Quantitation Report (Qedit)

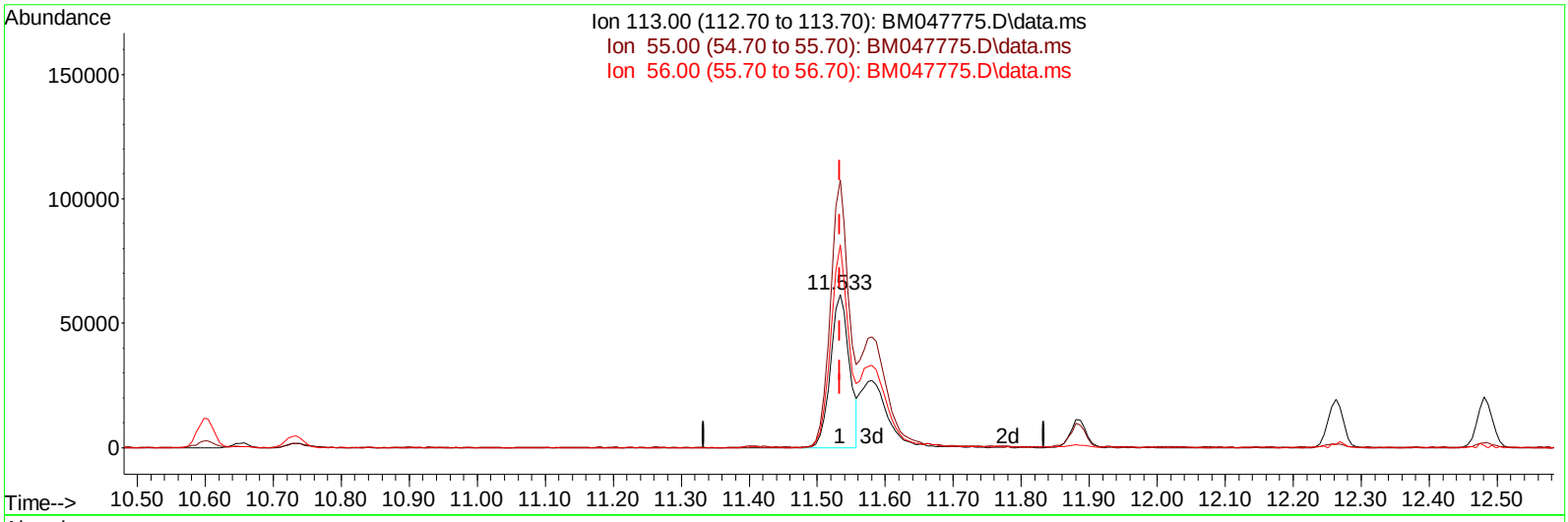
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047775.D
Acq On : 02 Oct 2024 13:26
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

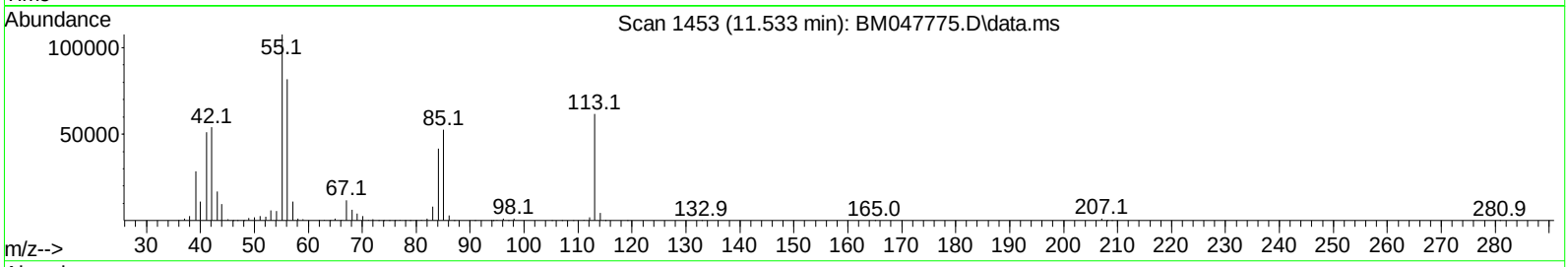
Quant Time: Oct 02 15:04:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

