Quantitation Report (Qedit)

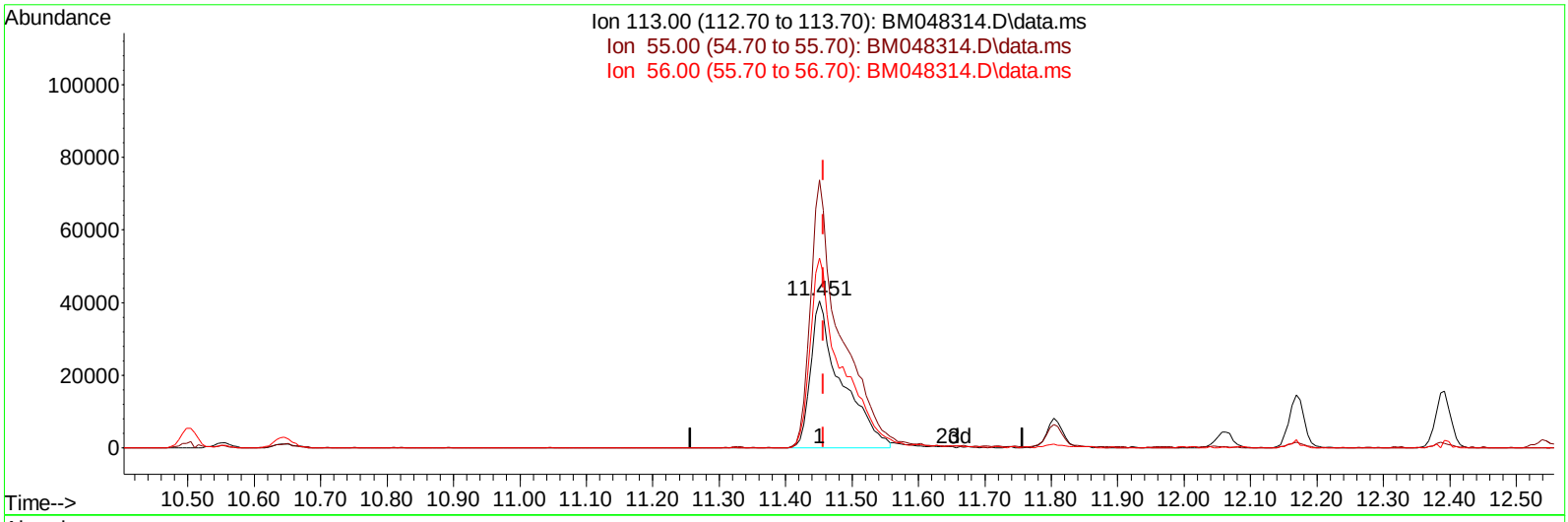
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048314.D
Acq On : 30 Oct 2024 09:07
Operator : RC/JU
Sample : PB164514BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

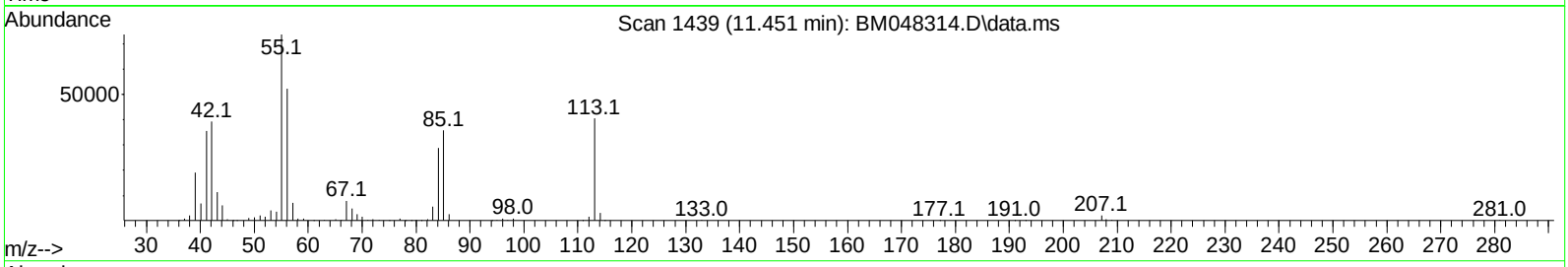
Quant Time: Oct 30 10:53:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

