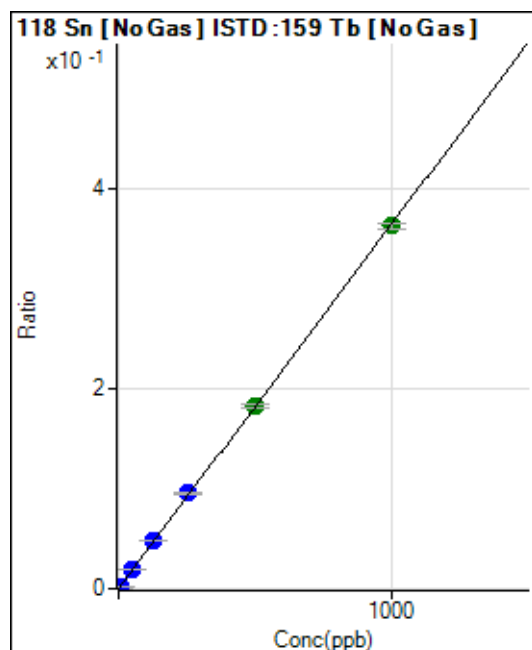
$$R = 0.9994$$

$$DL = 0.02174$$

$$BEC = 2.071$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	984.49	0.0001	P	53.7
2	☐	5.000	4.695	21272.18	0.0018	P	1.4
3	☐	50.000	51.394	218320.75	0.0188	P	1.1
4	☐	125.000	130.486	540694.74	0.0477	P	1.0
5	☐	250.000	261.366	1077418.08	0.0955	P	1.5
6	☐	500.000	501.509	1991352.89	0.1831	A	1.6
7	☐	1000.000	995.650	3934785.01	0.3635	A	1.6
8	☐			3398.25	0.0003	P	4.3

$$y = 3.6501\text{E-}004 * x + 8.5833\text{E-}005$$

$$R = 0.9999$$

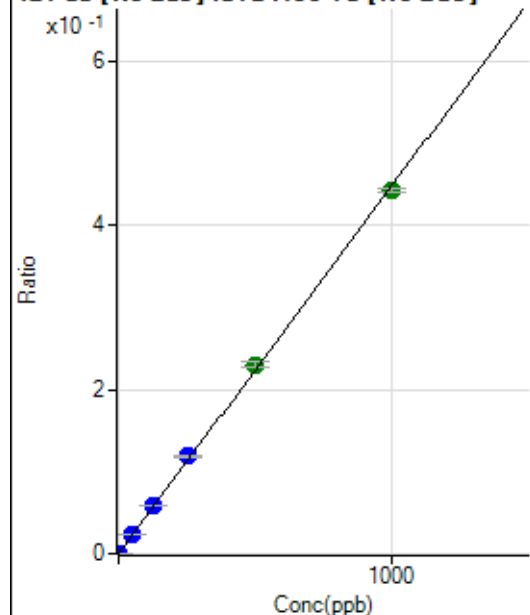
$$DL = 0.3788$$

$$BEC = 0.2352$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	17.2
2	☐	2.000	1.966	10447.41	0.0009	P	1.3
3	☐	50.000	52.103	270006.56	0.0233	P	1.4
4	☐	125.000	131.299	665498.49	0.0587	P	0.6
5	☐	250.000	265.305	1338900.94	0.1187	P	1.1
6	☐	500.000	515.533	2506131.11	0.2306	A	3.2
7	☐	1000.000	987.515	4780881.28	0.4416	A	0.9
8	☐			4795.35	0.0005	P	9.9

$$y = 4.4723\text{E-}004 * x + 4.2854\text{E-}006$$

$$R = 0.9997$$

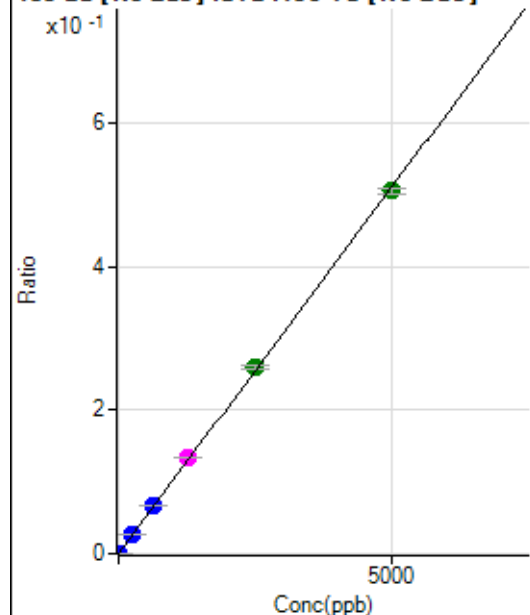
$$DL = 0.004956$$

$$BEC = 0.009582$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0000	P	15.7
2	☐	10.000	9.526	11601.73	0.0010	P	1.8
3	☐	250.000	254.303	301149.89	0.0260	P	0.2
4	☐	625.000	644.973	746975.49	0.0659	P	0.5
5	☐	1250.000	1313.163	1514377.34	0.1342	M	0.3
6	☐	2500.000	2555.564	2839092.70	0.2612	A	2.4
7	☐	5000.000	4953.716	5479316.52	0.5062	A	1.8
8	☐			3531.65	0.0003	P	3.2

