Quantitation Report (Qedit)

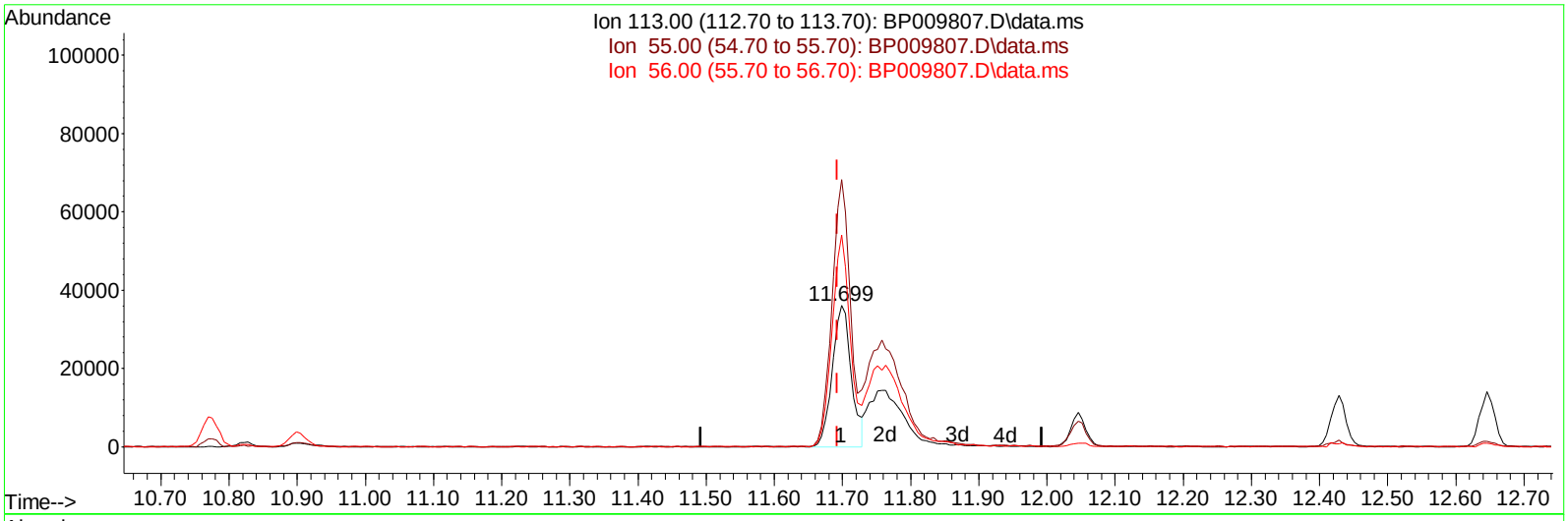
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
Data File : BP009807.D
Acq On : 13 Apr 2022 05:25
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

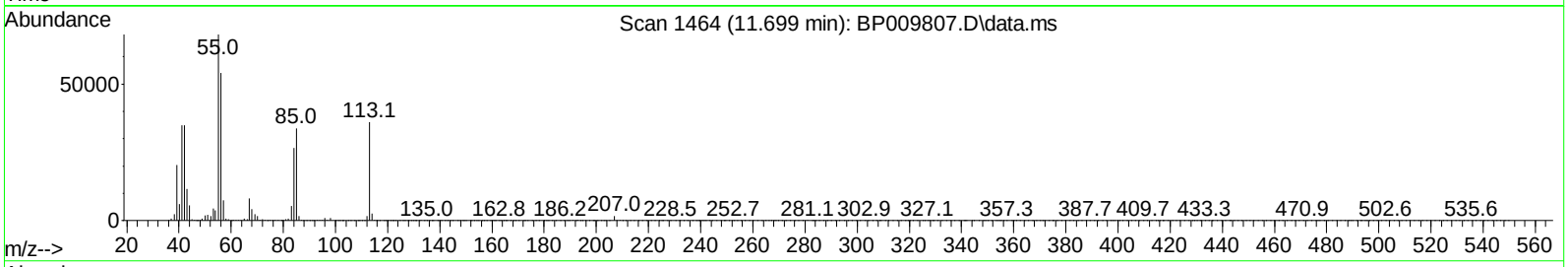
Quant Time: Apr 13 06:01:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 13 02:15:22 2022
Response via : Initial Calibration