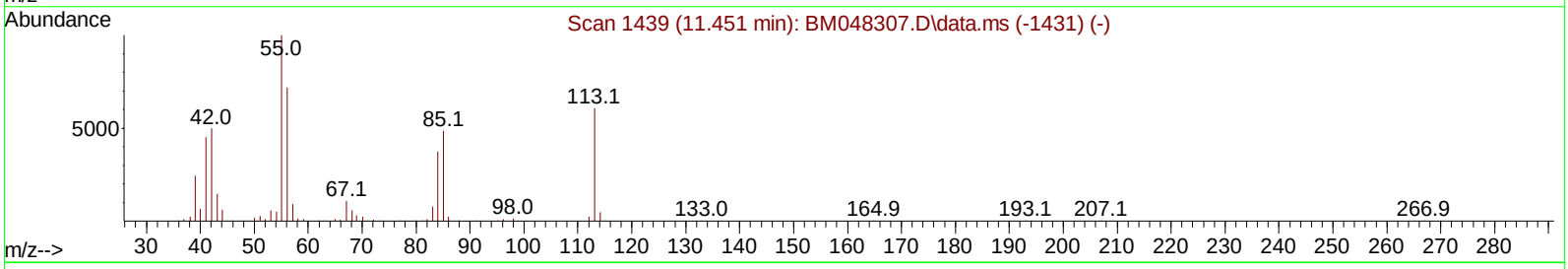
Instrument :
BNA_M
ClientSampleId :
SLCS514

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048314.D\data.ms

(34) Caprolactam

11.451min (-0.006) 29.42 ng/ul

response 130378

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	182.05
56.00	132.30	128.95
0.00	0.00	0.00

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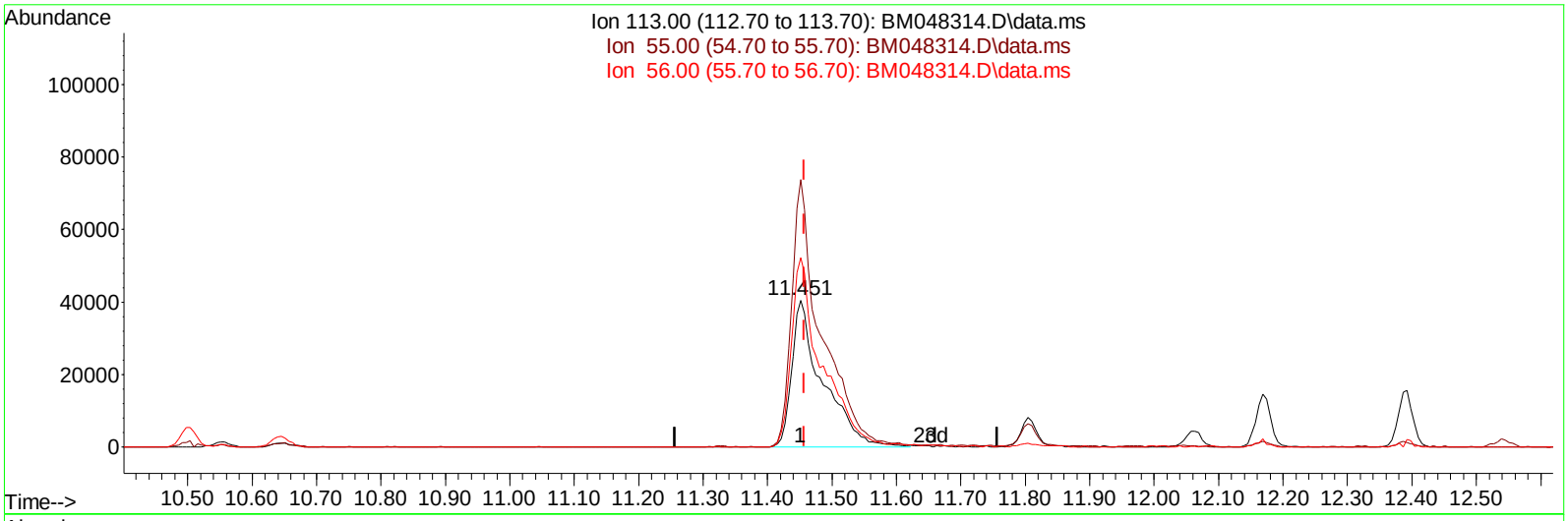

