Quantitation Report (Qedit)

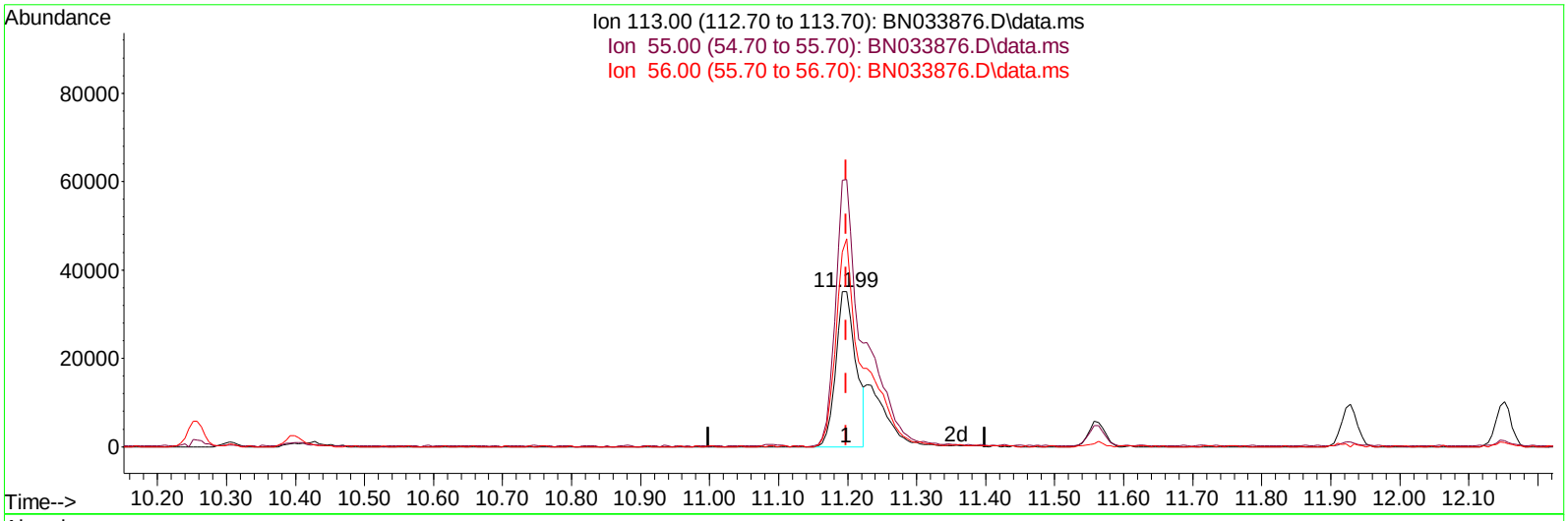
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033876.D
Acq On : 12 Sep 2024 00:47
Operator : JU/RC
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

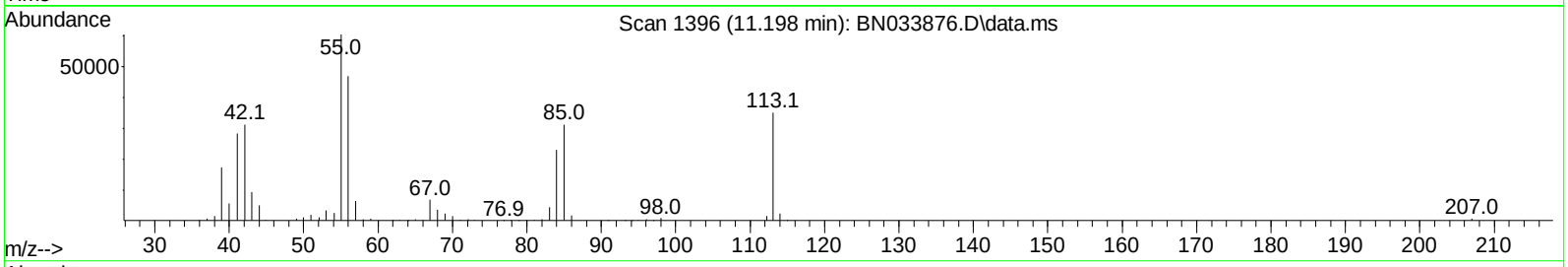
Quant Time: Sep 12 07:21:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

