Quantitation Report (Qedit)

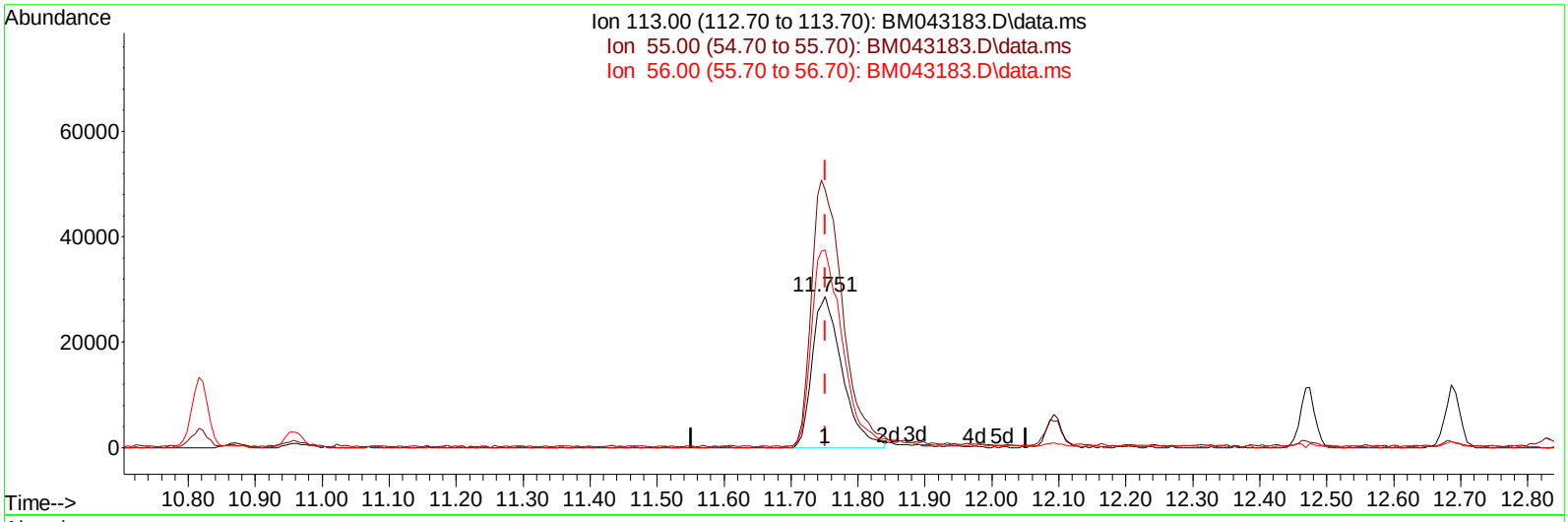
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
Data File : BM043183.D
Acq On : 07 Dec 2023 16:17
Operator : MA/JU
Sample : SSTD01070
Misc :
ALS Vial : 3 Sample Multiplier: 1

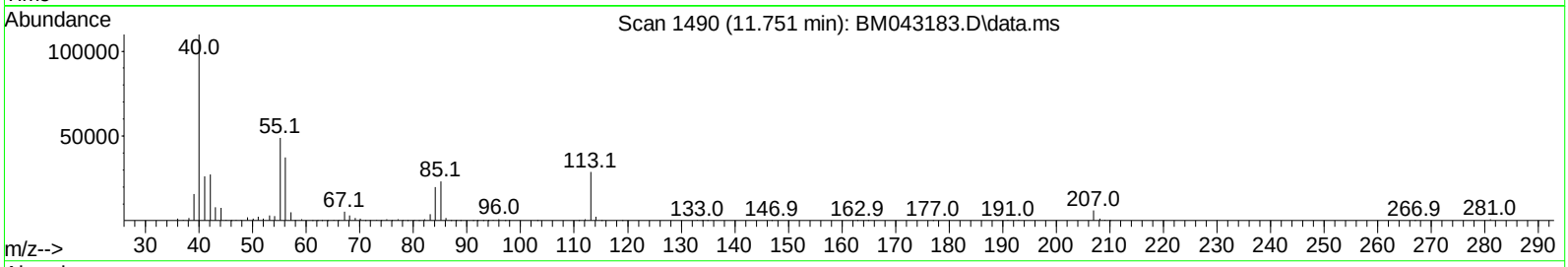
Quant Time: Dec 08 00:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:03:45 2023
Response via : Initial Calibration

