Quantitation Report (Qedit)

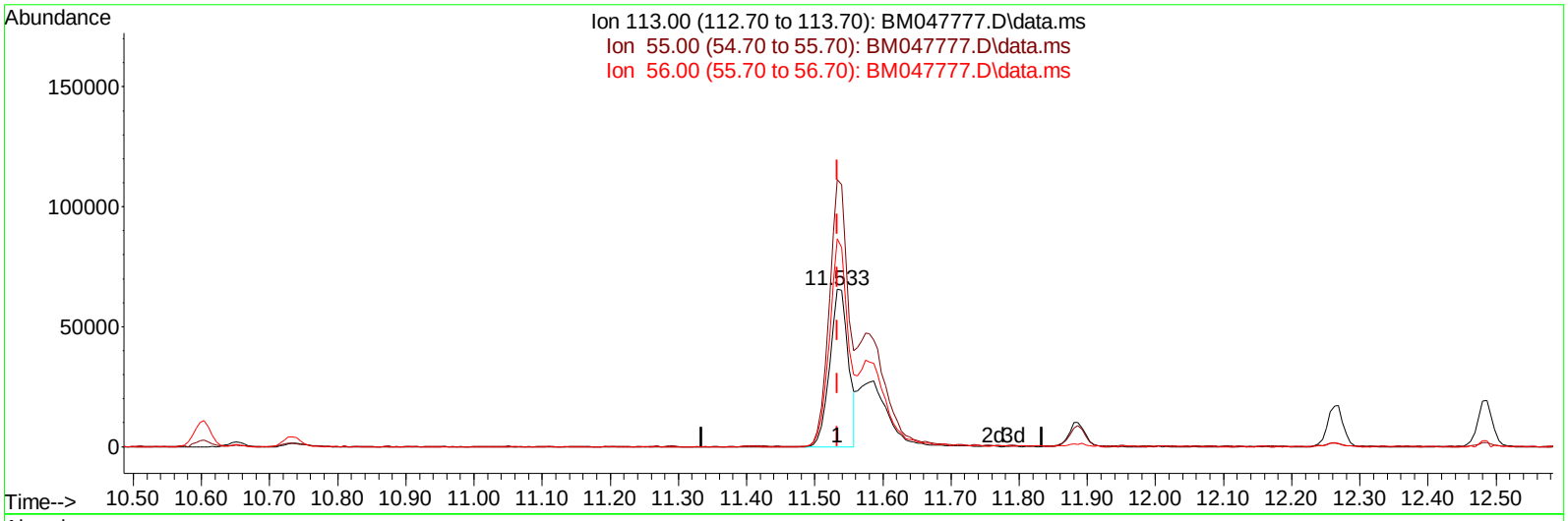
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
Data File : BM047777.D
Acq On : 02 Oct 2024 15:19
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

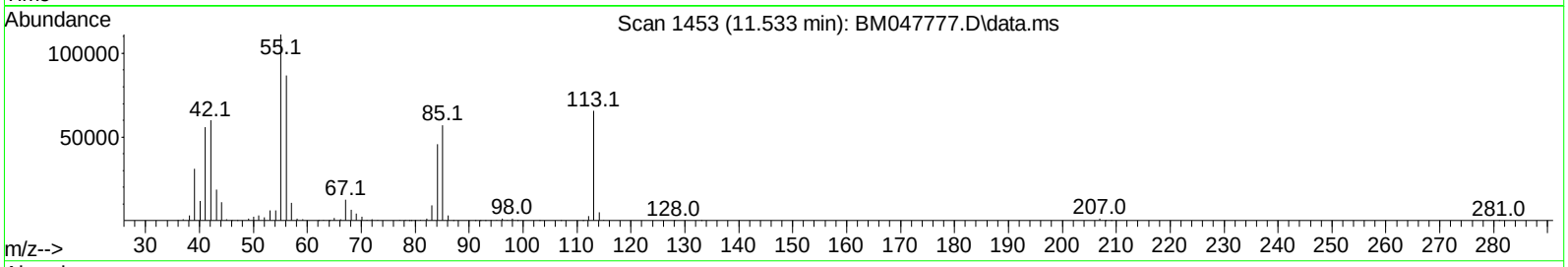
Quant Time: Oct 02 16:06:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