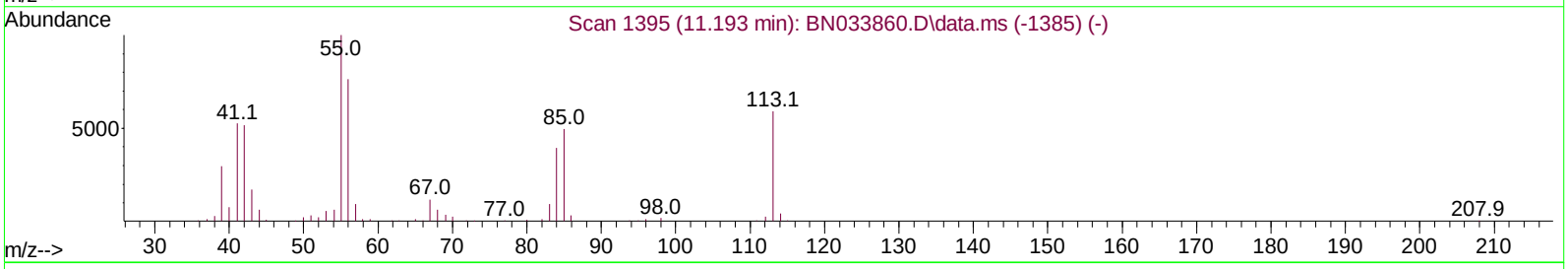
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BN033876.D\data.ms

(34) Caprolactam

11.198min (+ 0.000) 14.46 ng/ul

response 70963

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	171.71
56.00	124.60	133.68
0.00	0.00	0.00

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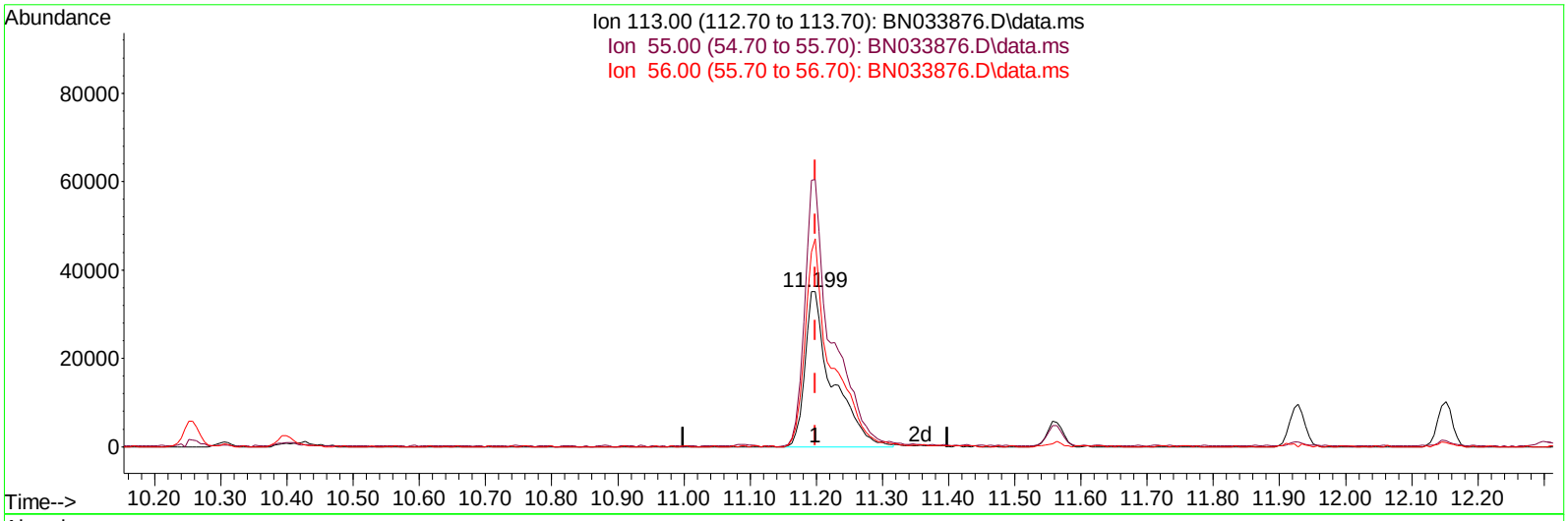