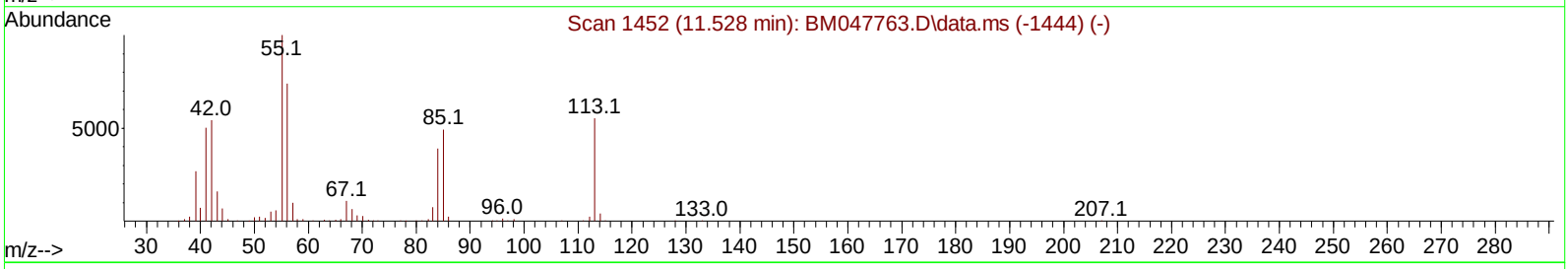
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/04/2024







TIC: BM047775.D\data.ms

(34) Caprolactam

11.533min (-0.000) 13.62 ng/ul

response 118673

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	174.83
56.00	164.10	132.54
0.00	0.00	0.00

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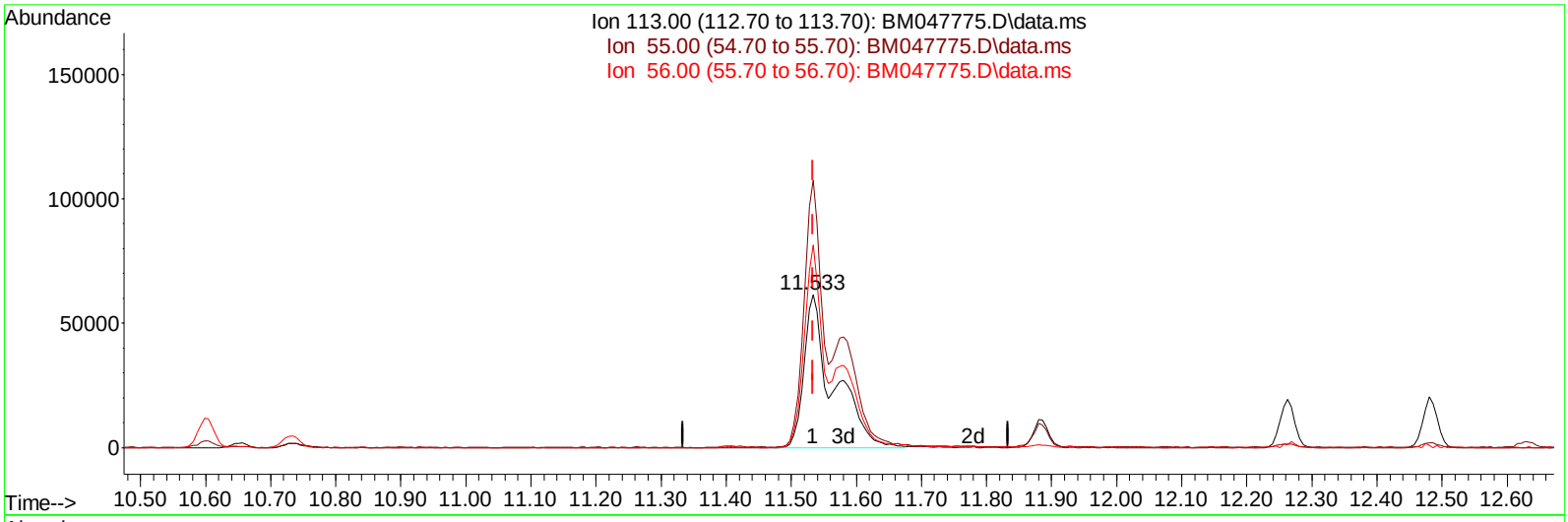