$$y = 1.0219\text{E-}004 * x + 7.9897\text{E-}006$$

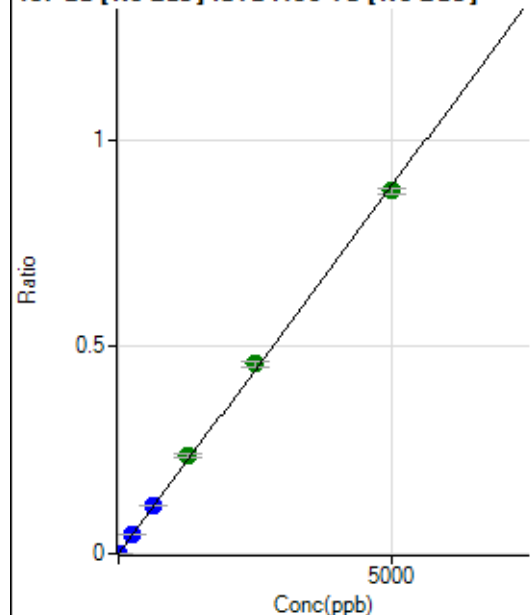
$$R = 0.9998$$

$$DL = 0.03688$$

$$BEC = 0.07819$$

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	75.55	0.0000	P	38.7
2	☐	10.000	9.553	20123.96	0.0017	P	1.6
3	☐	250.000	263.211	541345.14	0.0467	P	0.6
4	☐	625.000	662.180	1332081.67	0.1175	P	1.0
5	☐	1250.000	1334.739	2673150.43	0.2369	A	2.8
6	☐	2500.000	2577.867	4973734.96	0.4576	A	3.4
7	☐	5000.000	4934.575	9481353.96	0.8759	A	1.8
8	☐			6134.80	0.0006	P	3.5

$$y = 1.7751E-004 * x + 6.6806E-006$$

$$R = 0.9996$$

$$DL = 0.04364$$

$$BEC = 0.03764$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			11.11		P	17.3
3	☐			20.00		P	60.1
4	☐			57.78		P	23.3
5	☐			82.22		P	20.0
6	☐			122.22		P	19.7
7	☐			255.56		P	7.5
8	☐			194.45		P	2.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			2.22		P	173.
4	☐			8.89		P	78.1
5	☐			8.89		P	108.
6	☐			17.78		P	39.0
7	☐			24.45		P	28.4
8	☐			54.44		P	9.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐			12.22		P	128.
3	☐			40.00		P	14.4
4	☐			50.00		P	11.5
5	☐			83.33		P	8.0
6	☐			134.45		P	31.9
7	☐			316.67		P	4.8
8	☐			1076.72		P	11.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			6.67		P	132.
3	☐			7.78		P	89.2
4	☐			25.56		P	39.8
5	☐			60.00		P	9.6
6	☐			64.44		P	23.9
7	☐			131.12		P	8.2
8	☐			483.35		P	0.7

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			92.22		P	19.9
2	☐			95.56		P	17.2
3	☐			108.89		P	9.4
4	☐			111.11		P	33.2
5	☐			142.22		P	11.8
6	☐			204.45		P	14.1
7	☐			313.34		P	8.5
8	☐			1216.73		P	2.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141.11		P	8.3
2	☐			161.11		P	1.2
3	☐			146.67		P	29.0
4	☐			154.45		P	23.3
5	☐			153.33		P	16.4
6	☐			174.45		P	14.3
7	☐			197.78		P	5.4
8	☐			647.80		P	4.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.11		P	4.2
2	☐			98.89		P	7.0
3	☐			104.45		P	6.6
4	☐			98.89		P	17.0
5	☐			90.00		P	19.2
6	☐			104.45		P	16.1
7	☐			116.67		P	11.4
8	☐			233.34		P	5.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	26.0
2	☐			31.11		P	6.2
3	☐			22.22		P	22.9
4	☐			34.45		P	39.1
5	☐			36.66		P	41.7
6	☐			27.78		P	50.0
7	☐			42.22		P	19.9
8	☐			88.89		P	16.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	15.8
2	☐			74.45		P	30.5
3	☐			88.89		P	18.9
4	☐			84.45		P	33.6
5	☐			65.55		P	16.3
6	☐			86.67		P	20.0
7	☐			96.67		P	3.5
8	☐			151.11		P	12.1

172 Yb [He] No available calibration points

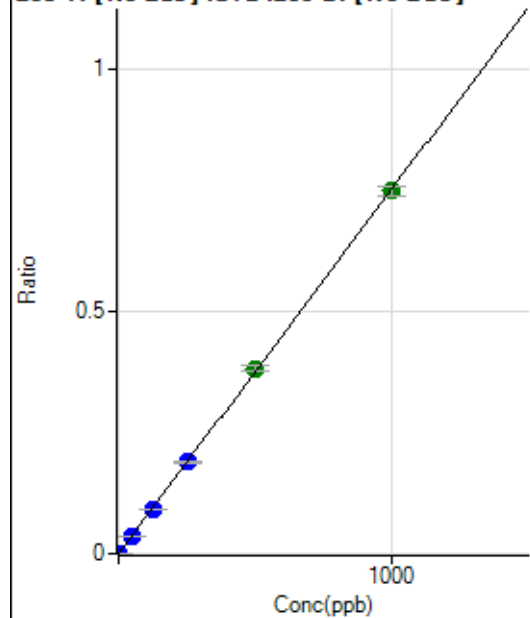
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	34.4
2	☐			34.45		P	20.1
3	☐			36.67		P	24.1
4	☐			37.78		P	10.2
5	☐			36.67		P	9.1
6	☐			28.89		P	43.7
7	☐			33.33		P	36.1
8	☐			92.22		P	16.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1417.87		P	3.2
2	☐			1422.32		P	4.0
3	☐			2592.51		P	1.5
4	☐			4394.11		P	2.2
5	☐			6958.57		P	0.4
6	☐			12100.08		P	0.8
7	☐			22874.34		P	0.4
8	☐			1335.64		P	0.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11739.78		P	1.6
2	☐			11805.36		P	2.7
3	☐			11953.29		P	1.9
4	☐			12593.89		P	0.6
5	☐			13403.59		P	2.0
6	☐			14493.63		P	1.1
7	☐			17903.31		P	0.8
8	☐			11046.94		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.89	0.0000	P	16.4
2	☐	1.000	0.907	5612.39	0.0007	P	2.1
3	☐	50.000	47.907	283757.62	0.0361	P	1.4
4	☐	125.000	121.922	703210.04	0.0917	P	1.9
5	☐	250.000	252.283	1439490.17	0.1898	P	1.5
6	☐	500.000	507.446	2808600.27	0.3817	A	3.2
7	☐	1000.000	996.196	5391555.82	0.7494	A	2.4
8	☐			2615.86	0.0004	P	4.4

