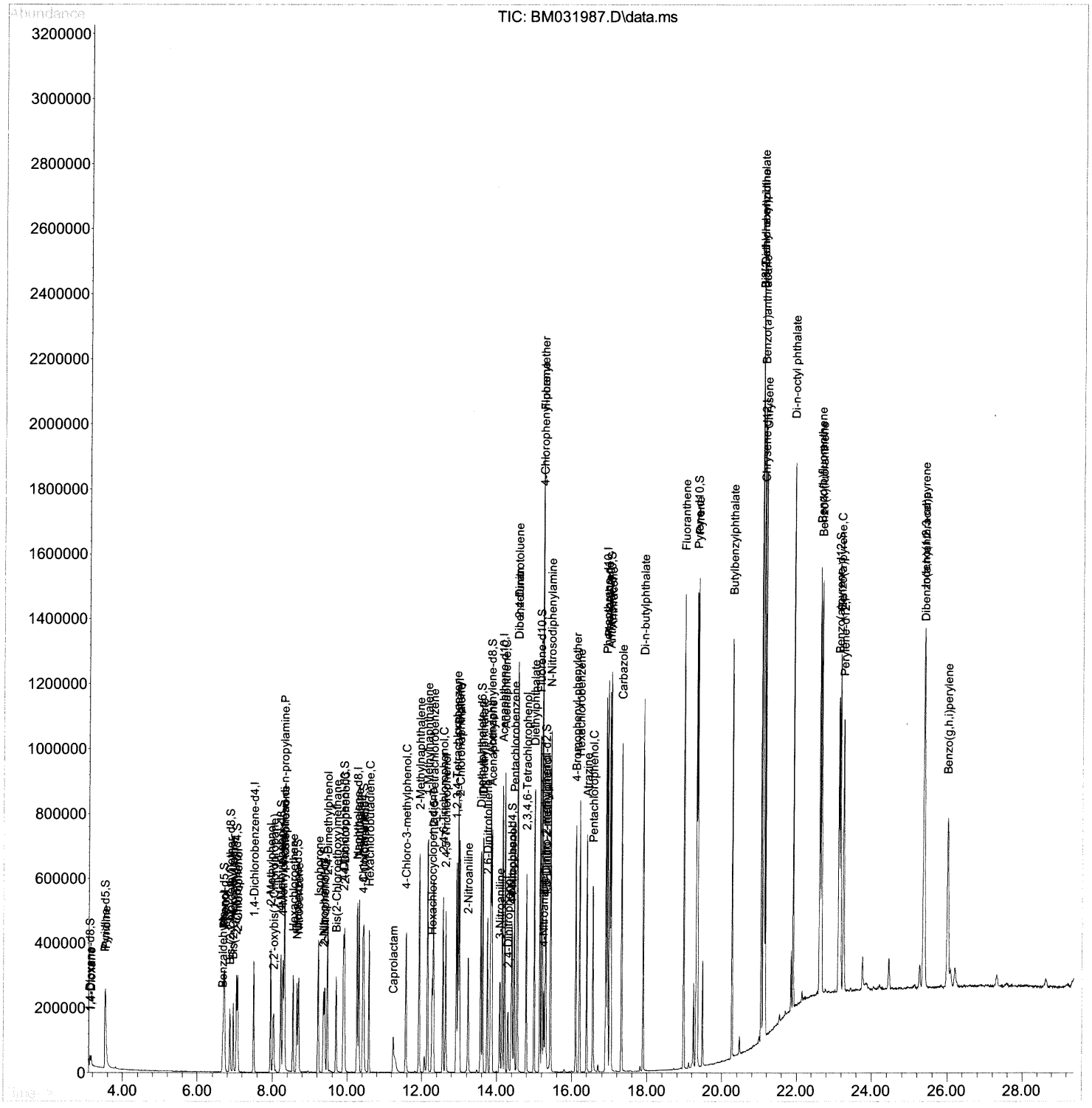
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM