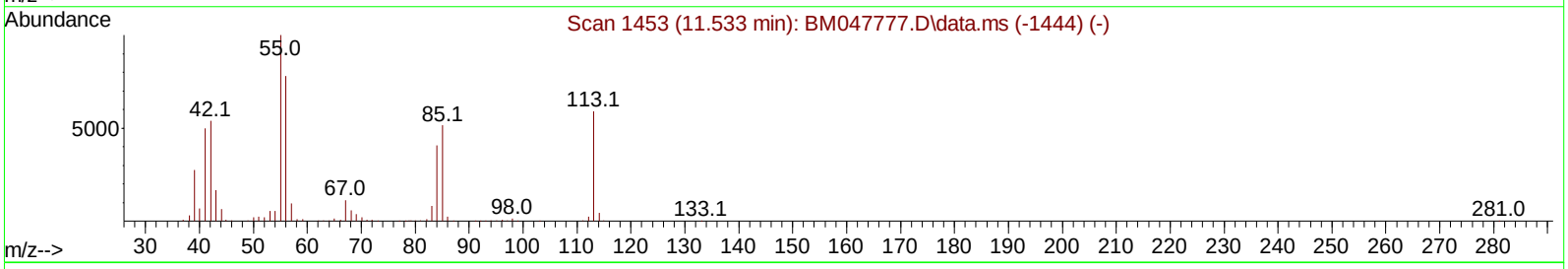
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024







TIC: BM047777.D\data.ms

(34) Caprolactam

11.533min (-0.000) 15.66 ng/ul

response 124257

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	169.59
56.00	164.10	132.12
0.00	0.00	0.00

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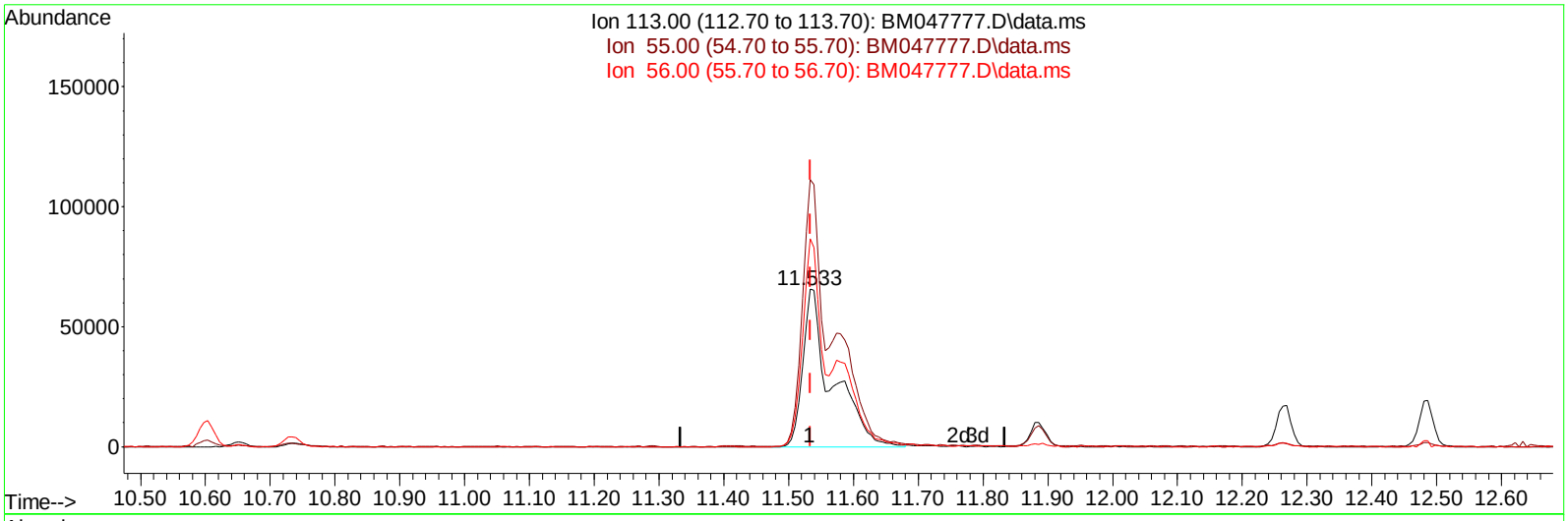

