Quantitation Report (Qedit)

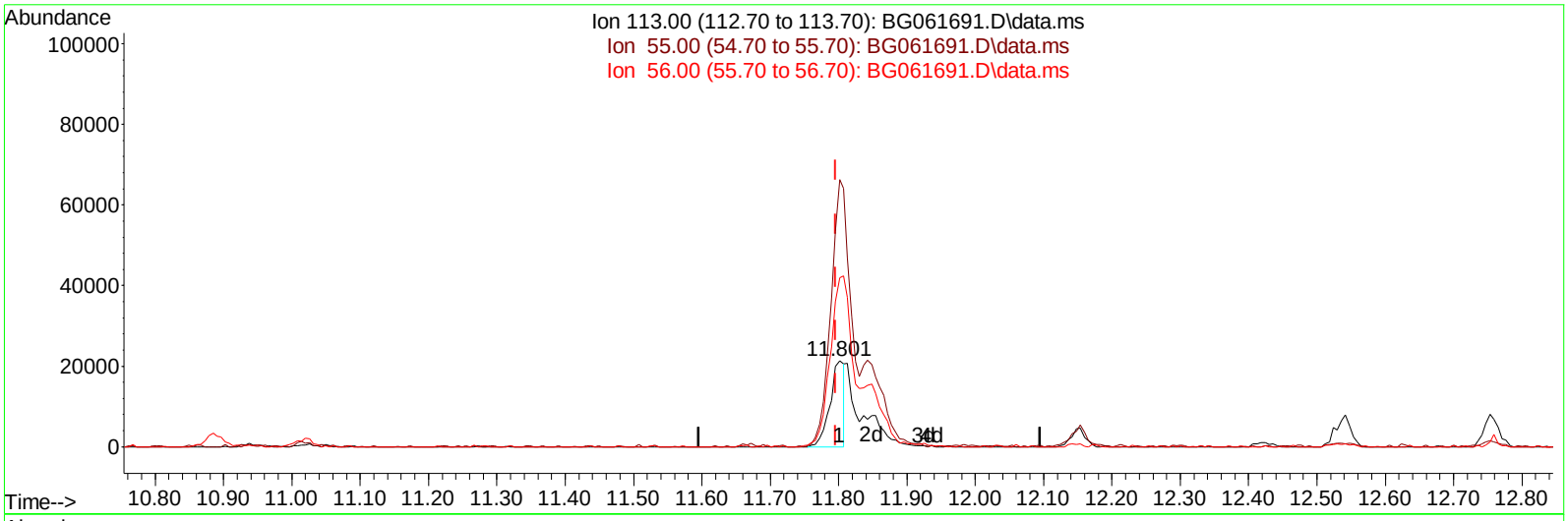
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061691.D
Acq On : 25 Jun 2024 1:40
Operator : MA/JU
Sample : PB161483BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

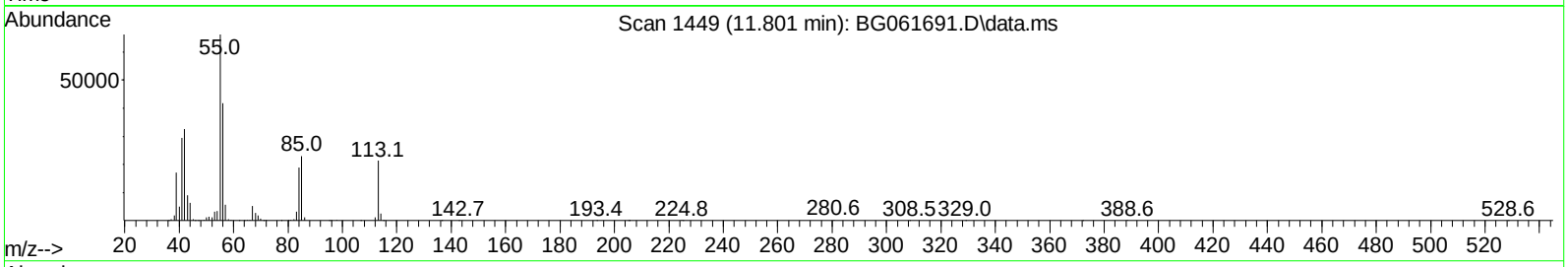
Quant Time: Jun 25 02:22:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