$$y = 7.5223\text{E-}004 * x + 2.0841\text{E-}005$$

$$R = 0.9999$$

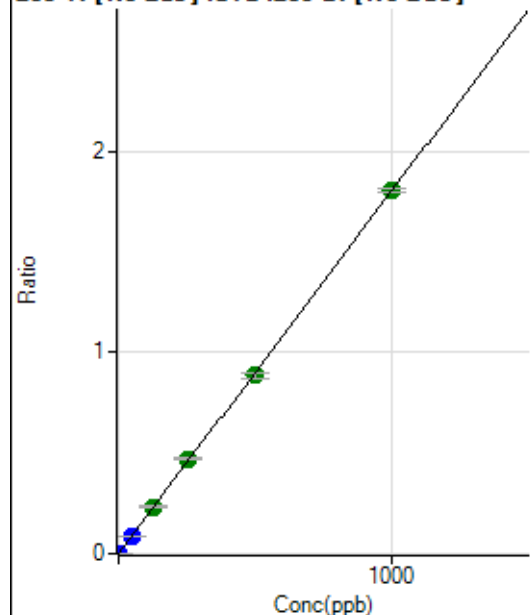
$$DL = 0.01367$$

$$BEC = 0.02771$$

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	371.12	0.0000	P	7.8
2	☐	1.000	0.901	13332.51	0.0017	P	3.9
3	☐	50.000	48.927	693428.87	0.0881	P	1.4
4	☐	125.000	129.411	1786633.27	0.2330	A	1.2
5	☐	250.000	261.868	3575214.81	0.4714	A	2.0
6	☐	500.000	491.326	6507861.57	0.8844	A	2.7
7	☐	1000.000	1000.873	12963418.14	1.8016	A	0.9
8	☐			6529.81	0.0010	P	4.6

$$y = 0.0018 * x + 4.8682E-005$$

$$R = 0.9999$$

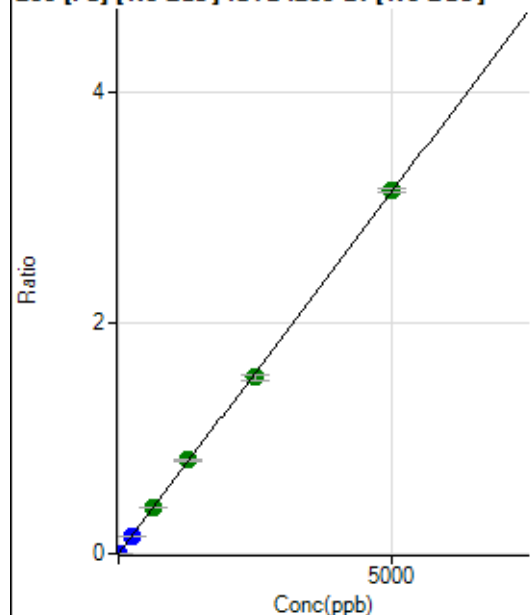
$$DL = 0.006297$$

$$BEC = 0.02705$$

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	290.01	0.0000	P	4.6
2	☐	1.000	0.891	4757.59	0.0006	P	2.7
3	☐	250.000	240.016	1183175.12	0.1504	P	1.6
4	☐	625.000	645.760	3101264.54	0.4045	A	0.6
5	☐	1250.000	1293.568	6144192.96	0.8102	A	2.5
6	☐	2500.000	2439.803	11243106.92	1.5280	A	2.8
7	☐	5000.000	5017.111	22608158.83	3.1421	A	1.2
8	☐			14806.53	0.0022	P	1.7

