Quantitation Report (Qedit)

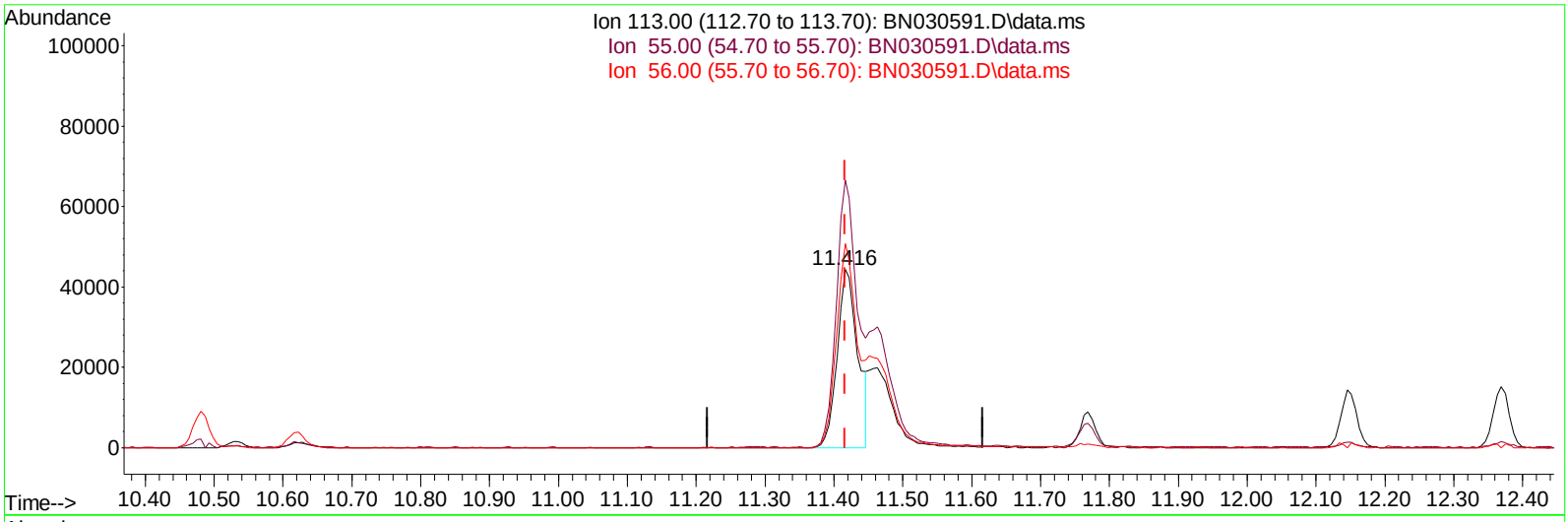
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
Data File : BN030591.D
Acq On : 01 Apr 2024 16:21
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

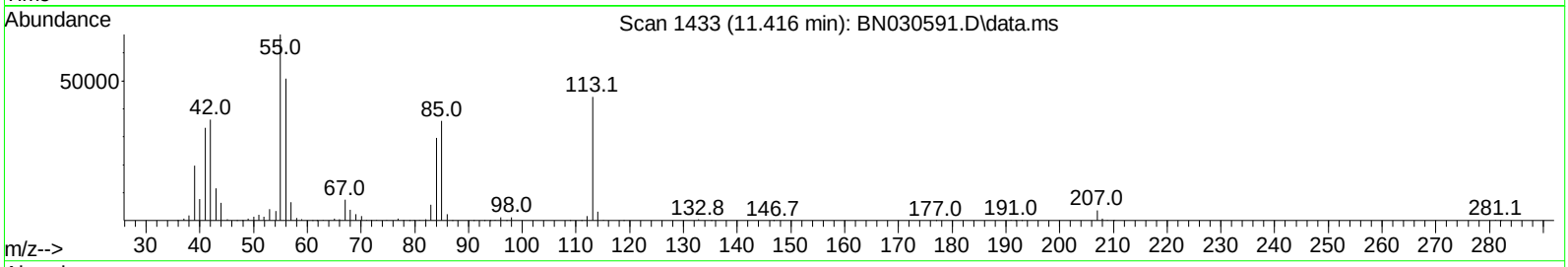
Quant Time: Apr 01 16:50:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

