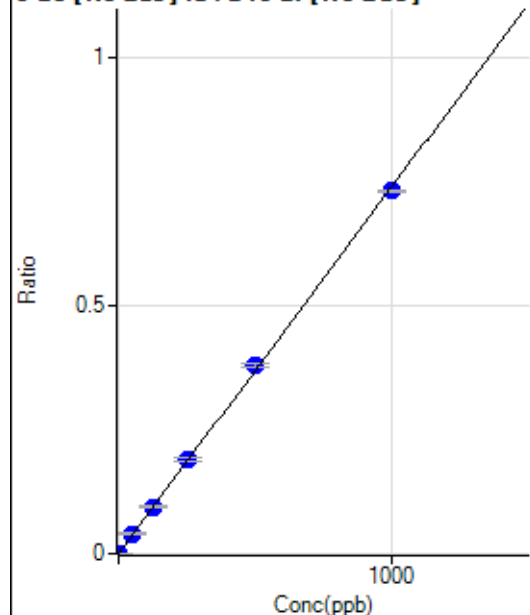


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7042723 MS.b\
 Analysis File: P7042723 MS.batch.bin
 DA Date-Time: 2023-04-27 16:04:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-27 09:46:57
2	005CALS.d	S01	2023-04-27 09:50:12
3	006CALS.d	S02	2023-04-27 09:53:30
4	007CALS.d	S03	2023-04-27 09:56:46
5	008CALS.d	S04	2023-04-27 09:59:56
6	009CALS.d	S05	2023-04-27 10:02:54
7	010CALS.d	S06	2023-04-27 10:05:49
8	011CALS.d	S07	2023-04-27 10:08:36
9	012CALS.d	S08	2023-04-27 10:11:25

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	26.2
2	☐	0.100	0.094	106.67	0.0001	P	1.3
3	☐	1.000	1.074	872.26	0.0008	P	3.9
4	☐	50.000	54.848	42616.04	0.0406	P	4.9
5	☐	125.000	127.946	103921.21	0.0947	P	1.3
6	☐	250.000	258.935	201167.23	0.1916	P	4.3
7	☐	500.000	514.093	388573.75	0.3804	P	2.4
8	☐	1000.000	990.109	743081.26	0.7327	P	0.7
9	☐			484.46	0.0005	P	27.2

$$y = 7.3994\text{E-}004 * x + 3.0291\text{E-}005$$

$$R = 0.9998$$

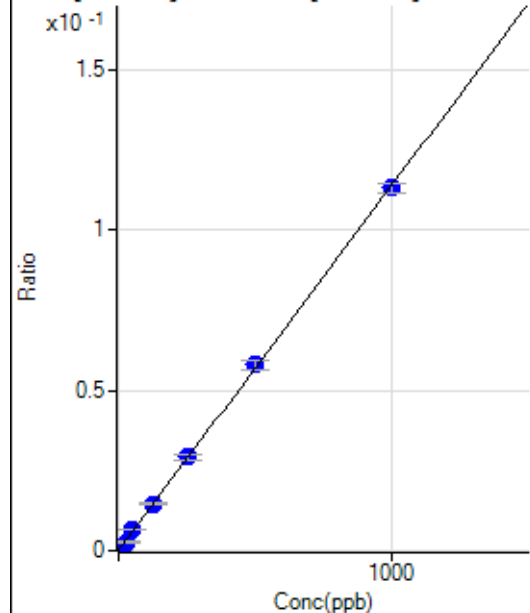
$$DL = 0.03217$$

$$BEC = 0.04094$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0001	P	21.6
2	☐	2.500	2.773	447.79	0.0004	P	5.1
3	☐	25.000	22.764	2850.29	0.0027	P	1.5
4	☐	50.000	55.320	6722.63	0.0064	P	1.8
5	☐	125.000	126.018	15852.65	0.0144	P	4.5
6	☐	250.000	255.686	30648.01	0.0292	P	6.4
7	☐	500.000	508.647	59230.24	0.0580	P	5.1
8	☐	1000.000	993.917	114866.76	0.1133	P	2.6
9	☐			3057.00	0.0032	P	9.8

$$y = 1.1384\text{E-}004 * x + 1.0204\text{E-}004$$

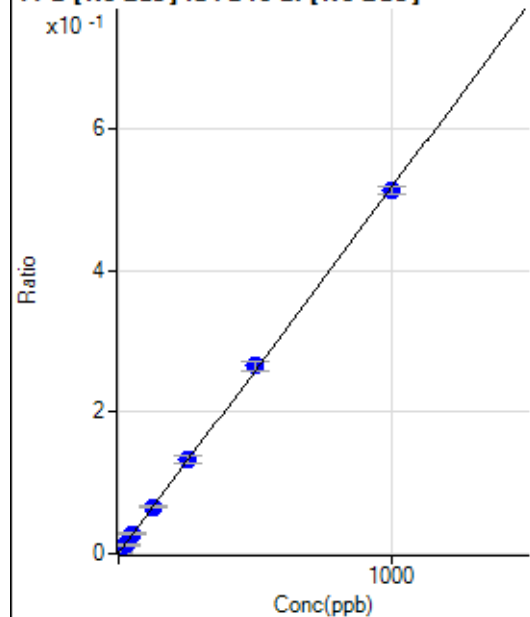
$$R = 0.9999$$

$$DL = 0.5798$$

$$BEC = 0.8963$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	498.90	0.0005	P	4.6
2	☐	2.500	2.166	1700.11	0.0016	P	8.4
3	☐	25.000	23.224	13183.48	0.0125	P	4.0
4	☐	50.000	53.679	29592.70	0.0282	P	2.8
5	☐	125.000	127.802	72893.54	0.0664	P	4.0
6	☐	250.000	258.581	140480.99	0.1339	P	7.8
7	☐	500.000	512.934	270838.95	0.2652	P	4.7
8	☐	1000.000	990.899	519257.44	0.5119	P	2.2
9	☐			13910.83	0.0145	P	9.2

$$y = 5.1614\text{E-}004 * x + 4.6888\text{E-}004$$

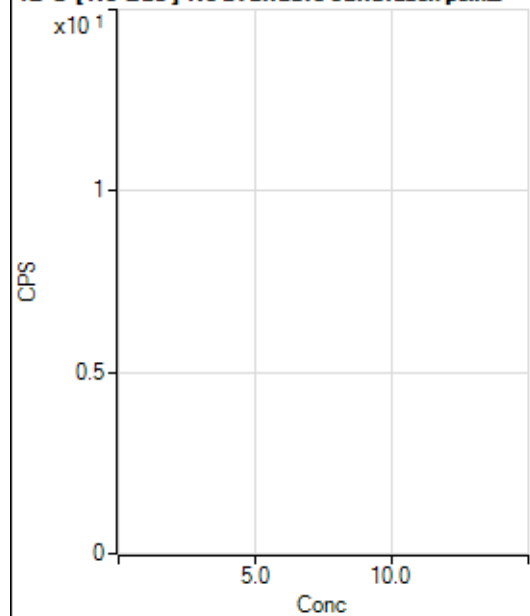
$$R = 0.9998$$

$$DL = 0.1254$$

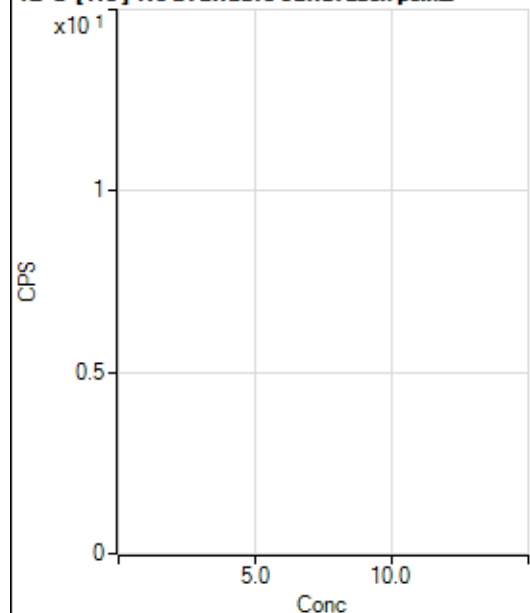
$$BEC = 0.9084$$

Weight: <None>

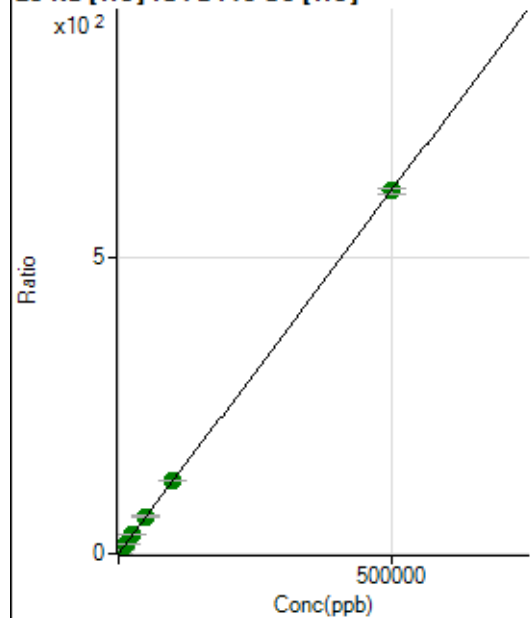
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5598.85	0.0184	P	0.9
2	☐	50.000	49.135	23865.24	0.0786	P	1.1
3	☐	500.000	497.371	192254.30	0.6272	P	0.7
4	☐	5000.000	5198.643	1918915.42	6.3814	A	1.3
5	☐	12500.000	12727.433	4522396.74	15.5964	A	0.6
6	☐	25000.000	25728.607	8907036.19	31.5094	A	1.0
7	☐	50000.000	51451.232	17547312.10	62.9930	A	1.1
8	☐	100000.00	101039.74	34121661.99	123.6876	A	0.8
9	☐	500000.00	499602.82	147831360.0	611.5150	A	1.4

$$y = 0.0012 * x + 0.0184$$

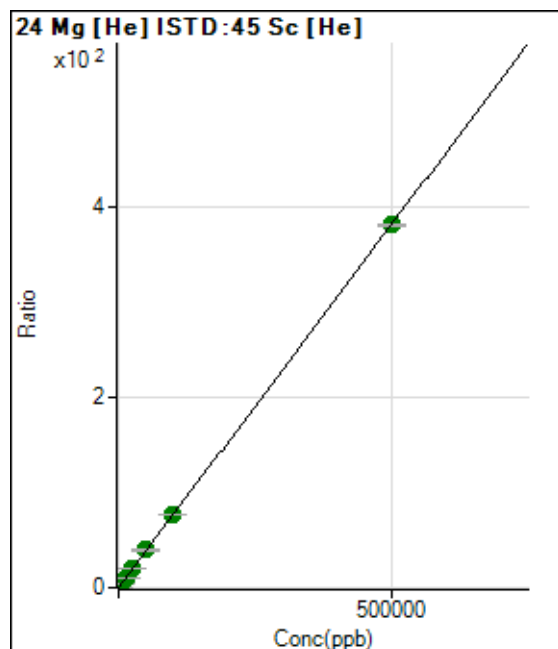
$$R = 1.0000$$

$$DL = 0.4197$$

$$BEC = 15.06$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	328.90	0.0011	P	12.5
2	☐	50.000	49.069	11671.17	0.0384	P	1.3
3	☐	500.000	495.565	115941.37	0.3782	P	1.1
4	☐	5000.000	5248.427	1201476.47	3.9955	A	2.2
5	☐	12500.000	12838.320	2833407.22	9.7719	A	0.7
6	☐	25000.000	25866.850	5565291.31	19.6875	A	1.0
7	☐	50000.000	51768.969	10975524.14	39.4008	A	1.1
8	☐	100000.00	100689.52	21139686.91	76.6326	A	1.3
9	☐	500000.00	499630.91	91928555.30	380.2541	A	0.5

$$y = 7.6107\text{E-}004 * x + 0.0011$$

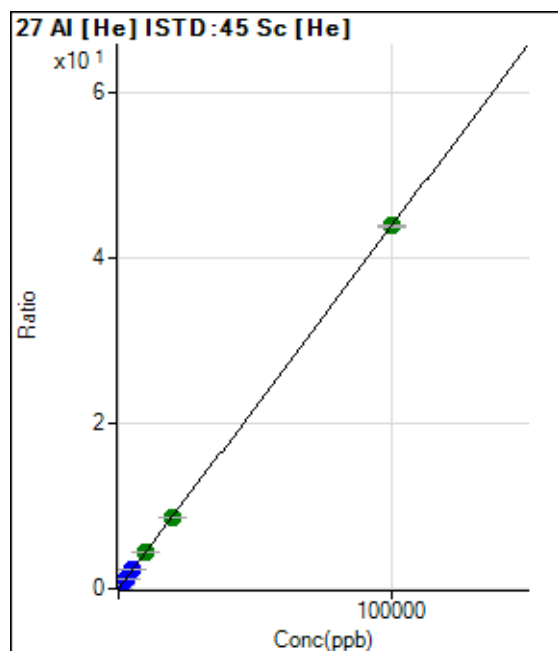
$$R = 1.0000$$

$$DL = 0.533$$

$$BEC = 1.422$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0002	P	19.8
2	☐	2.000	1.850	304.45	0.0010	P	8.9
3	☐	20.000	19.503	2683.59	0.0088	P	1.6
4	☐	1000.000	1050.655	138798.29	0.4616	P	0.4
5	☐	2500.000	2576.338	328096.72	1.1315	P	0.5
6	☐	5000.000	5189.735	644267.02	2.2792	P	0.9
7	☐	10000.000	10053.312	1229786.53	4.4149	A	1.5
8	☐	20000.000	19815.809	2400871.51	8.7019	A	0.3
9	☐	100000.00	100019.60	10618921.30	43.9219	A	0.4

$$y = 4.3913\text{E-}004 * x + 1.9007\text{E-}004$$

$$R = 1.0000$$

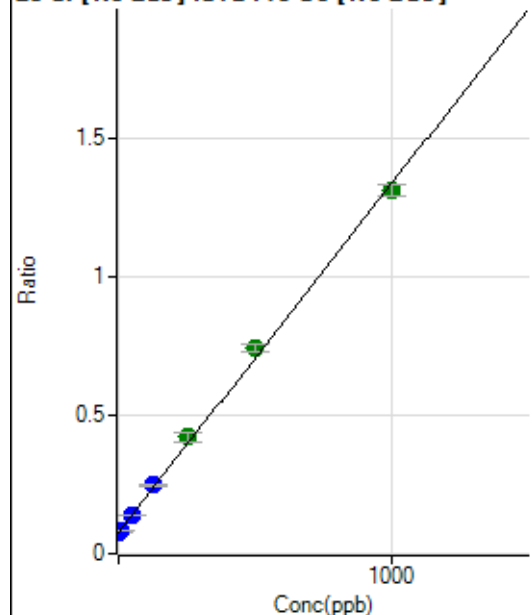
$$DL = 0.2565$$

$$BEC = 0.4328$$

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	240799.01	0.0773	P	0.4
2	☐	1.000	-0.764	241459.98	0.0763	P	1.7
3	☐	10.000	6.731	269437.32	0.0858	P	0.8
4	☐	50.000	49.713	426470.31	0.1398	P	1.6
5	☐	125.000	135.505	744432.72	0.2475	P	2.8
6	☐	250.000	272.443	1246426.84	0.4196	A	8.2
7	☐	500.000	527.589	2178311.01	0.7401	A	3.5
8	☐	1000.000	979.330	3751313.66	1.3077	A	3.3
9	☐			389803.63	0.1483	P	2.7

$$y = 0.0013 * x + 0.0773$$

$$R = 0.9991$$

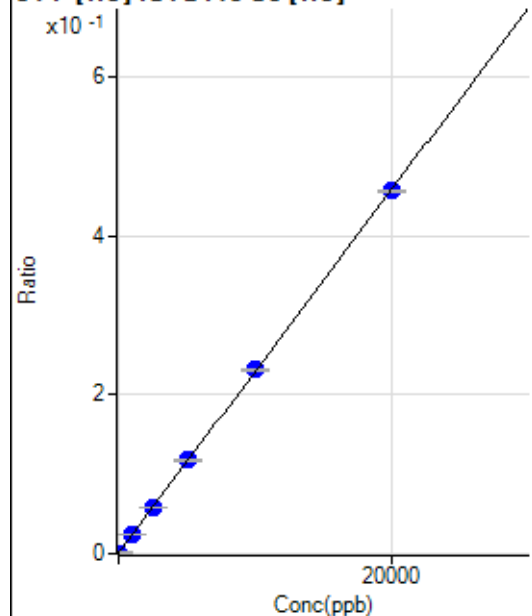
$$DL = 0.7617$$

$$BEC = 61.53$$

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	-8.846	203.33	0.0007	P	9.7
2	☐	0.000	-4.364	234.45	0.0008	P	7.9
3	☐	0.000	13.210	360.01	0.0012	P	14.1
4	☐	1000.000	1007.681	7197.31	0.0239	P	1.2
5	☐	2500.000	2500.196	16846.01	0.0581	P	2.0
6	☐	5000.000	5096.453	33219.39	0.1175	P	1.8
7	☐	10000.000	10085.614	64546.32	0.2317	P	1.5
8	☐	20000.000	19932.672	126104.09	0.4571	P	0.4
9	☐			224.45	0.0009	P	11.3

