Quantitation Report (Qedit)

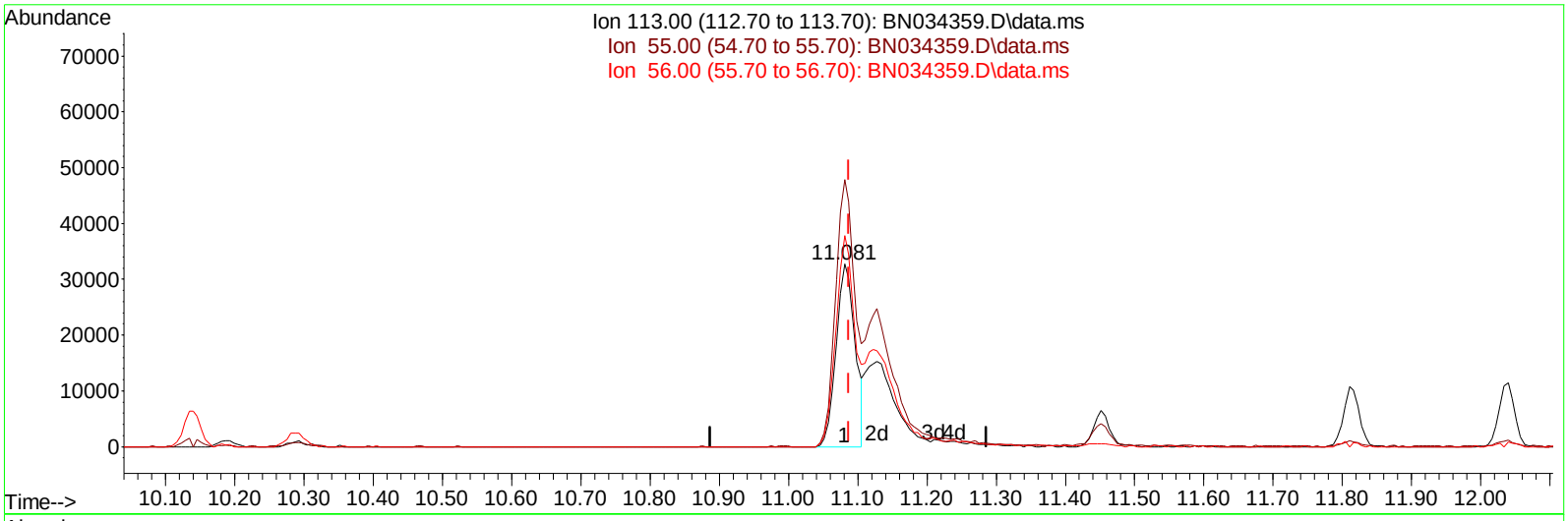
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034359.D
Acq On : 03 Oct 2024 07:21
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

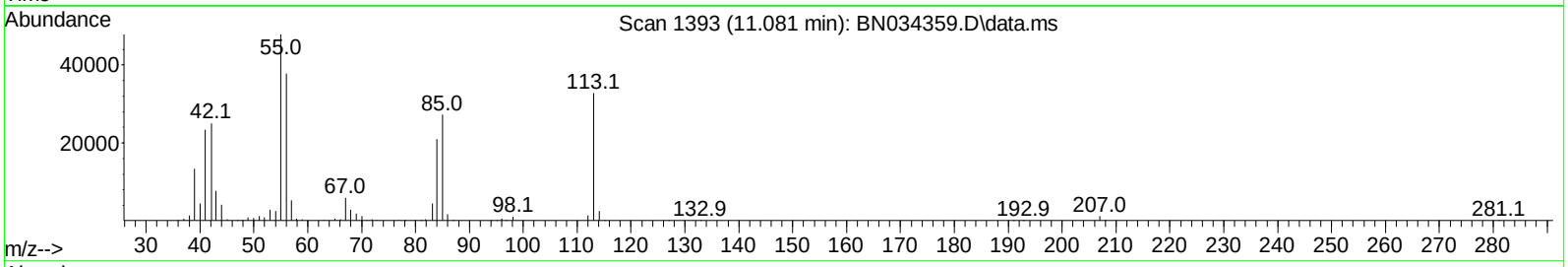
Quant Time: Oct 03 08:24:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

