Quantitation Report (Qedit)

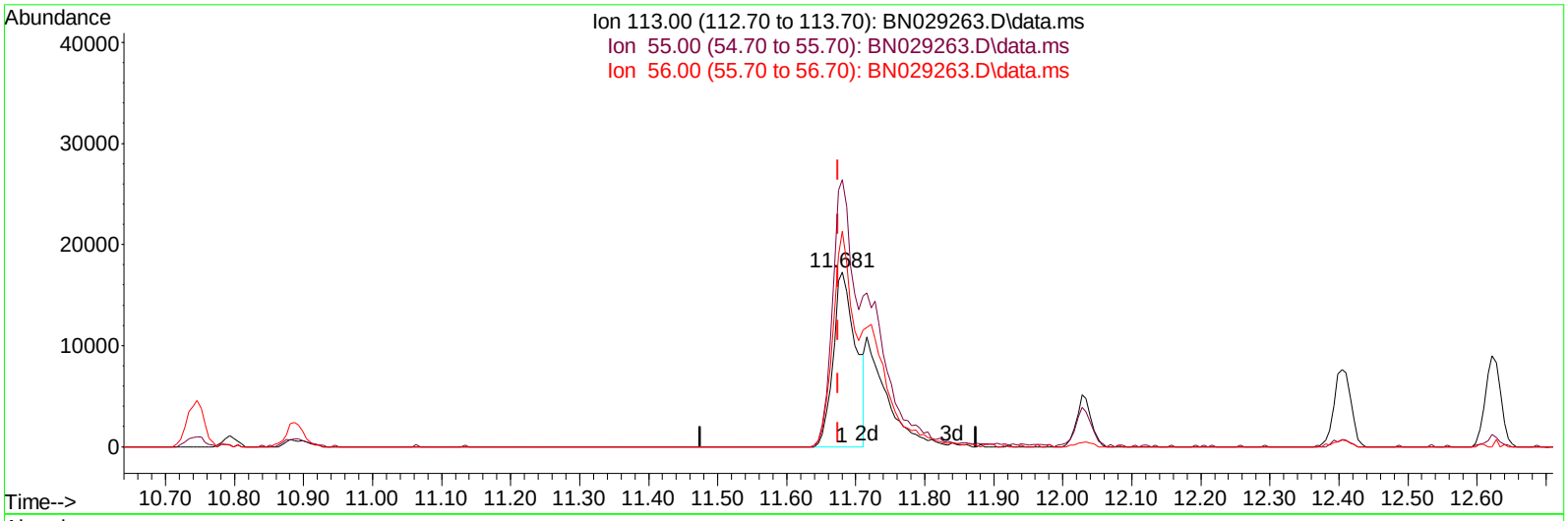
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
Data File : BN029263.D
Acq On : 17 Jan 2024 09:47
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

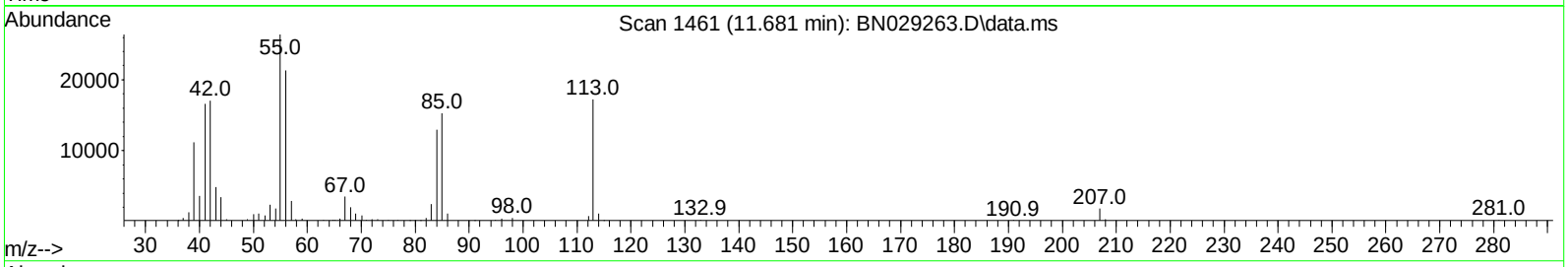
Quant Time: Jan 17 11:16:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