$$y = 2.2888E-005 * x + 8.7159E-004$$

$$R = 1.0000$$

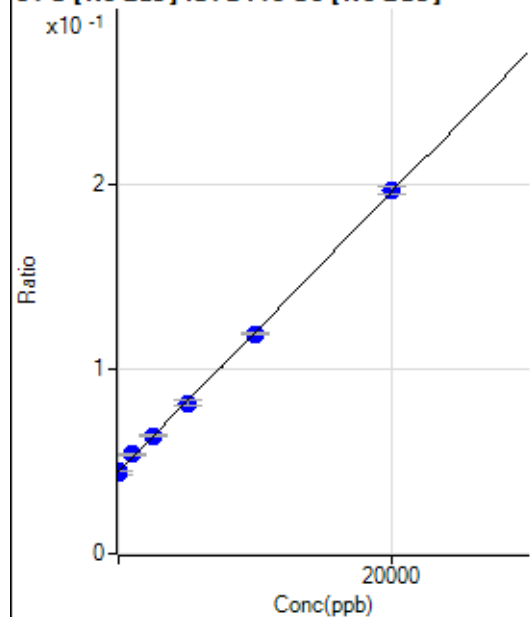
$$DL = 12.72$$

$$BEC = 38.08$$

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	23.180	139009.76	0.0446	P	0.7
2	☐	0.000	-88.378	138437.93	0.0438	P	3.3
3	☐	0.000	65.198	141209.36	0.0449	P	0.4
4	☐	1000.000	1217.407	163711.81	0.0537	P	3.6
5	☐	2500.000	2569.973	192280.28	0.0639	P	1.0
6	☐	5000.000	4903.302	242834.12	0.0816	P	3.0
7	☐	10000.000	9868.466	351107.22	0.1193	P	0.9
8	☐	20000.000	20070.324	564212.66	0.1966	P	2.1
9	☐			117847.60	0.0448	P	2.4

$$y = 7.5830E-006 * x + 0.0444$$

R = 0.9999

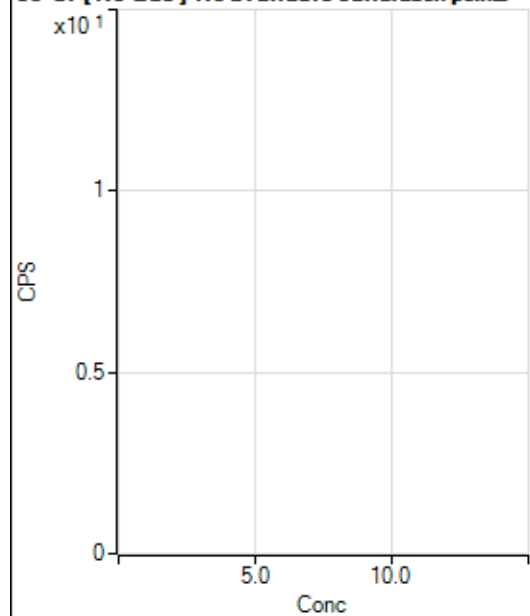
DL = 253

BEC = 5862

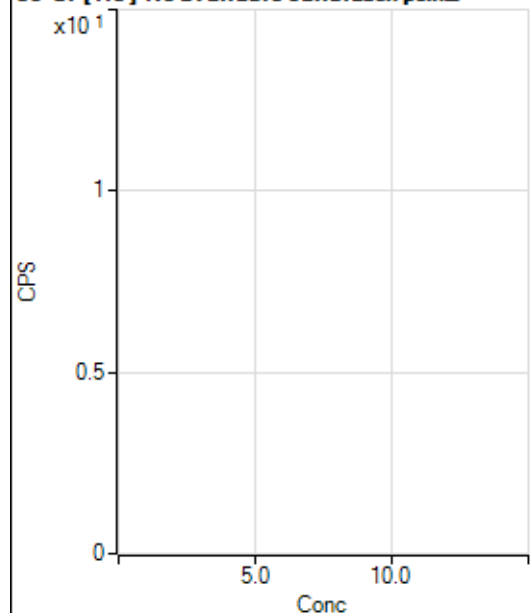
Weight: <None>

Min Conc: 0

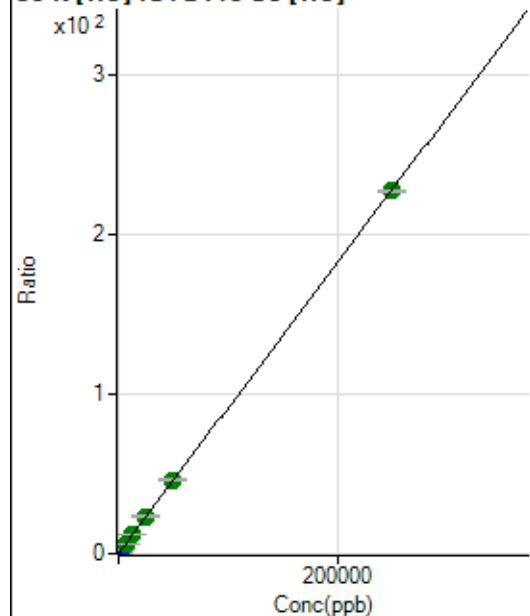
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46010.39	0.1515	P	0.4
2	☐	50.000	48.371	59340.46	0.1954	P	1.3
3	☐	500.000	505.657	187151.82	0.6106	P	0.7
4	☐	2500.000	2756.863	798202.80	2.6544	P	0.7
5	☐	6250.000	6414.305	1732531.21	5.9751	A	1.2
6	☐	12500.000	12784.615	3323973.56	11.7587	A	1.5
7	☐	25000.000	25588.285	6513629.63	23.3832	A	1.0
8	☐	50000.000	50741.101	12750597.73	46.2197	A	0.9
9	☐	250000.00	249772.03	54860301.96	226.9212	A	0.8

$$y = 9.0791\text{E-}004 * x + 0.1515$$

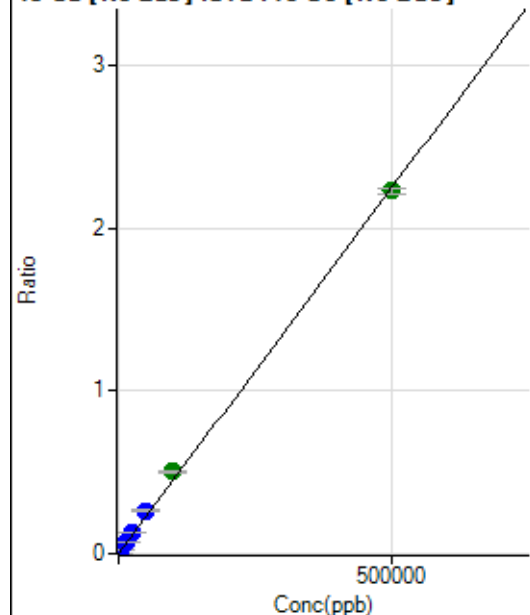
$$R = 1.0000$$

$$DL = 2.126$$

$$BEC = 166.8$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.33	0.0000	P	9.9
2	☐	50.000	50.615	814.48	0.0003	P	5.7
3	☐	500.000	520.012	7429.65	0.0024	P	1.7
4	☐	5000.000	6172.109	84623.04	0.0277	P	2.1
5	☐	12500.000	14953.083	201969.29	0.0672	P	0.7
6	☐	25000.000	29546.587	394562.74	0.1327	P	4.1
7	☐	50000.000	58980.135	779476.73	0.2648	P	1.1
8	☐	100000.00	112378.90	1447376.57	0.5045	A	3.3
9	☐	500000.00	496325.80	5858541.10	2.2282	A	1.9

$$y = 4.4894\text{E-}006 * x + 2.9970\text{E-}005$$

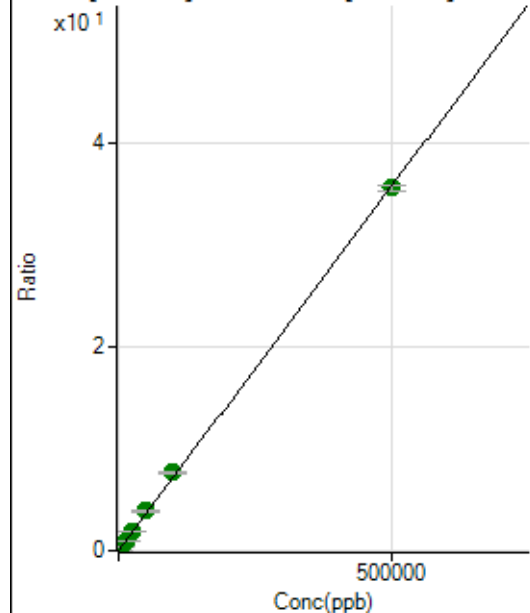
$$R = 0.9996$$

$$DL = 1.986$$

$$BEC = 6.676$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4763.04	0.0015	P	4.6
2	☐	50.000	52.194	16628.10	0.0053	P	1.4
3	☐	500.000	524.959	122577.05	0.0390	P	0.9
4	☐	5000.000	5598.370	1224222.66	0.4013	A	2.0
5	☐	12500.000	13674.486	2940660.06	0.9779	A	2.2
6	☐	25000.000	26745.034	5682176.10	1.9112	A	5.2
7	☐	50000.000	54349.662	11427263.44	3.8823	A	2.0
8	☐	100000.00	107697.37	22069320.23	7.6915	A	1.9
9	☐	500000.00	497902.93	93464823.05	35.5533	A	1.8

$$y = 7.1403\text{E-}005 * x + 0.0015$$

$$R = 0.9999$$

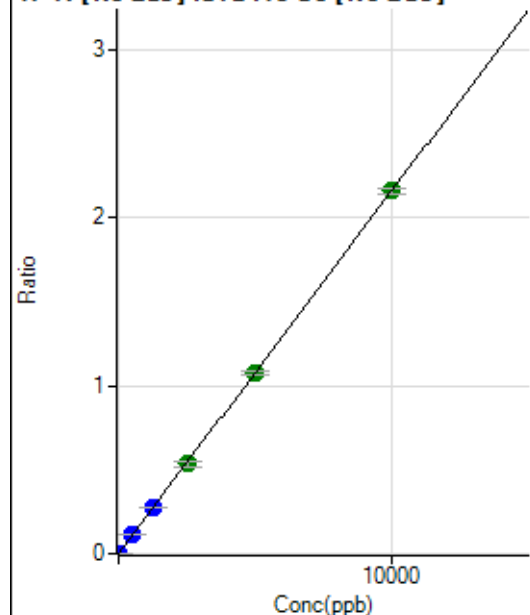
$$DL = 2.965$$

$$BEC = 21.42$$

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	61.11	0.0000	P	20.7
2	☐	0.500	0.411	342.23	0.0001	P	8.0
3	☐	5.000	4.936	3410.42	0.0011	P	2.1
4	☐	500.000	520.045	342622.34	0.1123	P	2.2
5	☐	1250.000	1272.419	826335.92	0.2748	P	0.6
6	☐	2500.000	2478.620	1591087.84	0.5352	A	5.6
7	☐	5000.000	4988.194	3170434.71	1.0771	A	2.4
8	☐	10000.000	10007.444	6200625.05	2.1610	A	1.8
9	☐			1839.03	0.0007	P	31.5

$$y = 2.1594E-004 * x + 1.9620E-005$$

$$R = 1.0000$$

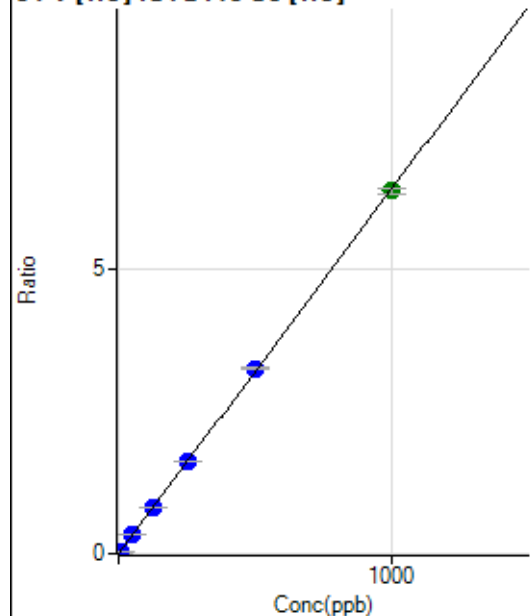
$$DL = 0.05654$$

$$BEC = 0.09086$$

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	6.66	0.0000	P	86.6
2	☐	0.500	0.485	948.93	0.0031	P	7.6
3	☐	5.000	4.772	9367.42	0.0306	P	0.9
4	☐	50.000	50.465	97117.31	0.3230	P	1.0
5	☐	125.000	125.153	232237.32	0.8009	P	1.1
6	☐	250.000	252.107	456064.55	1.6134	P	0.8
7	☐	500.000	508.284	906093.05	3.2528	P	1.0
8	☐	1000.000	995.290	1756900.13	6.3694	A	1.9
9	☐			641.13	0.0026	P	9.0

$$y = 0.0064 * x + 2.1927E-005$$

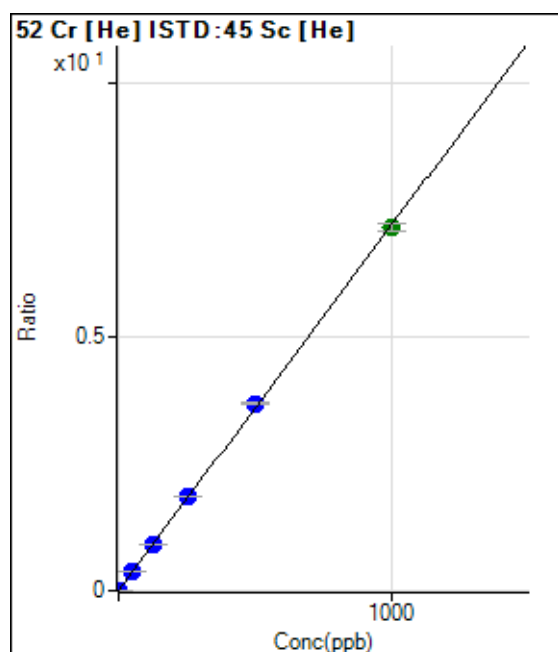
$$R = 0.9999$$

$$DL = 0.0089$$

$$BEC = 0.003426$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	893.37	0.0029	P	4.5
2	☐	0.200	0.193	1313.40	0.0043	P	4.2
3	☐	2.000	1.950	5198.72	0.0170	P	3.0
4	☐	50.000	51.474	112146.06	0.3729	P	0.4
5	☐	125.000	127.085	265722.87	0.9164	P	0.6
6	☐	250.000	256.156	521311.49	1.8442	P	0.5
7	☐	500.000	511.507	1024997.83	3.6796	P	1.2
8	☐	1000.000	992.373	1968373.62	7.1361	A	2.2
9	☐			13799.74	0.0571	P	1.4

$$y = 0.0072 * x + 0.0029$$

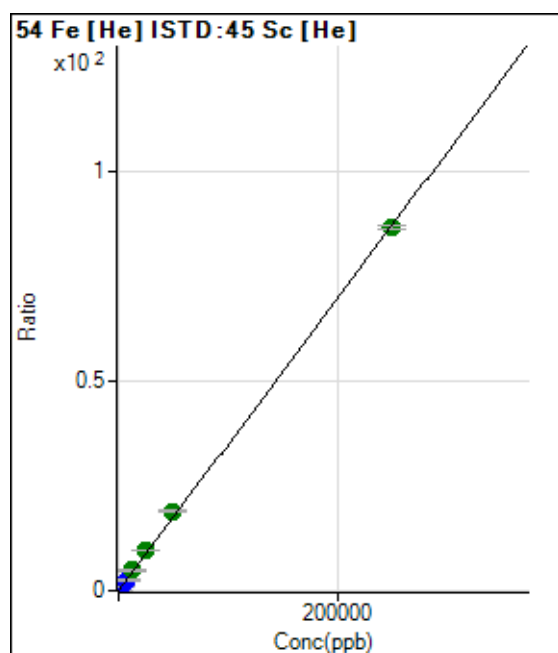
$$R = 0.9999$$

$$DL = 0.05557$$

$$BEC = 0.4091$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1501.20	0.0049	P	2.9
2	☐	5.000	5.409	2072.38	0.0068	P	5.1
3	☐	50.000	53.822	7249.58	0.0237	P	3.0
4	☐	2500.000	2939.692	308773.89	1.0268	P	0.8
5	☐	6250.000	7231.665	730343.60	2.5188	P	1.1
6	☐	12500.000	13834.370	1360843.85	4.8140	A	0.3
7	☐	25000.000	27827.484	2696139.09	9.6783	A	1.2
8	☐	50000.000	54308.245	5209062.91	18.8836	A	1.6
9	☐	250000.00	248759.94	20905881.77	86.4789	A	0.9