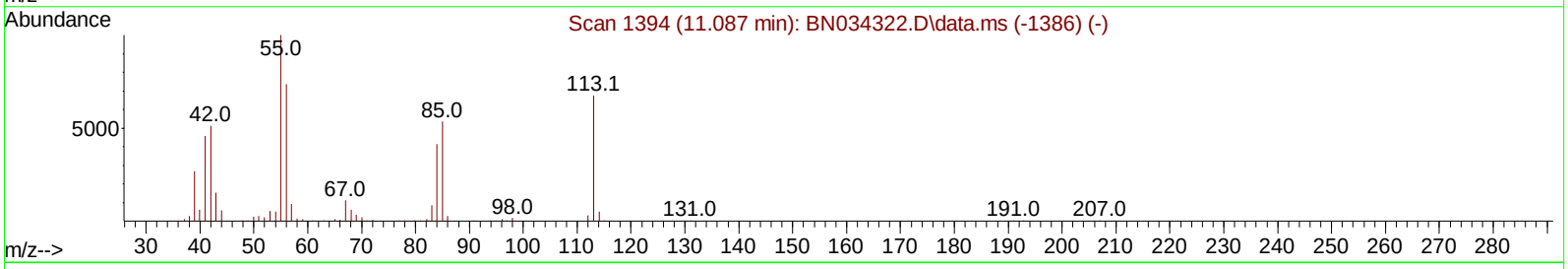
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024







TIC: BN034359.D\data.ms

(34) Caprolactam

11.081min (-0.006) 9.39 ng/ul

response 61823

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	146.10
56.00	124.60	115.50
0.00	0.00	0.00

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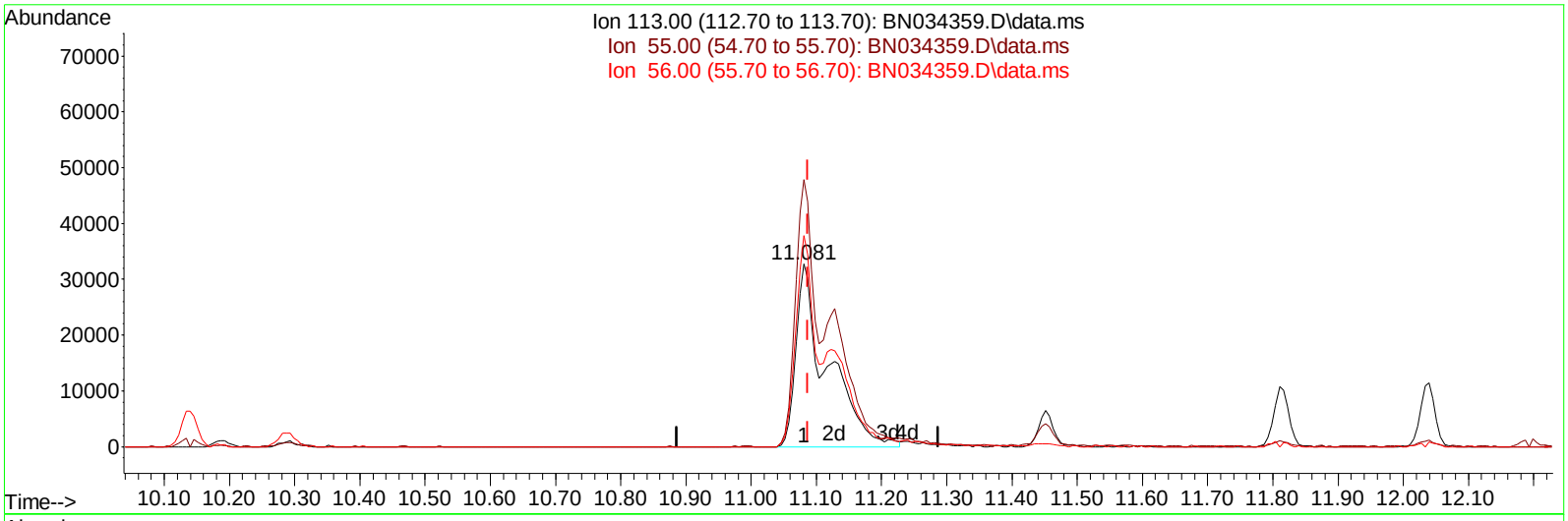