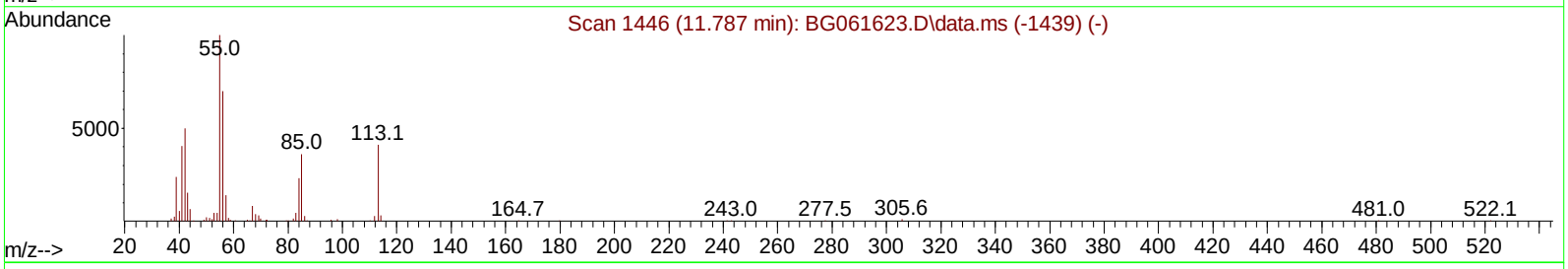
Instrument :
BNA_G
ClientSampleId :
SLCS483

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024







TIC: BG061691.D\data.ms

(34) Caprolactam

11.801min (+ 0.006) 15.36 ng/ul

response 31208

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	309.84
56.00	209.00	196.18
0.00	0.00	0.00

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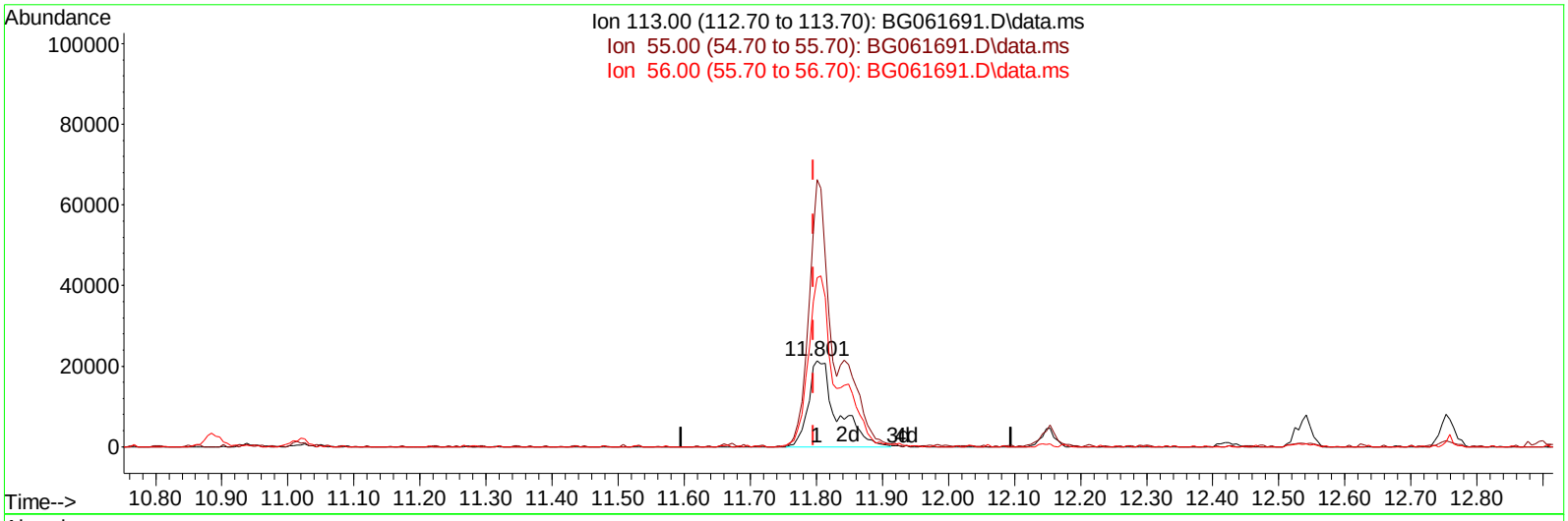