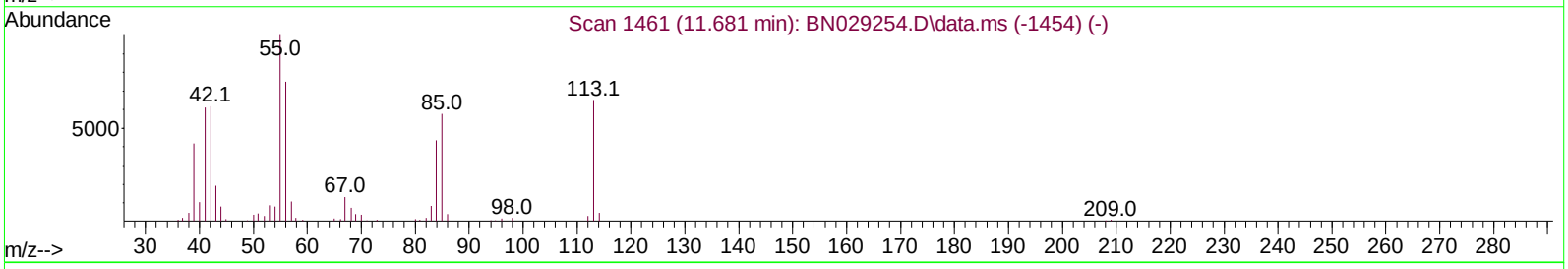
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :Sohil Jodhani 01/18/2024







TIC: BN029263.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 10.48 ng/ul

response 39151

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	153.06
56.00	120.60	123.70
0.00	0.00	0.00

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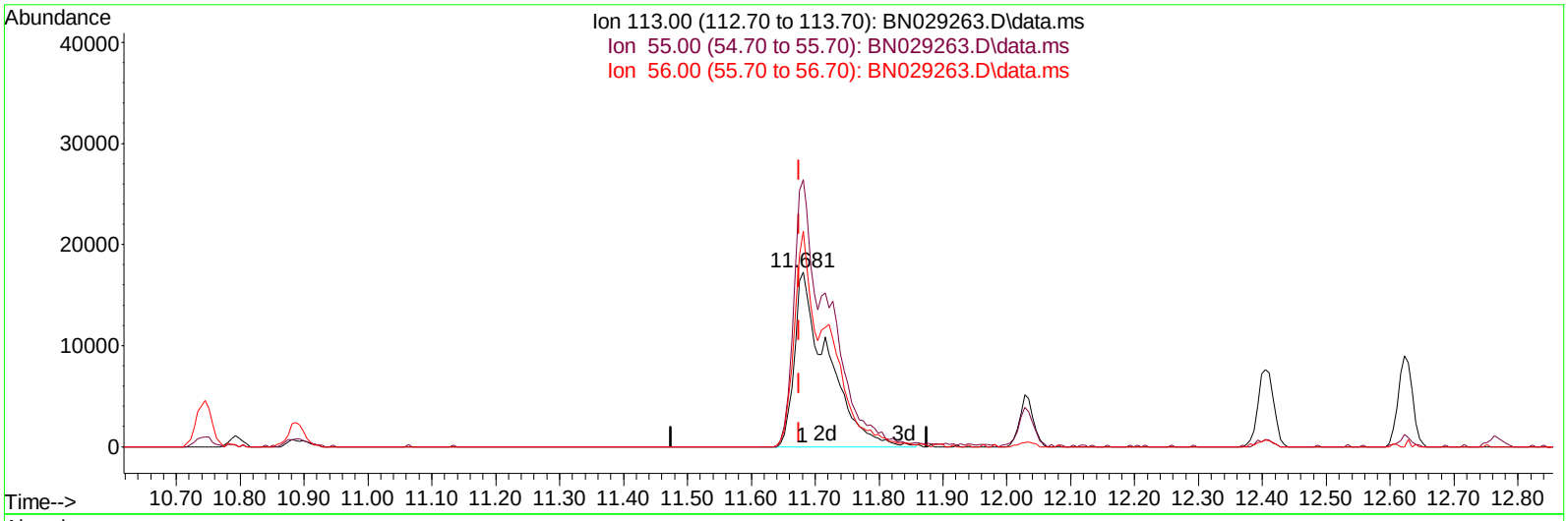