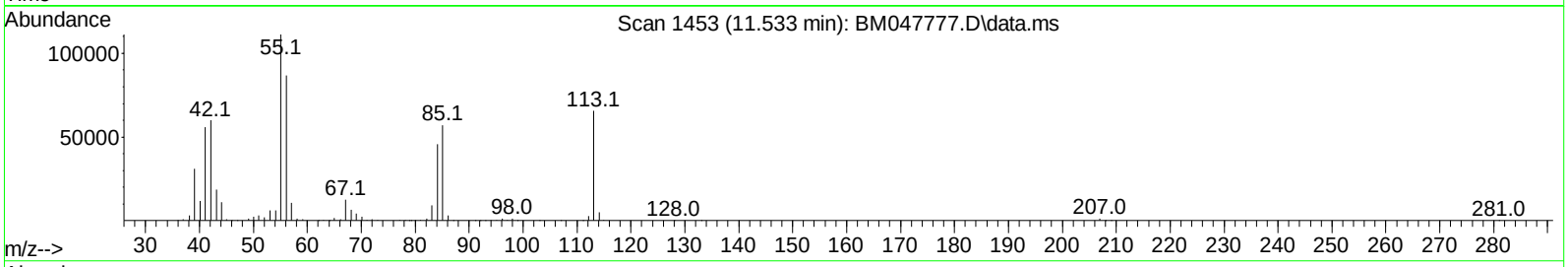

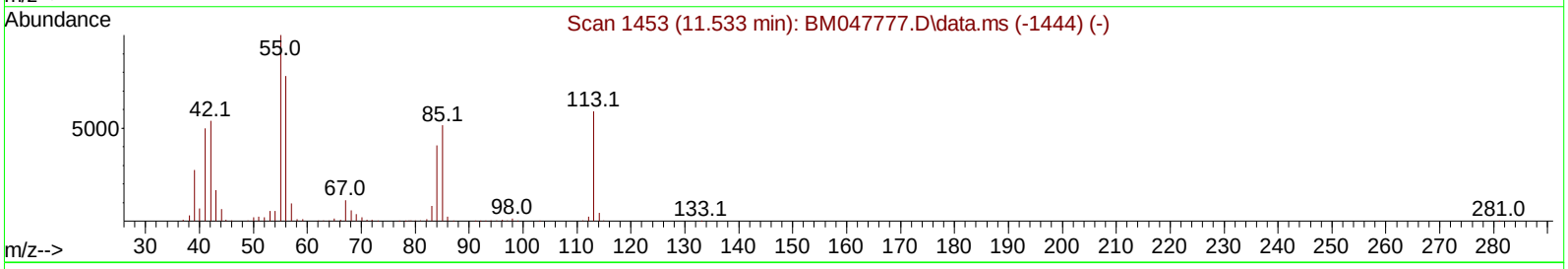

TIC: BM047777.D\data.ms

(34) Caprolactam

11.533min (-0.000) 26.01 ng/ul m

response 206321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	169.59
56.00	164.10	132.12
0.00	0.00	0.00