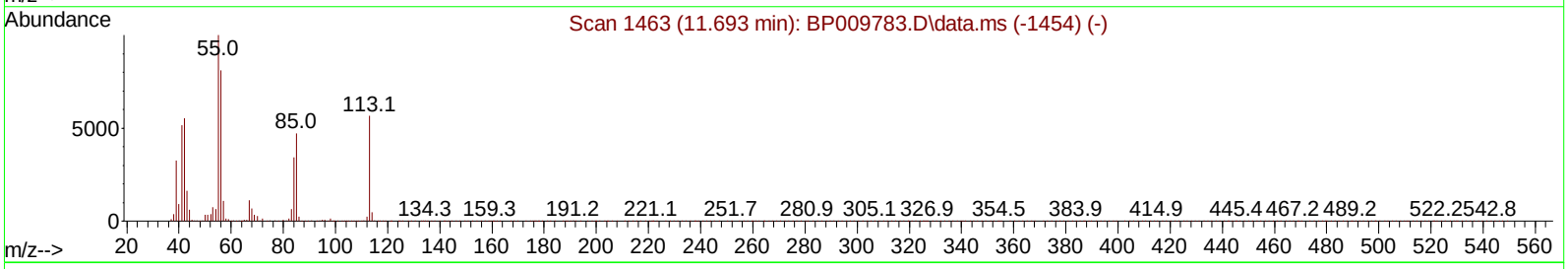
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/13/2022







TIC: BP009807.D\data.ms

(34) Caprolactam

11.699min (+ 0.006) 13.64 ng/ul

response 69972

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	188.54#
56.00	85.80	149.59#
0.00	0.00	0.00

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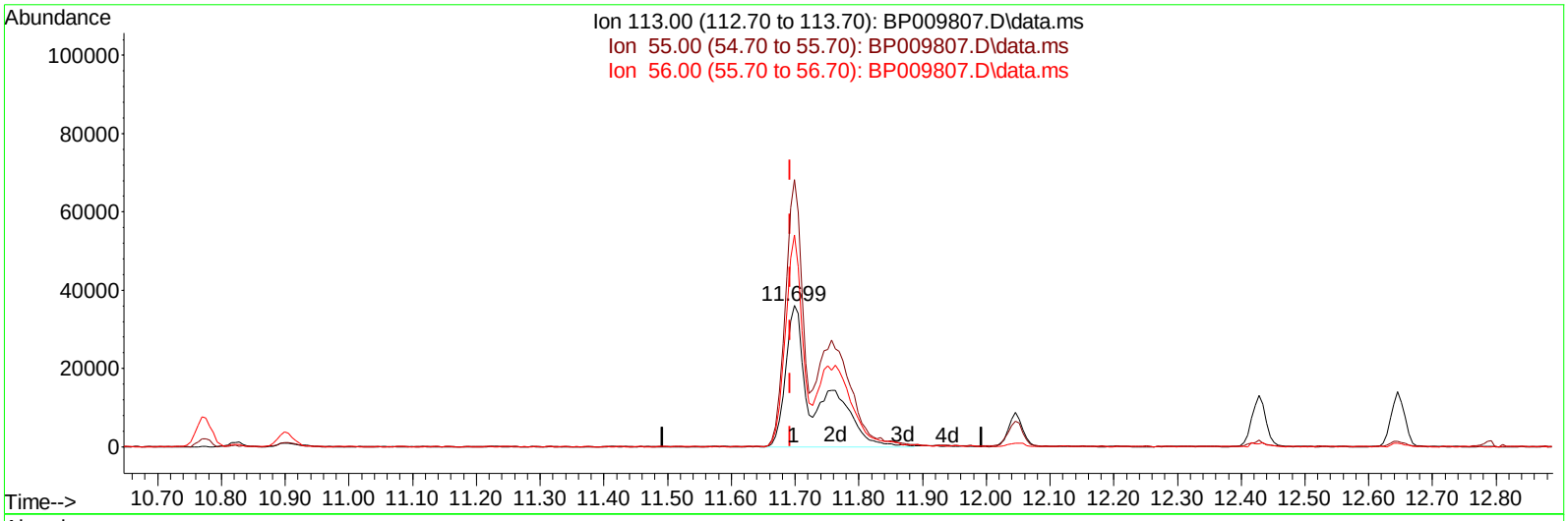