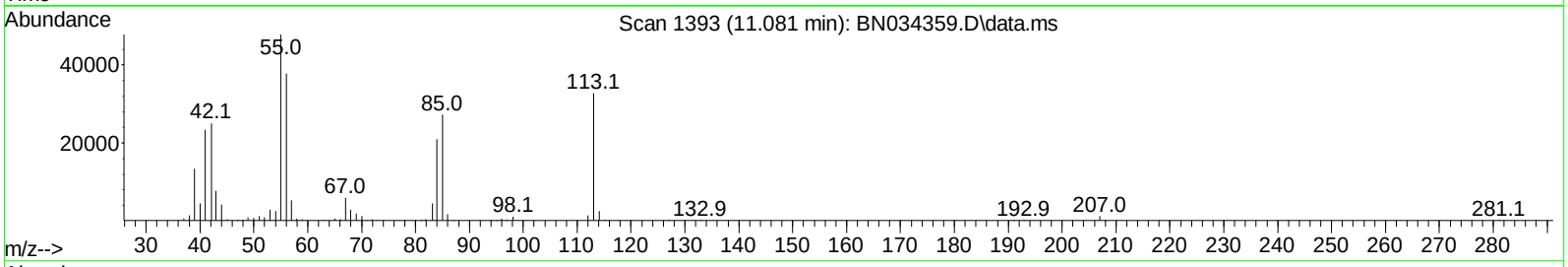

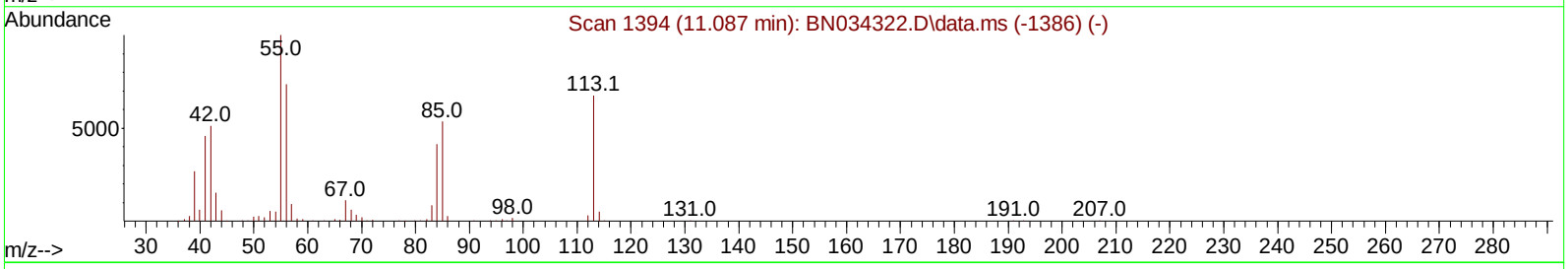

TIC: BN034359.D\data.ms

(34) Caprolactam

11.081min (-0.006) 16.67 ng/ul m

response 109795

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	146.10
56.00	124.60	115.50
0.00	0.00	0.00

