Quantitation Report (Qedit)

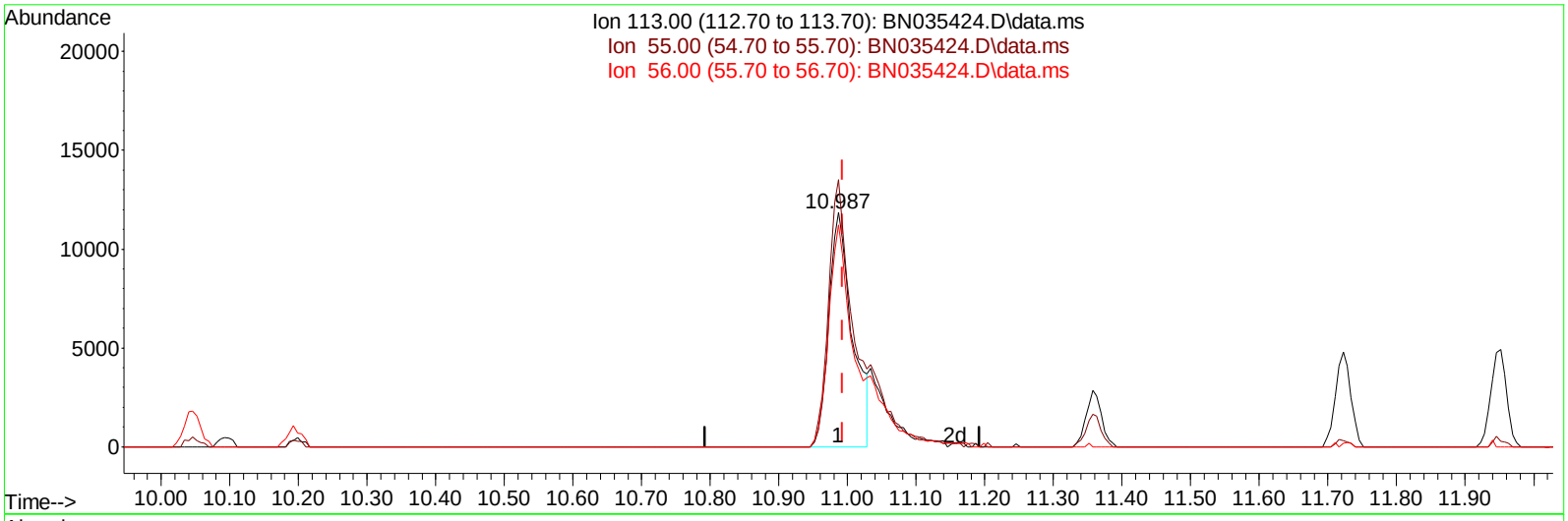
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035424.D
Acq On : 05 Dec 2024 13:12
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

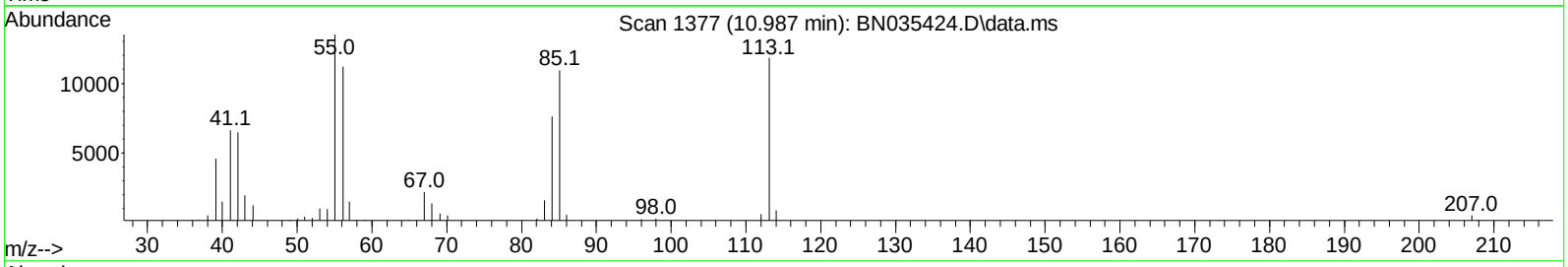
Quant Time: Dec 05 13:45:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