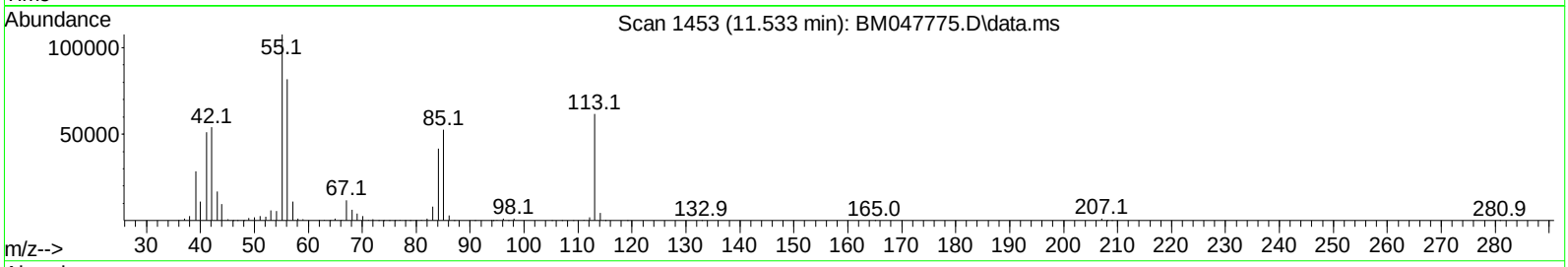

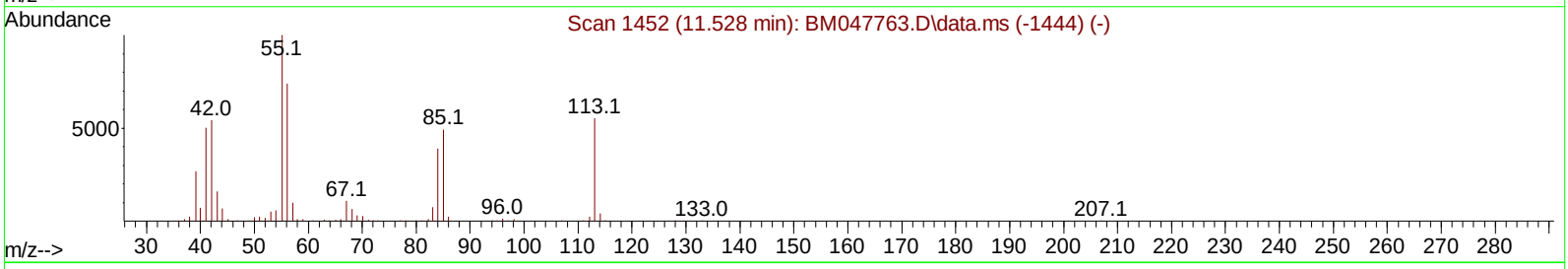

TIC: BM047775.D\data.ms

(34) Caprolactam

11.533min (-0.000) 22.09 ng/ul m

response 192524

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	174.83
56.00	164.10	132.54
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	7.810	152	417281	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1731473	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	1075397	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.180	188	2134042	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	2008846	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	2378973	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	81331	6.299	ng/uL	0.00
4) Pyridine-d5	3.669	84	632326	16.725	ng/ul	0.00
7) Phenol-d5	6.975	99	736819	18.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	448319	16.012	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.340	132	610631	21.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	581139	19.809	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	298158	21.627	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	313028	23.694	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	590280	22.367	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	823943	20.194	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1558154	19.985	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1875160	20.285	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	320178	20.626	ng/ul	0.00
60) Fluorene-d10	15.433	176	1351419	20.011	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	244858	19.607	ng/ul	0.00
73) Anthracene-d10	17.274	188	2081698	19.838	ng/ul	-0.01
81) Pyrene-d10	19.562	212	2374392	20.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	2528528	20.485	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	87058	6.173	ng/uL	88
5) Pyridine	3.687	79	650762	16.350	ng/ul	90
6) Benzaldehyde	6.946	77	457036	21.299	ng/ul	92
8) Phenol	6.998	94	766258	18.251	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.228	93	593708	17.747	ng/ul	92
12) 2-Chlorophenol	7.375	128	623231	20.492	ng/ul	93
13) 2-Methylphenol	8.251	108	568796	19.429	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	892695	14.175	ng/ul	95
16) Acetophenone	8.628	105	936950	18.665	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.616	70	465355	17.503	ng/ul#	90
18) 4-Methylphenol	8.581	108	635470	19.316	ng/ul	97
19) Hexachloroethane	8.892	117	259791	19.004	ng/ul	87
22) Nitrobenzene	9.004	77	687994	17.568	ng/ul	91
23) Isophorone	9.534	82	1287980	18.385	ng/ul	95
25) 2-Nitrophenol	9.716	139	344070	22.765	ng/ul#	86
26) 2,4-Dimethylphenol	9.781	107	613334	18.939	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.010	93	782689	18.267	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	592387	21.738	ng/ul	98
30) Naphthalene	10.651	128	1957826	19.658	ng/ul	99
32) 4-Chloroaniline	10.757	127	796674	19.830	ng/ul	99
33) Hexachlorobutadiene	10.939	225	370981	20.604	ng/ul	99