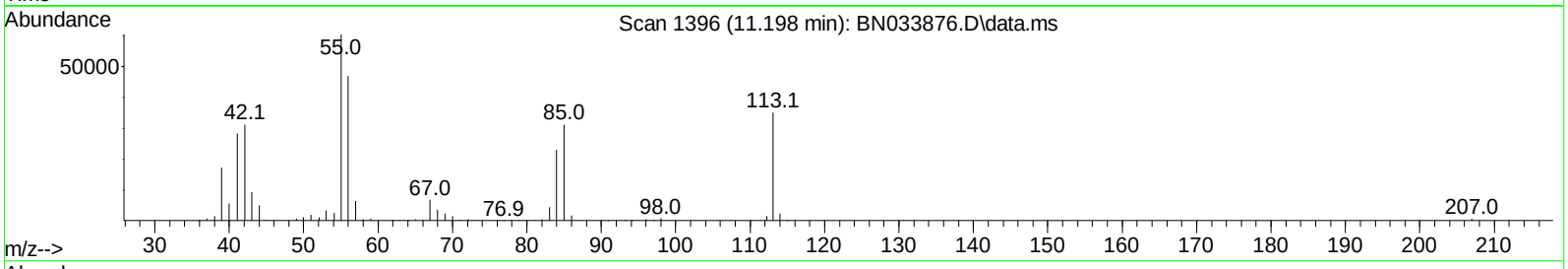

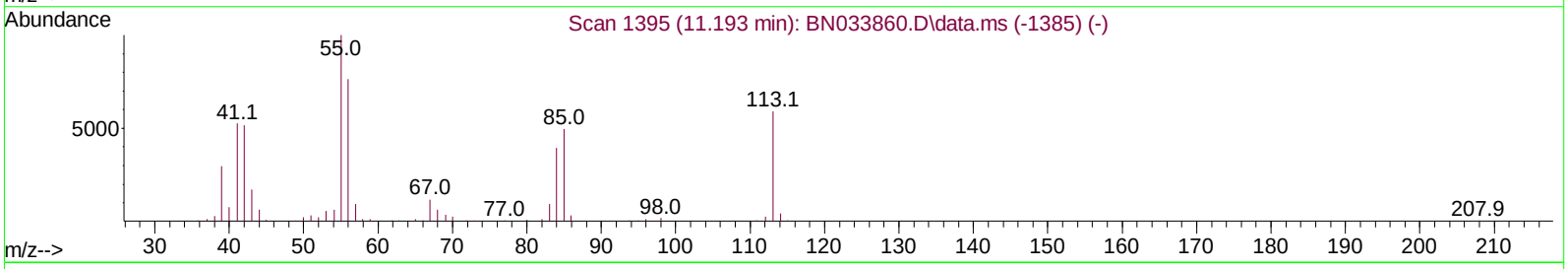

TIC: BN033876.D\data.ms

(34) Caprolactam

11.198min (+ 0.000) 20.58 ng/ul m

response 101021

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	171.71
56.00	124.60	133.68
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	7.493	152	168991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.257	136	788871	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.140	164	545920	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.892	188	1196780	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	1360138	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1800408	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	29693	7.170	ng/uL	0.00
4) Pyridine-d5	3.499	84	255974	20.795	ng/ul	0.00
7) Phenol-d5	6.687	99	309948	20.666	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	183321	19.700	ng/ul	0.00
11) 2-Chlorophenol-d4	7.034	132	241509	20.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.205	113	260791	21.133	ng/ul	0.00
21) Nitrobenzene-d5	8.640	128	122636	19.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.352	143	130029	20.110	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	256254	21.044	ng/ul	0.00
31) 4-Chloroaniline-d4	10.399	131	374949	20.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	785030	19.242	ng/ul	0.00
49) Acenaphthylene-d8	13.828	160	900228	19.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.363	143	176386	21.066	ng/ul	0.00
60) Fluorene-d10	15.139	176	674999	19.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	67147	9.410	ng/ul	0.00
73) Anthracene-d10	16.992	188	1118557	19.880	ng/ul	0.00
81) Pyrene-d10	19.298	212	1360952	17.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1828528	19.772	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	31436	7.196	ng/uL	95
5) Pyridine	3.517	79	257525	20.445	ng/ul	95
6) Benzaldehyde	6.652	77	195198	24.656	ng/ul	97
8) Phenol	6.716	94	323353	20.707	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.940	93	238381	19.642	ng/ul	98
12) 2-Chlorophenol	7.069	128	253244	20.932	ng/ul	97
13) 2-Methylphenol	7.946	108	239580	20.528	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.016	45	355652	19.871	ng/ul	100
16) Acetophenone	8.310	105	411053	21.027	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.305	70	203260	20.997	ng/ul	97
18) 4-Methylphenol	8.269	108	273863	21.084	ng/ul	100
19) Hexachloroethane	8.557	117	96095	18.832	ng/ul	96
22) Nitrobenzene	8.681	77	303534	19.287	ng/ul	98
23) Isophorone	9.204	82	584384	20.136	ng/ul	99
25) 2-Nitrophenol	9.381	139	142422	19.682	ng/ul	99
26) 2,4-Dimethylphenol	9.457	107	298494	20.050	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.693	93	341115	19.103	ng/ul	99
29) 2,4-Dichlorophenol	9.910	162	259000	21.007	ng/ul	98
30) Naphthalene	10.304	128	845677	19.598	ng/ul	100
32) 4-Chloroaniline	10.422	127	367360	20.222	ng/ul	99
33) Hexachlorobutadiene	10.599	225	149562	18.908	ng/ul	98
34) Caprolactam	11.198	113	101021m	20.579	ng/ul	
