Quantitation Report (Qedit)

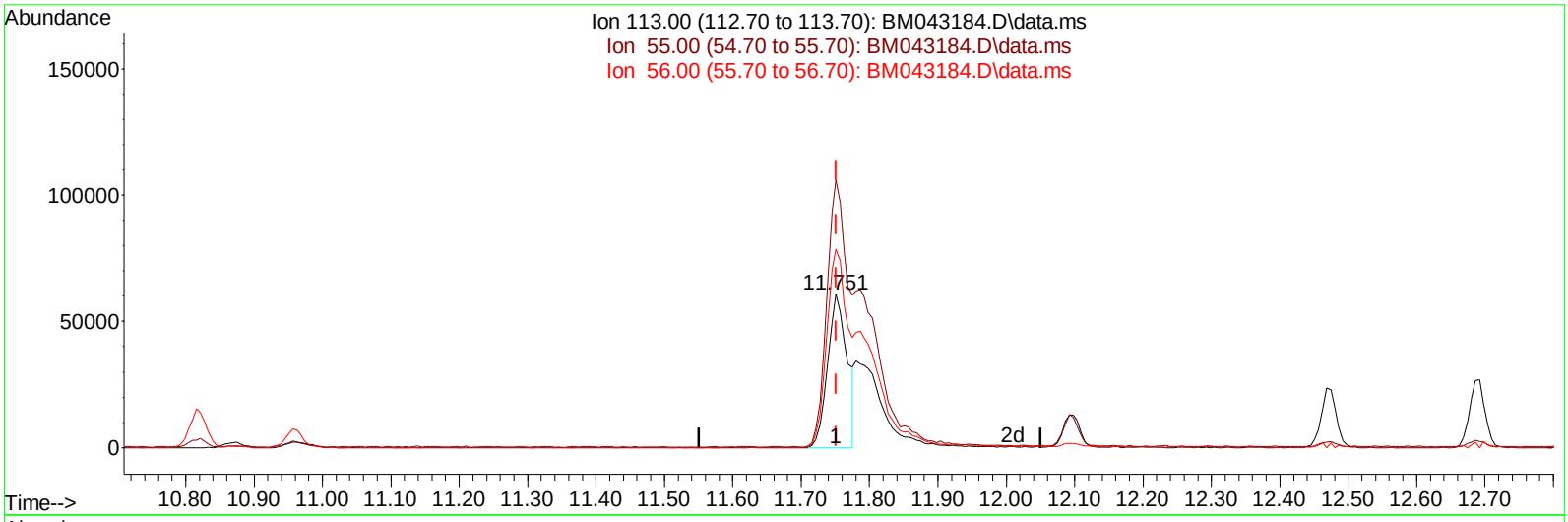
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
Data File : BM043184.D
Acq On : 07 Dec 2023 16:53
Operator : MA/JU
Sample : SSTD02071
Misc :
ALS Vial : 4 Sample Multiplier: 1

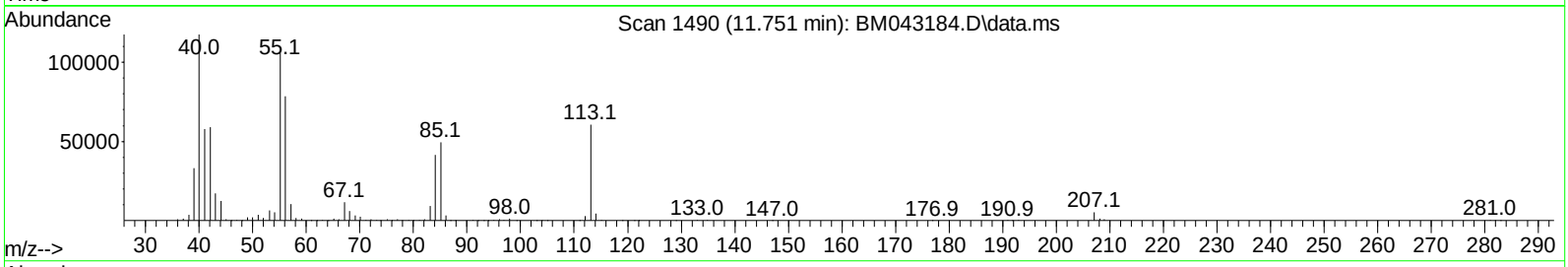
Quant Time: Dec 08 00:03:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:03:45 2023
Response via : Initial Calibration