34) Caprolactam	11.533	113	192524m	22.090	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	601526	21.324	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	1304669	20.617	ng/ul	98
37) 1-Methylnaphthalene	12.480	142	1316435	20.447	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	684488	19.553	ng/ul	96
40) Hexachlorocyclopentadiene	12.616	237	386854	18.271	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	454283	22.428	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	495237	22.359	ng/ul	96
43) 1,1'-Biphenyl	13.275	154	1660572	19.286	ng/ul#	97
44) 2-Chloronaphthalene	13.316	162	1301003	19.537	ng/ul	97
45) 2-Nitroaniline	13.516	65	382998	18.118	ng/ul#	79
47) Dimethylphthalate	13.898	163	1568889	19.869	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	316740	22.841	ng/ul#	85
50) Acenaphthylene	14.163	152	2056542	19.727	ng/ul	99
51) 3-Nitroaniline	14.339	138	371226	22.119	ng/ul	87
52) Acenaphthene	14.504	153	1411995	19.160	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	207959	24.269	ng/ul#	78
55) 4-Nitrophenol	14.651	109	245837	18.862	ng/ul	87
56) Dibenzofuran	14.839	168	1923898	19.394	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	466389	22.393	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.063	232	400870	22.961	ng/ul#	98
59) Diethylphthalate	15.263	149	1553691	19.666	ng/ul	98
61) Fluorene	15.486	166	1551324	18.745	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	751531	19.217	ng/ul	98
63) 4-Nitroaniline	15.504	138	389520	23.897	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	266633	19.269	ng/ul#	86
67) N-Nitrosodiphenylamine	15.692	169	1299278	19.538	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	456143	20.736	ng/ul	97
69) Hexachlorobenzene	16.492	284	537325	20.990	ng/ul	92
70) Atrazine	16.645	200	460120	20.786	ng/ul	99
71) Pentachlorophenol	16.833	266	383304	23.548	ng/ul	98
72) Phenanthrene	17.221	178	2407146	19.234	ng/ul	99
74) Anthracene	17.310	178	2457328	19.252	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	683955	19.357	ng/uL	99
76) Pentachlorobenzene	14.763	250	670409	19.438	ng/uL	98
77) Carbazole	17.580	167	2265661	19.583	ng/ul	98
78) Di-n-butylphthalate	18.145	149	2649984	20.573	ng/ul	99
80) Fluoranthene	19.233	202	2756010	20.525	ng/ul	97
82) Pyrene	19.592	202	2981760	19.951	ng/ul	97
83) Butylbenzylphthalate	20.486	149	1189836	22.519	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.309	252	908649	21.406	ng/ul	99
85) Benzo(a)anthracene	21.386	228	2866944	20.383	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	1728641	21.791	ng/ul	97
87) Chrysene	21.450	228	2682650	19.564	ng/ul	99
89) Di-n-octyl phthalate	22.445	149	3000954	19.557	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2940080	19.817	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	2883280	19.007	ng/ul	99
93) Benzo(a)pyrene	24.268	252	2758382	19.577	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.803	276	3578756	19.820	ng/ul	98
95) Dibenzo(a,h)anthracene	27.856	278	2903836	19.624	ng/ul	97
96) Benzo(g,h,i)perylene	28.862	276	2784409	19.682	ng/ul	96

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

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