Quantitation Report (Qedit)

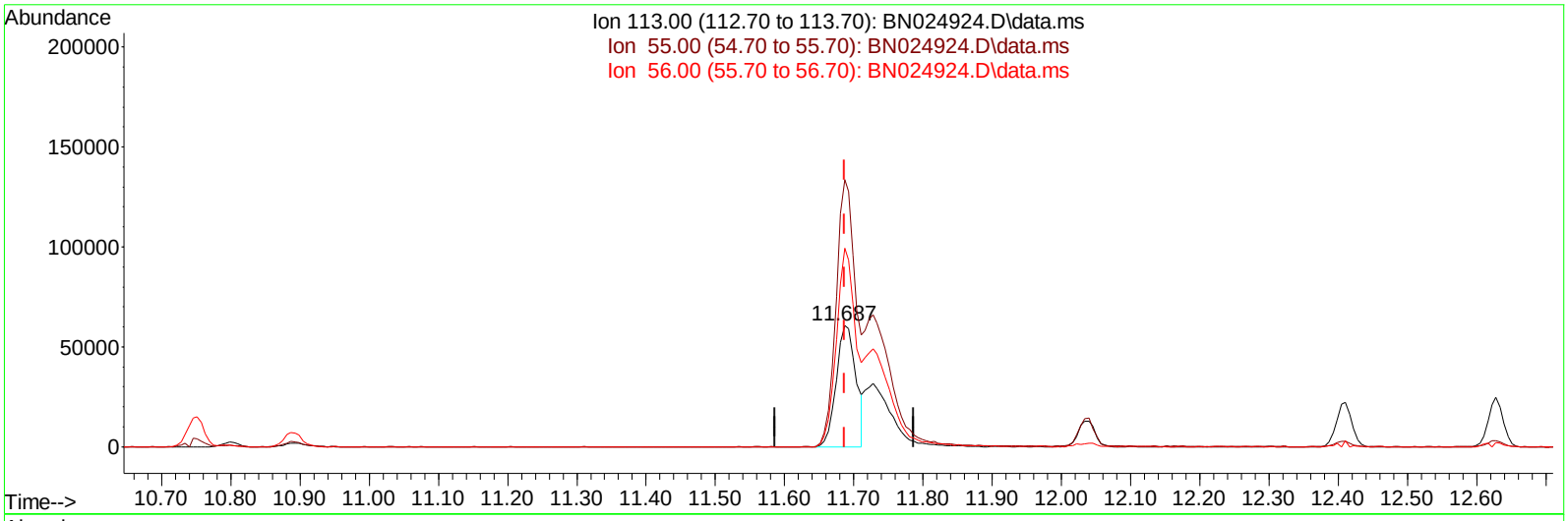
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024924.D
Acq On : 15 Apr 2023 08:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 72 Sample Multiplier: 1

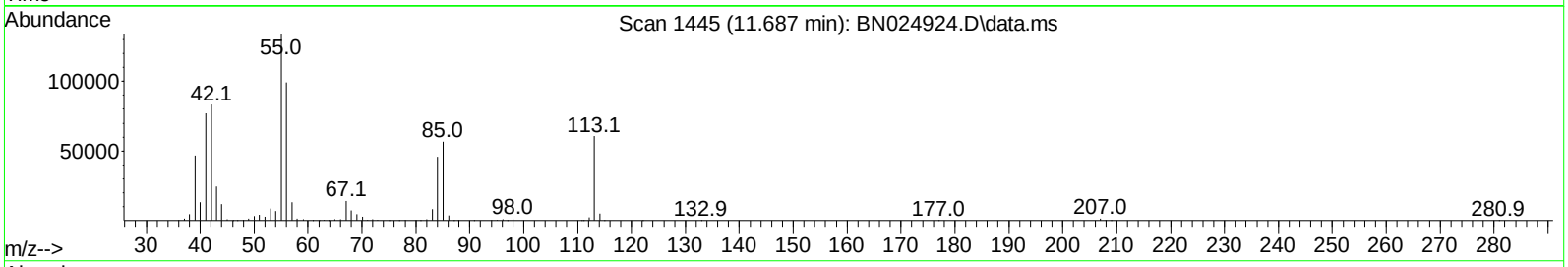
Quant Time: Apr 17 03:00:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 02:58:51 2023
Response via : Initial Calibration