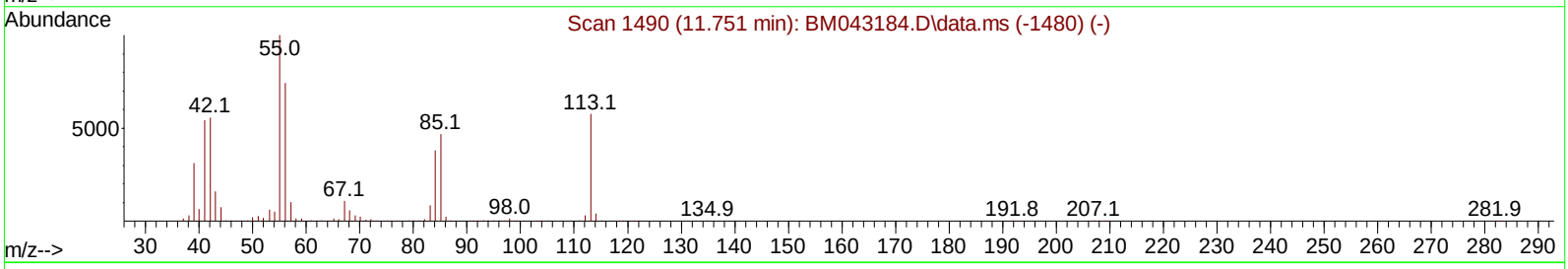
Instrument :
BNA_M
ClientSampleId :
SSTD020036

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BM043184.D\data.ms

(34) Caprolactam

11.751min (0.000) 10.84 ng/ul

response 119078

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	174.37
56.00	129.40	129.44
0.00	0.00	0.00

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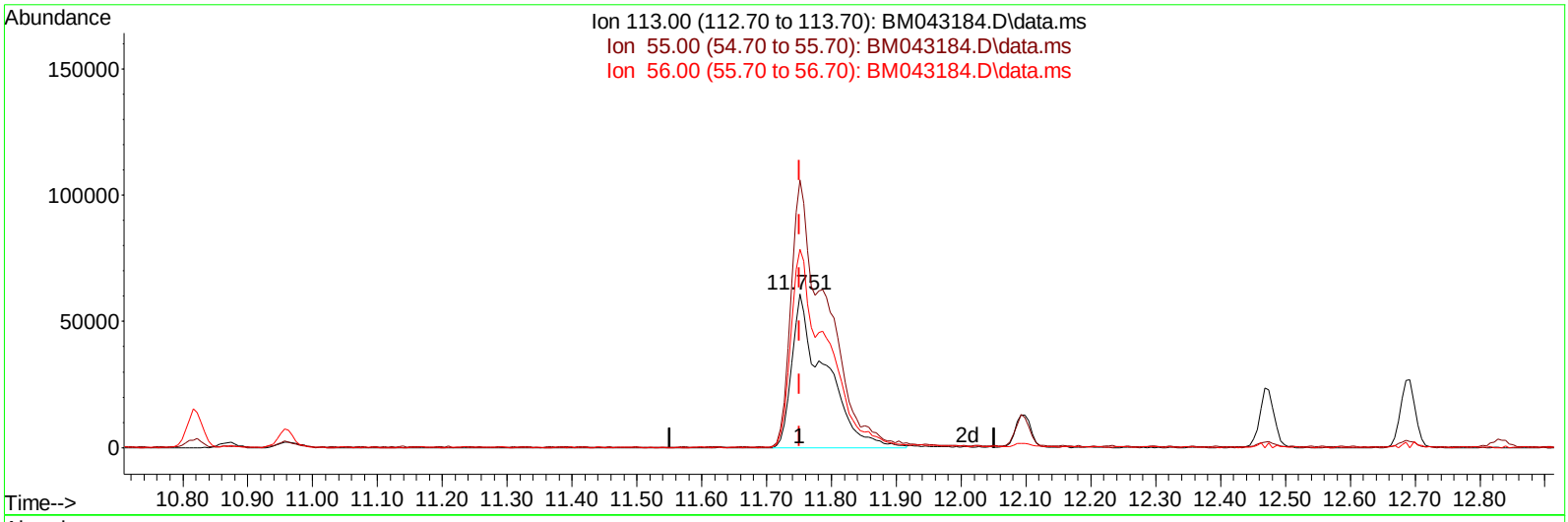