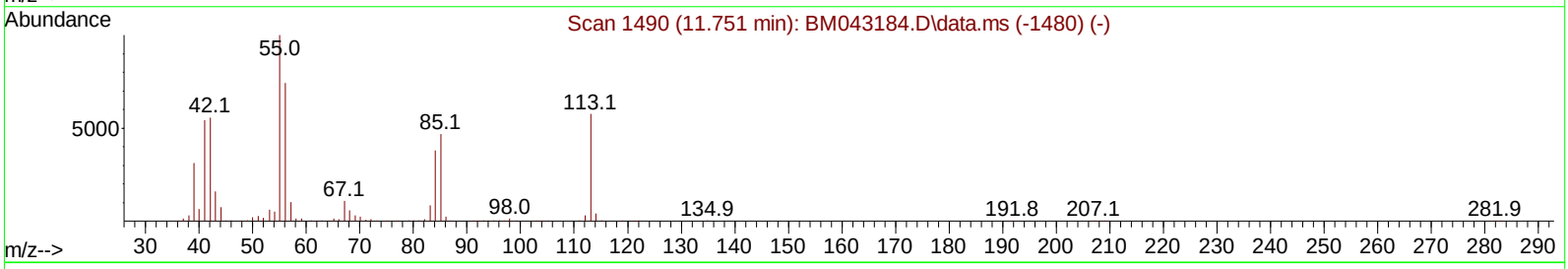
Instrument :
BNA_M
ClientSampleId :
SSTD010035

Manual IntegrationsAPPROVED

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







TIC: BM043183.D\data.ms

(34) Caprolactam

11.751min (+ 0.000) 8.88 ng/ul

response 88925

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	170.25
56.00	129.40	130.79
0.00	0.00	0.00

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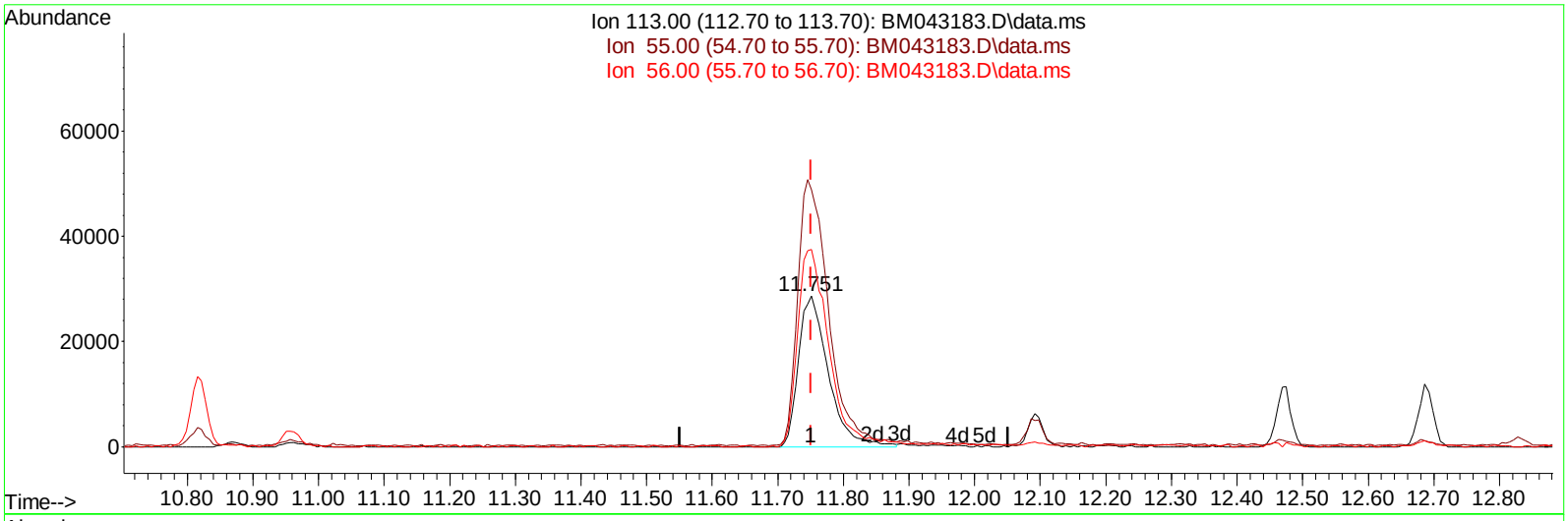