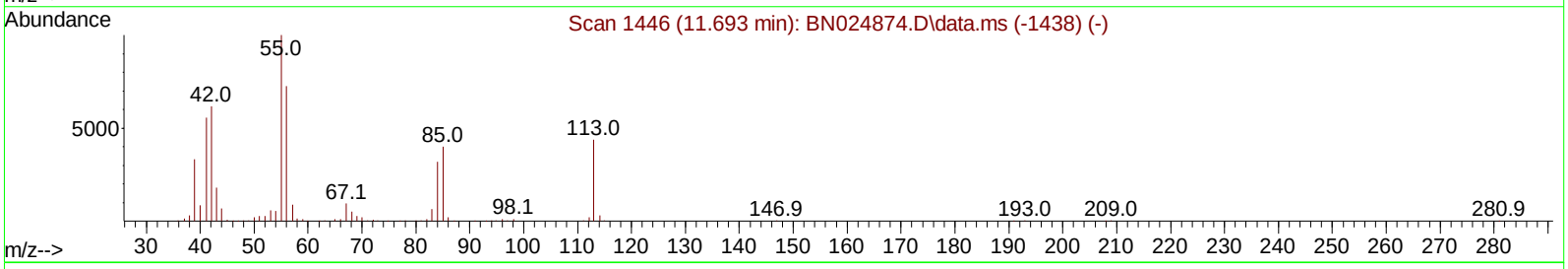
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023







TIC: BN024924.D\data.ms

(34) Caprolactam

11.687min (0.000) 12.63 ng/ul

response 118948

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	220.21
56.00	166.90	163.61
0.00	0.00	0.00

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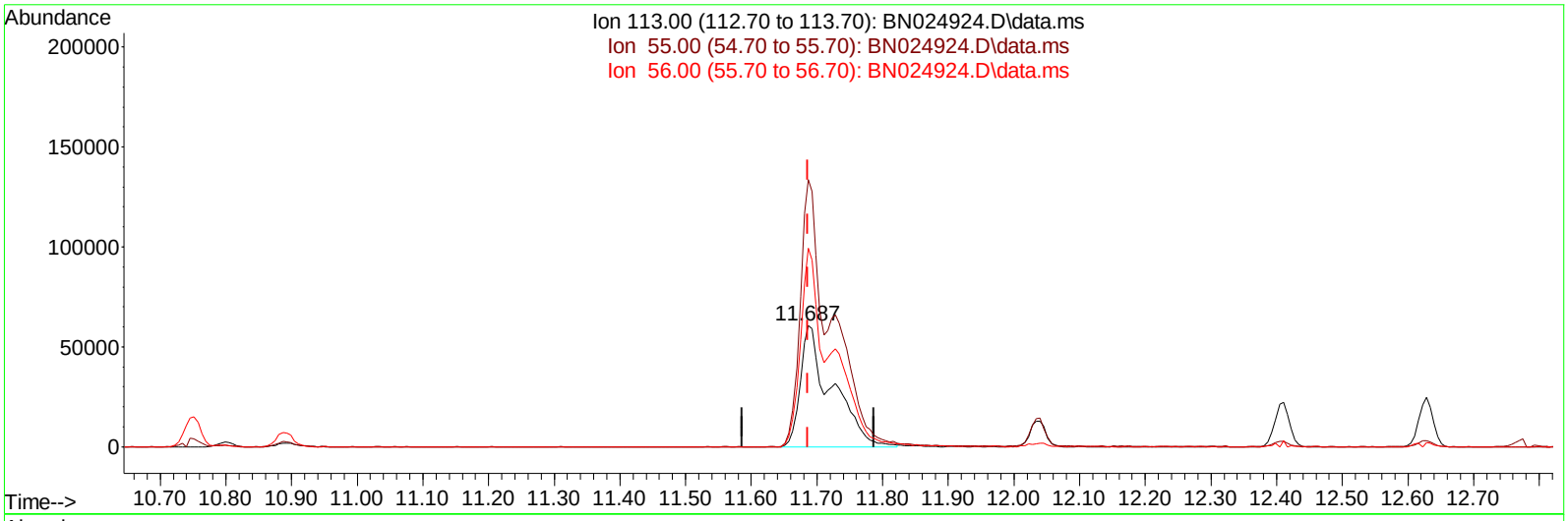