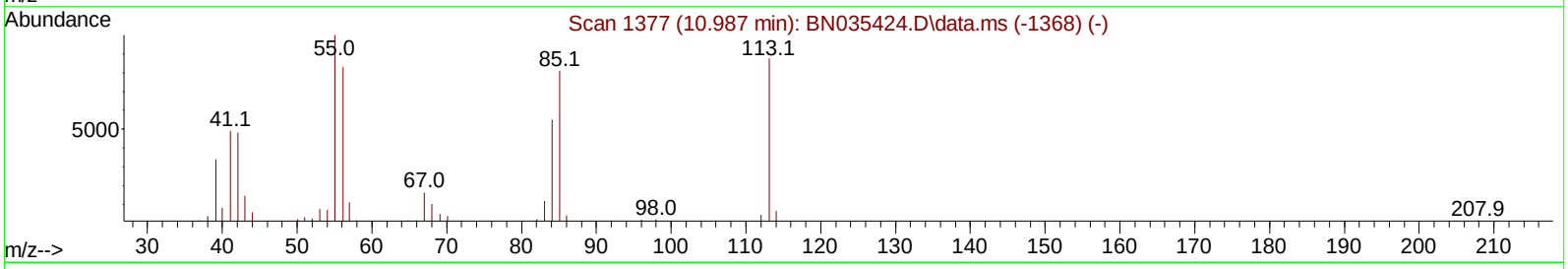
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035424.D\data.ms

(34) Caprolactam

10.987min (-0.006) 16.43 ng/ul

response 28039

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	113.95
56.00	86.70	94.63
0.00	0.00	0.00

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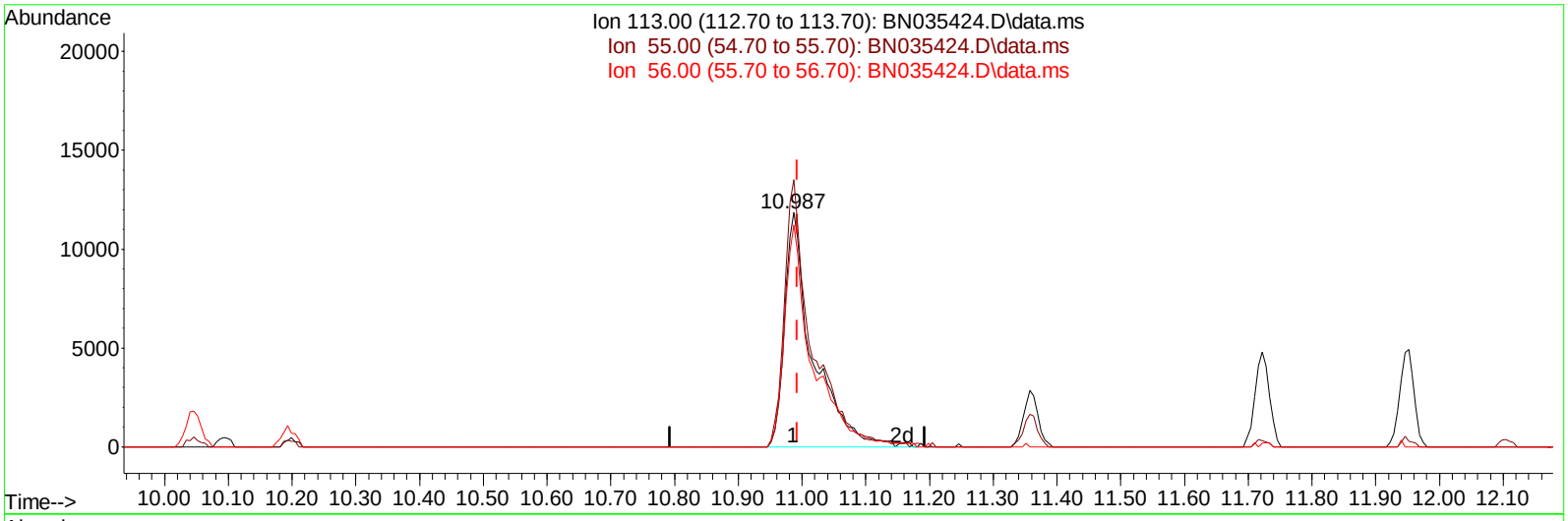