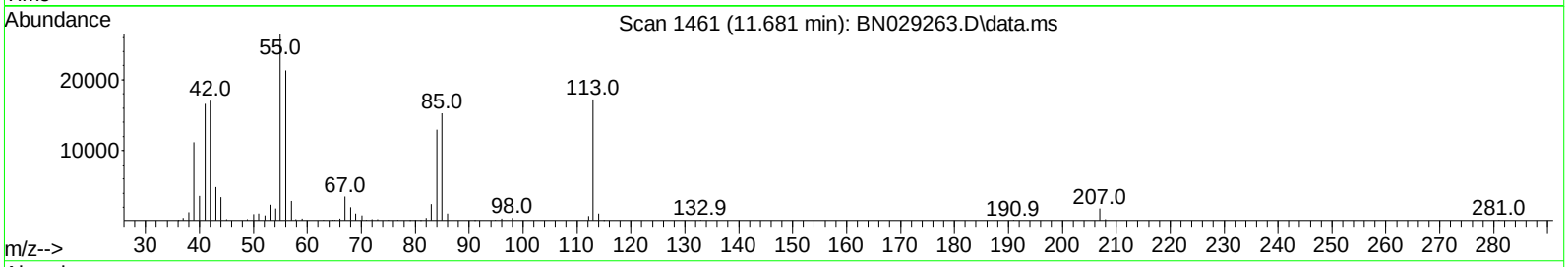

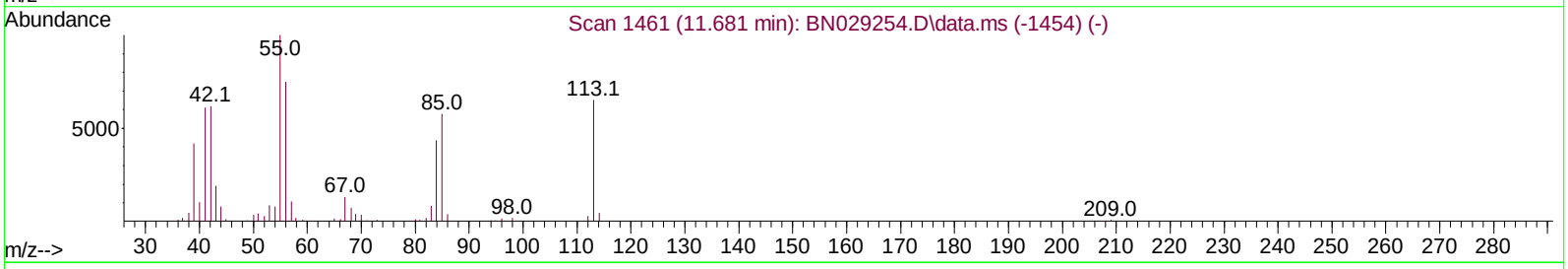

TIC: BN029263.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 16.83 ng/ul m