$$y = 6.2628E-004 * x + 3.8070E-005$$

$$R = 0.9998$$

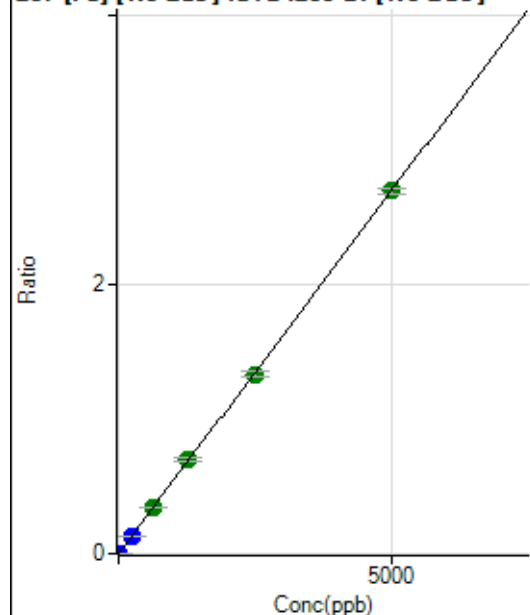
$$DL = 0.008379$$

$$BEC = 0.06079$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	236.67	0.0000	P	14.8
2	☐	1.000	0.914	4184.05	0.0005	P	5.8
3	☐	250.000	242.231	1029124.75	0.1308	P	1.8
4	☐	625.000	640.320	2649509.39	0.3457	A	2.7
5	☐	1250.000	1297.952	5313646.41	0.7006	A	2.9
6	☐	2500.000	2476.639	9836505.41	1.3369	A	2.8
7	☐	5000.000	4998.166	19411599.99	2.6979	A	1.6
8	☐			12984.62	0.0020	P	3.4

$$y = 5.3978\text{E-}004 * x + 3.1111\text{E-}005$$

$$R = 0.9999$$

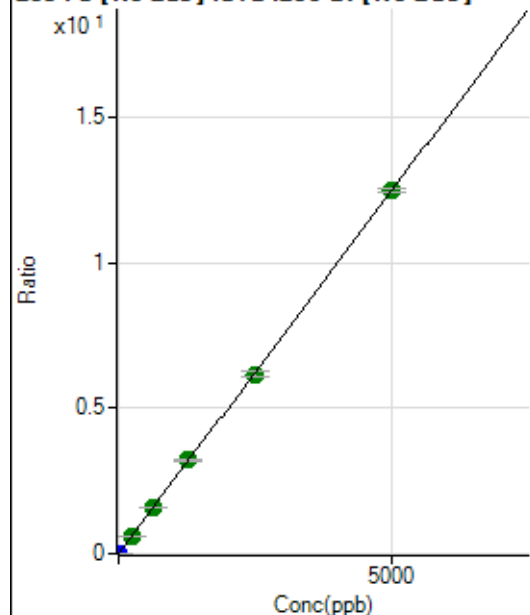
$$DL = 0.02561$$

$$BEC = 0.05764$$

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	1140.03	0.0001	P	7.8
2	☐	1.000	0.888	18864.43	0.0024	P	4.4
3	☐	250.000	246.474	4836532.47	0.6147	A	2.1
4	☐	625.000	634.980	12137755.85	1.5833	A	2.2
5	☐	1250.000	1291.811	24428059.74	3.2209	A	2.3
6	☐	2500.000	2475.833	45417472.24	6.1728	A	3.1
7	☐	5000.000	5000.559	89705661.44	12.4674	A	1.1
8	☐			59126.43	0.0089	P	3.6

$$y = 0.0025 * x + 1.4979\text{E-}004$$

$$R = 0.9999$$

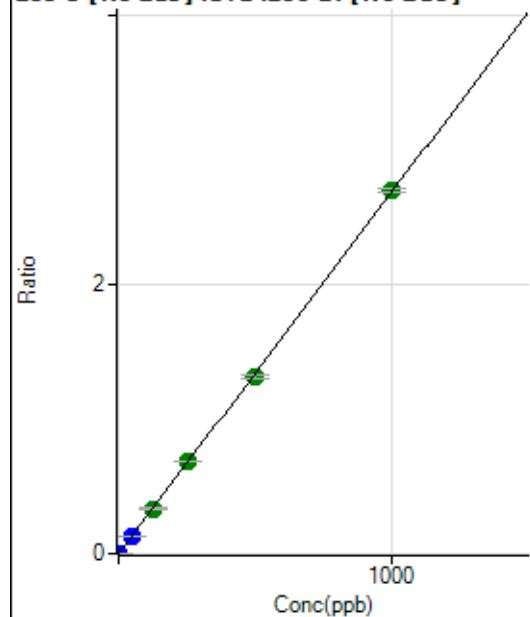
$$DL = 0.01405$$

$$BEC = 0.06008$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	27.0
2	☐	1.000	0.845	18188.71	0.0023	P	2.6
3	☐	50.000	46.911	991354.09	0.1260	P	1.7
4	☐	125.000	123.955	2551692.76	0.3329	A	2.0
5	☐	250.000	255.350	5200811.66	0.6857	A	1.3
6	☐	500.000	489.597	9675657.91	1.3147	A	1.8
7	☐	1000.000	1004.149	19401475.27	2.6964	A	1.2
8	☐			4551.13	0.0007	P	24.4