$$y = 3.4762E-004 * x + 0.0049$$

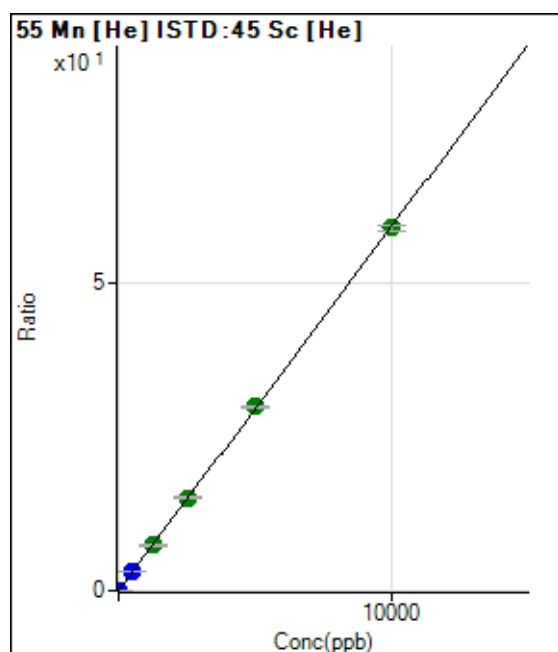
$$R = 0.9998$$

$$DL = 1.229$$

$$BEC = 14.22$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	167.78	0.0006	P	18.9
2	☐	0.100	0.081	313.34	0.0010	P	10.6
3	☐	1.000	0.942	1881.25	0.0061	P	3.5
4	☐	500.000	519.864	926846.71	3.0822	P	0.4
5	☐	1250.000	1254.126	2155658.89	7.4348	A	2.2
6	☐	2500.000	2541.162	4258212.75	15.0641	A	2.0
7	☐	5000.000	5048.044	8335721.34	29.9244	A	1.8
8	☐	10000.000	9964.178	16293612.68	59.0664	A	1.4
9	☐			8002.18	0.0331	P	0.5

$$y = 0.0059 * x + 5.5266E-004$$

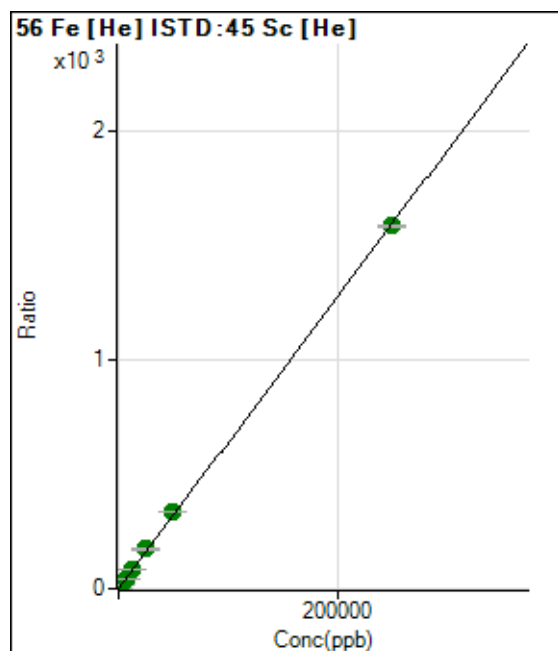
$$R = 1.0000$$

$$DL = 0.05291$$

$$BEC = 0.09323$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9866.66	0.0325	P	2.7
2	☐	5.000	5.394	20306.00	0.0669	P	1.8
3	☐	50.000	52.935	113357.46	0.3698	P	0.8
4	☐	2500.000	2741.037	5261959.05	17.4995	A	2.1
5	☐	6250.000	6809.365	12590793.15	43.4247	A	1.7
6	☐	12500.000	13614.832	24534088.52	86.7920	A	1.5
7	☐	25000.000	27247.041	48373539.28	173.6623	A	1.7
8	☐	50000.000	53117.463	93387307.50	338.5197	A	0.8
9	☐	250000.00	249079.66	383731932.0	1587.274	A	0.9

$$y = 0.0064 * x + 0.0325$$

$$R = 0.9999$$

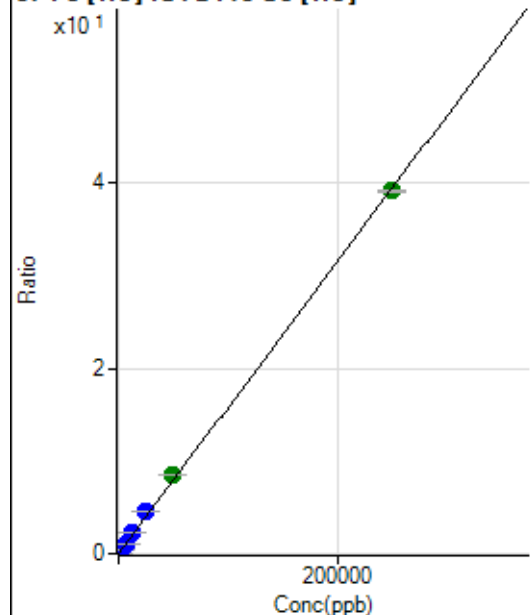
$$DL = 0.4079$$

$$BEC = 5.097$$

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	351.12	0.0012	P	6.7
2	☐	5.000	4.395	561.13	0.0018	P	2.6
3	☐	50.000	56.808	3093.68	0.0101	P	1.2
4	☐	2500.000	2892.348	137162.21	0.4561	P	0.6
5	☐	6250.000	7109.631	324618.43	1.1195	P	0.7
6	☐	12500.000	14365.633	639120.91	2.2609	P	0.3
7	☐	25000.000	28620.819	1254459.23	4.5033	P	0.9
8	☐	50000.000	53600.235	2326469.32	8.4327	A	0.4
9	☐	250000.00	248799.17	9462207.43	39.1384	A	0.7

$$y = 1.5730E-004 * x + 0.0012$$

$$R = 0.9998$$

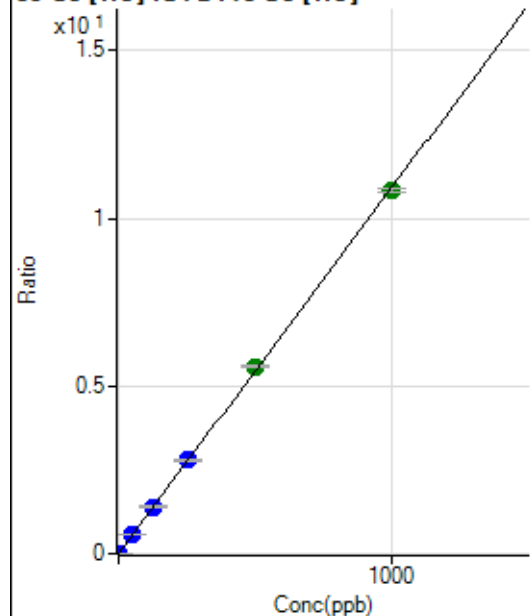
$$DL = 1.477$$

$$BEC = 7.349$$

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	36.67	0.0001	P	33.0
2	☐	0.100	0.093	345.56	0.0011	P	11.0
3	☐	1.000	0.966	3265.95	0.0107	P	1.6
4	☐	50.000	52.152	171097.20	0.5690	P	0.2
5	☐	125.000	128.299	405806.87	1.3996	P	0.9
6	☐	250.000	255.653	788300.76	2.7887	P	0.9
7	☐	500.000	512.077	1555889.52	5.5857	A	1.8
8	☐	1000.000	992.029	2985074.51	10.8208	A	1.0
9	☐			2976.99	0.0123	P	3.5

$$y = 0.0109 * x + 1.2076E-004$$

$$R = 0.9999$$

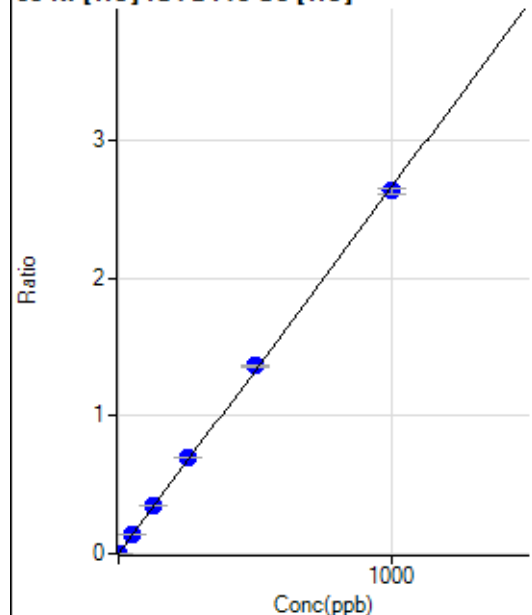
$$DL = 0.01097$$

$$BEC = 0.01107$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0003	P	11.0
2	☐	0.100	0.091	153.34	0.0005	P	3.8
3	☐	1.000	0.946	852.25	0.0028	P	1.6
4	☐	50.000	53.709	43060.47	0.1432	P	0.6
5	☐	125.000	130.851	101043.85	0.3485	P	1.0
6	☐	250.000	261.564	196839.72	0.6963	P	0.9
7	☐	500.000	512.367	379894.39	1.3638	P	1.0
8	☐	1000.000	990.008	726837.10	2.6349	P	1.4
9	☐			2236.86	0.0093	P	2.2

$$y = 0.0027 * x + 2.6335E-004$$

$$R = 0.9998$$

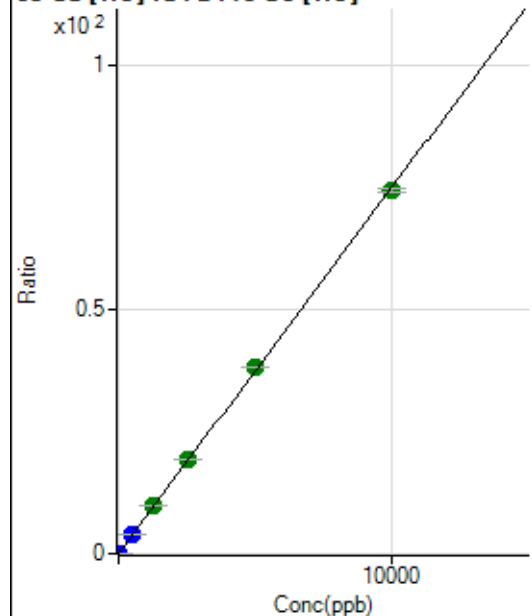
$$DL = 0.03261$$

$$BEC = 0.09896$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.14	0.0023	P	9.1
2	☐	0.200	0.185	1131.17	0.0037	P	3.1
3	☐	2.000	2.025	5359.90	0.0175	P	1.8
4	☐	500.000	525.678	1183058.14	3.9343	P	0.7
5	☐	1250.000	1304.645	2830162.91	9.7608	A	0.9
6	☐	2500.000	2580.820	5457457.91	19.3062	A	0.7
7	☐	5000.000	5107.009	10641806.51	38.2015	A	0.3
8	☐	10000.000	9918.176	20465573.86	74.1879	A	1.1
9	☐			3899.43	0.0161	P	2.6

$$y = 0.0075 * x + 0.0023$$

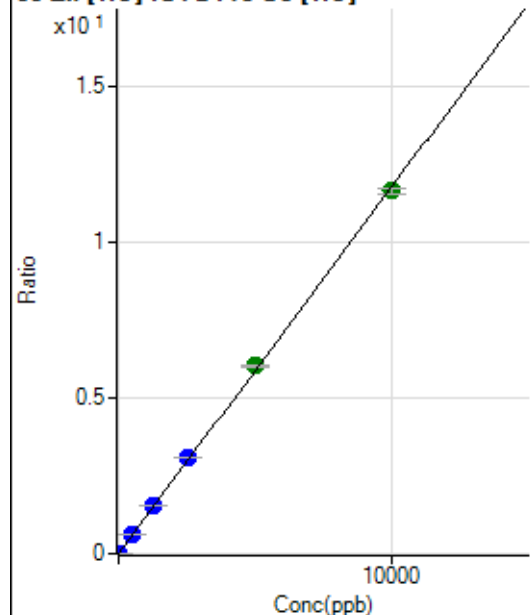
$$R = 0.9999$$

$$DL = 0.08567$$

$$BEC = 0.313$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0005	P	8.4
2	☒	0.200					
3	☐	2.000	2.095	912.26	0.0030	P	4.2
4	☐	500.000	528.328	187005.13	0.6219	P	0.3
5	☐	1250.000	1305.215	445238.70	1.5356	P	0.9
6	☐	2500.000	2605.358	866316.62	3.0646	P	0.1
7	☐	5000.000	5130.504	1680969.80	6.0344	A	1.2
8	☐	10000.000	9900.090	3211814.74	11.6439	A	1.9
9	☐			13670.81	0.0566	P	0.9

$$y = 0.0012 * x + 5.1201E-004$$

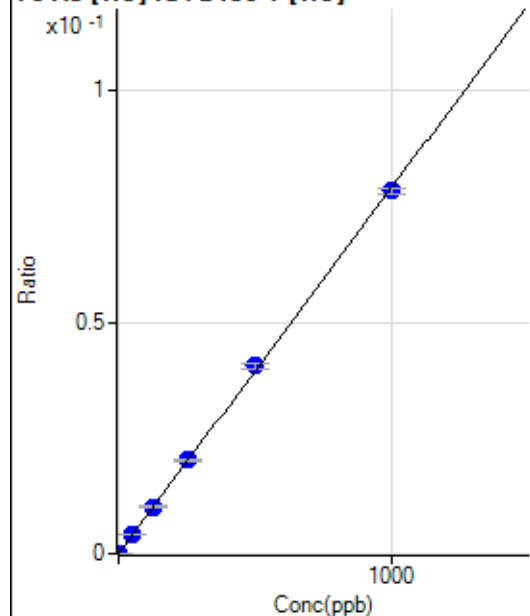
$$R = 0.9998$$

$$DL = 0.1094$$

$$BEC = 0.4353$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☒	0.100					
3	☐	1.000	0.861	210.01	0.0001	P	13.1
4	☐	50.000	51.226	12344.11	0.0040	P	2.4
5	☐	125.000	127.462	29845.62	0.0101	P	2.6
6	☐	250.000	256.617	58638.60	0.0203	P	1.4
7	☐	500.000	512.942	115960.76	0.0405	P	3.2
8	☐	1000.000	991.506	223965.92	0.0784	P	1.6
9	☐			66.67	0.0000	P	37.7

$$y = 7.9045E-005 * x + 0.0000E+000$$

$$R = 0.9998$$

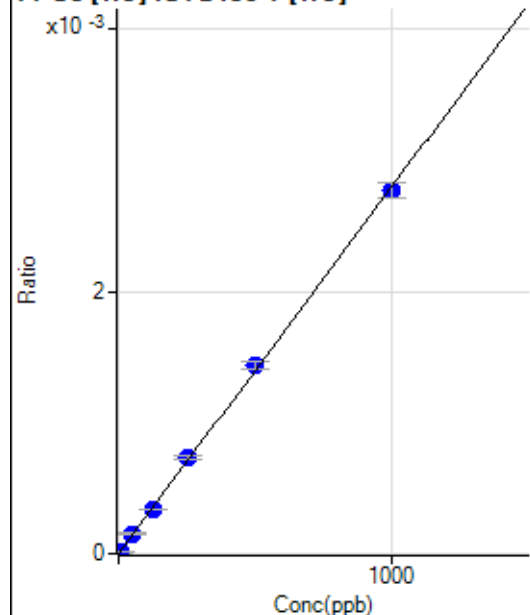
$$DL = 0$$

$$BEC = 0$$

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	☐	0.500	0.129	1.11	0.0000	P	173.
3	☐	5.000	5.291	45.56	0.0000	P	23.0
4	☐	50.000	53.475	455.57	0.0001	P	10.8
5	☐	125.000	121.016	1002.27	0.0003	P	0.9
6	☐	250.000	263.648	2131.28	0.0007	P	3.0
7	☐	500.000	513.988	4108.39	0.0014	P	4.3
8	☐	1000.000	989.917	7904.39	0.0028	P	4.1
9	☐			5.55	0.0000	P	125.