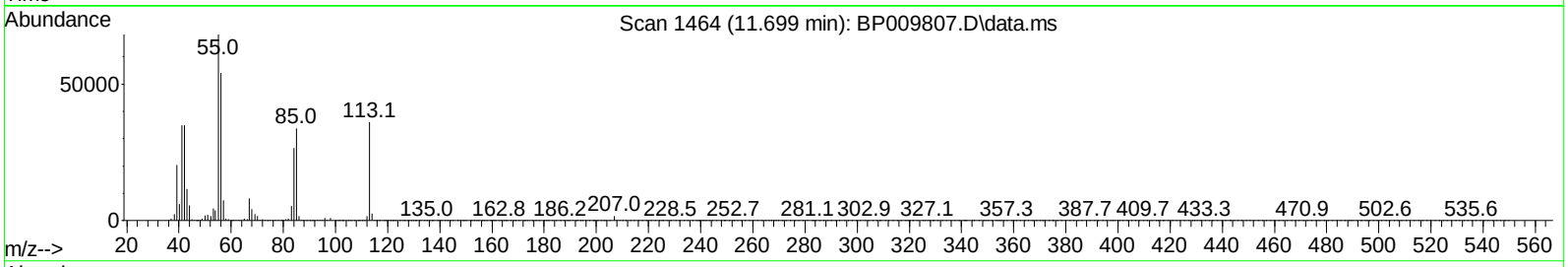

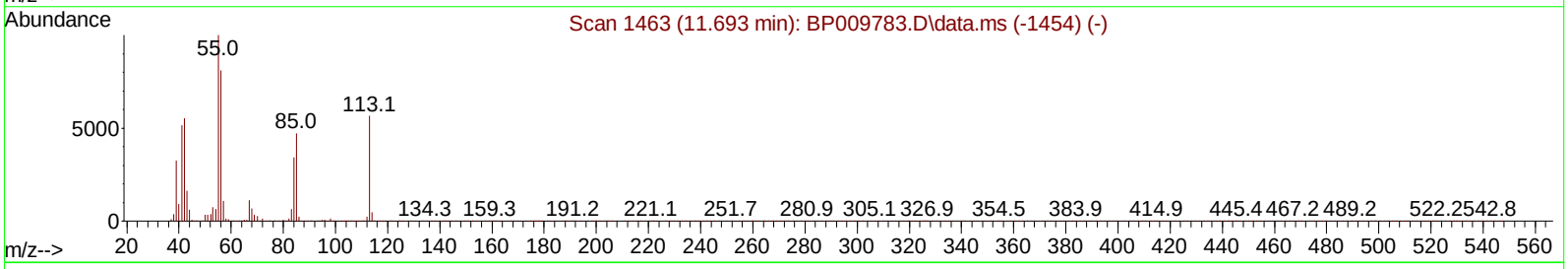

TIC: BP009807.D\data.ms

(34) Caprolactam

11.699min (+ 0.006) 23.73 ng/ul m

response 121758

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	188.54#
56.00	85.80	149.59#
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	7.964	152	171757	20.000	ng/ul		0.00
20) Naphthalene-d8	10.775	136	967434	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.598	164	740798	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.345	188	1694434	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.428	240	1873663	20.000	ng/ul	#	0.00
88) Perylene-d12	23.898	264	1960187	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.381	96	29274	7.607	ng/uL		0.00
4) Pyridine-d5	3.799	84	238189	22.448	ng/ul		0.00
7) Phenol-d5	7.117	99	359380	23.833	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	218041	24.288	ng/ul		0.00
11) 2-Chlorophenol-d4	7.493	132	260982	22.945	ng/ul		0.00
15) 4-Methylphenol-d8	8.669	113	316709	25.160	ng/ul		0.00
21) Nitrobenzene-d5	9.122	128	153024	21.934	ng/ul		0.00
24) 2-Nitrophenol-d4	9.852	143	173883	22.734	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.387	165	333952	20.865	ng/ul		0.00
31) 4-Chloroaniline-d4	10.899	131	470832	20.654	ng/ul		0.00
46) Dimethylphthalate-d6	14.004	166	1149069	19.747	ng/ul		0.00
49) Acenaphthylene-d8	14.287	160	1369911	19.871	ng/ul		0.00
54) 4-Nitrophenol-d4	14.781	143	224981	21.319	ng/ul		0.00
60) Fluorene-d10	15.587	176	976250	19.943	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	210685	20.989	ng/ul		0.00