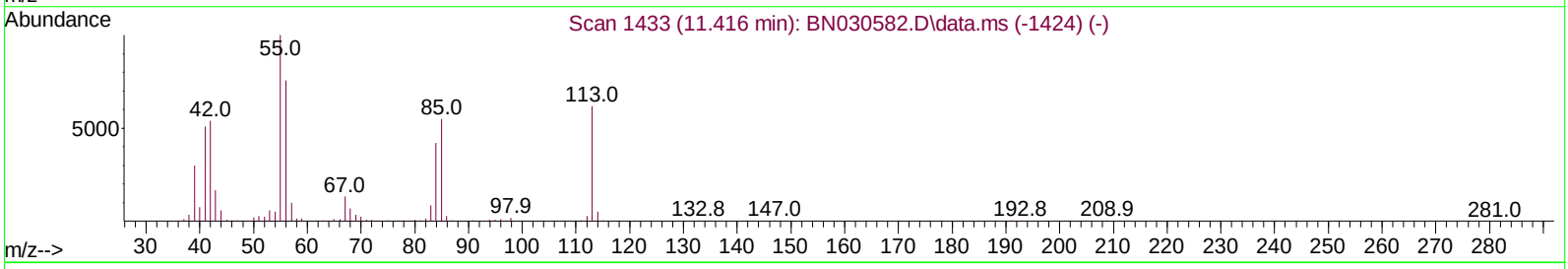
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BN030591.D\data.ms

(34) Caprolactam

11.416min (-0.000) 12.59 ng/ul

response 91214

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	150.22
56.00	113.20	114.63
0.00	0.00	0.00

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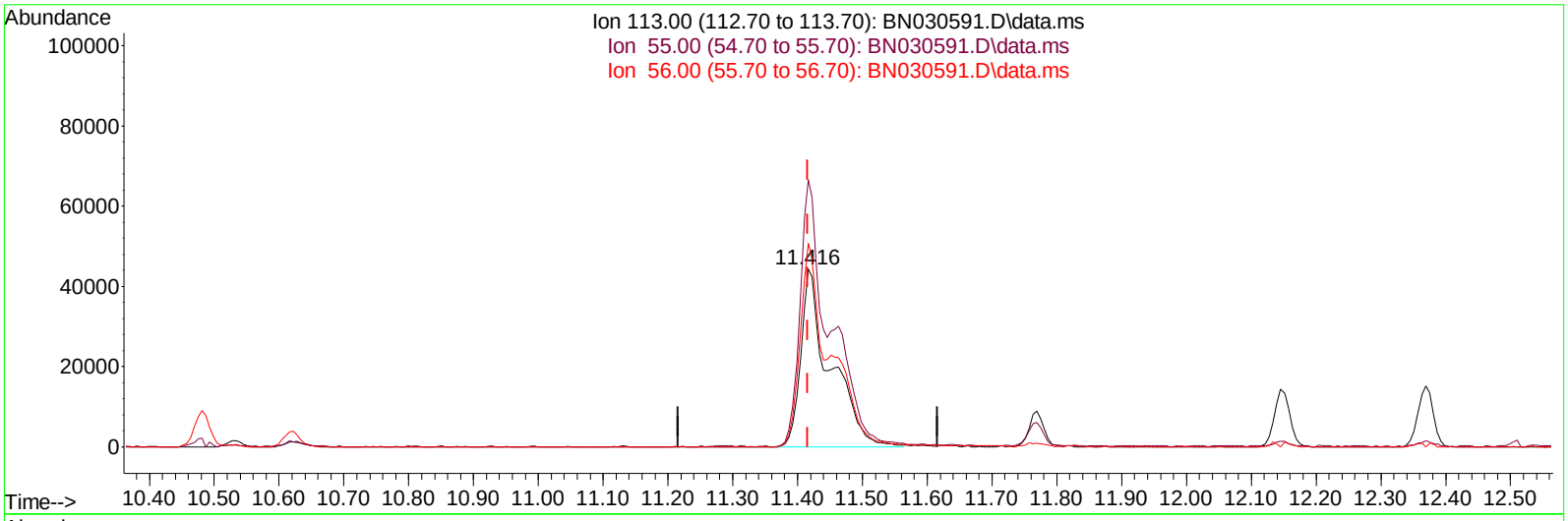