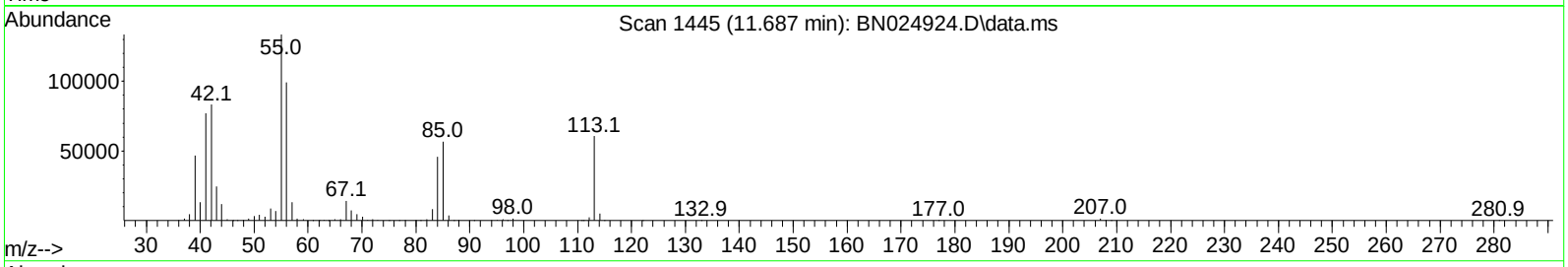

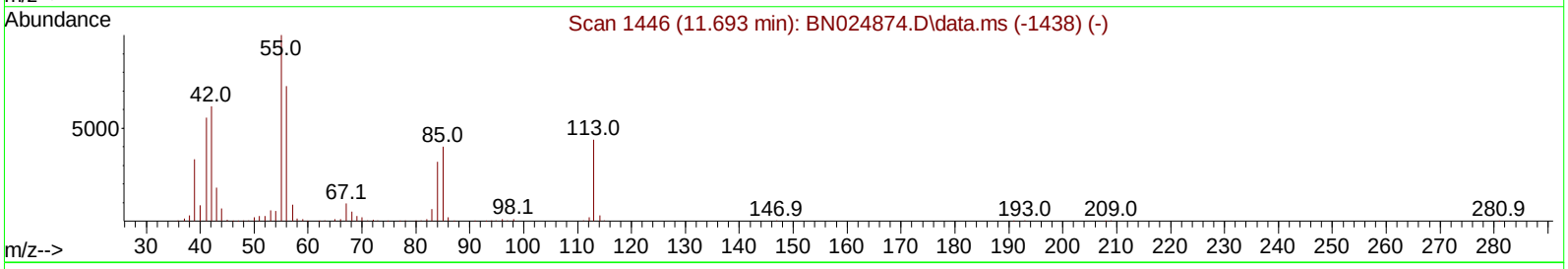

TIC: BN024924.D\data.ms

(34) Caprolactam

11.687min (0.000) 21.50 ng/ul m

response 202434

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	220.21
56.00	166.90	163.61
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	7.934	152	399366	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	1707583	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	1062929	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	2365471	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	2181882	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	2287784	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	92723	8.836	ng/uL	0.00
4) Pyridine-d5	3.734	84	667690	21.250	ng/ul	0.00
7) Phenol-d5	7.099	99	782501	20.097	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	526592	20.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	604731	21.134	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	629142	20.354	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	302875	21.906	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	333938	22.299	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	596710	22.292	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	878215	21.619	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	1816105	22.040	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	2118931	22.440	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	370202	21.917	ng/ul	0.00
60) Fluorene-d10	15.575	176	1515038	21.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	332104	21.573	ng/ul	0.00
73) Anthracene-d10	17.428	188	2355643	21.203	ng/ul	0.00
81) Pyrene-d10	19.722	212	2755804	21.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	2556342	21.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	101190	8.936	ng/uL	95
5) Pyridine	3.752	79	691029	21.287	ng/ul	97
6) Benzaldehyde	7.069	77	456869	24.016	ng/ul	96
8) Phenol	7.122	94	826467	20.382	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.358	93	649190	20.393	ng/ul	99
12) 2-Chlorophenol	7.493	128	623840	20.875	ng/ul	98
13) 2-Methylphenol	8.381	108	601506	20.204	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1243796	19.898	ng/ul	100
16) Acetophenone	8.763	105	998669	20.433	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.752	70	541721	20.549	ng/ul	98
18) 4-Methylphenol	8.716	108	672566	20.315	ng/ul	97
19) Hexachloroethane	9.022	117	257642	21.361	ng/ul	96
22) Nitrobenzene	9.152	77	806561	21.710	ng/ul	99
23) Isophorone	9.675	82	1488792	21.831	ng/ul	99
25) 2-Nitrophenol	9.863	139	361988	22.408	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	745057	21.905	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.157	93	898668	21.175	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	588753	21.916	ng/ul	99
30) Naphthalene	10.799	128	2046793	21.462	ng/ul	99
32) 4-Chloroaniline	10.916	127	886806	21.565	ng/ul	99
33) Hexachlorobutadiene	11.081	225	336874	21.514	ng/ul	95
34) Caprolactam	11.687	113	202434m	21.499	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	705698	22.404	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	1369924	21.735	ng/ul	97