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Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
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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	361224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1576023	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.445	164	1052468	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	2148775	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	1942678	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	2170253	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	68207	6.102	ng/uL	0.00
4) Pyridine-d5	3.669	84	542443	16.574	ng/ul	0.00
7) Phenol-d5	6.975	99	636889	18.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	389379	16.065	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	520182	20.932	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	507726	19.993	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	260214	20.737	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	278004	23.119	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	533039	22.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	741304	19.961	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1559185	20.434	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1787537	19.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	298250	19.632	ng/ul	0.00
60) Fluorene-d10	15.433	176	1323633	20.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	247370	19.673	ng/ul	0.00
73) Anthracene-d10	17.280	188	2040633	19.314	ng/ul	0.00
81) Pyrene-d10	19.568	212	2335200	21.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	2285219	20.295	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	73494	6.020	ng/uL#	90
5) Pyridine	3.687	79	557488	16.180	ng/ul	91
6) Benzaldehyde	6.945	77	388853	20.933	ng/ul	92
8) Phenol	6.998	94	657984	18.104	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.228	93	521441	18.006	ng/ul	91
12) 2-Chlorophenol	7.375	128	534524	20.303	ng/ul	92
13) 2-Methylphenol	8.251	108	495875	19.567	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	792447	14.536	ng/ul#	95
16) Acetophenone	8.628	105	839559	19.320	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.616	70	429609	18.666	ng/ul#	90
18) 4-Methylphenol	8.575	108	559608	19.650	ng/ul	99
19) Hexachloroethane	8.892	117	223410	18.879	ng/ul	89
22) Nitrobenzene	9.004	77	609789	17.107	ng/ul	91
23) Isophorone	9.539	82	1205444	18.904	ng/ul#	94
25) 2-Nitrophenol	9.716	139	304914	22.164	ng/ul#	88
26) 2,4-Dimethylphenol	9.781	107	561213	19.039	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.010	93	722075	18.514	ng/ul	97
29) 2,4-Dichlorophenol	10.251	162	534207	21.537	ng/ul	97
30) Naphthalene	10.651	128	1761377	19.430	ng/ul	99
32) 4-Chloroaniline	10.757	127	720298	19.697	ng/ul	98
33) Hexachlorobutadiene	10.945	225	330364	20.158	ng/ul	98
34) Caprolactam	11.533	113	206321m	26.008	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	562787	21.918	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	1212576	21.052	ng/ul	97
37) 1-Methylnaphthalene	12.486	142	1225941	20.919	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	642456	18.752	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	350848	16.931	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	429910	21.687	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	459860	21.214	ng/ul	98
43) 1,1'-Biphenyl	13.274	154	1580041	18.751	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	1226876	18.825	ng/ul	97
45) 2-Nitroaniline	13.516	65	359804	17.391	ng/ul#	80
47) Dimethylphthalate	13.898	163	1566085	20.266	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	308003	22.695	ng/ul#	85
50) Acenaphthylene	14.163	152	1966985	19.279	ng/ul	99
51) 3-Nitroaniline	14.345	138	345151	21.013	ng/ul	84
52) Acenaphthene	14.510	153	1356461	18.807	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	189405	22.586	ng/ul#	77
55) 4-Nitrophenol	14.651	109	229836	18.019	ng/ul	90
56) Dibenzofuran	14.839	168	1868982	19.251	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	460668	22.600	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.068	232	392228	22.955	ng/ul#	96
59) Diethylphthalate	15.262	149	1582007	20.461	ng/ul	98
61) Fluorene	15.492	166	1523623	18.811	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	743168	19.417	ng/ul	96
63) 4-Nitroaniline	15.504	138	355010	22.254	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.562	198	272436	19.553	ng/ul#	88
67) N-Nitrosodiphenylamine	15.698	169	1276176	19.059	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	452529	20.431	ng/ul	98
69) Hexachlorobenzene	16.492	284	531526	20.621	ng/ul	94
70) Atrazine	16.645	200	465830	20.899	ng/ul	97
71) Pentachlorophenol	16.833	266	360094	21.970	ng/ul	99
72) Phenanthrene	17.221	178	2365665	18.773	ng/ul	100
74) Anthracene	17.315	178	2421268	18.839	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	653822	18.377	ng/uL	98
76) Pentachlorobenzene	14.763	250	651517	18.761	ng/uL	98
77) Carbazole	17.580	167	2180294	18.716	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2817183	21.722	ng/ul	98
80) Fluoranthene	19.233	202	2729354	21.018	ng/ul	98
82) Pyrene	19.598	202	2903638	20.090	ng/ul	95
83) Butylbenzylphthalate	20.492	149	1229455	24.062	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.309	252	835657	20.357	ng/ul	100
85) Benzo(a)anthracene	21.392	228	2738933	20.136	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	1866578	24.332	ng/ul	97
87) Chrysene	21.450	228	2596602	19.582	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	3157171	22.554	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2693124	19.899	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	2670717	19.299	ng/ul	98
93) Benzo(a)pyrene	24.274	252	2487897	19.355	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.809	276	3118982	18.935	ng/ul	98
95) Dibenzo(a,h)anthracene	27.868	278	2539236	18.810	ng/ul	97
96) Benzo(g,h,i)perylene	28.867	276	2427615	18.810	ng/ul	97

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

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