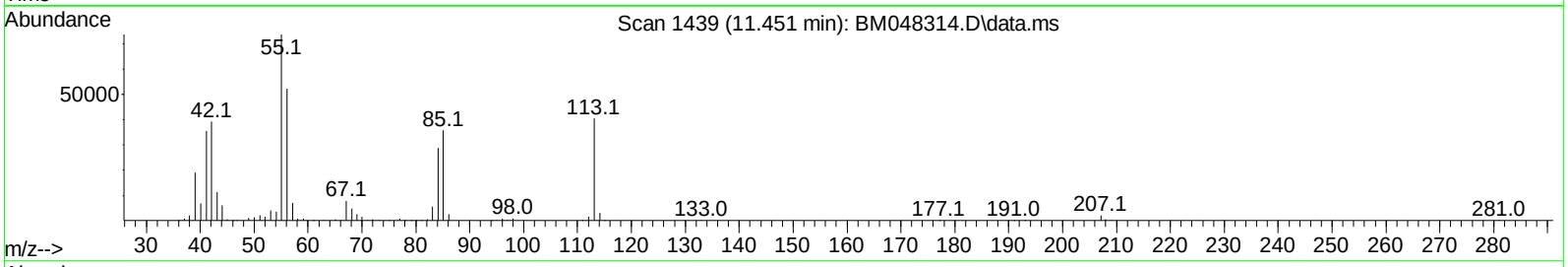

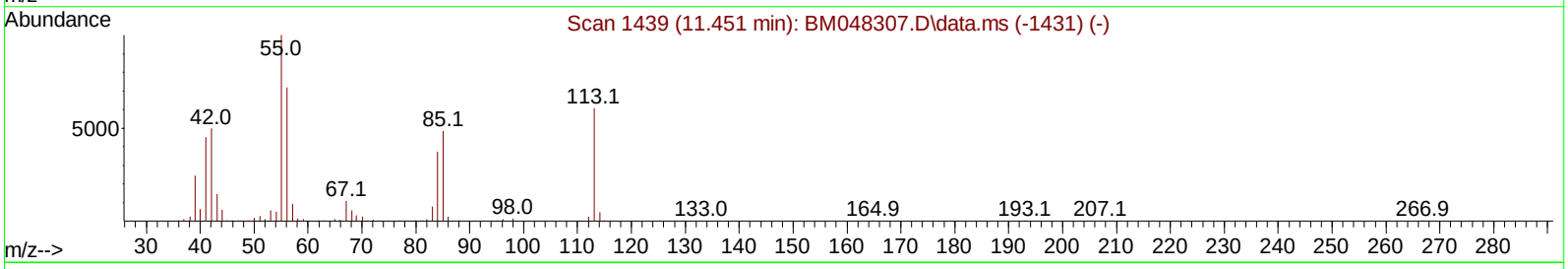

TIC: BM048314.D\data.ms

(34) Caprolactam

11.451min (-0.006) 30.03 ng/ul m

response 133097

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	182.05
56.00	132.30	128.95
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	201870	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	837946	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	518879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	997090	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	873217	20.000	ng/ul	-0.01
88) Perylene-d12	24.268	264	950641	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	32930	6.422	ng/uL	0.00
4) Pyridine-d5	3.581	84	478879	32.221	ng/ul	0.00
7) Phenol-d5	6.892	99	583035	33.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	348220	32.413	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	489657	34.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	457340	32.846	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	229995	33.478	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	251416	33.782	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.133	165	467219	34.402	ng/ul	0.00
31) 4-Chloroaniline-d4	10.645	131	548792	29.101	ng/ul	0.00
46) Dimethylphthalate-d6	13.768	166	1243358	32.065	ng/ul	-0.01
49) Acenaphthylene-d8	14.051	160	1446552	33.086	ng/ul	0.00
54) 4-Nitrophenol-d4	14.574	143	225140	31.749	ng/ul	0.00
60) Fluorene-d10	15.351	176	1056755	32.252	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	204573	31.046	ng/ul	0.00
73) Anthracene-d10	17.198	188	1589806	33.719	ng/ul	-0.01
81) Pyrene-d10	19.492	212	1752191	33.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	1687338	33.652	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	71943	13.272	ng/uL	98
5) Pyridine	3.599	79	506274	33.237	ng/ul	98
6) Benzaldehyde	6.857	77	63091	7.350	ng/ul	99
8) Phenol	6.922	94	609673	33.755	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.140	93	463375	32.113	ng/ul	99
12) 2-Chlorophenol	7.281	128	502715	34.718	ng/ul	99
13) 2-Methylphenol	8.163	108	449994	33.118	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	732438	33.211	ng/ul	99
16) Acetophenone	8.539	105	700744	31.954	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	360078	32.013	ng/ul	99
18) 4-Methylphenol	8.492	108	495287	33.028	ng/ul	98
19) Hexachloroethane	8.786	117	205610	33.684	ng/ul	98
22) Nitrobenzene	8.910	77	533672	33.430	ng/ul	99
23) Isophorone	9.445	82	984167	31.813	ng/ul	99
25) 2-Nitrophenol	9.622	139	270618	33.173	ng/ul	97
26) 2,4-Dimethylphenol	9.692	107	493122	32.928	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	617614	32.189	ng/ul	99
29) 2,4-Dichlorophenol	10.157	162	467804	33.663	ng/ul	99
30) Naphthalene	10.551	128	1534984	32.798	ng/ul	100
32) 4-Chloroaniline	10.669	127	305855	16.739	ng/ul	98
33) Hexachlorobutadiene	10.839	225	305566	32.998	ng/ul	99
34) Caprolactam	11.451	113	133097m	30.030	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	447206	31.983	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.169	142	1013520	32.128	ng/ul	100