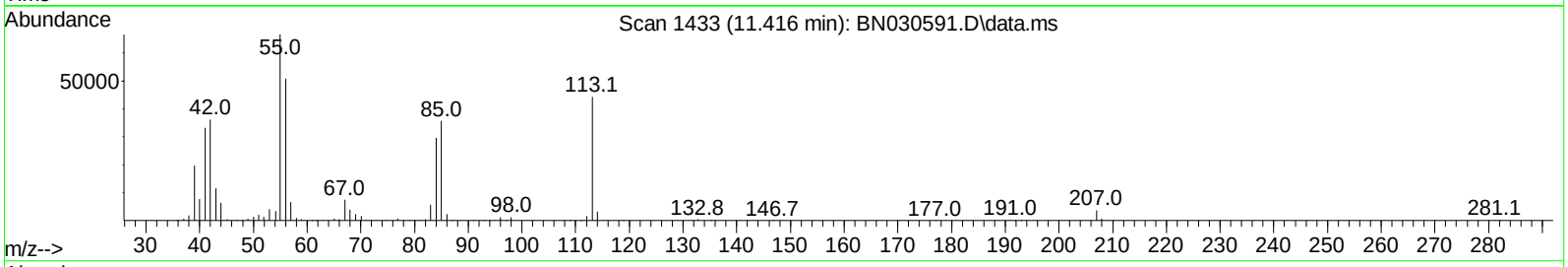

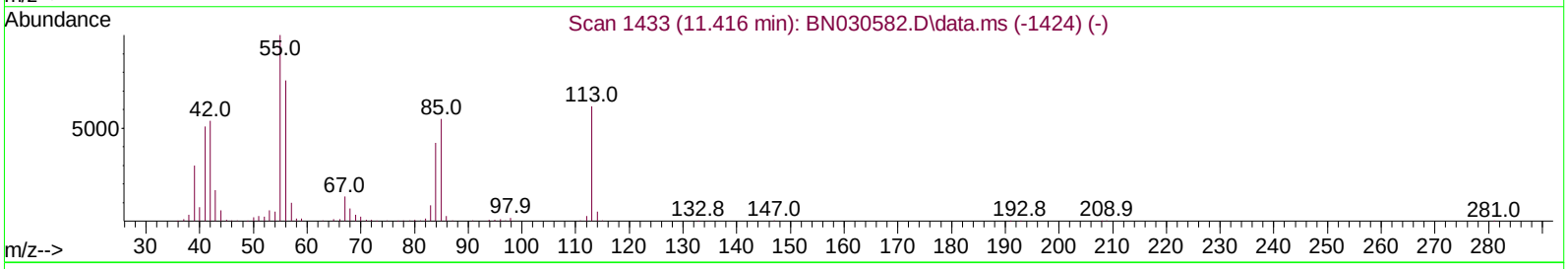

TIC: BN030591.D\data.ms

(34) Caprolactam

11.416min (-0.000) 19.32 ng/ul m

response 140015

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	150.22
56.00	113.20	114.63
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 16:51:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