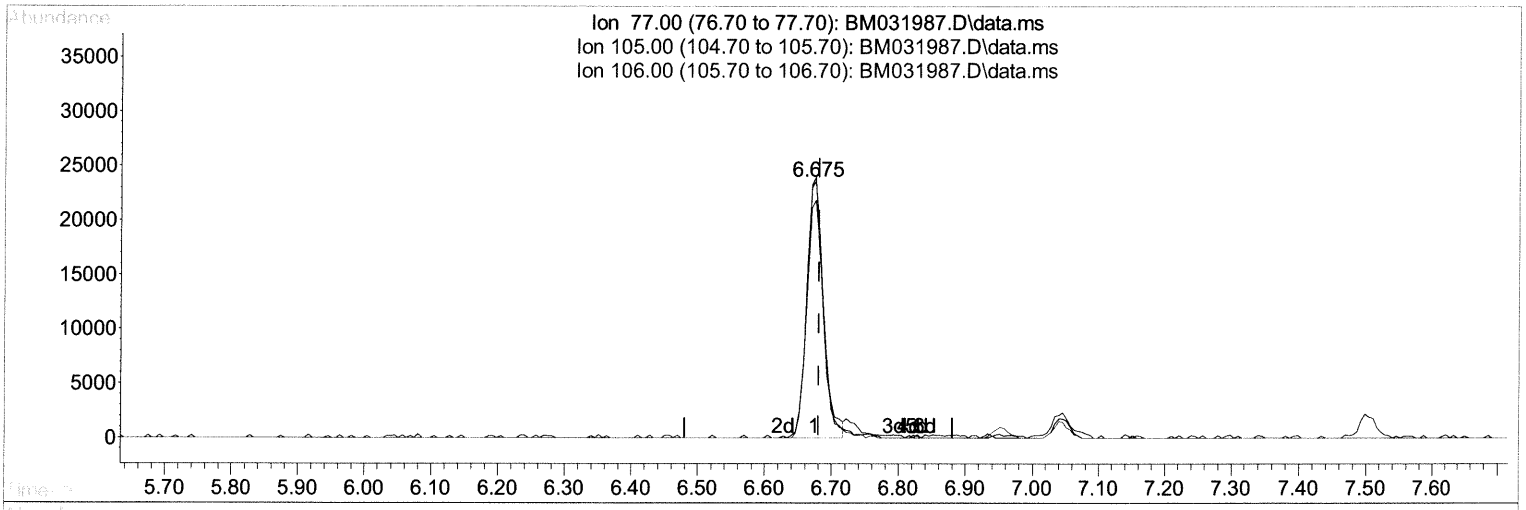
Quantitation Report (Qedit)

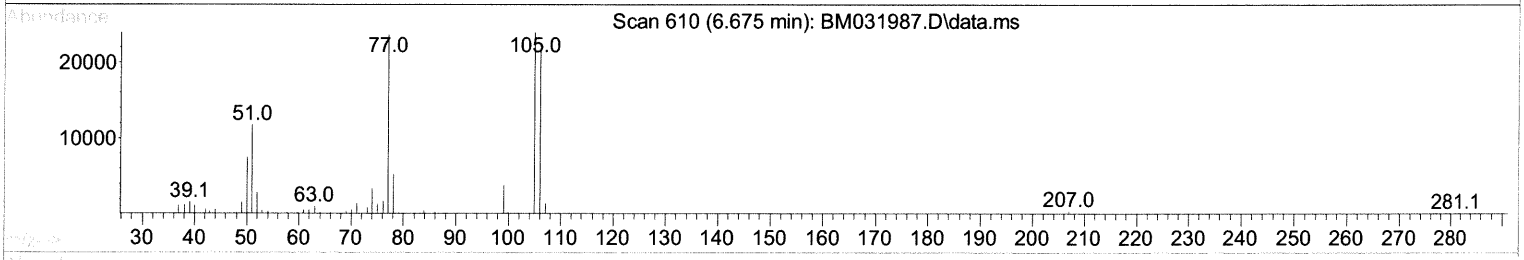
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

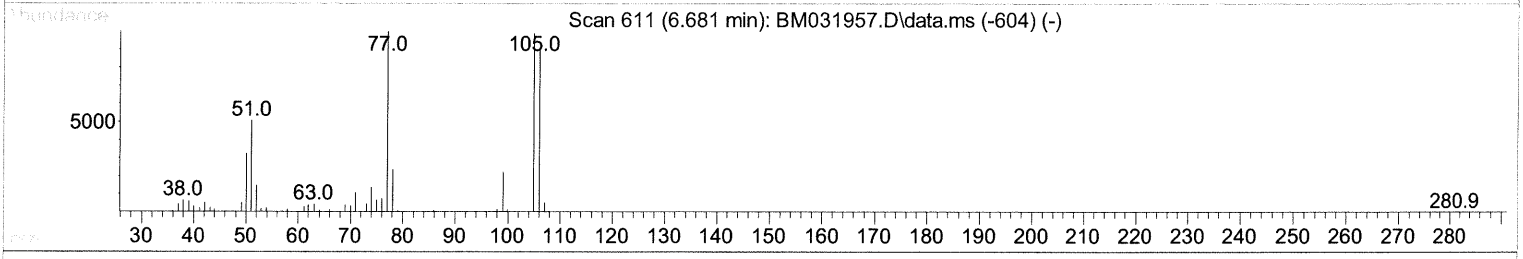
Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM







TIC: BM031987.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 12.16 ng/ul

response 41829

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	101.49
106.00	93.70	92.50
0.00	0.00	0.00

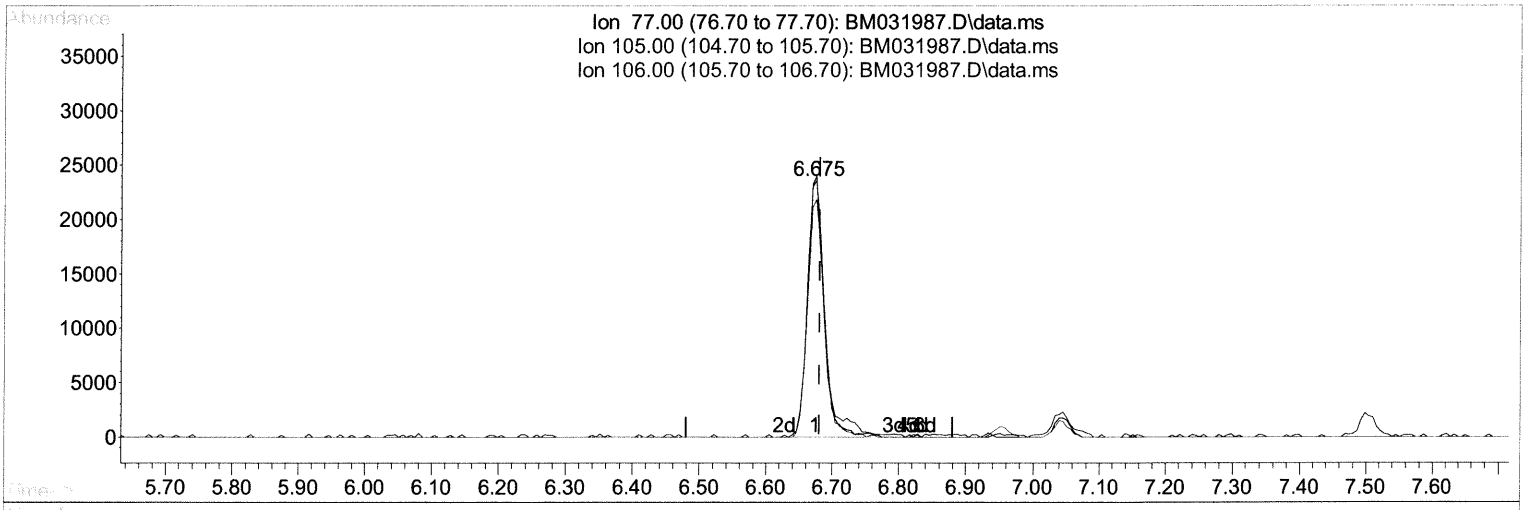
Quantitation Report (Qedit)

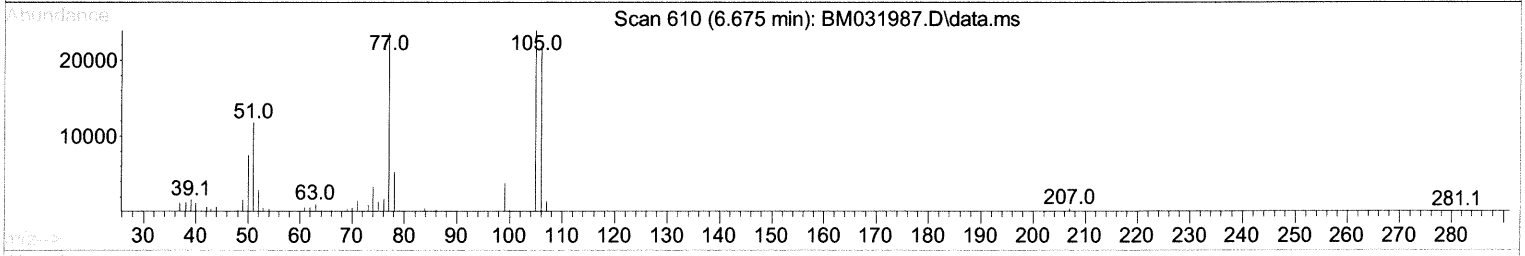
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