$$y = 0.0027 * x + 9.6542E-006$$

$$R = 0.9999$$

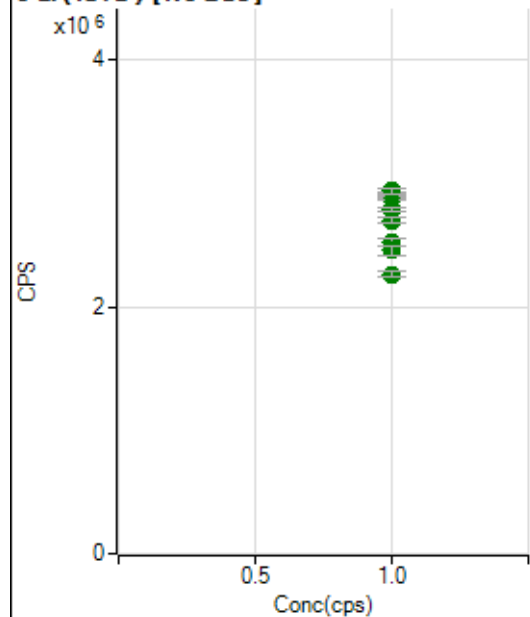
$$DL = 0.002917$$

$$BEC = 0.003595$$

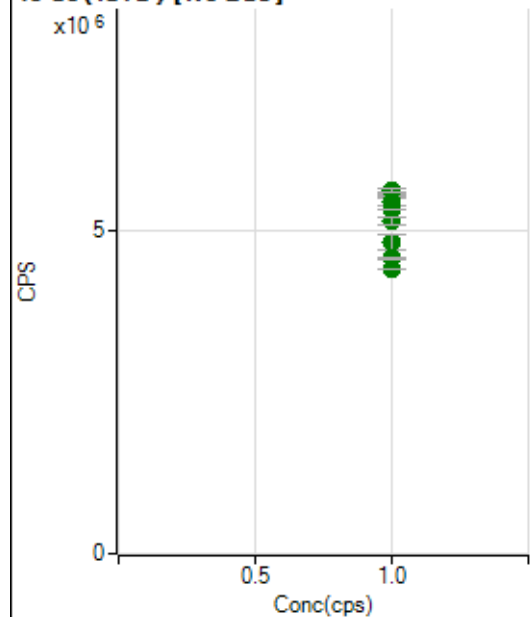
Weight: <None>

Min Conc: 0

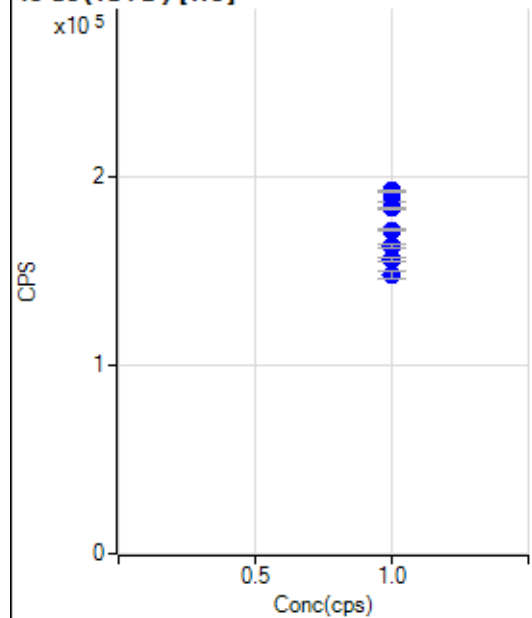
6 Li (ISTD) [No Gas]



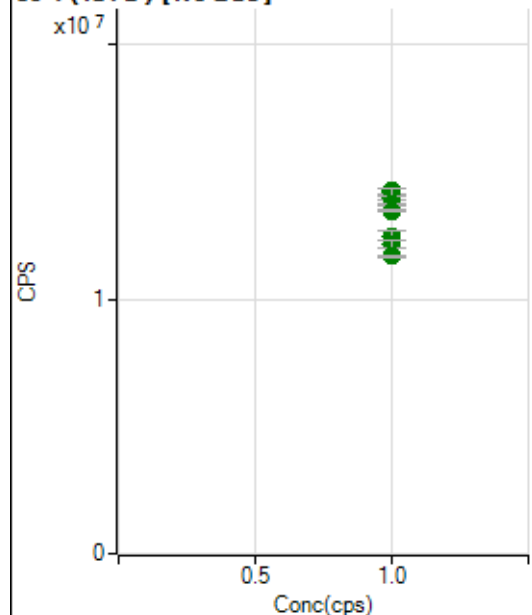
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2873783.83		A	0.8
2	☐	1.000		2906454.51		A	1.2
3	☐	1.000		2937848.74		A	1.5
4	☐	1.000		2781426.88		A	1.2
5	☐	1.000		2699294.75		A	2.1
6	☐	1.000		2526022.87		A	2.4
7	☐	1.000		2453948.57		A	2.7
8	☐	1.000		2264612.68		A	2.6

45 Sc (ISTD) [No Gas]

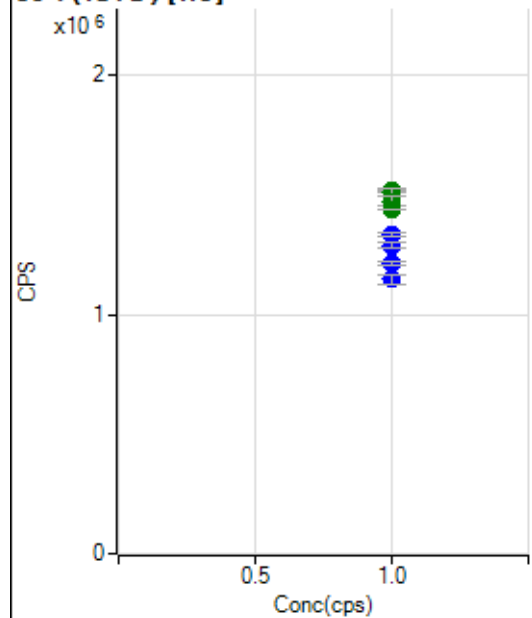
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5461925.82		A	2.3
2	☐	1.000		5569703.11		A	0.4
3	☐	1.000		5624101.65		A	1.1
4	☐	1.000		5331370.27		A	0.3
5	☐	1.000		5159388.92		A	2.5
6	☐	1.000		4832272.60		A	4.8
7	☐	1.000		4582192.75		A	1.0
8	☐	1.000		4415086.08		A	0.4