37) 1-Methylnaphthalene	12.628	142	1381113	21.951	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	684029	22.062	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	417424	22.079	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	462559	21.835	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	516237	22.268	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1842573	21.757	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1417729	21.559	ng/ul	100
45) 2-Nitroaniline	13.669	65	517607	22.541	ng/ul	98
47) Dimethylphthalate	14.040	163	1807467	21.801	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	375173	23.183	ng/ul	99
50) Acenaphthylene	14.304	152	2297032	22.148	ng/ul	99
51) 3-Nitroaniline	14.493	138	400628	23.558	ng/ul	100
52) Acenaphthene	14.645	153	1568561	21.877	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	222944	21.427	ng/ul	98
55) 4-Nitrophenol	14.798	109	302860	22.030	ng/ul	97
56) Dibenzofuran	14.981	168	2138113	21.634	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	557456	23.797	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.210	232	438150	22.953	ng/ul	93
59) Diethylphthalate	15.404	149	1854750	22.263	ng/ul	98
61) Fluorene	15.628	166	1755615	22.086	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.622	204	827861	22.375	ng/ul	97
63) 4-Nitroaniline	15.657	138	404733	24.150	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.710	198	330631	21.925	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	1517629	21.147	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	520185	21.878	ng/ul	94
69) Hexachlorobenzene	16.634	284	578472	21.489	ng/ul	98
70) Atrazine	16.792	200	532432	21.804	ng/ul	99
71) Pentachlorophenol	16.981	266	370240	22.127	ng/ul	98
72) Phenanthrene	17.375	178	2814234	21.082	ng/ul	98
74) Anthracene	17.463	178	2891582	21.497	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	701138	20.839	ng/uL	98
76) Pentachlorobenzene	14.898	250	691097	21.469	ng/uL	96
77) Carbazole	17.734	167	2666107	21.952	ng/ul	99
78) Di-n-butylphthalate	18.292	149	3188689	22.119	ng/ul	100
80) Fluoranthene	19.386	202	3289609	21.664	ng/ul	99
82) Pyrene	19.751	202	3429681	21.458	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1491374	22.475	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	1092012	21.814	ng/ul	99
85) Benzo(a)anthracene	21.510	228	3402802	21.715	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.427	149	2241831	22.631	ng/ul	100
87) Chrysene	21.563	228	3275468	21.945	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	3862991	24.570	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3358451	22.385	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	3163756	21.430	ng/ul	100
93) Benzo(a)pyrene	23.874	252	2844353	21.654	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.539	276	3310379	20.800	ng/ul	99
95) Dibenzo(a,h)anthracene	26.557	278	2671516	20.332	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	2572836	19.922	ng/ul	98

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

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