Quantitation Report (Qedit)

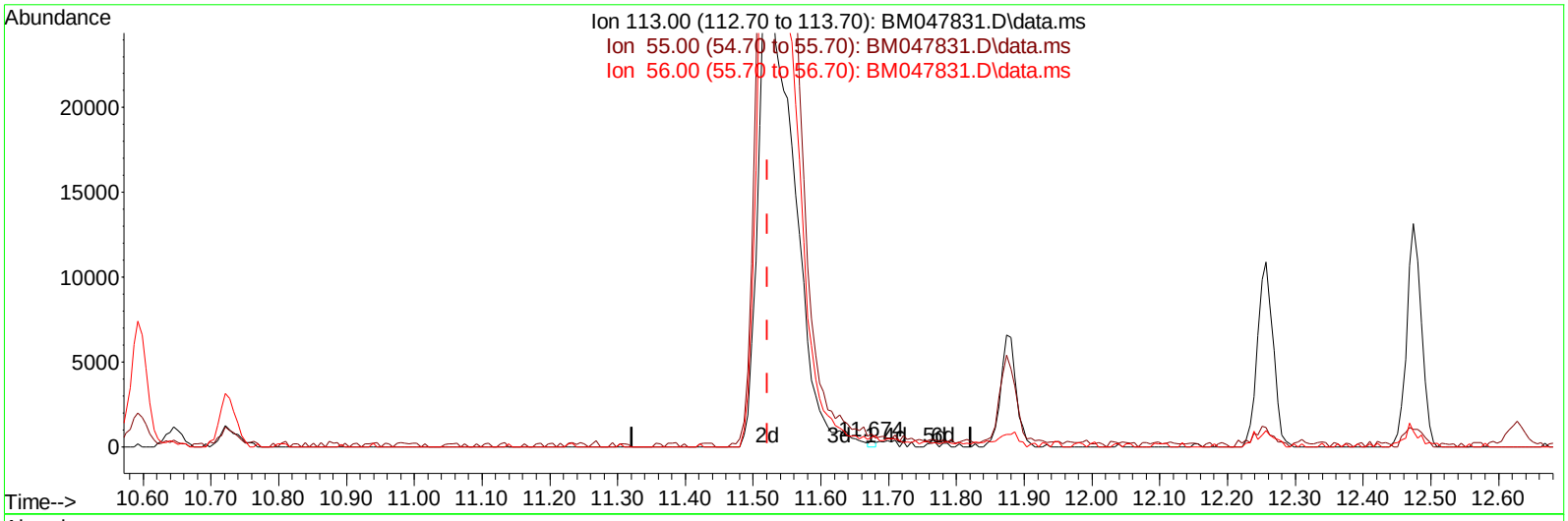
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047831.D
Acq On : 04 Oct 2024 07:07
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

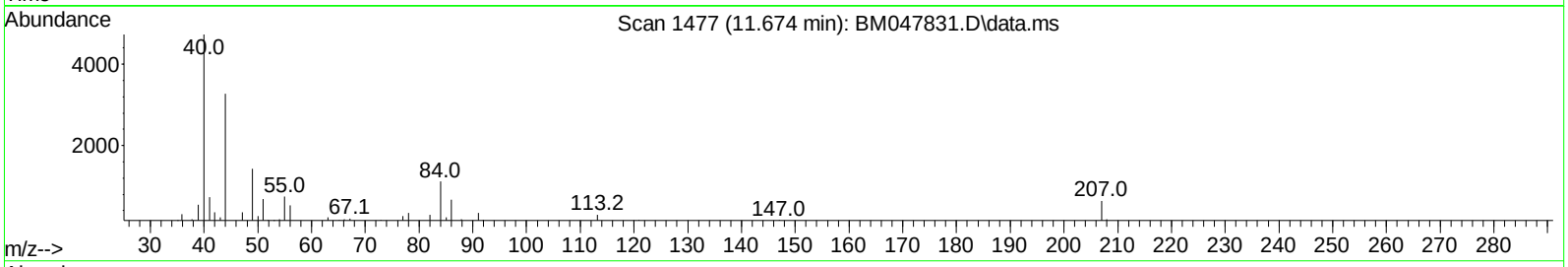
Quant Time: Oct 04 08:34:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