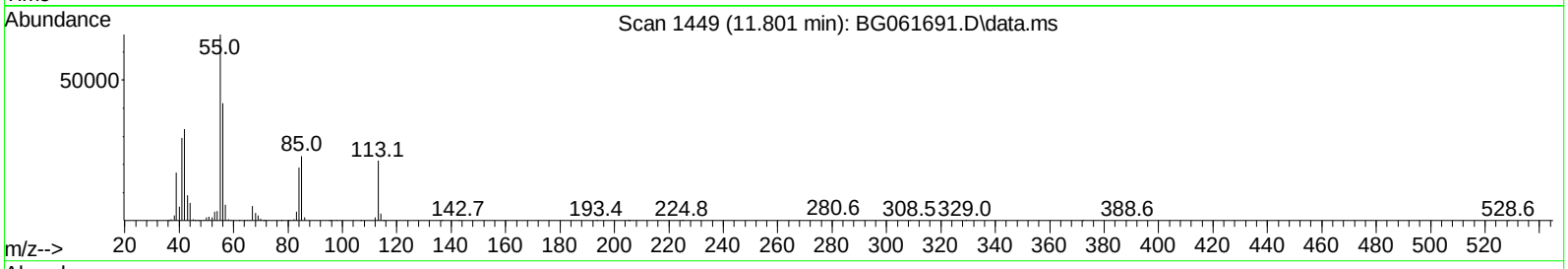

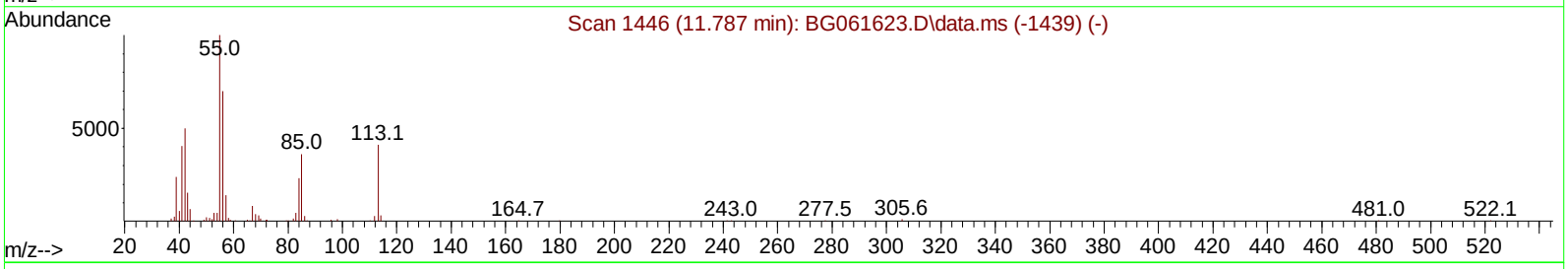

TIC: BG061691.D\data.ms

(34) Caprolactam

11.801min (+ 0.006) 31.84 ng/ul m

response 64709

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	309.84
56.00	209.00	196.18
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	62989	20.000	ng/ul	0.00
20) Naphthalene-d8	10.885	136	329448	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	234247	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	547901	20.000	ng/ul	0.00
79) Chrysene-d12	21.713	240	458114	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	528799	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	10852	6.224	ng/uL	0.00
4) Pyridine-d5	3.887	84	151814	28.797	ng/ul	0.00
7) Phenol-d5	7.218	99	236644	34.607	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	142216	33.363	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	158780	33.837	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113	184313	34.866	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	82066	36.687	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	95825	42.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	190574	35.524	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	246303	30.325	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	622697	34.544	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	699333	35.400	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	117439	37.934	ng/ul	0.01
60) Fluorene-d10	15.691	176	565093	35.808	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	100878	43.058	ng/ul	0.00
73) Anthracene-d10	17.542	188	850518	34.008	ng/ul	0.00
81) Pyrene-d10	19.827	212	936760	36.607	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.716	264	944699	37.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	22937	10.585	ng/uL#	73
5) Pyridine	3.905	79	159224	28.096	ng/ul	98
6) Benzaldehyde	7.207	77	128040	38.051	ng/ul	94
8) Phenol	7.248	94	246697	34.283	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.489	93	175243	32.356	ng/ul	98
12) 2-Chlorophenol	7.636	128	165789	35.216	ng/ul	96
13) 2-Methylphenol	8.505	108	171358	34.036	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.599	45	393211	35.536	ng/ul	97
16) Acetophenone	8.899	105	293285	33.694	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.887	70	158610	33.921	ng/ul	97
18) 4-Methylphenol	8.834	108	193210	34.255	ng/ul	93
19) Hexachloroethane	9.163	117	62760	33.248	ng/ul	91
22) Nitrobenzene	9.281	77	228775	35.501	ng/ul	99
23) Isophorone	9.804	82	466183	31.456	ng/ul	100
25) 2-Nitrophenol	9.992	139	97220	41.037	ng/ul#	89
26) 2,4-Dimethylphenol	10.045	107	163890	24.735	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.291	93	268864	32.070	ng/ul	99
29) 2,4-Dichlorophenol	10.526	162	175874	35.782	ng/ul	98
30) Naphthalene	10.938	128	592614	32.148	ng/ul	98
32) 4-Chloroaniline	11.043	127	221075	27.445	ng/ul#	88
33) Hexachlorobutadiene	11.220	225	116278	34.248	ng/ul	93
34) Caprolactam	11.801	113	64709m	31.839	ng/ul	