45 Sc (ISTD) [He]

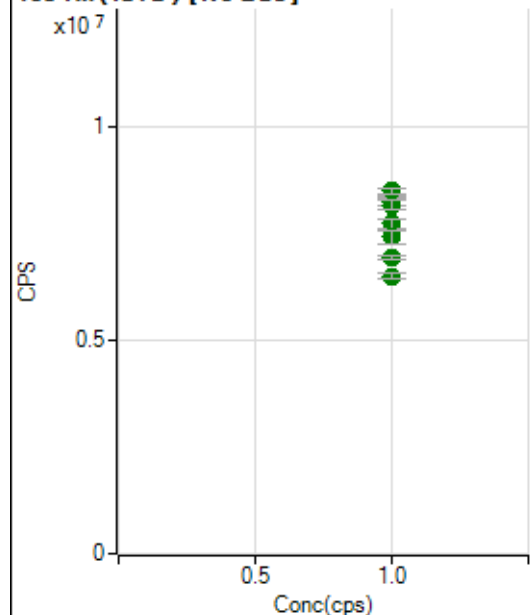
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		192666.31		P	0.5
2	☐	1.000		192378.52		P	0.8
3	☐	1.000		186837.08		P	0.4
4	☐	1.000		183375.74		P	0.7
5	☐	1.000		171984.53		P	1.0
6	☐	1.000		156072.89		P	1.3
7	☐	1.000		147567.41		P	2.8
8	☐	1.000		163333.25		P	0.9

89 Y (ISTD) [No Gas]

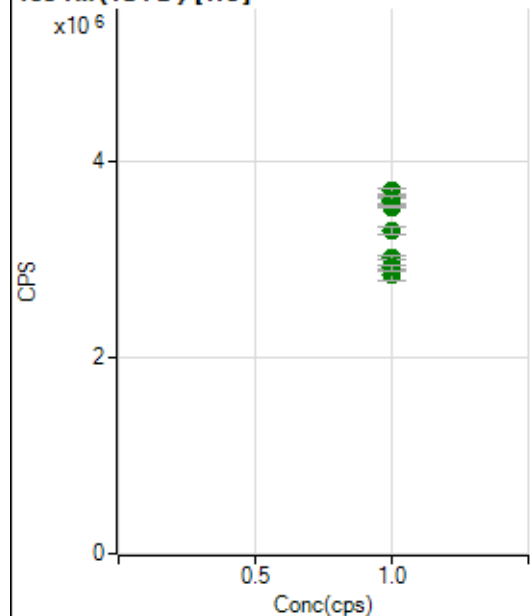
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14263203.26		A	1.7
2	☐	1.000		14004365.62		A	1.5
3	☐	1.000		14191675.21		A	2.0
4	☐	1.000		13734946.88		A	0.6
5	☐	1.000		13485138.97		A	0.4
6	☐	1.000		12510285.79		A	3.4
7	☐	1.000		12171800.79		A	2.8
8	☐	1.000		11705050.94		A	0.7

89 Y (ISTD) [He]

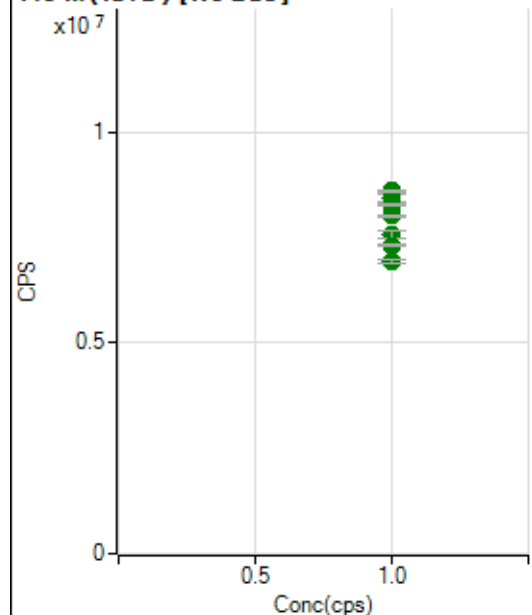
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1516101.56		A	0.8
2	☐	1.000		1511057.53		A	2.3
3	☐	1.000		1473754.04		A	2.4
4	☐	1.000		1438894.88		A	0.4
5	☐	1.000		1336878.56		P	1.3
6	☐	1.000		1214370.34		P	0.9
7	☐	1.000		1148356.61		P	3.6
8	☐	1.000		1289501.06		P	1.8

103 Rh (ISTD) [No Gas]

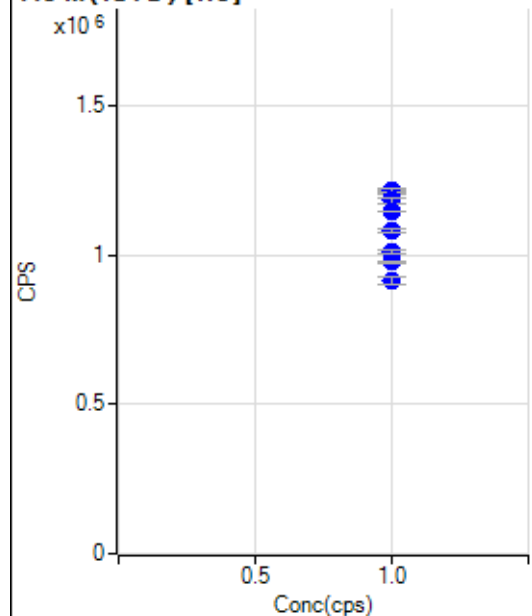
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8254884.32		A	2.2
2	☐	1.000		8377366.19		A	0.6
3	☐	1.000		8505502.02		A	1.5
4	☐	1.000		8178260.16		A	2.4
5	☐	1.000		7746419.54		A	2.9
6	☐	1.000		7420898.16		A	4.6
7	☐	1.000		6956605.10		A	1.3
8	☐	1.000		6501186.78		A	2.1