73) Anthracene-d10	17.445	188	1598949	19.709	ng/ul		0.00
81) Pyrene-d10	19.675	212	1993919	19.485	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.733	264	2057933	20.160	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	27923	7.117	ng/uL	#	17
5) Pyridine	3.817	79	243774	22.019	ng/ul	#	38
6) Benzaldehyde	7.099	77	170809	18.470	ng/ul		94
8) Phenol	7.146	94	361432	23.946	ng/ul	#	91
10) Bis(2-Chloroethyl)ether	7.381	93	283421	24.106	ng/ul	#	79
12) 2-Chlorophenol	7.528	128	265318	23.137	ng/ul		95
13) 2-Methylphenol	8.405	108	286519	24.343	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	435875	25.080	ng/ul	#	85
16) Acetophenone	8.787	105	506016	25.514	ng/ul	#	78
17) N-Nitroso-di-n-propyla...	8.781	70	272609	26.512	ng/ul	#	71
18) 4-Methylphenol	8.734	108	326223	25.594	ng/ul		92
19) Hexachloroethane	9.052	117	105360	21.761	ng/ul	#	81
22) Nitrobenzene	9.163	77	375759	20.984	ng/ul	#	85
23) Isophorone	9.699	82	786313	21.309	ng/ul		97
25) 2-Nitrophenol	9.881	139	182138	22.327	ng/ul	#	85
26) 2,4-Dimethylphenol	9.940	107	360133	18.603	ng/ul	#	82
27) Bis(2-Chloroethoxy)met...	10.181	93	442525	20.427	ng/ul	#	97
29) 2,4-Dichlorophenol	10.416	162	320174	20.634	ng/ul	#	85
30) Naphthalene	10.822	128	987935	19.856	ng/ul		96
32) 4-Chloroaniline	10.928	127	464171	20.576	ng/ul		96
33) Hexachlorobutadiene	11.122	225	209731	18.767	ng/ul		96
34) Caprolactam	11.699	113	121758m	23.727	ng/ul		
35) 4-Chloro-3-methylphenol	12.046	107	409489	21.779	ng/ul	#	68