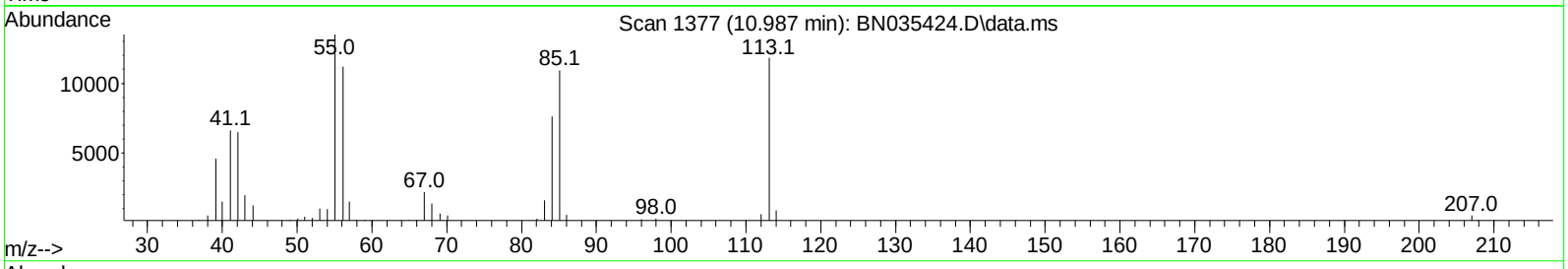

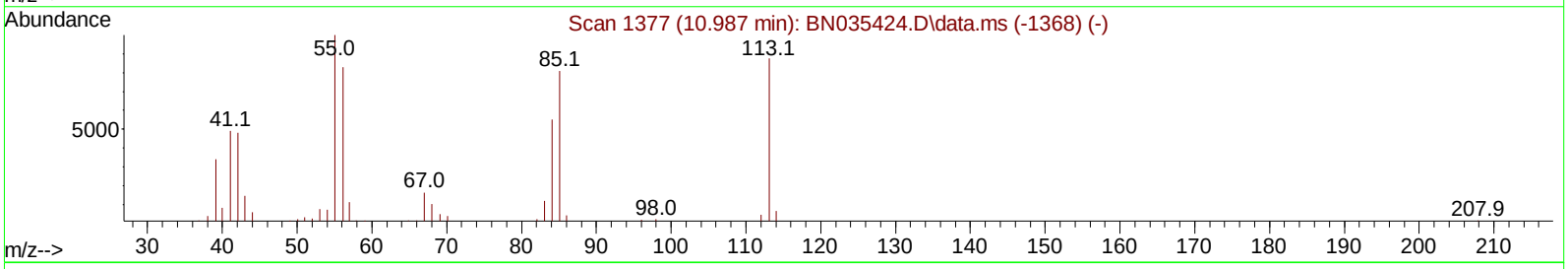

TIC: BN035424.D\data.ms

(34) Caprolactam

10.987min (-0.006) 21.27 ng/ul m

response 36312

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	113.95
56.00	86.70	94.63
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
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Quant Title : SVOA CALIBRATION
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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	7.299	152	81982	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	355237	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	279891	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	635747	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	640538	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	768607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	13910	8.017	ng/uL	0.00
4) Pyridine-d5	3.340	84	98325	21.500	ng/ul	0.00
7) Phenol-d5	6.499	99	122340	20.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	70150	21.538	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	101570	20.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.016	113	106836	20.991	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	48294	20.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	57039	21.352	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	121414	20.795	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	157506	21.848	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	417800	20.789	ng/ul	0.00
49) Acenaphthylene-d8	13.646	160	460621	20.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.193	143	69253	20.926	ng/ul	0.00
60) Fluorene-d10	14.969	176	354180	20.407	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	70961	21.164	ng/ul	0.00
73) Anthracene-d10	16.828	188	600597	21.419	ng/ul	0.00
81) Pyrene-d10	19.145	212	698430	20.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	784553	21.080	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	15222	7.824	ng/uL#	97
5) Pyridine	3.358	79	101581	22.150	ng/ul	93
6) Benzaldehyde	6.458	77	80676	25.610	ng/ul	97
8) Phenol	6.528	94	128597	21.260	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.746	93	100304	21.182	ng/ul	99
12) 2-Chlorophenol	6.869	128	106829	20.742	ng/ul	99
13) 2-Methylphenol	7.746	108	99004	21.080	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.822	45	78786	21.050	ng/ul	99
16) Acetophenone	8.111	105	178955	22.264	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.105	70	81106	21.224	ng/ul	99
18) 4-Methylphenol	8.075	108	114238	21.891	ng/ul	100
19) Hexachloroethane	8.346	117	43488	19.763	ng/ul	98
22) Nitrobenzene	8.475	77	123590	21.319	ng/ul	100
23) Isophorone	8.999	82	241766	20.812	ng/ul	99
25) 2-Nitrophenol	9.175	139	65315	21.580	ng/ul	97
26) 2,4-Dimethylphenol	9.258	107	125978	20.766	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.493	93	145984	20.629	ng/ul	98
29) 2,4-Dichlorophenol	9.705	162	127137	21.520	ng/ul	99
30) Naphthalene	10.093	128	375091	20.777	ng/ul	99
32) 4-Chloroaniline	10.216	127	152687	22.109	ng/ul	100
33) Hexachlorobutadiene	10.387	225	86630	20.778	ng/ul	94