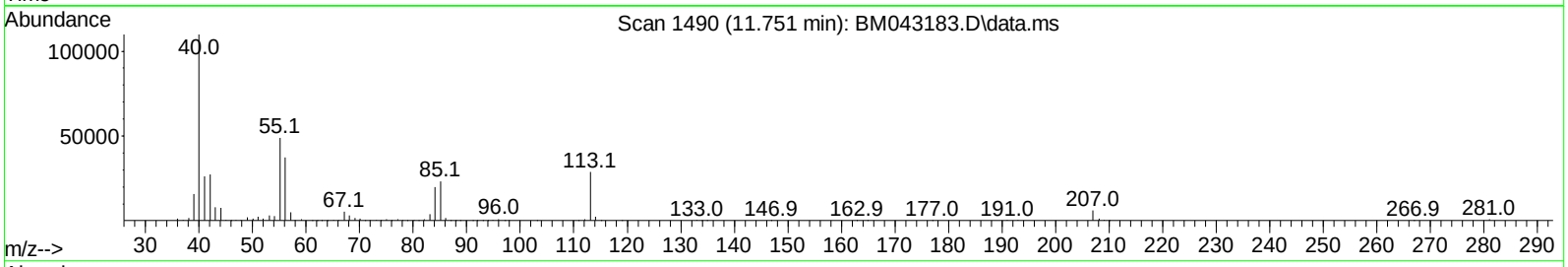

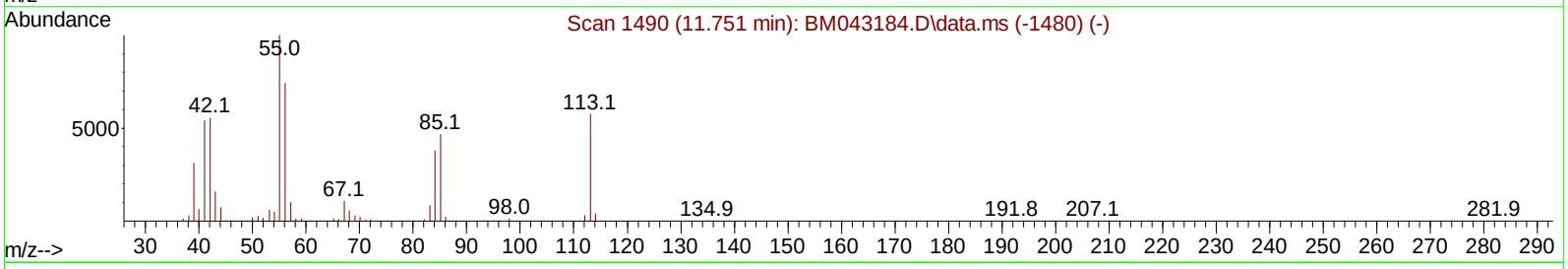

TIC: BM043183.D\data.ms

(34) Caprolactam

11.751min (+ 0.000) 9.04 ng/ul m

response 90470

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	170.25
56.00	129.40	130.79
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	414170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1871851	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1302257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	2836126	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	2695652	20.000	ng/ul	0.00
88) Perylene-d12	23.938	264	2880728	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	40163	3.806	ng/uL	0.00
4) Pyridine-d5	3.822	84	287699	9.343	ng/ul	0.00
7) Phenol-d5	7.169	99	356820	8.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	237881	9.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	275716	8.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	284983	8.921	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	139731	8.758	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	124522	8.094	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	298354	8.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	464407	9.403	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	1034827	9.065	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	1195614	9.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	164467	8.244	ng/ul	0.00
60) Fluorene-d10	15.621	176	901354	9.058	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	91626	6.529	ng/ul	0.00
73) Anthracene-d10	17.468	188	1394039	9.086	ng/ul	0.00
81) Pyrene-d10	19.750	212	1578058	9.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	1465809	8.720	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	42952	3.706	ng/uL	98
5) Pyridine	3.840	79	299076	9.426	ng/ul	99
6) Benzaldehyde	7.151	77	225593	9.907	ng/ul	99
8) Phenol	7.192	94	360363	9.061	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	306780	9.450	ng/ul	99
12) 2-Chlorophenol	7.569	128	283826	8.925	ng/ul	98
13) 2-Methylphenol	8.451	108	274791	8.932	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.539	45	527222	9.641	ng/ul	100
16) Acetophenone	8.839	105	488251	9.322	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	261194	9.114	ng/ul	100
18) 4-Methylphenol	8.781	108	303380	9.018	ng/ul	99
19) Hexachloroethane	9.086	117	123581	9.168	ng/ul	98
22) Nitrobenzene	9.222	77	344936	8.992	ng/ul	99
23) Isophorone	9.745	82	743289	9.094	ng/ul	100
25) 2-Nitrophenol	9.933	139	141944	8.418	ng/ul	98
26) 2,4-Dimethylphenol	9.986	107	298462	9.028	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.239	93	441255	9.182	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	292675	8.794	ng/ul	99
30) Naphthalene	10.869	128	1058098	9.209	ng/ul	99
32) 4-Chloroaniline	10.980	127	438243	9.404	ng/ul	99
33) Hexachlorobutadiene	11.139	225	189141	9.120	ng/ul	97
34) Caprolactam	11.751	113	90470m	9.036	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	314216	8.991	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	760422	9.199	ng/ul	99