37)	1-Methylnaphthalene	12.392	142	1004644	31.394	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.545	216	542556	33.027	ng/ul	100
40)	Hexachlorocyclopentadiene	12.522	237	306492	31.168	ng/ul	98
41)	2,4,6-Trichlorophenol	12.786	196	355410	33.518	ng/ul	99
42)	2,4,5-Trichlorophenol	12.863	196	379027	33.843	ng/ul	98
43)	1,1'-Biphenyl	13.186	154	1297376	32.600	ng/ul	99
44)	2-Chloronaphthalene	13.227	162	1021789	33.133	ng/ul	98
45)	2-Nitroaniline	13.439	65	280867	32.908	ng/ul	98
47)	Dimethylphthalate	13.816	163	1230313	31.636	ng/ul	100
48)	2,6-Dinitrotoluene	13.939	165	249697	33.021	ng/ul	96
50)	Acenaphthylene	14.080	152	1569260	32.859	ng/ul	99
51)	3-Nitroaniline	14.268	138	233547	29.341	ng/ul	97
52)	Acenaphthene	14.421	153	1094193	32.288	ng/ul	99
53)	2,4-Dinitrophenol	14.480	184	137497	26.735	ng/ul	97
55)	4-Nitrophenol	14.592	109	156745	30.280	ng/ul	98
56)	Dibenzofuran	14.757	168	1512757	32.446	ng/ul	100
57)	2,4-Dinitrotoluene	14.727	165	359417	32.512	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	14.986	232	310237	32.309	ng/ul	95
59)	Diethylphthalate	15.180	149	1240350	31.702	ng/ul	100
61)	Fluorene	15.404	166	1189689	32.045	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.404	204	598435	32.109	ng/ul	99
63)	4-Nitroaniline	15.433	138	271631	37.689	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.492	198	219970	31.140	ng/ul	95
67)	N-Nitrosodiphenylamine	15.615	169	997914	33.521	ng/ul	99
68)	4-Bromophenyl-phenylether	16.292	248	358135	32.921	ng/ul	97
69)	Hexachlorobenzene	16.409	284	422919	32.492	ng/ul	99
70)	Atrazine	16.568	200	351761	34.511	ng/ul	99
71)	Pentachlorophenol	16.757	266	271569	32.975	ng/ul	98
72)	Phenanthrene	17.139	178	1814049	32.856	ng/ul	100
74)	Anthracene	17.233	178	1849933	33.475	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.151	216	527686	33.441	ng/uL	99
76)	Pentachlorobenzene	14.680	250	509967	31.757	ng/uL	98
77)	Carbazole	17.504	167	1652198	34.050	ng/ul	99
78)	Di-n-butylphthalate	18.068	149	2144244	33.628	ng/ul	100
80)	Fluoranthene	19.156	202	2020433	32.769	ng/ul	98
82)	Pyrene	19.521	202	2163618	32.729	ng/ul	100
83)	Butylbenzylphthalate	20.415	149	925109	33.863	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.233	252	601846	31.588	ng/ul	100
85)	Benzo(a)anthracene	21.303	228	2049970	32.553	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.227	149	1367057	34.727	ng/ul	98
87)	Chrysene	21.368	228	1933157	32.646	ng/ul	99
89)	Di-n-octyl phthalate	22.339	149	2297118	32.299	ng/ul	100
90)	Benzo(b)fluoranthene	23.338	252	1985494	32.728	ng/ul	99
91)	Benzo(k)fluoranthene	23.397	252	1995166	32.847	ng/ul	99
93)	Benzo(a)pyrene	24.133	252	1837164	33.288	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.579	276	2338906	35.190	ng/ul	98
95)	Dibenzo(a,h)anthracene	27.632	278	1924581	35.405	ng/ul	99
96)	Benzo(g,h,i)perylene	28.615	276	1808584	35.458	ng/ul	98

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

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