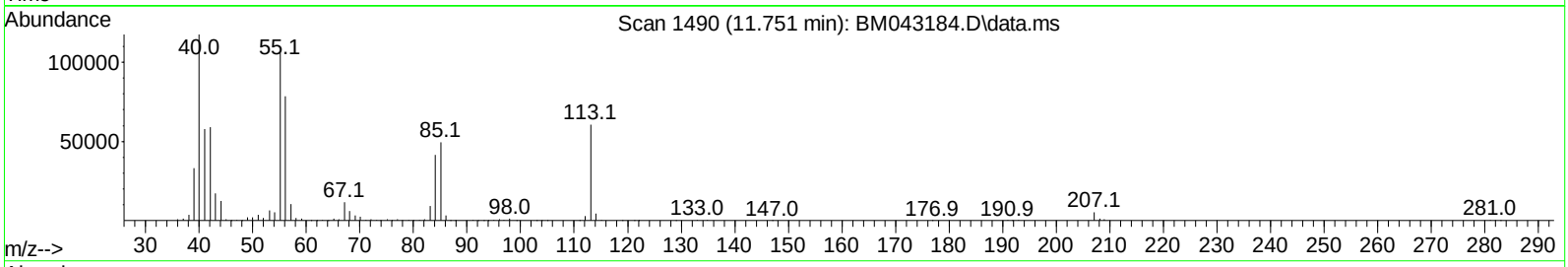

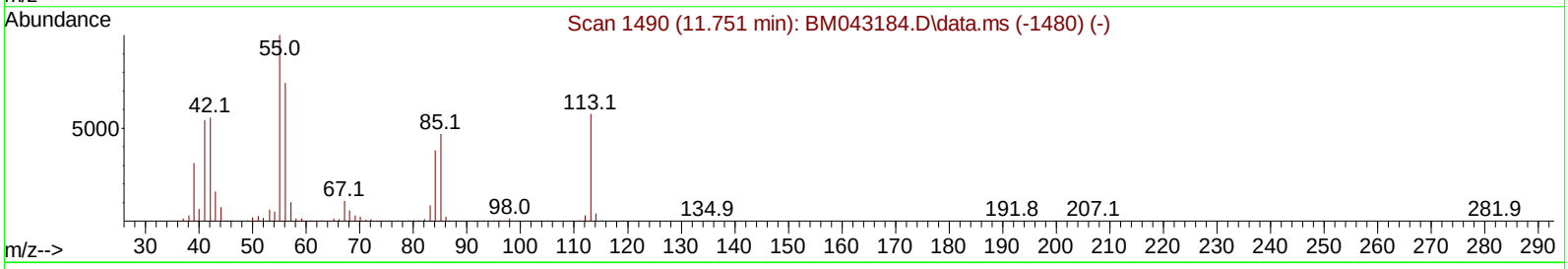

TIC: BM043184.D\data.ms

(34) Caprolactam

11.751min (0.000) 19.60 ng/ul m

response 215265

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	174.37
56.00	129.40	129.44
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	460759	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	2053038	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1393405	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	3043198	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	2890826	20.000	ng/ul	0.00
88) Perylene-d12	23.938	264	2924631	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	84924	7.234	ng/uL	0.00
4) Pyridine-d5	3.816	84	639115	18.657	ng/ul	0.00
7) Phenol-d5	7.169	99	827560	18.574	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	534768	19.010	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	632205	18.129	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	665907	18.737	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	330885	18.909	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	314973	18.666	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	706654	18.789	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1054576	19.468	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2308382	18.899	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	2699697	19.104	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	407138	19.073	ng/ul	0.00
60) Fluorene-d10	15.621	176	2022892	18.999	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	260783	17.318	ng/ul	0.00
73) Anthracene-d10	17.474	188	3132779	19.028	ng/ul	0.00
81) Pyrene-d10	19.750	212	3536199	19.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.785	264	3206986	18.792	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	94938	7.362	ng/uL	100
5) Pyridine	3.840	79	666584	18.885	ng/ul	100
6) Benzaldehyde	7.157	77	526769	20.793	ng/ul	100
8) Phenol	7.192	94	821068	18.557	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.445	93	682991	18.911	ng/ul	100
12) 2-Chlorophenol	7.569	128	649210	18.351	ng/ul	100
13) 2-Methylphenol	8.451	108	634762	18.547	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1170109	19.234	ng/ul	100
16) Acetophenone	8.845	105	1111781	19.081	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.828	70	600362	18.831	ng/ul	100
18) 4-Methylphenol	8.786	108	701604	18.746	ng/ul	100
19) Hexachloroethane	9.086	117	274006	18.272	ng/ul	100
22) Nitrobenzene	9.228	77	794485	18.883	ng/ul	100
23) Isophorone	9.745	82	1724848	19.240	ng/ul	100
25) 2-Nitrophenol	9.933	139	350723	18.964	ng/ul	100
26) 2,4-Dimethylphenol	9.992	107	685372	18.902	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.239	93	994726	18.872	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	685302	18.773	ng/ul	100
30) Naphthalene	10.869	128	2354504	18.684	ng/ul	100
32) 4-Chloroaniline	10.986	127	998167	19.528	ng/ul	100
33) Hexachlorobutadiene	11.145	225	426001	18.729	ng/ul	100
34) Caprolactam	11.751	113	215265m	19.602	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	731882	19.094	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.474	142	1707717	18.836	ng/ul	100