37) 1-Methylnaphthalene	12.686	142	771975	9.201	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.827	216	390937	8.873	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	203080	8.518	ng/ul	98
41) 2,4,6-Trichlorophenol	13.074	196	235375	8.585	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	251809	8.439	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	1044561	9.067	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	805983	9.026	ng/ul	99
45) 2-Nitroaniline	13.721	65	200583	8.500	ng/ul	98
47) Dimethylphthalate	14.098	163	1013668	9.053	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	174536	8.461	ng/ul	99
50) Acenaphthylene	14.357	152	1367619	9.162	ng/ul	99
51) 3-Nitroaniline	14.545	138	196279	8.642	ng/ul	99
52) Acenaphthene	14.698	153	893194	9.072	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	50702	6.084	ng/ul	97
55) 4-Nitrophenol	14.839	109	128414	8.774	ng/ul	99
56) Dibenzofuran	15.033	168	1234072	9.176	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	248922	8.451	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.251	232	214554	8.650	ng/ul	99
59) Diethylphthalate	15.457	149	1018524	9.044	ng/ul	99
61) Fluorene	15.680	166	1066805	9.163	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	517311	8.994	ng/ul	98
63) 4-Nitroaniline	15.698	138	215004	9.277	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	107698	6.877	ng/ul#	96
67) N-Nitrosodiphenylamine	15.892	169	865379	9.099	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	310249	9.046	ng/ul	97
69) Hexachlorobenzene	16.668	284	368660	9.059	ng/ul	98
70) Atrazine	16.839	200	272800	9.728	ng/ul	99
71) Pentachlorophenol	17.015	266	180903	7.946	ng/ul	97
72) Phenanthrene	17.415	178	1642091	9.285	ng/ul	99
74) Anthracene	17.504	178	1669068	9.369	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	397900	8.868	ng/uL	100
76) Pentachlorobenzene	14.939	250	414239	9.085	ng/uL	97
77) Carbazole	17.774	167	1486007	9.487	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1799619	9.454	ng/ul	99
80) Fluoranthene	19.421	202	1873116	9.467	ng/ul	99
82) Pyrene	19.780	202	1973198	9.587	ng/ul	98
83) Butylbenzylphthalate	20.686	149	676625	8.265	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	518573	7.875	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1978223	9.571	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1110135	8.590	ng/ul	100
87) Chrysene	21.574	228	1757491	9.521	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	1743590	8.357	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	1819612	8.853	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1791912	8.753	ng/ul	99
93) Benzo(a)pyrene	23.833	252	1675119	8.817	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.438	276	1909855	8.825	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	1595553	8.818	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	1466542	8.995	ng/ul	99

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

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