$$y = 2.7952\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

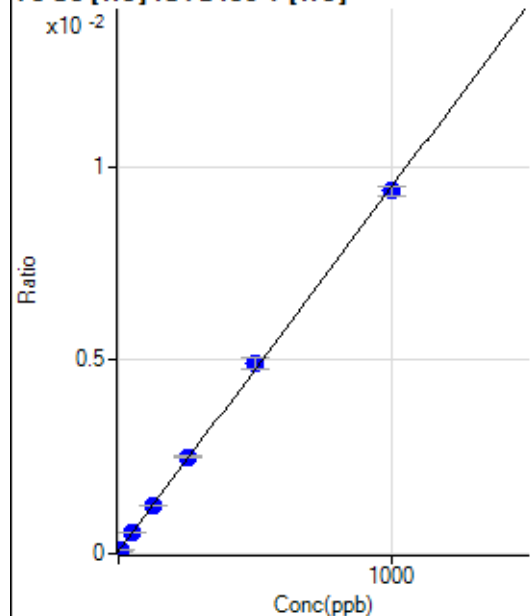
$$DL = 0$$

$$BEC = 0$$

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	192.22	0.0001	P	10.9
2	☐	0.500	0.792	216.67	0.0001	P	15.7
3	☐	5.000	4.376	322.23	0.0001	P	10.2
4	☐	50.000	52.373	1695.67	0.0006	P	0.6
5	☐	125.000	124.114	3648.26	0.0012	P	0.6
6	☐	250.000	258.908	7227.38	0.0025	P	1.5
7	☐	500.000	516.796	14084.58	0.0049	P	6.5
8	☐	1000.000	989.370	26786.52	0.0094	P	2.7
9	☐			195.56	0.0001	P	7.3

$$y = 9.4116\text{E-}006 * x + 6.3293\text{E-}005$$

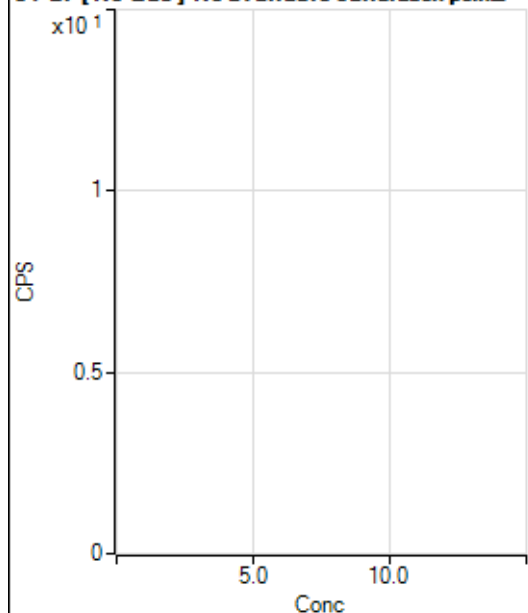
$$R = 0.9997$$

$$DL = 2.198$$

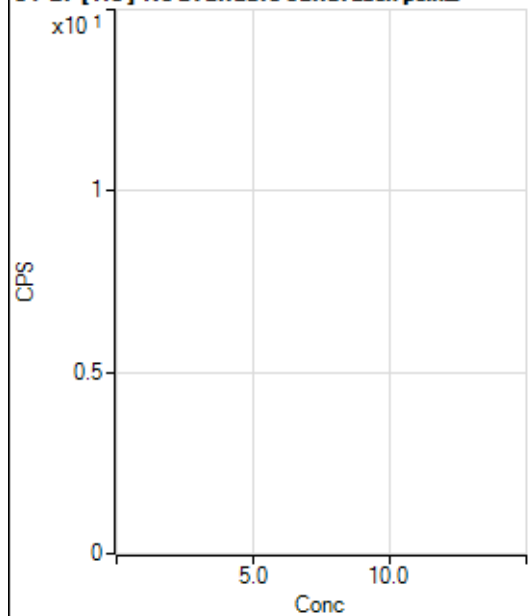
$$BEC = 6.725$$

Weight: <None>

Min Conc: 0

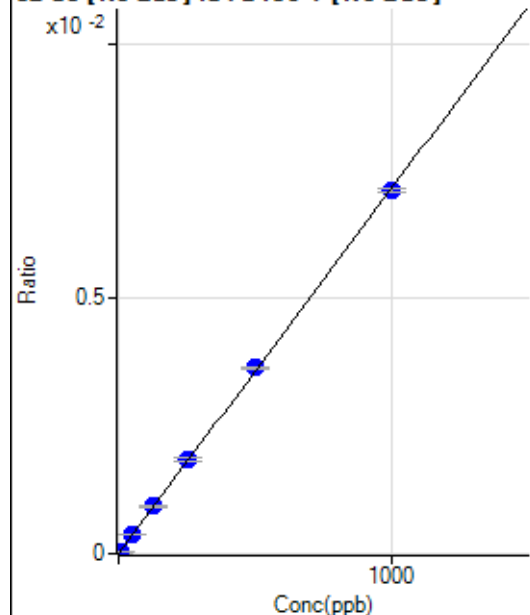
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32954.68		P	0.6
2	☐			33243.02		P	1.3
3	☐			32997.03		P	0.7
4	☐			32836.66		P	1.9
5	☐			31393.38		P	0.5
6	☐			31316.66		P	1.0
7	☐			30352.36		P	1.0
8	☐			30306.90		P	1.1
9	☐			29157.75		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	12.8
2	☐			115.56		P	20.9
3	☐			88.89		P	9.4
4	☐			62.22		P	34.4
5	☐			68.89		P	31.1
6	☐			55.56		P	39.0
7	☐			43.33		P	20.3
8	☐			53.34		P	39.0
9	☐			64.44		P	21.5

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.89	0.0000	P	101.
2	☐	0.500	0.426	61.07	0.0000	P	26.4
3	☐	5.000	5.109	450.63	0.0000	P	7.5
4	☐	50.000	54.093	4369.82	0.0004	P	1.9
5	☐	125.000	128.839	10478.68	0.0009	P	2.0
6	☐	250.000	256.461	20588.24	0.0018	P	3.9
7	☐	500.000	508.232	40490.52	0.0036	P	0.5
8	☐	1000.000	993.584	78509.68	0.0071	P	1.1
9	☐			181.98	0.0000	P	18.9

$$y = 7.1561\text{E-}006 * x + 2.2540\text{E-}006$$

$$R = 0.9999$$

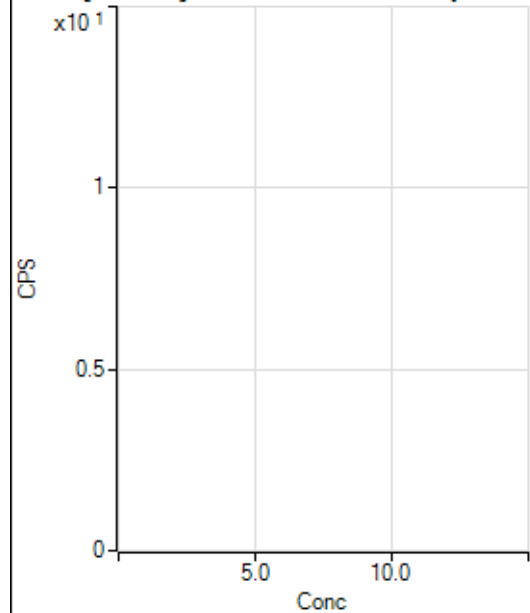
$$DL = 0.9574$$

$$BEC = 0.315$$

Weight: <None>

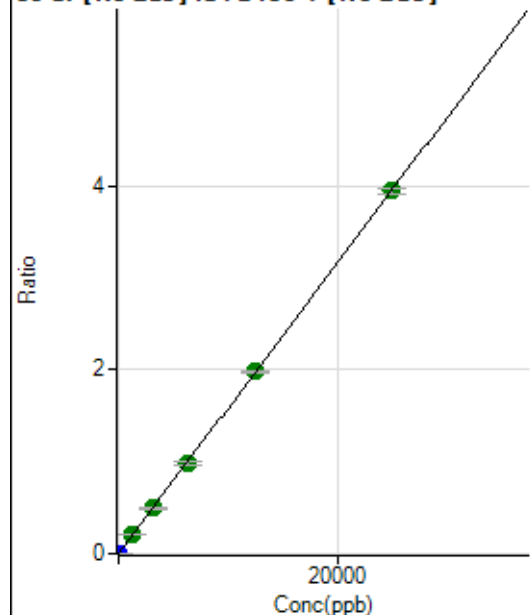
Min Conc: 0

83 Kr [No Gas] No available calibration points



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			92.22		P	27.6
2	☐			86.66		P	6.7
3	☐			77.78		P	31.0
4	☐			88.89		P	36.4
5	☐			88.89		P	24.4
6	☐			86.67		P	26.9
7	☐			108.89		P	11.6
8	☐			112.23		P	12.4
9	☐			104.45		P	26.8

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0000	P	8.4
2	☐	0.100	0.091	320.01	0.0000	P	3.6
3	☐	1.000	0.939	1877.92	0.0002	P	2.3
4	☐	1250.000	1298.031	2301054.67	0.2051	A	3.2
5	☐	3125.000	3126.603	5600249.91	0.4939	A	1.5
6	☐	6250.000	6227.995	11021051.78	0.9839	A	4.7
7	☐	12500.000	12519.547	22005959.39	1.9778	A	0.4
8	☐	25000.000	24993.126	43585228.80	3.9484	A	1.2
9	☐			16699.95	0.0017	P	18.3

$$y = 1.5798E-004 * x + 1.3366E-005$$

$$R = 1.0000$$

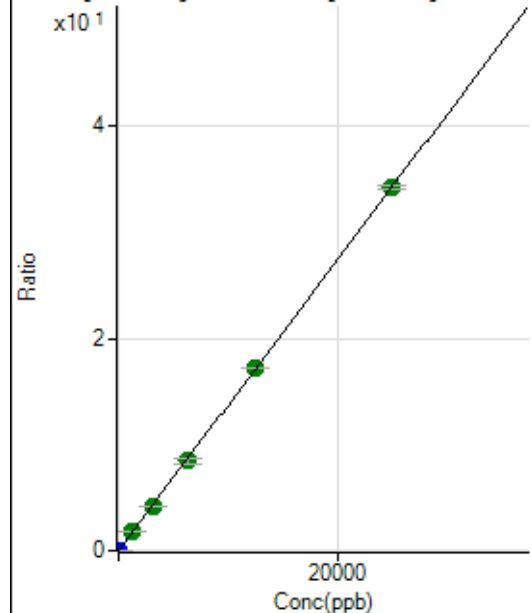
$$DL = 0.02126$$

$$BEC = 0.08461$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0000	P	7.1
2	☐	0.100	0.090	1568.99	0.0001	P	7.7
3	☐	1.000	0.947	15176.81	0.0013	P	2.6
4	☐	1250.000	1292.900	19841486.23	1.7683	A	3.3
5	☐	3125.000	3076.142	47700429.29	4.2073	A	0.6
6	☐	6250.000	6195.514	94888930.81	8.4737	A	5.7
7	☐	12500.000	12554.391	191045757.1	17.1709	A	0.4
8	☐	25000.000	24990.388	377302932.1	34.1798	A	1.0
9	☐			145587.26	0.0148	P	20.5

$$y = 0.0014 * x + 1.2685E-005$$

$$R = 1.0000$$

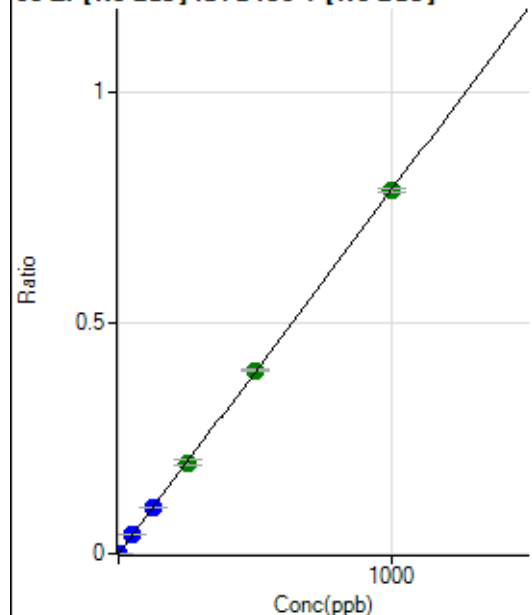
$$DL = 0.001965$$

$$BEC = 0.009275$$

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	302.23	0.0000	P	0.2
2	☐	0.100	0.092	1137.84	0.0001	P	6.1
3	☐	1.000	0.916	8698.22	0.0007	P	2.6
4	☐	50.000	52.551	465929.60	0.0415	P	2.1
5	☐	125.000	126.732	1134708.15	0.1001	P	0.5
6	☐	250.000	250.865	2218115.17	0.1981	A	5.9
7	☐	500.000	503.434	4422776.60	0.3975	A	0.9
8	☐	1000.000	997.723	8695969.87	0.7877	A	1.0
9	☐			3148.16	0.0003	P	21.4

$$y = 7.8951\text{E-}004 * x + 2.6338\text{E-}005$$

$$R = 1.0000$$

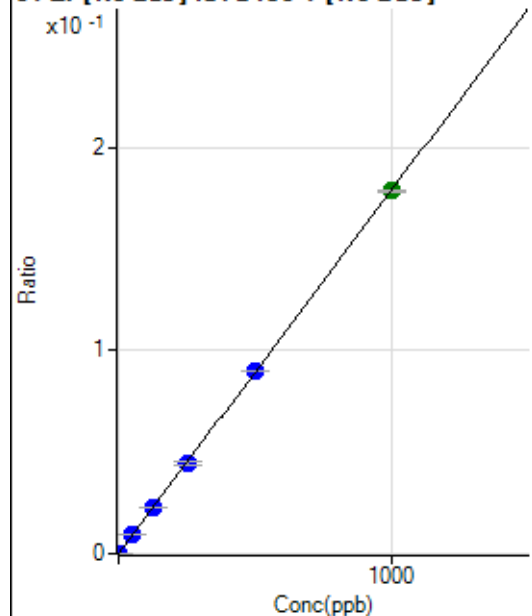
$$DL = 0.0002144$$

$$BEC = 0.03336$$

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	72.22	0.0000	P	34.6
2	☐	0.100	0.077	230.00	0.0000	P	17.1
3	☐	1.000	0.903	1949.04	0.0002	P	5.8
4	☐	50.000	52.056	104611.42	0.0093	P	2.6
5	☐	125.000	125.319	254335.24	0.0224	P	0.8
6	☐	250.000	248.956	498986.09	0.0446	P	5.6
7	☐	500.000	503.948	1003497.38	0.0902	P	0.2
8	☐	1000.000	998.144	1971867.37	0.1786	A	0.8
9	☐			677.80	0.0001	P	29.1

$$y = 1.7896\text{E-}004 * x + 6.2862\text{E-}006$$

$$R = 1.0000$$

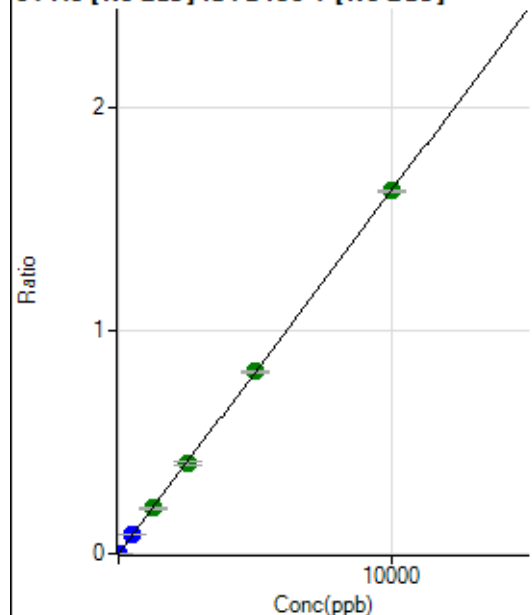
$$DL = 0.03642$$

$$BEC = 0.03513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0000	P	5.1
2	☐	0.500	0.541	1103.39	0.0001	P	1.9
3	☐	5.000	5.475	10419.34	0.0009	P	1.5
4	☐	500.000	527.090	961291.13	0.0857	P	2.6
5	☐	1250.000	1249.199	2301607.79	0.2030	A	0.9
6	☐	2500.000	2487.650	4527156.64	0.4043	A	5.5
7	☐	5000.000	5021.131	9078412.92	0.8160	A	1.2
8	☐	10000.000	9991.267	17922549.18	1.6236	A	0.8
9	☐			6401.54	0.0007	P	24.9