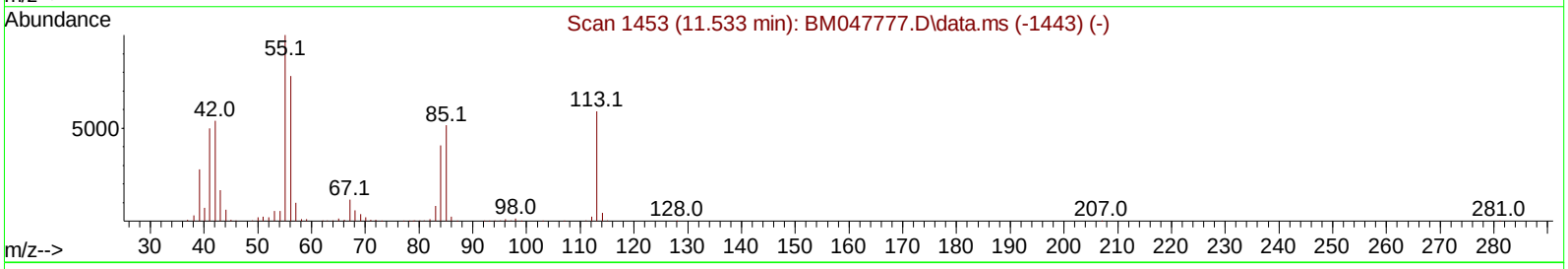
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024







TIC: BM047831.D\data.ms

(34) Caprolactam

11.674min (+ 0.153) 0.04 ng/ul

response 195

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	245.25
56.00	164.10	172.79
0.00	0.00	0.00

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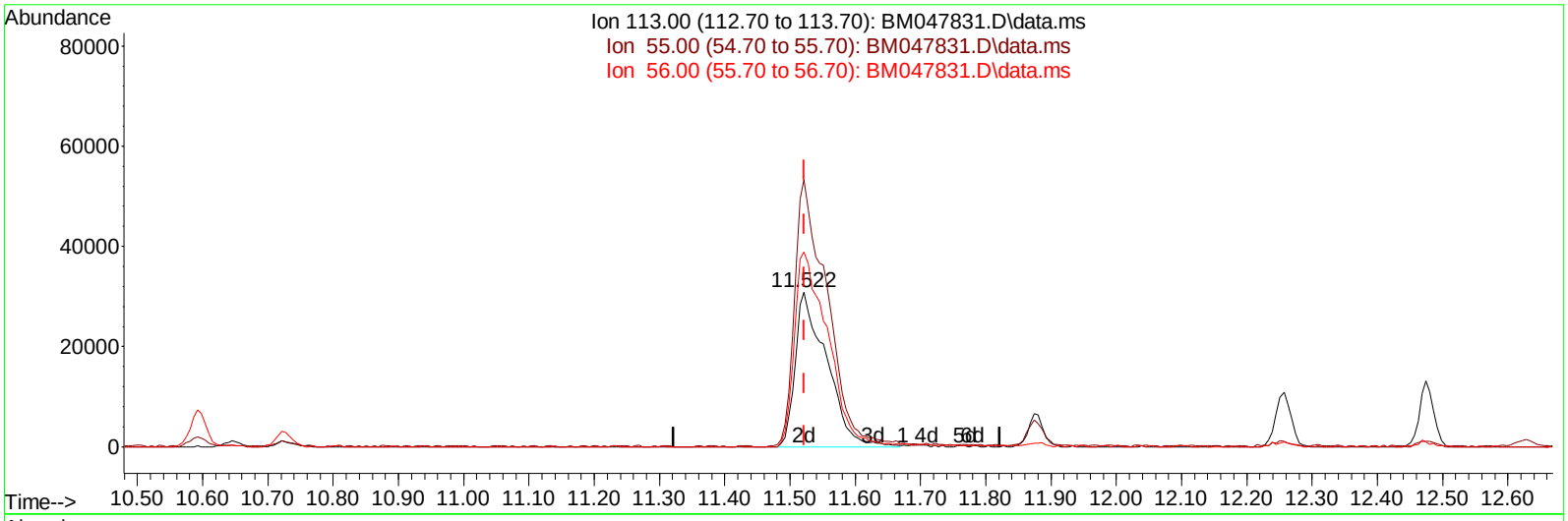