35) 4-Chloro-3-methylphenol	11.563	107	303010	20.875	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.928	142	598304	20.129	ng/ul	98
37) 1-Methylnaphthalene	12.151	142	608714	20.232	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.304	216	303465	19.255	ng/ul	98
40) Hexachlorocyclopentadiene	12.287	237	114569	11.815	ng/ul	98
41) 2,4,6-Trichlorophenol	12.557	196	215912	20.665	ng/ul	99
42) 2,4,5-Trichlorophenol	12.628	196	239676	20.884	ng/ul	98
43) 1,1'-Biphenyl	12.963	154	788694	19.163	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	617128	19.247	ng/ul	99
45) 2-Nitroaniline	13.210	65	206340	19.915	ng/ul	98
47) Dimethylphthalate	13.610	163	786202	18.908	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	160950	19.658	ng/ul	98
50) Acenaphthylene	13.857	152	986986	19.652	ng/ul	100
51) 3-Nitroaniline	14.051	138	193080	21.339	ng/ul	99
52) Acenaphthene	14.204	153	698133	19.471	ng/ul	98
53) 2,4-Dinitrophenol	14.257	184	34738	7.213	ng/ul	94
55) 4-Nitrophenol	14.375	109	149642	21.045	ng/ul	95
56) Dibenzofuran	14.545	168	962671	19.633	ng/ul	100
57) 2,4-Dinitrotoluene	14.516	165	247643	20.062	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.775	232	214964	22.572	ng/ul	100
59) Diethylphthalate	14.992	149	832939	19.170	ng/ul	99
61) Fluorene	15.198	166	788472	19.658	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.198	204	376656	19.374	ng/ul	95
63) 4-Nitroaniline	15.222	138	217048	23.311	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.281	198	74653	9.421	ng/ul	99
67) N-Nitrosodiphenylamine	15.416	169	689302	19.221	ng/ul	99
68) 4-Bromophenyl-phenylether	16.092	248	235207	19.354	ng/ul	97
69) Hexachlorobenzene	16.198	284	278028	19.711	ng/ul	98
70) Atrazine	16.381	200	253329	19.497	ng/ul	99
71) Pentachlorophenol	16.545	266	202277	21.531	ng/ul	94
72) Phenanthrene	16.933	178	1302728	19.741	ng/ul	100
74) Anthracene	17.028	178	1330560	19.746	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	311512	18.703	ng/uL	99
76) Pentachlorobenzene	14.463	250	320177	18.879	ng/uL	96
77) Carbazole	17.298	167	1273633	20.536	ng/ul	99
78) Di-n-butylphthalate	17.886	149	1501070	19.040	ng/ul	100
80) Fluoranthene	18.963	202	1595848	18.013	ng/ul	98
82) Pyrene	19.327	202	1746416	18.337	ng/ul	95
83) Butylbenzylphthalate	20.263	149	764255	17.893	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.045	252	552332	18.079	ng/ul	96
85) Benzo(a)anthracene	21.110	228	1885432	19.442	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.069	149	1164946	18.634	ng/ul	99
87) Chrysene	21.169	228	1779148	19.228	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2084396	17.399	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2093182	19.069	ng/ul	97
91) Benzo(k)fluoranthene	23.098	252	2064735	19.067	ng/ul	99
93) Benzo(a)pyrene	23.780	252	2022455	19.504	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.998	276	2521891	19.628	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1991941	19.180	ng/ul	97
96) Benzo(g,h,i)perylene	27.962	276	1886755	18.917	ng/ul	97

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

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