$$y = 1.6250E-004 * x + 7.9388E-006$$

$$R = 1.0000$$

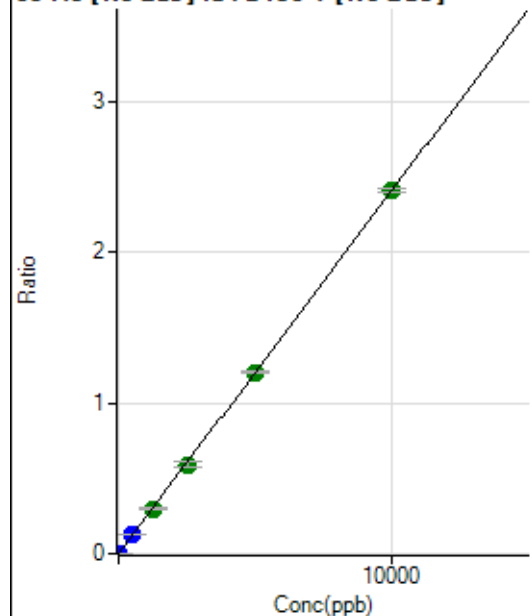
$$DL = 0.007482$$

$$BEC = 0.04885$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	19.3
2	☐	0.500	0.478	1363.41	0.0001	P	1.7
3	☐	5.000	4.559	12764.55	0.0011	P	0.3
4	☐	500.000	522.415	1409621.16	0.1256	P	2.1
5	☐	1250.000	1245.391	3394702.24	0.2994	A	1.2
6	☐	2500.000	2465.039	6636786.22	0.5927	A	5.6
7	☐	5000.000	5010.153	13402222.85	1.2046	A	0.3
8	☐	10000.000	10003.120	26547265.16	2.4050	A	1.0
9	☐			8331.48	0.0008	P	25.7

$$y = 2.4042E-004 * x + 3.5851E-006$$

$$R = 1.0000$$

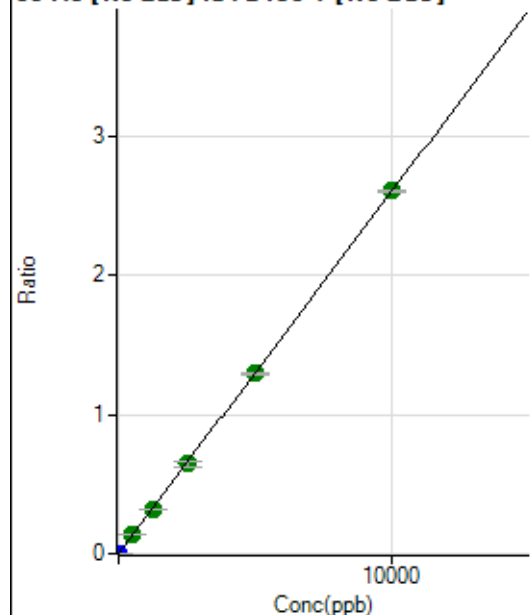
$$DL = 0.008617$$

$$BEC = 0.01491$$

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	86.67	0.0000	P	34.8
2	☐	0.500	0.471	1495.65	0.0001	P	6.1
3	☐	5.000	4.626	14040.15	0.0012	P	0.4
4	☐	500.000	513.629	1497680.67	0.1335	A	2.4
5	☐	1250.000	1233.478	3633572.97	0.3205	A	0.8
6	☐	2500.000	2475.018	7201995.73	0.6431	A	5.2
7	☐	5000.000	4972.455	14374291.31	1.2919	A	0.5
8	☐	10000.000	10021.402	28742879.29	2.6037	A	0.3
9	☐			19171.81	0.0020	P	11.0

$$y = 2.5982\text{E-}004 * x + 7.5441\text{E-}006$$

$$R = 1.0000$$

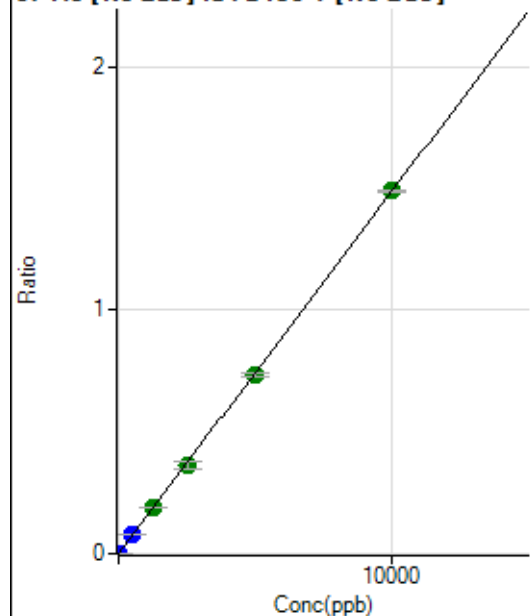
$$DL = 0.0303$$

$$BEC = 0.02904$$

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	21.11	0.0000	P	23.8
2	☐	0.500	0.461	810.03	0.0001	P	13.9
3	☐	5.000	4.627	8002.26	0.0007	P	1.1
4	☐	500.000	524.839	875206.21	0.0780	P	2.3
5	☐	1250.000	1261.010	2124377.21	0.1874	A	0.5
6	☐	2500.000	2447.330	4071149.70	0.3636	A	6.8
7	☐	5000.000	4959.357	8198565.29	0.7369	A	1.7
8	☐	10000.000	10030.871	16453385.31	1.4905	A	0.4
9	☐			5513.40	0.0006	P	26.5

$$y = 1.4859\text{E-}004 * x + 1.8392\text{E-}006$$

$$R = 1.0000$$

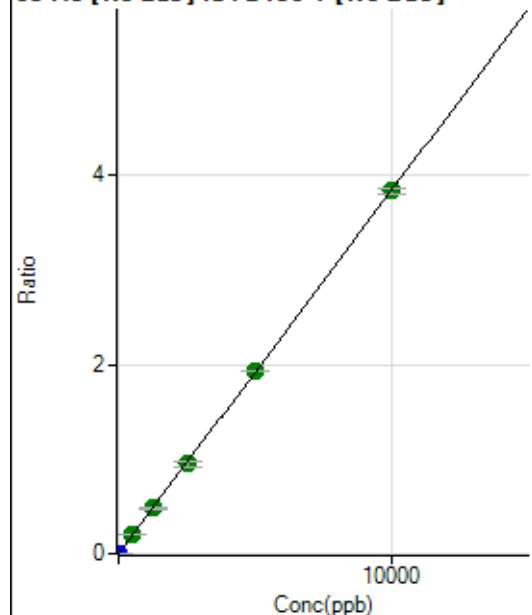
$$DL = 0.008839$$

$$BEC = 0.01238$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	17.9
2	☐	0.500	0.465	2083.50	0.0002	P	4.2
3	☐	5.000	4.551	20318.70	0.0018	P	1.1
4	☐	500.000	517.555	2230224.88	0.1988	A	2.9
5	☐	1250.000	1246.044	5424967.42	0.4785	A	1.3
6	☐	2500.000	2479.920	10663731.92	0.9523	A	5.9
7	☐	5000.000	5033.277	21505531.63	1.9329	A	0.1
8	☐	10000.000	9987.998	42339588.54	3.8355	A	1.4
9	☐			13254.58	0.0013	P	27.0

$$y = 3.8401\text{E-}004 * x + 2.5182\text{E-}006$$

$$R = 1.0000$$

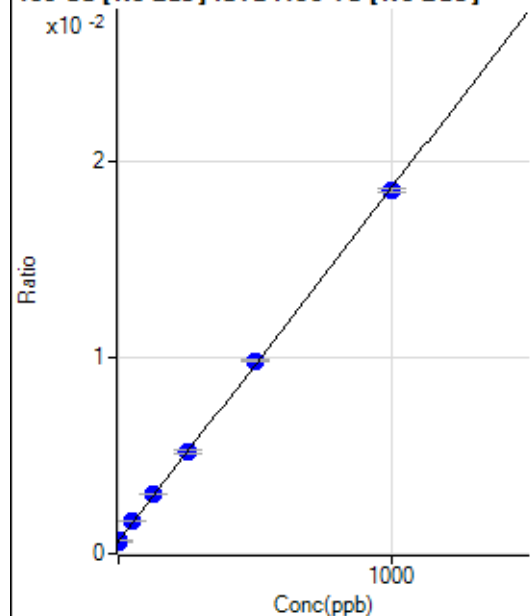
$$DL = 0.003526$$

$$BEC = 0.006558$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5070.93	0.0006	P	4.7
2	☐	0.100	0.341	5167.63	0.0006	P	5.4
3	☐	1.000	1.961	5336.58	0.0007	P	2.1
4	☐	50.000	57.193	12975.90	0.0017	P	2.7
5	☐	125.000	133.829	23973.16	0.0030	P	0.7
6	☐	250.000	253.317	41749.83	0.0052	P	4.4
7	☐	500.000	511.809	77641.54	0.0098	P	0.3
8	☐	1000.000	991.802	144700.06	0.0185	P	1.1
9	☐			4466.28	0.0006	P	2.6

$$y = 1.7968\text{E-}005 * x + 6.3205\text{E-}004$$

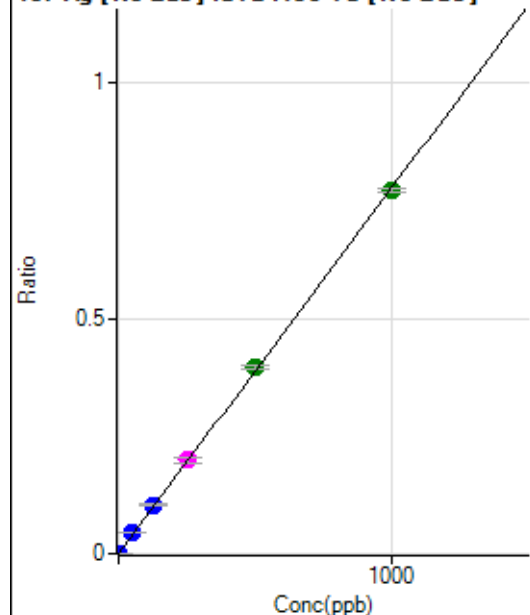
$$R = 0.9999$$

$$DL = 4.915$$

$$BEC = 35.18$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	16.1
2	☐	0.100	0.096	660.02	0.0001	P	7.2
3	☐	1.000	1.020	6378.12	0.0008	P	3.0
4	☐	50.000	56.154	340696.44	0.0436	P	1.8
5	☐	125.000	133.991	820723.24	0.1040	P	1.3
6	☐	250.000	255.299	1595234.61	0.1981	M	4.7
7	☐	500.000	509.229	3120777.28	0.3951	A	1.9
8	☐	1000.000	992.629	6039334.08	0.7701	A	1.0
9	☐			3041.47	0.0004	P	11.0

$$y = 7.7583\text{E-}004 * x + 6.9142\text{E-}006$$

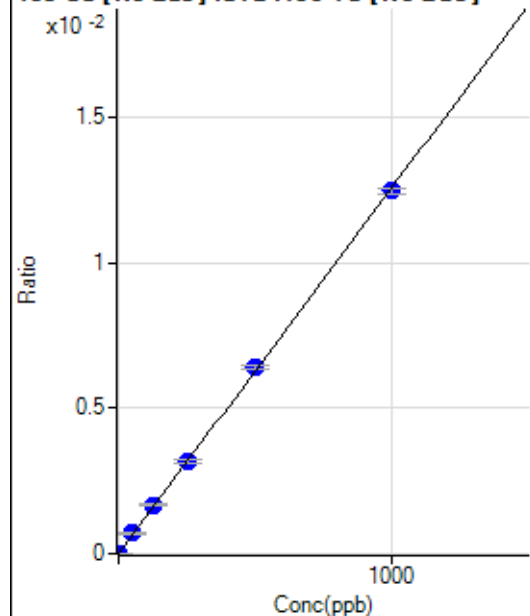
$$R = 0.9999$$

$$DL = 0.004315$$

$$BEC = 0.008912$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	67.3
2	☐	0.100	0.108	21.11	0.0000	P	8.5
3	☐	1.000	0.952	105.56	0.0000	P	15.1
4	☐	50.000	55.963	5503.32	0.0007	P	6.4
5	☐	125.000	134.026	13296.17	0.0017	P	0.9
6	☐	250.000	252.393	25526.99	0.0032	P	5.8
7	☐	500.000	510.412	50635.78	0.0064	P	2.0
8	☐	1000.000	992.769	97761.01	0.0125	P	1.9
9	☐			60.00	0.0000	P	15.6

$$y = 1.2557\text{E-}005 * x + 1.2520\text{E-}006$$

$$R = 0.9999$$

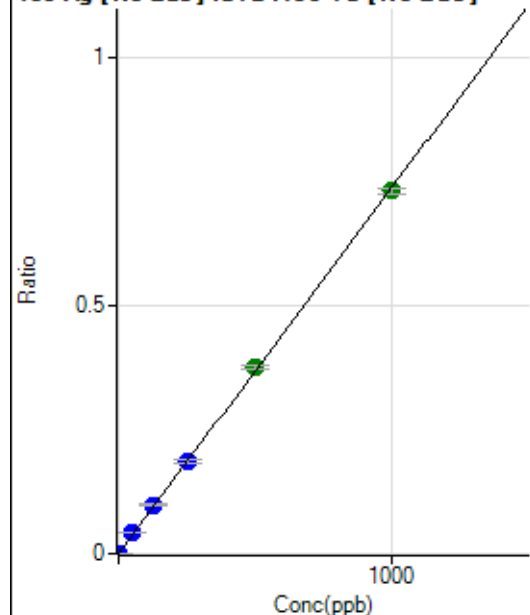
$$DL = 0.2014$$

$$BEC = 0.09971$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	34.4
2	☐	0.100	0.098	593.35	0.0001	P	10.8
3	☐	1.000	1.032	6090.23	0.0008	P	5.1
4	☐	50.000	56.435	325278.42	0.0416	P	0.4
5	☐	125.000	133.802	778523.87	0.0986	P	1.1
6	☐	250.000	254.747	1512263.12	0.1878	P	4.3
7	☐	500.000	509.999	2969027.53	0.3759	A	2.4
8	☐	1000.000	992.392	5735563.67	0.7314	A	1.7
9	☐			2905.88	0.0004	P	10.8

$$y = 7.3703\text{E-}004 * x + 1.3833\text{E-}006$$

$$R = 0.9999$$

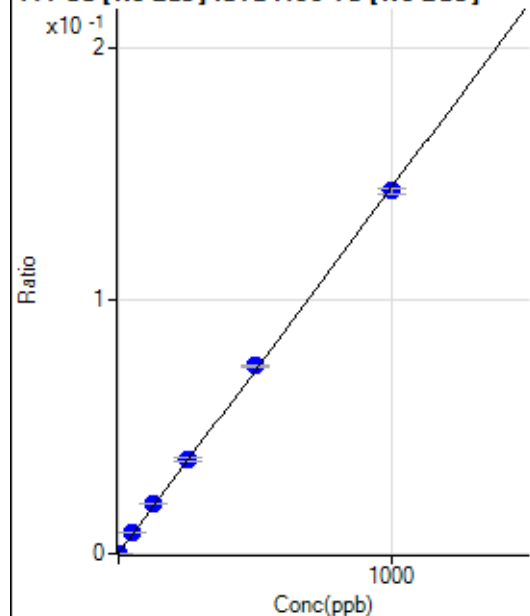
$$DL = 0.001937$$

$$BEC = 0.001877$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.63	0.0001	P	4.7
2	☐	0.100	0.104	1143.20	0.0001	P	3.5
3	☐	1.000	1.086	2262.39	0.0003	P	1.5
4	☐	50.000	55.878	64128.56	0.0082	P	0.8
5	☐	125.000	134.136	154010.01	0.0195	P	1.4
6	☐	250.000	255.690	298594.52	0.0371	P	4.4
7	☐	500.000	512.086	585517.54	0.0741	P	1.6
8	☐	1000.000	991.098	1124034.56	0.1433	P	1.2
9	☐			1360.16	0.0002	P	7.1

$$y = 1.4450\text{E-}004 * x + 1.2609\text{E-}004$$

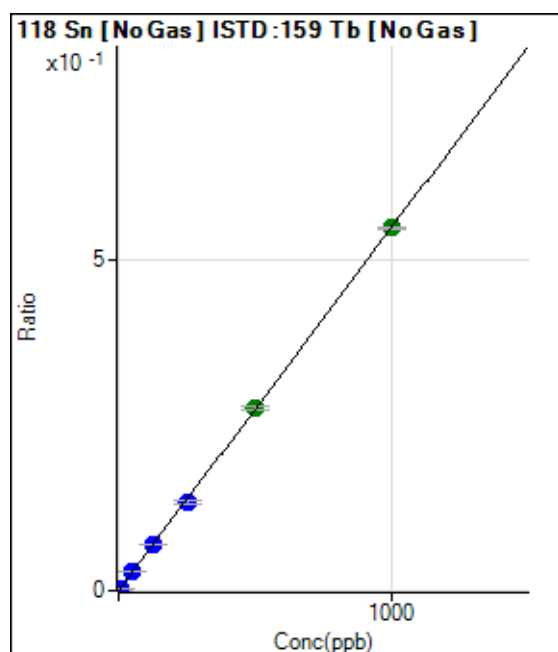
$$R = 0.9998$$

$$DL = 0.1227$$

$$BEC = 0.8726$$

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	6.9
2	☐	0.500	0.429	2901.43	0.0004	P	9.2
3	☐	5.000	4.778	21963.52	0.0027	P	5.4
4	☐	50.000	52.748	227584.60	0.0291	P	1.4
5	☐	125.000	127.450	553813.49	0.0702	P	0.7
6	☐	250.000	244.185	1081595.94	0.1343	P	4.5
7	☐	500.000	503.404	2185785.43	0.2767	A	2.2
8	☐	1000.000	999.309	4307095.73	0.5492	A	0.6
9	☐			2951.45	0.0004	P	12.0