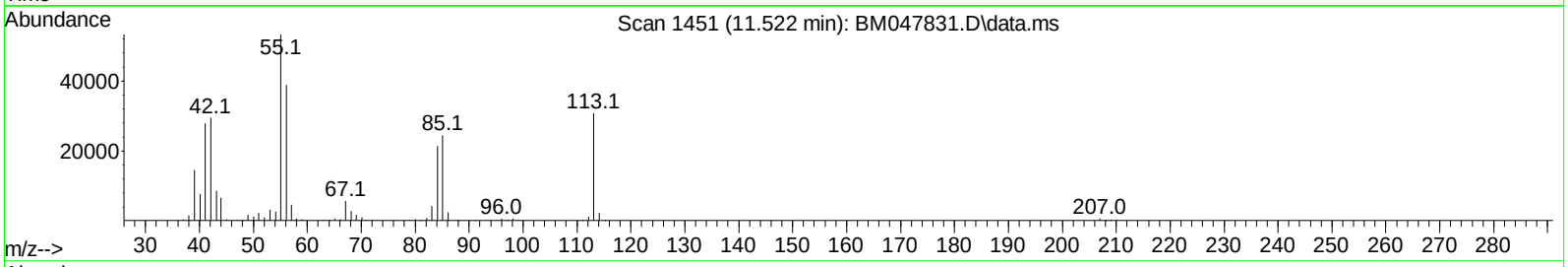

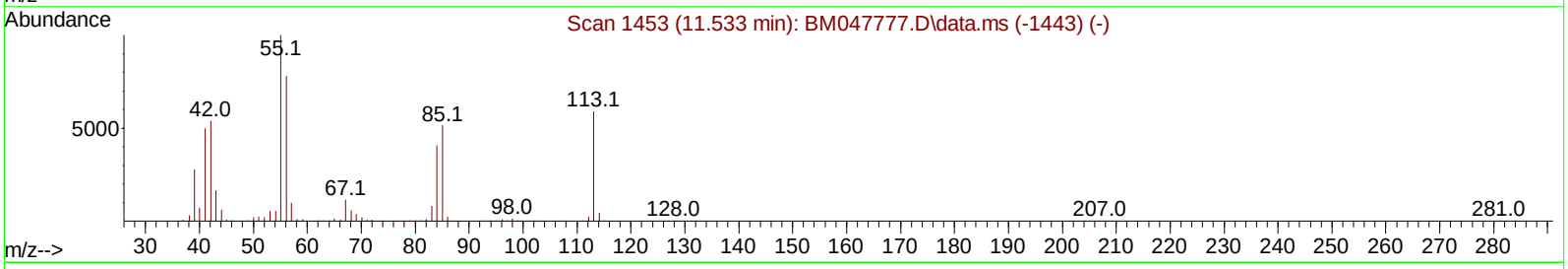

TIC: BM047831.D\data.ms

(34) Caprolactam

11.522min (0.000) 18.49 ng/ul m

response 102568

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	172.74
56.00	164.10	125.96#
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	7.798	152	273962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1102083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	681129	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1384781	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1329994	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1479494	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	55271	6.520	ng/uL	0.00
4) Pyridine-d5	3.663	84	383393	15.446	ng/ul	0.00
7) Phenol-d5	6.969	99	427690	16.509	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	270518	14.716	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	361973	19.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	340058	17.655	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	172957	19.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	179339	21.327	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	345095	20.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	477364	18.382	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	961751	19.476	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	1113430	19.017	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	186250	18.943	ng/ul	0.00
60) Fluorene-d10	15.427	176	812265	18.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	147675	18.223	ng/ul	0.00
73) Anthracene-d10	17.274	188	1267606	18.616	ng/ul	0.00
81) Pyrene-d10	19.556	212	1426983	18.905	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1435811	18.705	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	58725	6.342	ng/uL	89
5) Pyridine	3.687	79	405531	15.518	ng/ul	89
6) Benzaldehyde	6.939	77	203332	14.433	ng/ul	93
8) Phenol	6.992	94	437075	15.856	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.222	93	366501	16.686	ng/ul	93
12) 2-Chlorophenol	7.369	128	369260	18.493	ng/ul	92
13) 2-Methylphenol	8.245	108	331381	17.241	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	549410	13.288	ng/ul#	95
16) Acetophenone	8.622	105	549914	16.686	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.610	70	277599	15.903	ng/ul#	89
18) 4-Methylphenol	8.569	108	360896	16.708	ng/ul	98
19) Hexachloroethane	8.881	117	159698	17.793	ng/ul	91
22) Nitrobenzene	8.998	77	412468	16.547	ng/ul	92
23) Isophorone	9.528	82	776638	17.417	ng/ul#	94
25) 2-Nitrophenol	9.710	139	194363	20.204	ng/ul#	87
26) 2,4-Dimethylphenol	9.769	107	376183	18.250	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.004	93	477978	17.526	ng/ul	99
29) 2,4-Dichlorophenol	10.239	162	339534	19.575	ng/ul	97
30) Naphthalene	10.645	128	1172973	18.503	ng/ul	99
32) 4-Chloroaniline	10.751	127	460770	18.019	ng/ul	100
33) Hexachlorobutadiene	10.933	225	220271	19.220	ng/ul	98
34) Caprolactam	11.522	113	102568m	18.490	ng/ul	