35) 4-Chloro-3-methylphenol	12.154	107	235951	34.329	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.536	142	431247	33.155	ng/ul	94
37) 1-Methylnaphthalene	12.753	142	427738	30.820	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.900	216	232924	35.135	ng/ul	97
40) Hexachlorocyclopentadiene	12.877	237	98035	24.854	ng/ul	92
41) 2,4,6-Trichlorophenol	13.135	196	151275	35.367	ng/ul	89
42) 2,4,5-Trichlorophenol	13.206	196	173971	37.316	ng/ul	97
43) 1,1'-Biphenyl	13.540	154	588817	34.701	ng/ul	99
44) 2-Chloronaphthalene	13.582	162	452349	34.705	ng/ul	98
45) 2-Nitroaniline	13.781	65	191702	42.964	ng/ul	95
47) Dimethylphthalate	14.157	163	585311	32.698	ng/ul	100
48) 2,6-Dinitrotoluene	14.275	165	125171	42.139	ng/ul#	93
50) Acenaphthylene	14.428	152	731216	33.159	ng/ul	98
51) 3-Nitroaniline	14.604	138	124672	40.985	ng/ul#	87
52) Acenaphthene	14.768	153	498685	32.654	ng/ul	93
53) 2,4-Dinitrophenol	14.798	184	63008	41.742	ng/ul	87
55) 4-Nitrophenol	14.898	109	111702	34.939	ng/ul	98
56) Dibenzofuran	15.097	168	723995	33.877	ng/ul	96
57) 2,4-Dinitrotoluene	15.056	165	191458	43.423	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.315	232	153108	33.493	ng/ul#	91
59) Diethylphthalate	15.520	149	628892	34.112	ng/ul	97
61) Fluorene	15.750	166	598287	33.827	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	303766	34.597	ng/ul	94
63) 4-Nitroaniline	15.761	138	140706	43.662	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.814	198	112668	42.456	ng/ul	97
67) N-Nitrosodiphenylamine	15.949	169	517805	36.546	ng/ul	99
68) 4-Bromophenyl-phenylether	16.637	248	211089	37.418	ng/ul	98
69) Hexachlorobenzene	16.743	284	244161	35.664	ng/ul	99
70) Atrazine	16.895	200	117305	20.728	ng/ul	95
71) Pentachlorophenol	17.083	266	128050	30.705	ng/ul	96
72) Phenanthrene	17.489	178	973953	33.789	ng/ul	98
74) Anthracene	17.583	178	974616	33.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.499	216	235255	38.539	ng/uL	95
76) Pentachlorobenzene	15.009	250	269145	36.715	ng/uL	96
77) Carbazole	17.847	167	865284	34.573	ng/ul	99
78) Di-n-butylphthalate	18.405	149	1126360	37.628	ng/ul	99
80) Fluoranthene	19.492	202	1092861	36.808	ng/ul	98
82) Pyrene	19.857	202	1132318	35.866	ng/ul	97
83) Butylbenzylphthalate	20.744	149	473025	41.151	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.602	252	390769	40.342	ng/ul	94
85) Benzo(a)anthracene	21.690	228	1117306	34.745	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	684645	40.520	ng/ul	96
87) Chrysene	21.754	228	1039254	34.155	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	1203878	43.164	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	1133291	35.652	ng/ul	98
91) Benzo(k)fluoranthene	23.981	252	1150629	35.197	ng/ul	99
93) Benzo(a)pyrene	24.786	252	1001353	32.721	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.617	276	1348341	35.357	ng/ul	98
95) Dibenzo(a,h)anthracene	28.705	278	1115940	35.192	ng/ul	98
96) Benzo(g,h,i)perylene	29.774	276	987516	32.124	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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