37) 1-Methylnaphthalene	12.686	142	1726257	18.759	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	877437	18.612	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	488438	19.146	ng/ul	100
41) 2,4,6-Trichlorophenol	13.074	196	555761	18.945	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	613522	19.216	ng/ul	100
43) 1,1'-Biphenyl	13.480	154	2326334	18.873	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	1784122	18.672	ng/ul	100
45) 2-Nitroaniline	13.727	65	484968	19.207	ng/ul	100
47) Dimethylphthalate	14.104	163	2278266	19.017	ng/ul	100
48) 2,6-Dinitrotoluene	14.221	165	424613	19.237	ng/ul	100
50) Acenaphthylene	14.363	152	3051527	19.106	ng/ul	100
51) 3-Nitroaniline	14.545	138	470801	19.373	ng/ul	100
52) Acenaphthene	14.698	153	1980729	18.801	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	147211	16.509	ng/ul	100
55) 4-Nitrophenol	14.845	109	301414	19.247	ng/ul	100
56) Dibenzofuran	15.033	168	2715686	18.871	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	608012	19.293	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.251	232	507344	19.117	ng/ul	100
59) Diethylphthalate	15.463	149	2293687	19.034	ng/ul	100
61) Fluorene	15.680	166	2390978	19.194	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	1154160	18.753	ng/ul	100
63) 4-Nitroaniline	15.704	138	502962	20.282	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.757	198	299991	17.851	ng/ul	100
67) N-Nitrosodiphenylamine	15.892	169	1928168	18.894	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	685888	18.638	ng/ul	100
69) Hexachlorobenzene	16.668	284	814073	18.644	ng/ul	100
70) Atrazine	16.845	200	595540	19.792	ng/ul	100
71) Pentachlorophenol	17.015	266	447717	18.328	ng/ul	100
72) Phenanthrene	17.415	178	3641224	19.188	ng/ul	100
74) Anthracene	17.509	178	3698908	19.350	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	884325	18.368	ng/uL	100
76) Pentachlorobenzene	14.945	250	906775	18.533	ng/uL	100
77) Carbazole	17.780	167	3306368	19.672	ng/ul	100
78) Di-n-butylphthalate	18.351	149	4069723	19.926	ng/ul	100
80) Fluoranthene	19.421	202	4197028	19.780	ng/ul	100
82) Pyrene	19.780	202	4379632	19.843	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1676244	19.092	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.456	252	1365440	19.335	ng/ul	100
85) Benzo(a)anthracene	21.521	228	4351856	19.634	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	2749784	19.841	ng/ul	100
87) Chrysene	21.574	228	3865271	19.525	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	4135717	19.524	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	3914666	18.760	ng/ul	100
91) Benzo(k)fluoranthene	23.256	252	3923635	18.879	ng/ul	100
93) Benzo(a)pyrene	23.833	252	3617674	18.756	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.438	276	4195595	19.096	ng/ul	100
95) Dibenzo(a,h)anthracene	26.468	278	3491586	19.007	ng/ul	100
96) Benzo(g,h,i)perylene	27.203	276	3159786	19.090	ng/ul	100

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

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