103 Rh (ISTD) [He]

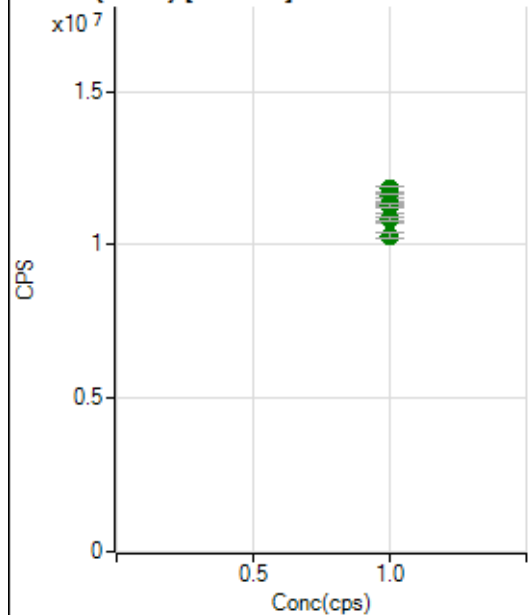
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3594055.15		A	1.8
2	☐	1.000		3702770.92		A	1.3
3	☐	1.000		3602334.01		A	2.3
4	☐	1.000		3538046.20		A	0.7
5	☐	1.000		3295177.24		A	2.7
6	☐	1.000		3024513.84		A	1.1
7	☐	1.000		2847449.65		A	3.9
8	☐	1.000		2917571.73		A	2.0

115 In (ISTD) [No Gas]

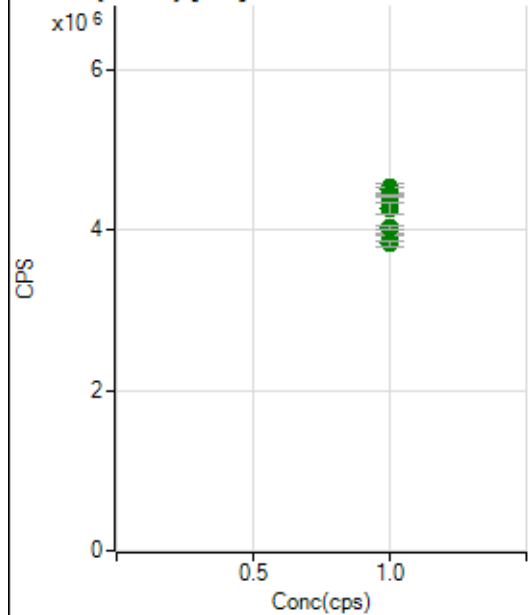
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8302662.72		A	1.4
2	☐	1.000		8429701.41		A	1.8
3	☐	1.000		8603097.59		A	0.6
4	☐	1.000		8275596.74		A	0.8
5	☐	1.000		8014985.86		A	0.8
6	☐	1.000		7576363.06		A	2.4
7	☐	1.000		7314356.57		A	1.1
8	☐	1.000		6936376.93		A	1.8

115 In (ISTD) [He]

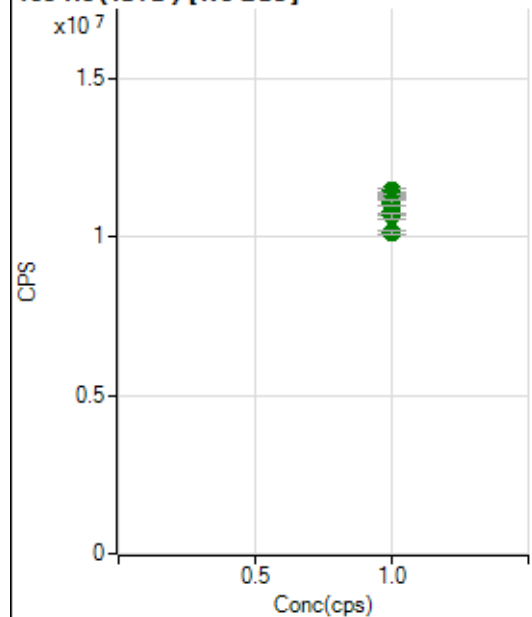
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1209421.26		P	0.8
2	☐	1.000		1215142.46		P	1.1
3	☐	1.000		1183577.55		P	1.5
4	☐	1.000		1145626.63		P	0.3
5	☐	1.000		1080389.80		P	1.3
6	☐	1.000		977293.32		P	0.4
7	☐	1.000		915462.56		P	2.8
8	☐	1.000		1009977.25		P	1.0