$$y = 5.4945\text{E-}004 * x + 1.2270\text{E-}004$$

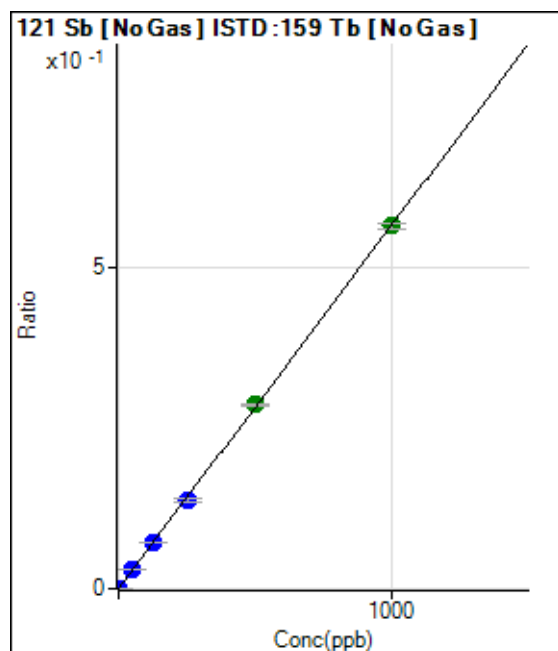
$$R = 1.0000$$

$$DL = 0.04629$$

$$BEC = 0.2233$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0000	P	34.0
2	☐	0.200	0.177	835.59	0.0001	P	6.6
3	☐	2.000	1.890	8567.05	0.0011	P	1.9
4	☐	50.000	51.470	227543.00	0.0291	P	0.9
5	☐	125.000	125.192	558723.19	0.0708	P	0.6
6	☐	250.000	241.896	1101338.60	0.1367	P	4.5
7	☐	500.000	506.141	2260335.30	0.2861	A	0.7
8	☐	1000.000	998.858	4427696.22	0.5646	A	1.5
9	☐			2719.18	0.0004	P	8.1

$$y = 5.6528\text{E-}004 * x + 3.3295\text{E-}006$$

$$R = 0.9999$$

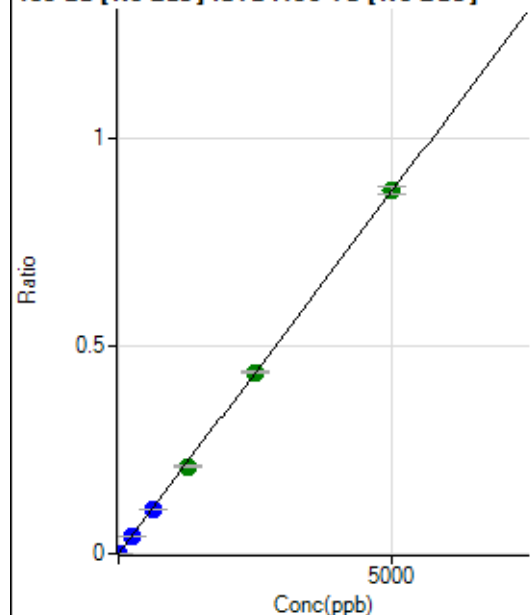
$$DL = 0.006007$$

$$BEC = 0.00589$$

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	16.67	0.0000	P	53.3
2	☐	1.000	0.863	1237.85	0.0002	P	8.2
3	☐	10.000	9.071	12687.96	0.0016	P	0.8
4	☐	250.000	251.553	343696.59	0.0440	P	0.3
5	☐	625.000	609.458	840587.37	0.1065	P	1.2
6	☐	1250.000	1206.715	1698197.42	0.2108	A	4.0
7	☐	2500.000	2503.617	3455184.91	0.4374	A	1.4
8	☐	5000.000	5010.880	6864602.05	0.8754	A	2.2
9	☐			4707.50	0.0007	P	9.5

$$y = 1.7471\text{E-}004 * x + 2.0778\text{E-}006$$

$$R = 1.0000$$

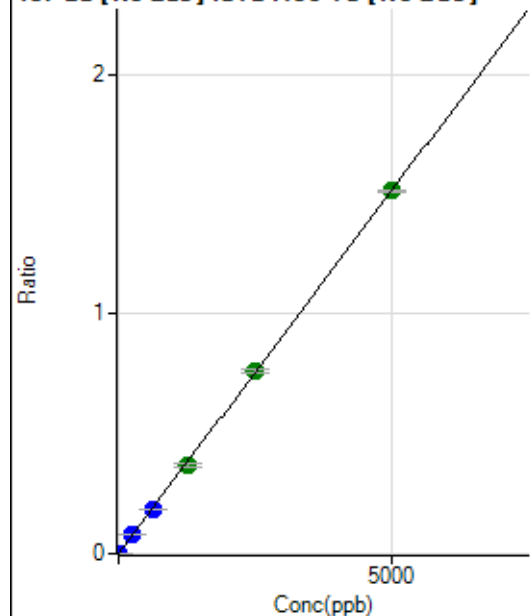
$$DL = 0.019$$

$$BEC = 0.01189$$

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	16.67	0.0000	P	20.4
2	☐	1.000	0.924	2284.65	0.0003	P	3.0
3	☐	10.000	9.116	22096.12	0.0028	P	2.9
4	☐	250.000	254.436	602823.54	0.0771	P	1.0
5	☐	625.000	617.292	1476491.14	0.1870	P	1.1
6	☐	1250.000	1221.385	2981429.02	0.3701	A	3.2
7	☐	2500.000	2516.742	6023285.88	0.7625	A	1.8
8	☐	5000.000	4999.526	11878928.99	1.5148	A	0.6
9	☐			8091.28	0.0012	P	8.0

$$y = 3.0298\text{E-}004 * x + 2.0775\text{E-}006$$

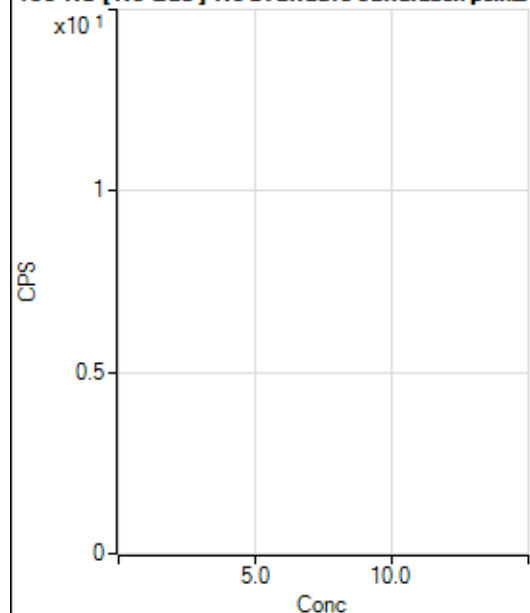
$$R = 1.0000$$

$$DL = 0.004197$$

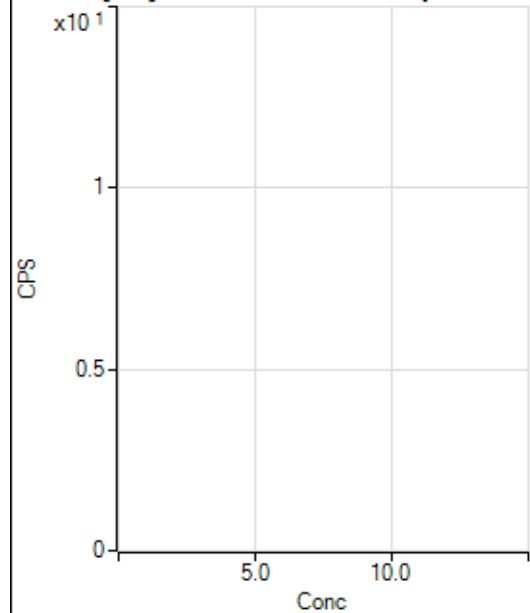
$$BEC = 0.006857$$

Weight: <None>

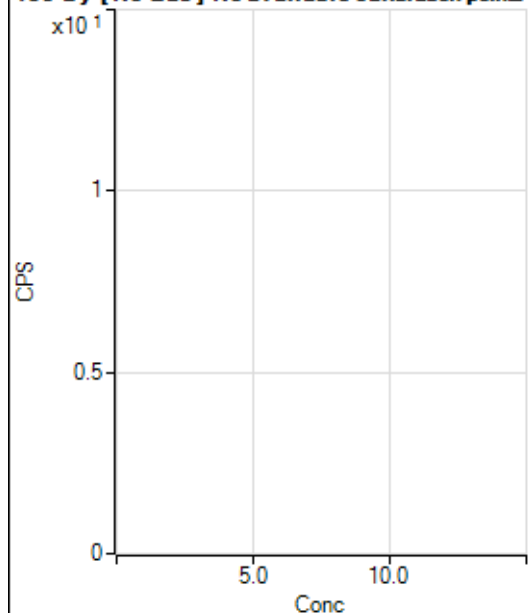
Min Conc: 0

150 Nd [No Gas] No available calibration points

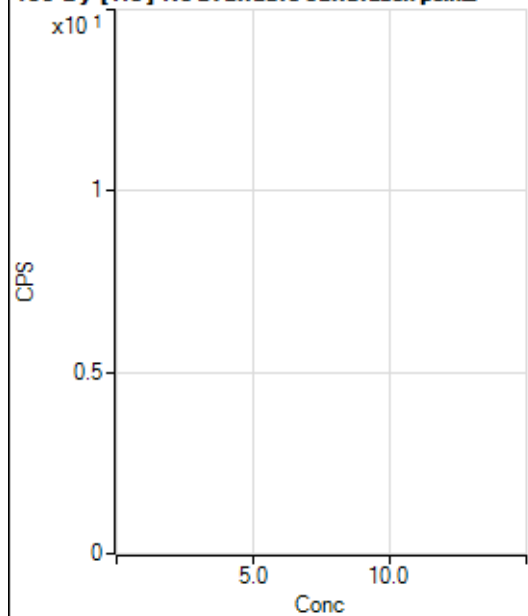
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			10.00		P	57.7
4	☐			74.44		P	29.8
5	☐			175.56		P	15.3
6	☐			298.90		P	7.4
7	☐			686.69		P	8.9
8	☐			1184.51		P	6.2
9	☐			44.44		P	18.9

150 Nd [He] No available calibration points

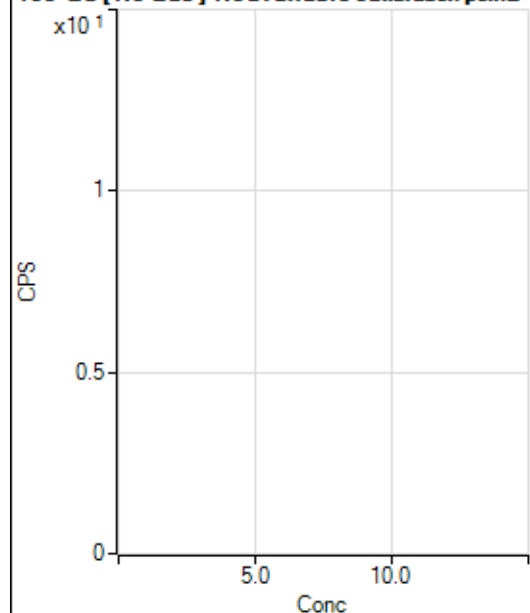
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	65.5
3	☐			3.33		P	100.
4	☐			15.55		P	44.6
5	☐			18.89		P	53.9
6	☐			66.67		P	17.3
7	☐			130.00		P	11.2
8	☐			227.78		P	17.5
9	☐			16.67		P	34.6

156 Dy [No Gas] No available calibration points

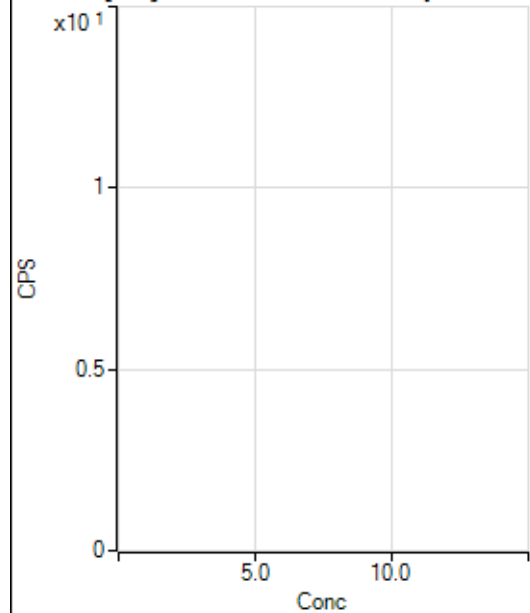
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			6.67		P	50.0
3	☐			7.78		P	89.2
4	☐			33.33		P	10.0
5	☐			57.78		P	12.0
6	☐			108.89		P	12.7
7	☐			252.23		P	3.1
8	☐			433.35		P	16.1
9	☐			1186.73		P	3.7

156 Dy [He] No available calibration points

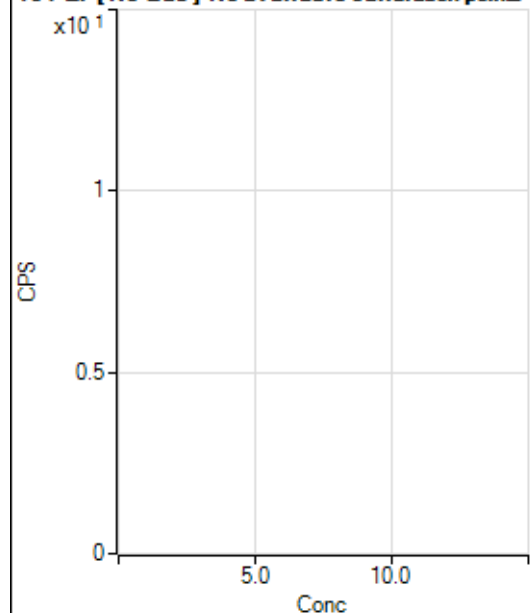
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			1.11		P	173.
3	☐			5.55		P	124.
4	☐			18.89		P	10.2
5	☐			52.22		P	26.6
6	☐			110.00		P	3.0
7	☐			221.11		P	8.6
8	☐			380.01		P	18.3
9	☐			751.14		P	9.3

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

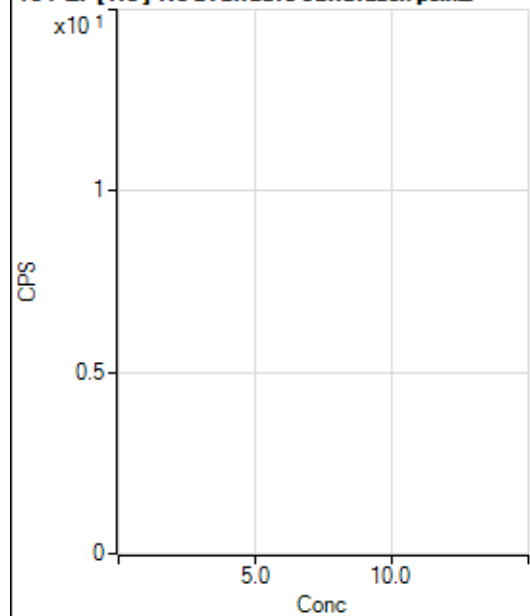
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	56.8
2	☐			28.89		P	24.0
3	☐			24.44		P	41.7
4	☐			50.00		P	17.6
5	☐			72.22		P	11.6
6	☐			101.11		P	33.0
7	☐			173.34		P	20.0
8	☐			312.23		P	11.4
9	☐			1220.07		P	7.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			201.12		P	20.0
2	☐			201.11		P	4.2
3	☐			214.45		P	10.9
4	☐			191.11		P	18.7
5	☐			235.56		P	17.6
6	☐			253.34		P	13.7
7	☐			307.79		P	2.3
8	☐			383.34		P	8.3
9	☐			996.71		P	6.7