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.428	142	754974	20.770	ng/ul	90
37)	1-Methylnaphthalene	12.646	142	764318	20.825	ng/ul#	94
39)	1,2,4,5-Tetrachloroben...	12.799	216	442881	19.541	ng/ul	94
40)	Hexachlorocyclopentadiene	12.781	237	225753	14.353	ng/ul	97
41)	2,4,6-Trichlorophenol	13.028	196	298010	20.589	ng/ul#	81
42)	2,4,5-Trichlorophenol	13.099	196	330001	21.097	ng/ul#	86
43)	1,1'-Biphenyl	13.434	154	1058790	19.588	ng/ul	93
44)	2-Chloronaphthalene	13.475	162	817650	19.680	ng/ul	94
45)	2-Nitroaniline	13.669	65	294895	24.219	ng/ul#	80
47)	Dimethylphthalate	14.051	163	1107305	19.771	ng/ul#	92
48)	2,6-Dinitrotoluene	14.163	165	237612	23.065	ng/ul	96
50)	Acenaphthylene	14.316	152	1351603	19.866	ng/ul	95
51)	3-Nitroaniline	14.493	138	223744	20.892	ng/ul#	79
52)	Acenaphthene	14.663	153	883136	19.826	ng/ul	98
53)	2,4-Dinitrophenol	14.693	184	136614	21.939	ng/ul#	79
55)	4-Nitrophenol	14.798	109	207000	21.308	ng/ul#	54
56)	Dibenzofuran	14.993	168	1309207	19.970	ng/ul	97
57)	2,4-Dinitrotoluene	14.951	165	348766	23.056	ng/ul#	85
58)	2,3,4,6-Tetrachlorophenol	15.216	232	294834	20.673	ng/ul#	86
59)	Diethylphthalate	15.416	149	1146134	19.774	ng/ul	93
61)	Fluorene	15.645	166	1079075	19.983	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.640	204	561494	19.556	ng/ul	96
63)	4-Nitroaniline	15.651	138	223729	20.857	ng/ul#	79
66)	4,6-Dinitro-2-methylph...	15.716	198	202916	20.337	ng/ul#	93
67)	N-Nitrosodiphenylamine	15.851	169	945667	19.496	ng/ul	95
68)	4-Bromophenyl-phenylether	16.534	248	353432	19.269	ng/ul	95
69)	Hexachlorobenzene	16.651	284	404069	19.159	ng/ul#	90
70)	Atrazine	16.804	200	355487	17.756	ng/ul	91
71)	Pentachlorophenol	16.992	266	272311	19.075	ng/ul#	84
72)	Phenanthrene	17.392	178	1791471	19.807	ng/ul	99
74)	Anthracene	17.481	178	1795623	19.582	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.399	216	475000	19.389	ng/uL#	88
76)	Pentachlorobenzene	14.916	250	462987	19.389	ng/uL	92
77)	Carbazole	17.745	167	1622688	19.581	ng/ul#	95
78)	Di-n-butylphthalate	18.298	149	2016315	19.786	ng/ul#	93
80)	Fluoranthene	19.345	202	2239469	19.013	ng/ul	97
82)	Pyrene	19.704	202	2282892	19.116	ng/ul#	92
83)	Butylbenzylphthalate	20.569	149	966478	19.728	ng/ul#	83
84)	3,3'-Dichlorobenzidine	21.339	252	741236	18.565	ng/ul#	97
85)	Benzo(a)anthracene	21.410	228	2385835	20.086	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.339	149	1436162	19.489	ng/ul#	82
87)	Chrysene	21.469	228	2258682	19.709	ng/ul	98
89)	Di-n-octyl phthalate	22.286	149	2506793	18.253	ng/ul	100
90)	Benzo(b)fluoranthene	23.139	252	2502768	19.217	ng/ul	99
91)	Benzo(k)fluoranthene	23.192	252	2370829	19.950	ng/ul#	98
93)	Benzo(a)pyrene	23.786	252	2434490	20.166	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.480	276	2739073	21.698	ng/ul#	94
95)	Dibenzo(a,h)anthracene	26.498	278	2364012	21.596	ng/ul#	95
96)	Benzo(g,h,i)perylene	27.268	276	2277659	21.882	ng/ul#	92

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

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