response 62902

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	153.06
56.00	120.60	123.70
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	130992	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	625977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	430256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1002315	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1018144	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	1185199	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	25240	7.958	ng/uL	0.00
4) Pyridine-d5	3.781	84	181842	18.587	ng/ul	0.00
7) Phenol-d5	7.105	99	225580	17.948	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	155769	19.650	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	176762	19.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	190685	18.818	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	88982	19.594	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	74346	19.741	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	180335	19.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	306950	18.091	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	670158	18.922	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	756324	18.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	107702	17.473	ng/ul	0.00
60) Fluorene-d10	15.575	176	581755	19.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	69503	16.489	ng/ul	0.00
73) Anthracene-d10	17.433	188	938558	18.627	ng/ul	0.00
81) Pyrene-d10	19.727	212	1140719	20.163	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	1160366	18.996	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	26494	8.234	ng/uL	99
5) Pyridine	3.799	79	190397	19.050	ng/ul	96
6) Benzaldehyde	7.087	77	143733	25.482	ng/ul	98
8) Phenol	7.128	94	236124	18.485	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	199753	19.267	ng/ul	98
12) 2-Chlorophenol	7.499	128	185580	20.052	ng/ul	100
13) 2-Methylphenol	8.381	108	179008	18.397	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	260734	19.666	ng/ul	99
16) Acetophenone	8.769	105	327526	19.076	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	179367	19.848	ng/ul	97
18) 4-Methylphenol	8.716	108	200030	19.103	ng/ul	97
19) Hexachloroethane	9.016	117	84818	20.187	ng/ul	94
22) Nitrobenzene	9.152	77	248106	19.761	ng/ul	99
23) Isophorone	9.675	82	493299	18.485	ng/ul	99
25) 2-Nitrophenol	9.863	139	89374	20.268	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	231668	19.650	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.169	93	290635	19.347	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	185891	20.163	ng/ul	99
30) Naphthalene	10.793	128	688246	19.282	ng/ul	99
32) 4-Chloroaniline	10.910	127	298915	18.111	ng/ul	99
33) Hexachlorobutadiene	11.069	225	123271	18.944	ng/ul	95
34) Caprolactam	11.681	113	62902m	16.834	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	221345	20.237	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.404	142	485709	19.459	ng/ul	99
37)	1-Methylnaphthalene	12.622	142	480560	19.403	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.769	216	252267	18.813	ng/ul	97
40)	Hexachlorocyclopentadiene	12.740	237	149617	16.665	ng/ul	96
41)	2,4,6-Trichlorophenol	13.016	196	143574	19.323	ng/ul	97
42)	2,4,5-Trichlorophenol	13.081	196	167168	20.040	ng/ul	96
43)	1,1'-Biphenyl	13.416	154	650903	18.773	ng/ul	99
44)	2-Chloronaphthalene	13.457	162	509685	18.817	ng/ul	97
45)	2-Nitroaniline	13.669	65	148792	20.725	ng/ul	98
47)	Dimethylphthalate	14.051	163	682286	18.918	ng/ul	100
48)	2,6-Dinitrotoluene	14.169	165	122071	20.935	ng/ul	97
50)	Acenaphthylene	14.304	152	875370	18.916	ng/ul	99
51)	3-Nitroaniline	14.492	138	126662	19.998	ng/ul#	94
52)	Acenaphthene	14.645	153	578400	19.042	ng/ul	98
53)	2,4-Dinitrophenol	14.698	184	42563	17.080	ng/ul	94
55)	4-Nitrophenol	14.798	109	107025	18.954	ng/ul	96
56)	Dibenzofuran	14.981	168	787971	19.180	ng/ul	99
57)	2,4-Dinitrotoluene	14.951	165	180851	21.179	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.204	232	139486	20.268	ng/ul	98
59)	Diethylphthalate	15.416	149	735172	19.541	ng/ul	99
61)	Fluorene	15.634	166	693023	19.479	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.634	204	341030	19.617	ng/ul	97
63)	4-Nitroaniline	15.657	138	130637	20.946	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.710	198	79152	16.307	ng/ul	93
67)	N-Nitrosodiphenylamine	15.845	169	576711	18.976	ng/ul	95
68)	4-Bromophenyl-phenylether	16.528	248	138583	12.370	ng/ul	98
69)	Hexachlorobenzene	16.622	284	247845	18.380	ng/ul#	91
70)	Atrazine	16.810	200	198935	17.240	ng/ul	96
71)	Pentachlorophenol	16.975	266	117276	16.097	ng/ul	95
72)	Phenanthrene	17.375	178	1108052	19.054	ng/ul	99
74)	Anthracene	17.469	178	1146204	18.981	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.375	216	252433	18.627	ng/uL	94
76)	Pentachlorobenzene	14.892	250	263935	18.815	ng/uL	96
77)	Carbazole	17.739	167	1018833	18.245	ng/ul	98
78)	Di-n-butylphthalate	18.322	149	1285980	18.884	ng/ul	99
80)	Fluoranthene	19.392	202	1344008	20.105	ng/ul	99
82)	Pyrene	19.757	202	1386509	19.527	ng/ul	99
83)	Butylbenzylphthalate	20.680	149	544413	19.609	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.457	252	424536	17.973	ng/ul	96
85)	Benzo(a)anthracene	21.522	228	1432288	19.090	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	890753	19.431	ng/ul	99
87)	Chrysene	21.574	228	1315600	18.959	ng/ul	98
89)	Di-n-octyl phthalate	22.421	149	1427617	17.087	ng/ul	100
90)	Benzo(b)fluoranthene	23.216	252	1415976	18.840	ng/ul	99
91)	Benzo(k)fluoranthene	23.268	252	1489275	19.885	ng/ul	98
93)	Benzo(a)pyrene	23.845	252	1363747	19.137	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.457	276	1669200	18.507	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.486	278	1429877	19.010	ng/ul	99
96)	Benzo(g,h,i)perylene	27.215	276	1333759	18.518	ng/ul	97

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

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