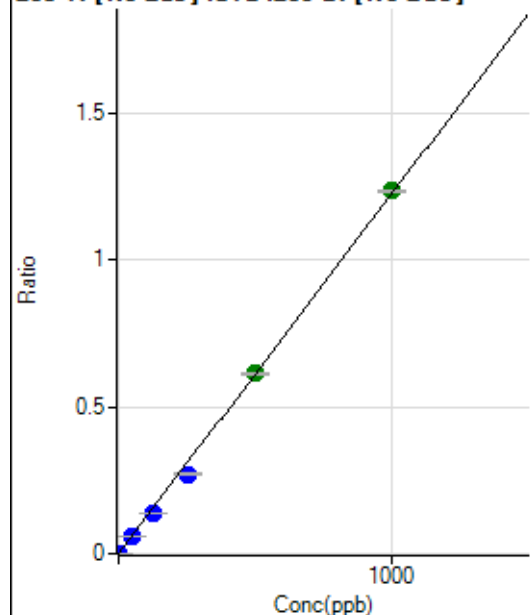
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	11.6
2	☐			44.44		P	26.3
3	☐			58.89		P	17.3
4	☐			65.56		P	14.7
5	☐			61.11		P	17.5
6	☐			66.67		P	26.0
7	☐			71.11		P	16.5
8	☐			91.11		P	7.6
9	☐			86.67		P	3.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	35.2
2	☐			33.33		P	26.5
3	☐			34.44		P	5.6
4	☐			40.00		P	22.0
5	☐			42.22		P	22.8
6	☐			26.67		P	25.0
7	☐			50.00		P	23.1
8	☐			62.22		P	34.9
9	☐			58.89		P	3.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	10.1
2	☐	0.100	0.080	585.57	0.0001	P	3.1
3	☐	1.000	0.847	5681.23	0.0010	P	1.7
4	☐	50.000	46.205	300066.99	0.0566	P	1.3
5	☐	125.000	112.812	737871.73	0.1382	P	0.5
6	☐	250.000	221.582	1464833.50	0.2715	P	3.4
7	☐	500.000	499.996	3160716.17	0.6127	A	0.7
8	☐	1000.000	1008.820	6167161.64	1.2362	A	0.8
9	☐			1532.33	0.0004	P	34.3

$$y = 0.0012 * x + 9.6114E-006$$

$$R = 0.9995$$

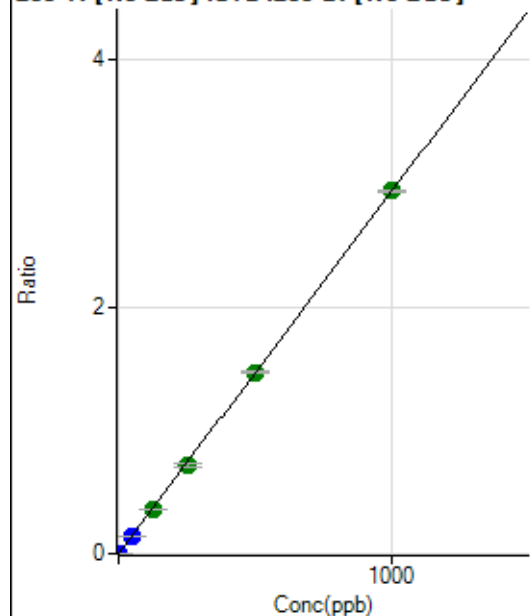
$$DL = 0.002384$$

$$BEC = 0.007844$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.22	0.0000	P	26.1
2	☐	0.100	0.081	1423.42	0.0003	P	3.9
3	☐	1.000	0.844	13555.71	0.0025	P	1.4
4	☐	50.000	46.201	717999.13	0.1355	P	2.1
5	☐	125.000	120.470	1885830.37	0.3533	A	1.0
6	☐	250.000	242.752	3840241.19	0.7119	A	4.1
7	☐	500.000	501.182	7582154.54	1.4698	A	1.0
8	☐	1000.000	1001.977	14659328.39	2.9384	A	0.8
9	☐			3539.43	0.0009	P	34.2

$$y = 0.0029 * x + 2.4340E-005$$

$$R = 1.0000$$

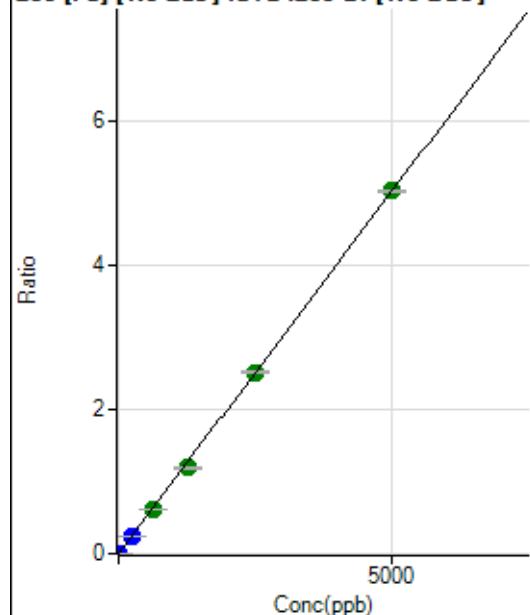
$$DL = 0.006504$$

$$BEC = 0.0083$$

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	190.00	0.0000	P	14.1
2	☐	0.100	0.081	633.35	0.0001	P	12.2
3	☐	1.000	0.849	4816.46	0.0009	P	3.0
4	☐	250.000	230.780	1229220.80	0.2320	P	1.7
5	☐	625.000	605.055	3245899.88	0.6081	A	0.6
6	☐	1250.000	1192.004	6464393.31	1.1980	A	2.5
7	☐	2500.000	2509.352	13011423.69	2.5220	A	0.1
8	☐	5000.000	5013.277	25137230.46	5.0386	A	0.7
9	☐			7746.82	0.0019	P	19.5

$$y = 0.0010 * x + 3.4973E-005$$

$$R = 0.9999$$

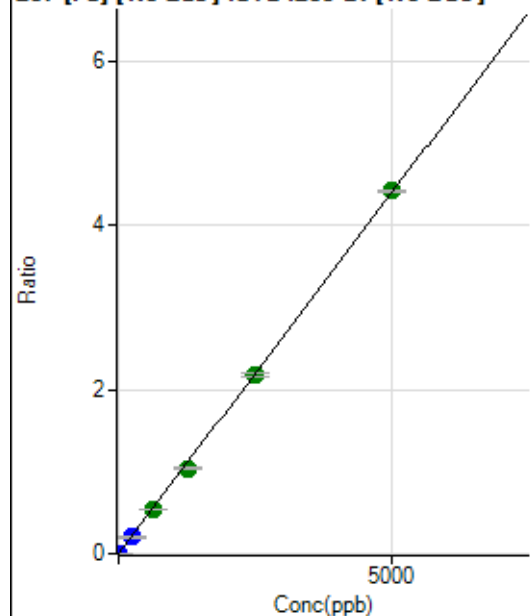
$$DL = 0.0147$$

$$BEC = 0.0348$$

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	193.34	0.0000	P	1.7
2	☐	0.100	0.074	548.90	0.0001	P	3.1
3	☐	1.000	0.795	3977.29	0.0007	P	3.4
4	☐	250.000	226.626	1054200.27	0.1990	P	2.0
5	☐	625.000	603.470	2827459.23	0.5298	A	1.0
6	☐	1250.000	1181.129	5594945.96	1.0368	A	2.0
7	☐	2500.000	2484.267	11249462.88	2.1807	A	1.5
8	☐	5000.000	5028.944	22022995.23	4.4144	A	0.7
9	☐			6451.68	0.0016	P	23.6

$$y = 8.7778E-004 * x + 3.5573E-005$$

$$R = 0.9999$$

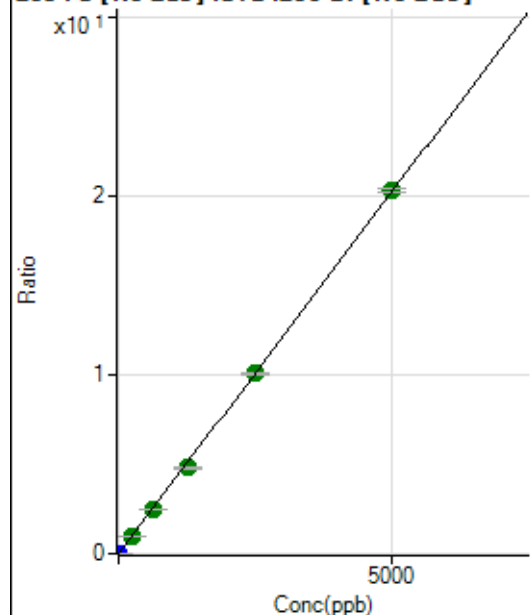
$$DL = 0.002108$$

$$BEC = 0.04053$$

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	751.13	0.0001	P	3.8
2	☐	0.100	0.081	2526.78	0.0005	P	2.9
3	☐	1.000	0.829	18879.78	0.0035	P	0.8
4	☐	250.000	241.250	5157099.85	0.9734	A	2.6
5	☐	625.000	608.396	13100620.53	2.4546	A	1.2
6	☐	1250.000	1189.593	25891833.08	4.7993	A	3.4
7	☐	2500.000	2492.846	51881930.33	10.0570	A	0.9
8	☐	5000.000	5021.192	101059256.0	20.2572	A	1.1
9	☐			30064.97	0.0074	P	21.7

$$y = 0.0040 * x + 1.3822E-004$$

$$R = 0.9999$$

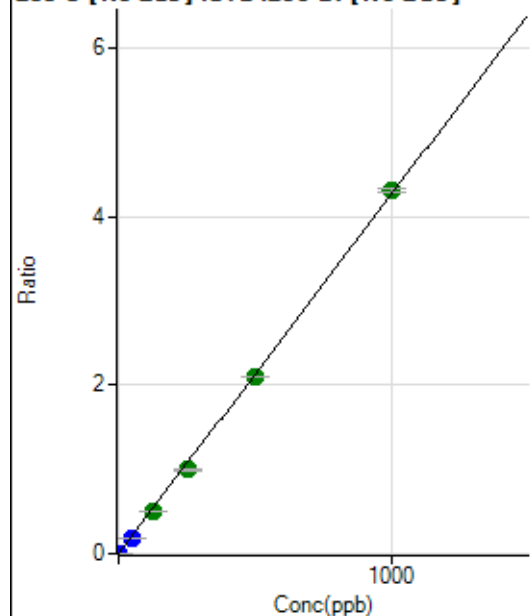
$$DL = 0.003891$$

$$BEC = 0.03426$$

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	2.22	0.0000	P	86.6
2	☐	0.100	0.076	1767.92	0.0003	P	1.1
3	☐	1.000	0.761	17584.22	0.0032	P	3.7
4	☐	50.000	41.902	946477.36	0.1786	P	2.0
5	☐	125.000	117.426	2671685.66	0.5006	A	1.4
6	☐	250.000	234.543	5394708.95	0.9999	A	2.9
7	☐	500.000	492.377	10828473.03	2.0990	A	0.6
8	☐	1000.000	1009.027	21461300.10	4.3015	A	1.2
9	☐			3772.88	0.0009	P	38.4

$$y = 0.0043 * x + 4.0808E-007$$

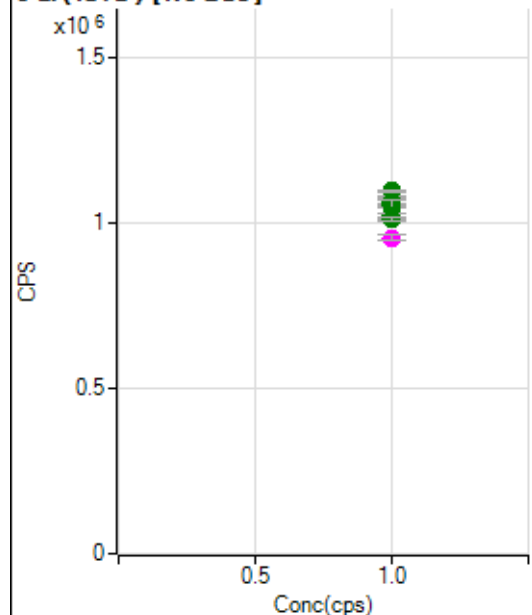
$$R = 0.9998$$

$$DL = 0.0002487$$

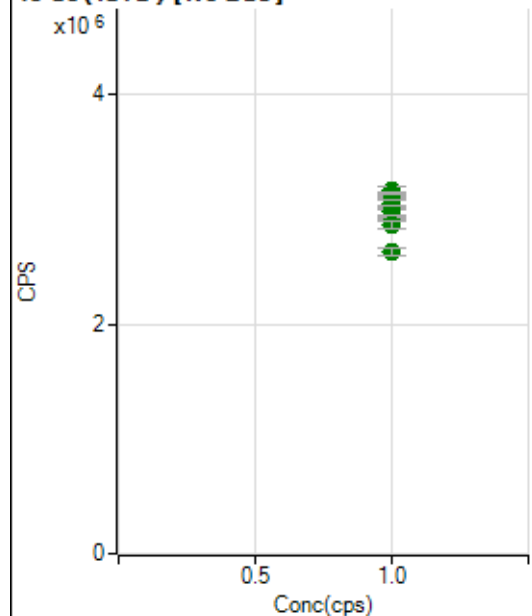
$$BEC = 9.573E-05$$

Weight: <None>

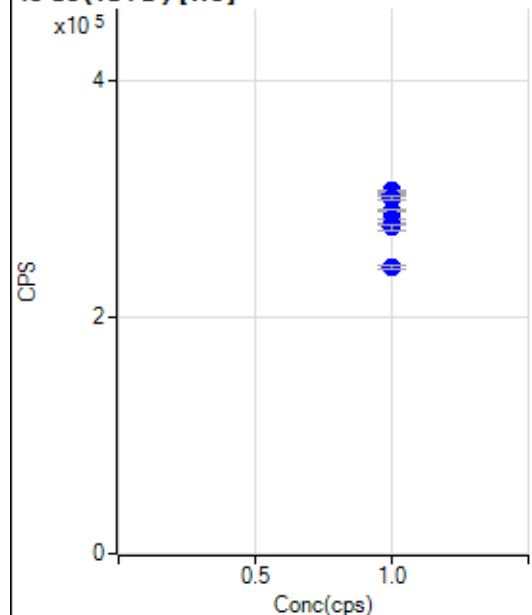
Min Conc: 0

6 Li (ISTD) [No Gas]

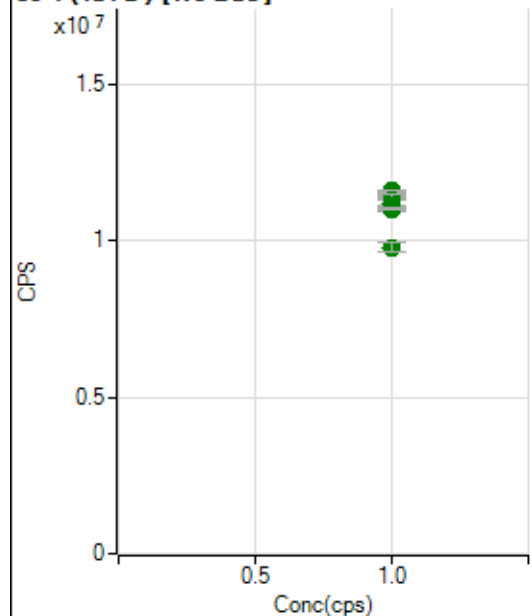
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1064559.80		A	1.7
2	☐	1.000		1071733.41		A	2.0
3	☐	1.000		1058015.50		A	1.9
4	☐	1.000		1050654.66		A	4.2
5	☐	1.000		1097391.28		A	0.7
6	☐	1.000		1050919.25		A	3.8
7	☐	1.000		1021706.63		A	1.8
8	☐	1.000		1014282.68		A	1.1
9	☐	1.000		956662.73		M	2.4

45 Sc (ISTD) [No Gas]

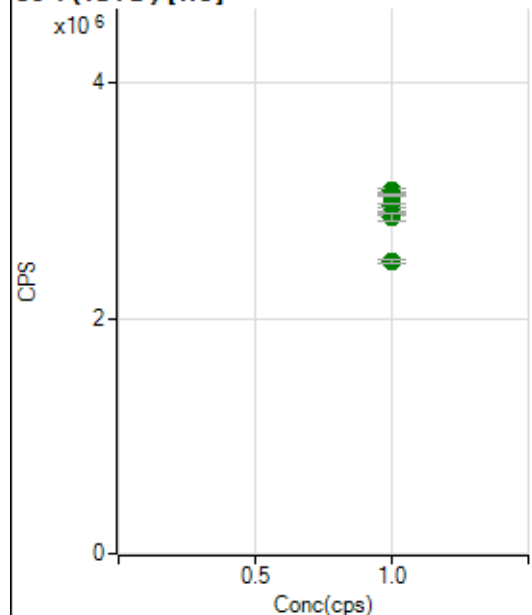
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3115176.66		A	0.6
2	☐	1.000		3163865.96		A	2.4
3	☐	1.000		3141957.42		A	0.9
4	☐	1.000		3051711.90		A	2.7
5	☐	1.000		3007366.93		A	0.8
6	☐	1.000		2977334.99		A	4.2
7	☐	1.000		2943668.67		A	1.0
8	☐	1.000		2870225.96		A	2.5
9	☐	1.000		2629133.80		A	2.2