159 Tb (ISTD) [No Gas]

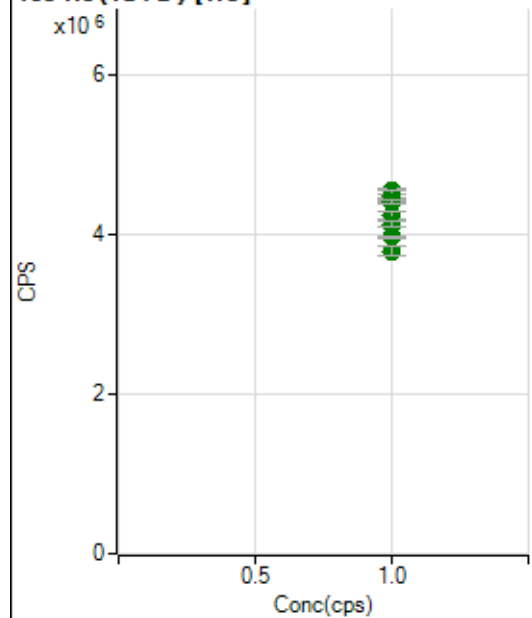
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11378346.50		A	2.5
2	☐	1.000		11822567.74		A	1.4
3	☐	1.000		11585195.66		A	0.8
4	☐	1.000		11332658.86		A	1.1
5	☐	1.000		11285061.08		A	1.5
6	☐	1.000		10876693.59		A	3.1
7	☐	1.000		10825807.89		A	1.2
8	☐	1.000		10302317.63		A	1.7

159 Tb (ISTD) [He]

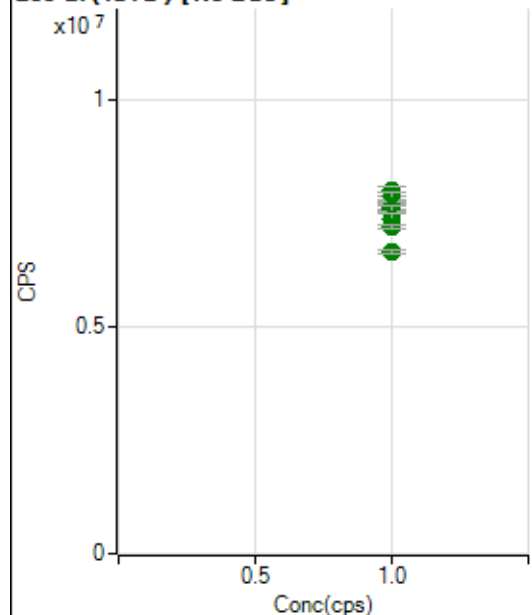
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4529585.31		A	2.6
2	☐	1.000		4509511.81		A	1.5
3	☐	1.000		4431900.73		A	0.7
4	☐	1.000		4424169.45		A	0.8
5	☐	1.000		4269567.61		A	3.3
6	☐	1.000		3950905.11		A	0.7
7	☐	1.000		3835026.78		A	1.7
8	☐	1.000		4041977.58		A	1.3

165 Ho (ISTD) [No Gas]

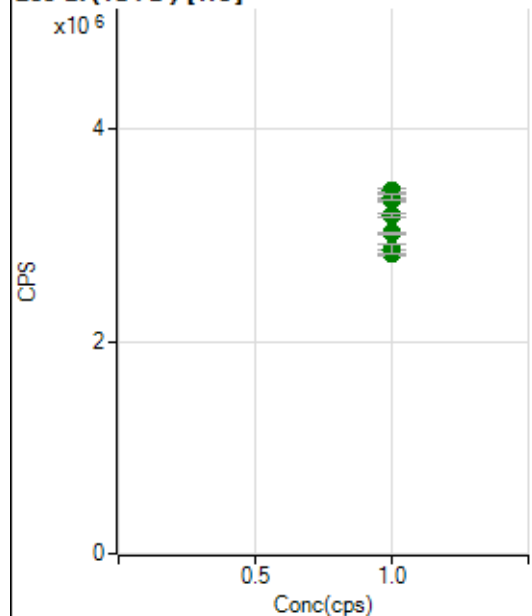
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11238274.69		A	1.3
2	☐	1.000		11452637.75		A	1.1
3	☐	1.000		11365637.47		A	0.2
4	☐	1.000		11091829.84		A	2.3
5	☐	1.000		11076684.00		A	1.2
6	☐	1.000		10817507.89		A	2.7
7	☐	1.000		10663483.73		A	1.5
8	☐	1.000		10145523.39		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4427115.07		A	1.1
2	☐	1.000		4546410.87		A	1.6
3	☐	1.000		4490645.04		A	2.6
4	☐	1.000		4401932.09		A	1.2
5	☐	1.000		4239702.09		A	1.9
6	☐	1.000		3974979.32		A	0.6
7	☐	1.000		3792861.64		A	2.9
8	☐	1.000		4129131.05		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7617544.47		A	1.9
2	☐	1.000		7982911.41		A	2.4
3	☐	1.000		7870783.91		A	1.9
4	☐	1.000		7667630.86		A	2.0
5	☐	1.000		7585699.82		A	1.6
6	☐	1.000		7362383.16		A	3.2
7	☐	1.000		7195621.98		A	0.8
8	☐	1.000		6631773.02		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3421831.20		A	1.8
2	☐	1.000		3409169.88		A	0.5
3	☐	1.000		3338708.25		A	1.4
4	☐	1.000		3363544.60		A	2.0
5	☐	1.000		3190340.65		A	1.2
6	☐	1.000		3023227.45		A	0.6
7	☐	1.000		2837289.99		A	2.1
8	☐	1.000		2873867.74		A	2.6