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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	7.381	152	261694	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	1058471	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	651084	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.792	188	1359611	20.000	ng/ul	0.00
79) Chrysene-d12	21.028	240	1354141	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1670656	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	49345	7.694	ng/uL	0.00
4) Pyridine-d5	3.387	84	337623	17.712	ng/ul	0.00
7) Phenol-d5	6.581	99	405024	17.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	235332	16.331	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	361345	19.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	325027	17.008	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	168225	19.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	178929	20.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	330863	20.251	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	452118	18.278	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	900613	18.509	ng/ul	0.00
49) Acenaphthylene-d8	13.722	160	1086458	19.848	ng/ul	0.00
54) 4-Nitrophenol-d4	14.269	143	169800	17.004	ng/ul	0.00
60) Fluorene-d10	15.040	176	789089	19.135	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	150955	18.621	ng/ul	0.00
73) Anthracene-d10	16.892	188	1233988	19.305	ng/ul	0.00
81) Pyrene-d10	19.204	212	1424674	18.883	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1636112	19.065	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	51148	7.561	ng/uL	89
5) Pyridine	3.405	79	343095	17.589	ng/ul	94
6) Benzaldehyde	6.540	77	182758	14.907	ng/ul	88
8) Phenol	6.611	94	413822	17.113	ng/ul	92
10) Bis(2-Chloroethyl)ether	6.828	93	331628	17.646	ng/ul	94
12) 2-Chlorophenol	6.958	128	370187	19.759	ng/ul	93
13) 2-Methylphenol	7.834	108	316115	17.490	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.905	45	426798	15.399	ng/ul#	95
16) Acetophenone	8.199	105	498617	16.471	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.193	70	234424	15.638	ng/ul	94
18) 4-Methylphenol	8.163	108	341098	16.958	ng/ul	94
19) Hexachloroethane	8.440	117	148595	18.804	ng/ul	85
22) Nitrobenzene	8.569	77	367690	17.413	ng/ul	92
23) Isophorone	9.093	82	657102	16.875	ng/ul	96
25) 2-Nitrophenol	9.269	139	194234	20.005	ng/ul	89
26) 2,4-Dimethylphenol	9.346	107	349636	17.503	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.581	93	424478	17.716	ng/ul	99
29) 2,4-Dichlorophenol	9.799	162	331326	20.028	ng/ul	97
30) Naphthalene	10.187	128	1129361	19.506	ng/ul	99
32) 4-Chloroaniline	10.310	127	426880	17.513	ng/ul	100
33) Hexachlorobutadiene	10.481	225	214290	20.191	ng/ul	96
34) Caprolactam	11.081	113	109795m	16.670	ng/ul	
35) 4-Chloro-3-methylphenol	11.452	107	324801	16.677	ng/ul	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.816	142	738045	18.506	ng/ul	99
37) 1-Methylnaphthalene	12.040	142	755170	18.707	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.193	216	396530	21.096	ng/ul	98
40) Hexachlorocyclopentadiene	12.175	237	216414	18.713	ng/ul	95
41) 2,4,6-Trichlorophenol	12.451	196	253236	20.323	ng/ul	99
42) 2,4,5-Trichlorophenol	12.522	196	271187	19.813	ng/ul	98
43) 1,1'-Biphenyl	12.857	154	957481	19.506	ng/ul	98
44) 2-Chloronaphthalene	12.893	162	761686	19.919	ng/ul	98
45) 2-Nitroaniline	13.116	65	193763	15.681	ng/ul#	83
47) Dimethylphthalate	13.510	163	903575	18.220	ng/ul	98
48) 2,6-Dinitrotoluene	13.628	165	186584	19.108	ng/ul	90
50) Acenaphthylene	13.751	152	1195587	19.961	ng/ul	100
51) 3-Nitroaniline	13.957	138	182347	16.897	ng/ul	85
52) Acenaphthene	14.098	153	812441	18.999	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	112072	19.513	ng/ul#	77
55) 4-Nitrophenol	14.287	109	152530	17.986	ng/ul	93
56) Dibenzofuran	14.440	168	1115360	19.073	ng/ul	97
57) 2,4-Dinitrotoluene	14.422	165	279409	18.980	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.675	232	236414	20.815	ng/ul	92
59) Diethylphthalate	14.898	149	911938	17.598	ng/ul	97
61) Fluorene	15.098	166	914217	19.111	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.104	204	450176	19.415	ng/ul	95
63) 4-Nitroaniline	15.128	138	173535	15.627	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.187	198	163074	18.115	ng/ul	95
67) N-Nitrosodiphenylamine	15.322	169	774882	19.020	ng/ul	100
68) 4-Bromophenyl-phenylether	15.998	248	276055	19.995	ng/ul	93
69) Hexachlorobenzene	16.098	284	330711	20.638	ng/ul	94
70) Atrazine	16.292	200	255891	17.335	ng/ul	98
71) Pentachlorophenol	16.451	266	209122	19.594	ng/ul	99
72) Phenanthrene	16.840	178	1427376	19.040	ng/ul	99
74) Anthracene	16.928	178	1501100	19.609	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.816	216	394883	20.869	ng/uL	98
76) Pentachlorobenzene	14.363	250	380995	19.775	ng/uL	98
77) Carbazole	17.204	167	1317545	18.700	ng/ul	99
78) Di-n-butylphthalate	17.792	149	1567909	17.506	ng/ul	99
80) Fluoranthene	18.869	202	1681653	19.065	ng/ul	97
82) Pyrene	19.233	202	1747223	18.426	ng/ul	96
83) Butylbenzylphthalate	20.175	149	732401	17.224	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.957	252	571560	18.791	ng/ul	97
85) Benzo(a)anthracene	21.010	228	1833652	18.992	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.975	149	1115620	17.924	ng/ul	97
87) Chrysene	21.069	228	1756898	19.071	ng/ul	98
89) Di-n-octyl phthalate	22.016	149	1923902	17.307	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1968885	19.330	ng/ul	96
91) Benzo(k)fluoranthene	22.951	252	1916608	19.074	ng/ul	99
93) Benzo(a)pyrene	23.616	252	1892096	19.664	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.733	276	2369648	19.876	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	1967178	20.413	ng/ul	96
96) Benzo(g,h,i)perylene	27.668	276	1933766	20.894	ng/ul	96

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

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