35) 4-Chloro-3-methylphenol	11.874	107	343865	19.151	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	763287	18.950	ng/ul	99
37) 1-Methylnaphthalene	12.474	142	791946	19.325	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	410008	18.492	ng/ul#	97
40) Hexachlorocyclopentadiene	12.610	237	236477	17.633	ng/ul	100
41) 2,4,6-Trichlorophenol	12.868	196	257253	20.053	ng/ul	100
42) 2,4,5-Trichlorophenol	12.939	196	273642	19.506	ng/ul	98
43) 1,1'-Biphenyl	13.268	154	996346	18.270	ng/ul#	97
44) 2-Chloronaphthalene	13.310	162	782929	18.563	ng/ul	96
45) 2-Nitroaniline	13.510	65	218898	16.349	ng/ul#	82
47) Dimethylphthalate	13.892	163	964892	19.293	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	181765	20.695	ng/ul#	85
50) Acenaphthylene	14.157	152	1288645	19.516	ng/ul	100
51) 3-Nitroaniline	14.333	138	184800	17.384	ng/ul	90
52) Acenaphthene	14.498	153	853413	18.284	ng/ul	97
53) 2,4-Dinitrophenol	14.539	184	93173	17.168	ng/ul#	79
55) 4-Nitrophenol	14.645	109	137643	16.674	ng/ul	89
56) Dibenzofuran	14.833	168	1152057	18.336	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	271158	20.555	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.062	232	235836	21.327	ng/ul#	95
59) Diethylphthalate	15.257	149	970664	19.398	ng/ul	98
61) Fluorene	15.480	166	967933	18.465	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.474	204	469288	18.946	ng/ul	97
63) 4-Nitroaniline	15.492	138	183382	17.763	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	161509	17.987	ng/ul#	86
67) N-Nitrosodiphenylamine	15.686	169	783647	18.160	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	282707	19.806	ng/ul	98
69) Hexachlorobenzene	16.486	284	323481	19.474	ng/ul	93
70) Atrazine	16.639	200	245624	17.100	ng/ul	99
71) Pentachlorophenol	16.827	266	204671	19.377	ng/ul	99
72) Phenanthrene	17.215	178	1503395	18.513	ng/ul	100
74) Anthracene	17.304	178	1523482	18.393	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.233	216	396014	17.272	ng/uL	99
76) Pentachlorobenzene	14.757	250	395090	17.654	ng/uL	99
77) Carbazole	17.574	167	1372089	18.276	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1673213	20.019	ng/ul	99
80) Fluoranthene	19.227	202	1708298	19.216	ng/ul	97
82) Pyrene	19.586	202	1810518	18.298	ng/ul	96
83) Butylbenzylphthalate	20.480	149	732939	20.952	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.303	252	513214	18.262	ng/ul	98
85) Benzo(a)anthracene	21.380	228	1775565	19.067	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	1089949	20.753	ng/ul	98
87) Chrysene	21.439	228	1682054	18.528	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	1836084	19.240	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	1752355	18.993	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	1760724	18.663	ng/ul	99
93) Benzo(a)pyrene	24.256	252	1670269	19.061	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.779	276	2031992	18.095	ng/ul	98
95) Dibenzo(a,h)anthracene	27.838	278	1685744	18.318	ng/ul	98
96) Benzo(g,h,i)perylene	28.832	276	1652154	18.778	ng/ul	97

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

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