45 Sc (ISTD) [He]

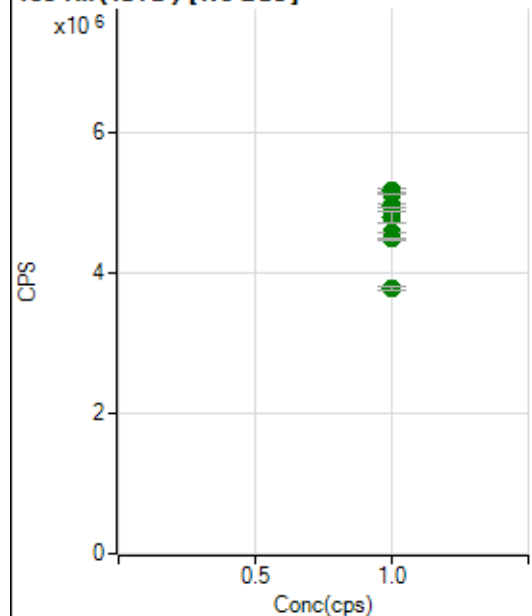
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		303780.46		P	0.5
2	☐	1.000		303733.88		P	0.6
3	☐	1.000		306537.40		P	0.5
4	☐	1.000		300712.85		P	0.6
5	☐	1.000		289960.42		P	0.5
6	☐	1.000		282681.84		P	0.3
7	☐	1.000		278572.58		P	0.7
8	☐	1.000		275896.62		P	1.8
9	☐	1.000		241767.13		P	1.5

89 Y (ISTD) [No Gas]

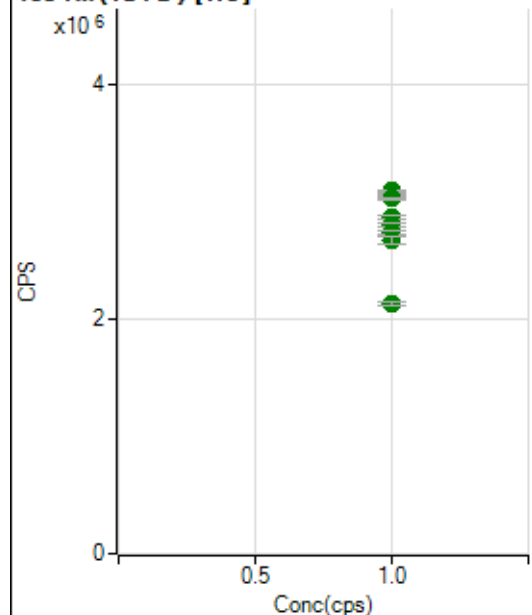
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11475086.36		A	0.5
2	☐	1.000		11513776.50		A	0.5
3	☐	1.000		11608018.44		A	0.7
4	☐	1.000		11226893.65		A	2.7
5	☐	1.000		11337633.30		A	0.2
6	☐	1.000		11219074.14		A	5.0
7	☐	1.000		11126343.17		A	0.6
8	☐	1.000		11038888.17		A	0.7
9	☐	1.000		9798170.20		A	3.1

89 Y(ISTD) [He]

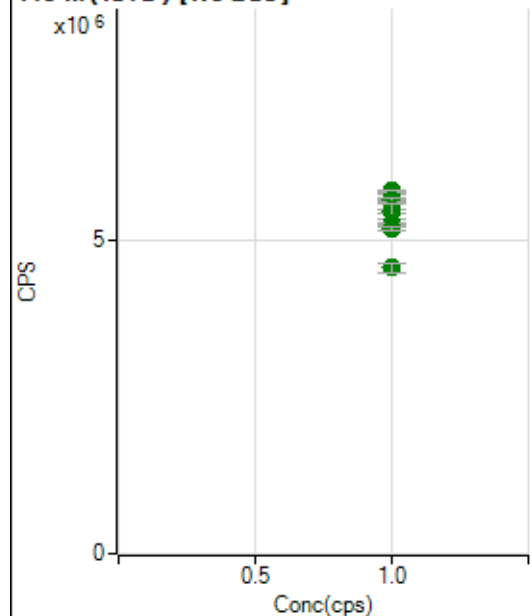
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3037774.40		A	0.3
2	☐	1.000		3065514.96		A	0.9
3	☐	1.000		3082795.13		A	1.0
4	☐	1.000		3048702.21		A	0.7
5	☐	1.000		2962839.50		A	1.3
6	☐	1.000		2891230.27		A	1.5
7	☐	1.000		2861500.86		A	2.5
8	☐	1.000		2858354.57		A	2.2
9	☐	1.000		2489967.43		A	1.2

103 Rh(ISTD) [No Gas]

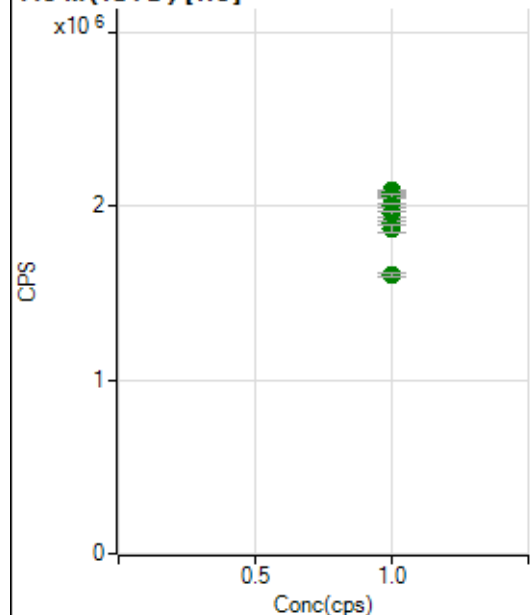
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5159393.71		A	1.0
2	☐	1.000		5138216.80		A	0.5
3	☐	1.000		5106577.46		A	0.1
4	☐	1.000		4948374.16		A	0.8
5	☐	1.000		4924553.95		A	0.3
6	☐	1.000		4787790.66		A	3.7
7	☐	1.000		4572507.68		A	0.3
8	☐	1.000		4481454.97		A	0.7
9	☐	1.000		3776906.26		A	1.6

103 Rh (ISTD) [He]

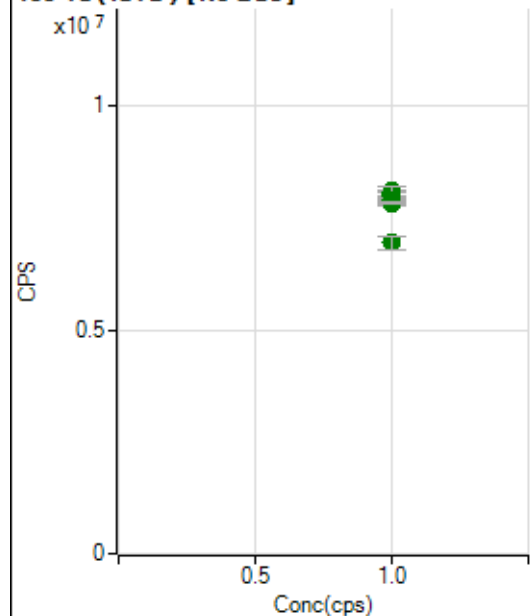
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3069807.63		A	0.5
2	☐	1.000		3069263.70		A	1.2
3	☐	1.000		3087621.73		A	0.7
4	☐	1.000		3021319.16		A	0.7
5	☐	1.000		2868034.30		A	1.1
6	☐	1.000		2797035.55		A	1.1
7	☐	1.000		2735727.53		A	1.0
8	☐	1.000		2671606.37		A	2.4
9	☐	1.000		2135043.21		A	1.6

115 In (ISTD) [No Gas]

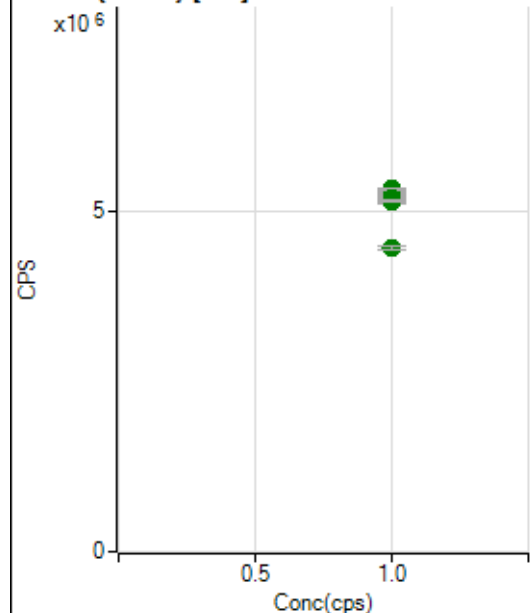
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5673663.98		A	1.7
2	☐	1.000		5774635.53		A	0.4
3	☐	1.000		5622255.88		A	1.0
4	☐	1.000		5491148.43		A	3.1
5	☐	1.000		5479649.30		A	0.4
6	☐	1.000		5448511.24		A	4.3
7	☐	1.000		5252865.55		A	0.7
8	☐	1.000		5174533.32		A	1.1
9	☐	1.000		4545338.83		A	4.0

115 In (ISTD) [He]

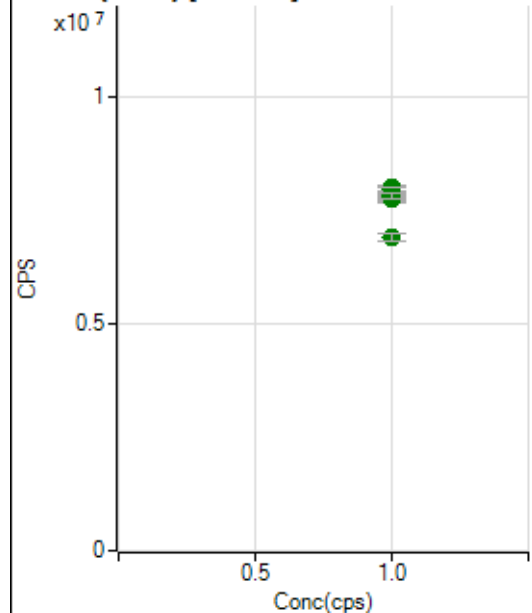
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2078081.67		A	1.7
2	☐	1.000		2089635.07		A	0.5
3	☐	1.000		2082388.86		A	0.7
4	☐	1.000		2062189.69		A	0.9
5	☐	1.000		2004993.69		A	1.4
6	☐	1.000		1956183.53		A	1.8
7	☐	1.000		1902322.80		A	0.9
8	☐	1.000		1871022.04		A	2.4
9	☐	1.000		1605734.57		A	0.9

159 Tb (ISTD) [No Gas]

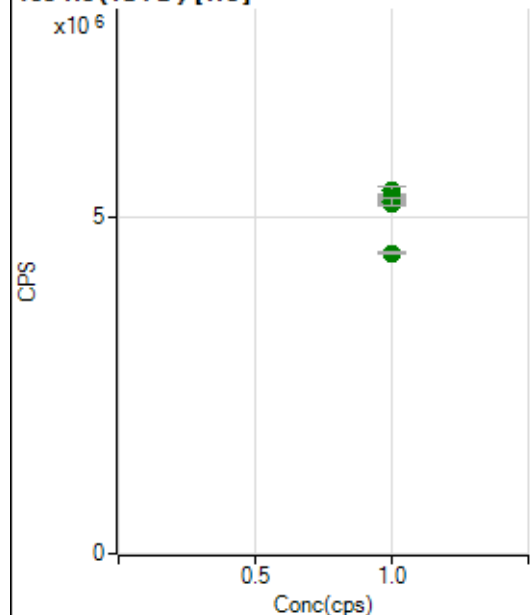
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8025721.55		A	1.1
2	☐	1.000		8098757.87		A	0.6
3	☐	1.000		7996085.23		A	1.5
4	☐	1.000		7820338.77		A	1.4
5	☐	1.000		7894902.17		A	0.8
6	☐	1.000		8063100.37		A	3.8
7	☐	1.000		7900065.92		A	1.0
8	☐	1.000		7842270.30		A	0.9
9	☐	1.000		6935046.98		A	3.9

159 Tb (ISTD) [He]

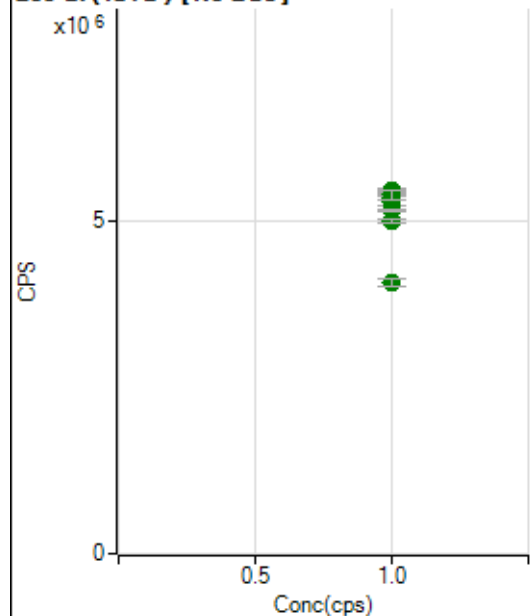
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5264576.31		A	0.8
2	☐	1.000		5251933.08		A	0.8
3	☐	1.000		5223911.59		A	0.7
4	☐	1.000		5340203.78		A	0.6
5	☐	1.000		5205791.76		A	0.5
6	☐	1.000		5188498.12		A	0.7
7	☐	1.000		5154073.64		A	1.3
8	☐	1.000		5158786.66		A	0.4
9	☐	1.000		4480467.50		A	1.5

165 Ho (ISTD) [No Gas]

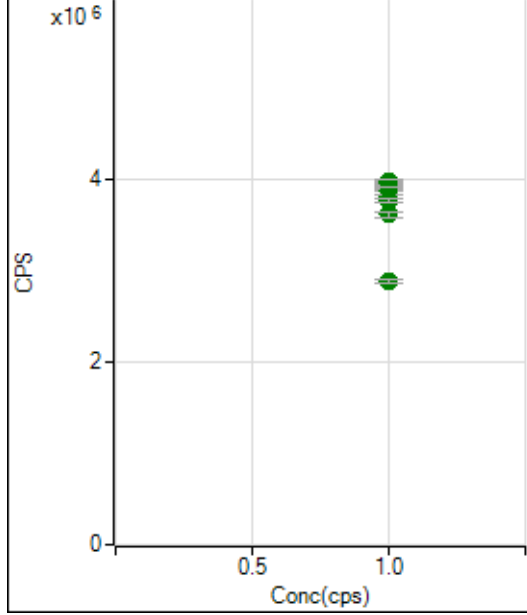
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7997773.42		A	1.6
2	☐	1.000		7885810.16		A	0.8
3	☐	1.000		7979479.32		A	1.1
4	☐	1.000		7795832.80		A	2.3
5	☐	1.000		7913076.69		A	0.4
6	☐	1.000		7839398.08		A	4.3
7	☐	1.000		7762205.79		A	0.6
8	☐	1.000		7814330.23		A	1.4
9	☐	1.000		6904021.15		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5295517.00		A	1.3
2	☐	1.000		5285642.39		A	1.4
3	☐	1.000		5402142.80		A	2.1
4	☐	1.000		5296482.84		A	0.5
5	☐	1.000		5258960.58		A	1.3
6	☐	1.000		5213679.64		A	0.1
7	☐	1.000		5269686.69		A	0.4
8	☐	1.000		5235582.98		A	2.2
9	☐	1.000		4477733.44		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5434956.52		A	0.4
2	☐	1.000		5451765.75		A	1.4
3	☐	1.000		5421234.57		A	0.6
4	☐	1.000		5300129.47		A	2.3
5	☐	1.000		5337667.42		A	1.1
6	☐	1.000		5398209.47		A	2.8
7	☐	1.000		5159065.79		A	1.0
8	☐	1.000		4989163.57		A	1.0
9	☐	1.000		4072159.04		A	2.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3965171.54		A	0.9
2	☐	1.000		3980794.45		A	1.0
3	☐	1.000		3974273.34		A	1.3
4	☐	1.000		3895923.10		A	0.9
5	☐	1.000		3872696.96		A	2.2
6	☐	1.000		3821339.87		A	1.1
7	☐	1.000		3767922.37		A	1.1
8	☐	1.000		3620531.75		A	1.6
9	☐	1.000		2887255.65		A	1.7