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	7.699	152	307707	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	1367919	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	878005	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	1827916	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1678558	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1621683	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	57444	8.753	ng/uL	0.00
4) Pyridine-d5	3.605	84	406186	20.642	ng/ul	0.00
7) Phenol-d5	6.863	99	507081	20.371	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	305221	19.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	407439	21.577	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	412140	19.756	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	209139	22.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	211647	24.381	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	410274	21.588	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	624221	19.951	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1227061	20.932	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1465769	21.747	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	238272	21.250	ng/ul	0.00
60) Fluorene-d10	15.334	176	1069251	20.844	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	166143	20.592	ng/ul	0.00
73) Anthracene-d10	17.186	188	1685180	21.397	ng/ul	0.00
81) Pyrene-d10	19.486	212	1913064	21.198	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.063	264	1668346	22.327	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	60574	8.616	ng/uL	97
5) Pyridine	3.622	79	414026	20.852	ng/ul	99
6) Benzaldehyde	6.846	77	287870	24.834	ng/ul	96
8) Phenol	6.893	94	524900	20.242	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	429980	20.334	ng/ul	99
12) 2-Chlorophenol	7.258	128	432467	21.349	ng/ul	98
13) 2-Methylphenol	8.134	108	402955	20.166	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	581766	19.538	ng/ul	99
16) Acetophenone	8.516	105	656693	19.937	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.505	70	327765	19.757	ng/ul	97
18) 4-Methylphenol	8.463	108	434320	19.416	ng/ul	98
19) Hexachloroethane	8.769	117	180170	21.215	ng/ul	96
22) Nitrobenzene	8.893	77	488059	21.069	ng/ul	99
23) Isophorone	9.422	82	945342	20.463	ng/ul	99
25) 2-Nitrophenol	9.599	139	236487	23.180	ng/ul	98
26) 2,4-Dimethylphenol	9.663	107	468704	20.670	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.904	93	593676	20.212	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	404770	20.867	ng/ul	99
30) Naphthalene	10.534	128	1445825	20.608	ng/ul	100
32) 4-Chloroaniline	10.646	127	602108	19.969	ng/ul	97
33) Hexachlorobutadiene	10.810	225	256599	21.016	ng/ul	98
34) Caprolactam	11.416	113	140015m	19.321	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	438977	20.092	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	990446	20.215	ng/ul	98
37) 1-Methylnaphthalene	12.369	142	982542	19.755	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.516	216	497332	21.949	ng/ul	94
40) Hexachlorocyclopentadiene	12.493	237	282652	21.966	ng/ul	98
41) 2,4,6-Trichlorophenol	12.757	196	325126	22.962	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	355670	22.243	ng/ul	95
43) 1,1'-Biphenyl	13.169	154	1278575	21.365	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	1012985	21.502	ng/ul	99
45) 2-Nitroaniline	13.416	65	279973	22.331	ng/ul	97
47) Dimethylphthalate	13.804	163	1266113	20.909	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	252918	22.527	ng/ul	98
50) Acenaphthylene	14.063	152	1680125	21.574	ng/ul	99
51) 3-Nitroaniline	14.251	138	279425	23.448	ng/ul	97
52) Acenaphthene	14.404	153	1100294	21.202	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	99792	19.352	ng/ul	92
55) 4-Nitrophenol	14.557	109	184588	20.778	ng/ul	98
56) Dibenzofuran	14.740	168	1508439	20.910	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	368437	22.477	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.963	232	302943	22.811	ng/ul	100
59) Diethylphthalate	15.175	149	1283636	20.866	ng/ul	100
61) Fluorene	15.392	166	1219564	21.269	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	584352	20.772	ng/ul	98
63) 4-Nitroaniline	15.416	138	281852	24.328	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	183797	21.201	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	1052294	21.139	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	374995	21.604	ng/ul	97
69) Hexachlorobenzene	16.386	284	436116	21.338	ng/ul	99
70) Atrazine	16.563	200	376262	21.807	ng/ul	97
71) Pentachlorophenol	16.734	266	262391	21.774	ng/ul	96
72) Phenanthrene	17.128	178	1968821	20.964	ng/ul	98
74) Anthracene	17.222	178	2049848	21.591	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	509954	22.708	ng/uL	98
76) Pentachlorobenzene	14.651	250	484798	21.254	ng/uL	89
77) Carbazole	17.492	167	1853624	22.264	ng/ul	99
78) Di-n-butylphthalate	18.063	149	2257445	22.226	ng/ul	99
80) Fluoranthene	19.151	202	2319346	21.620	ng/ul	100
82) Pyrene	19.516	202	2375873	20.970	ng/ul	98
83) Butylbenzylphthalate	20.427	149	1026930	23.734	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	680987	22.079	ng/ul	99
85) Benzo(a)anthracene	21.304	228	2400360	21.427	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	1495484	23.437	ng/ul	97
87) Chrysene	21.369	228	2224572	21.039	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	2520124	24.539	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2119139	22.204	ng/ul	97
91) Benzo(k)fluoranthene	23.398	252	2127009	21.945	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1945171	21.576	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.574	276	1937635	19.882	ng/ul	97
95) Dibenzo(a,h)anthracene	27.639	278	1661680	20.254	ng/ul	98
96) Benzo(g,h,i)perylene	28.598	276	1540542	20.135	ng/ul	98

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

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