34) Caprolactam	10.987	113	36312m	21.273	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	129679	21.072	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	281693	20.953	ng/ul	99
37) 1-Methylnaphthalene	11.946	142	291678	21.164	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.110	216	167703	20.331	ng/ul	97
40) Hexachlorocyclopentadiene	12.093	237	85303	20.586	ng/ul	94
41) 2,4,6-Trichlorophenol	12.363	196	112937	21.114	ng/ul	92
42) 2,4,5-Trichlorophenol	12.434	196	124301	20.857	ng/ul	97
43) 1,1'-Biphenyl	12.775	154	395960	20.499	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	317209	20.531	ng/ul	98
45) 2-Nitroaniline	13.028	65	65376	21.528	ng/ul	99
47) Dimethylphthalate	13.434	163	418236	20.802	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	73224	21.851	ng/ul	98
50) Acenaphthylene	13.669	152	485084	20.620	ng/ul	98
51) 3-Nitroaniline	13.875	138	74277	21.402	ng/ul	96
52) Acenaphthene	14.022	153	348327	20.572	ng/ul	98
53) 2,4-Dinitrophenol	14.087	184	44236	18.899	ng/ul	97
55) 4-Nitrophenol	14.210	109	66117	21.153	ng/ul	96
56) Dibenzofuran	14.363	168	498044	20.688	ng/ul	98
57) 2,4-Dinitrotoluene	14.345	165	116605	21.928	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.604	232	109218	21.037	ng/ul#	96
59) Diethylphthalate	14.828	149	403699	20.545	ng/ul	99
61) Fluorene	15.022	166	391654	20.194	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.034	204	200749	20.258	ng/ul	99
63) 4-Nitroaniline	15.057	138	78898	23.441	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.116	198	76613	21.090	ng/ul	94
67) N-Nitrosodiphenylamine	15.251	169	348694	20.645	ng/ul	99
68) 4-Bromophenyl-phenylether	15.928	248	134742	20.957	ng/ul	96
69) Hexachlorobenzene	16.034	284	159496	20.898	ng/ul	100
70) Atrazine	16.228	200	133901	22.197	ng/ul	99
71) Pentachlorophenol	16.381	266	105542	21.782	ng/ul	94
72) Phenanthrene	16.769	178	686635	20.977	ng/ul	99
74) Anthracene	16.863	178	701922	21.239	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.734	216	169816	20.146	ng/uL	97
76) Pentachlorobenzene	14.287	250	177997	20.513	ng/uL	99
77) Carbazole	17.139	167	630170	22.915	ng/ul	99
78) Di-n-butylphthalate	17.739	149	694971	21.709	ng/ul	99
80) Fluoranthene	18.810	202	840609	21.171	ng/ul	99
82) Pyrene	19.181	202	900010	21.136	ng/ul	97
83) Butylbenzylphthalate	20.133	149	255513	21.290	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.910	252	243991	21.365	ng/ul	99
85) Benzo(a)anthracene	20.963	228	890047	20.698	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	401505	21.217	ng/ul	98
87) Chrysene	21.022	228	858162	20.712	ng/ul	98
89) Di-n-octyl phthalate	21.969	149	687612	19.681	ng/ul	100
90) Benzo(b)fluoranthene	22.822	252	909190	20.522	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	959364	21.147	ng/ul	98
93) Benzo(a)pyrene	23.527	252	871495	20.959	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	1041058	20.990	ng/ul	99
95) Dibenzo(a,h)anthracene	26.657	278	860628	21.416	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	787945	20.931	ng/ul	99

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

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