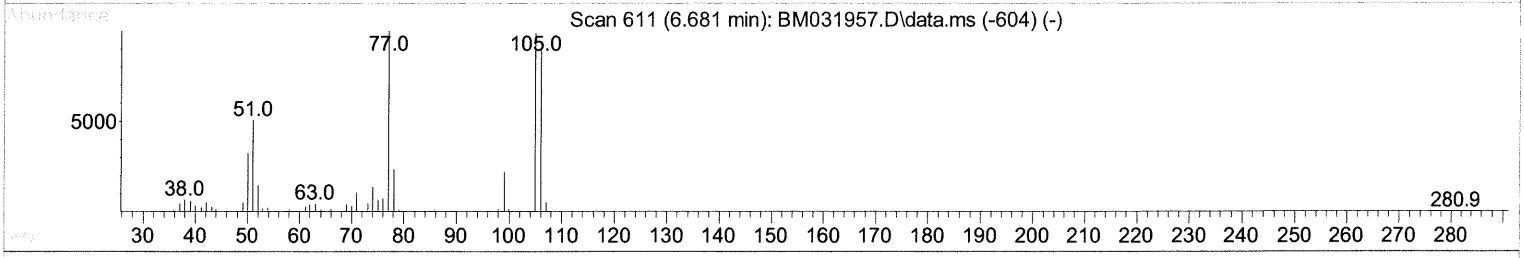
Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM







TIC: BM031987.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 12.83 ng/ul m 09/03/21 JU

response 44154

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	101.49
106.00	93.70	92.50
0.00	0.00	0.00

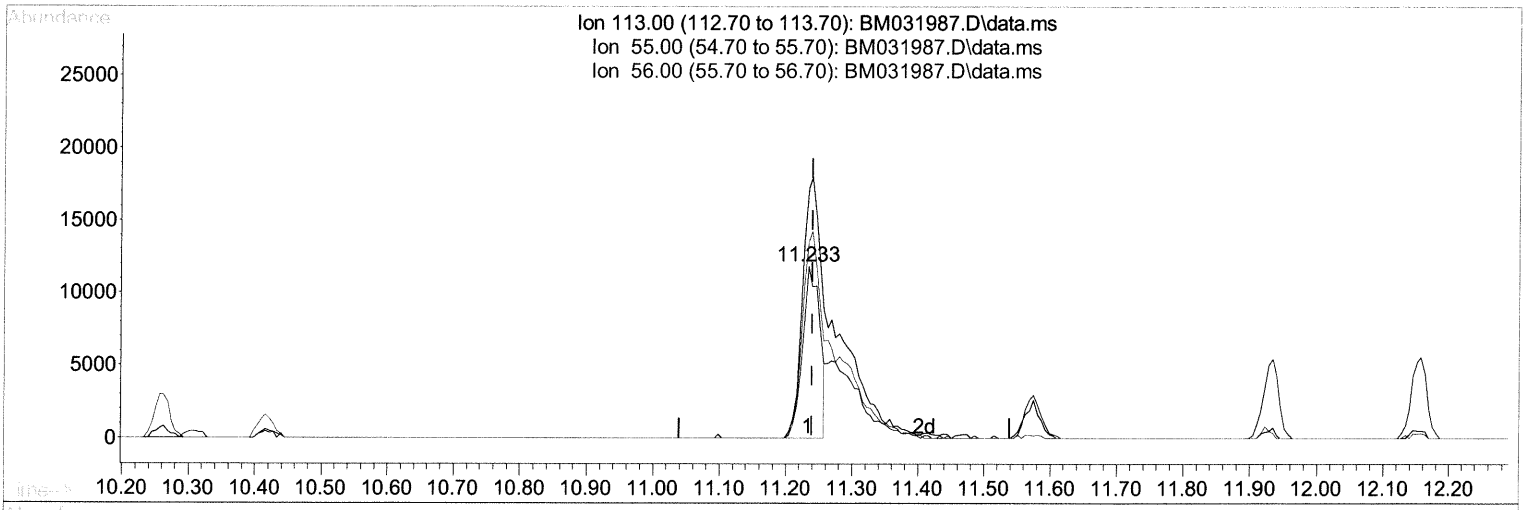
Quantitation Report (Qedit)

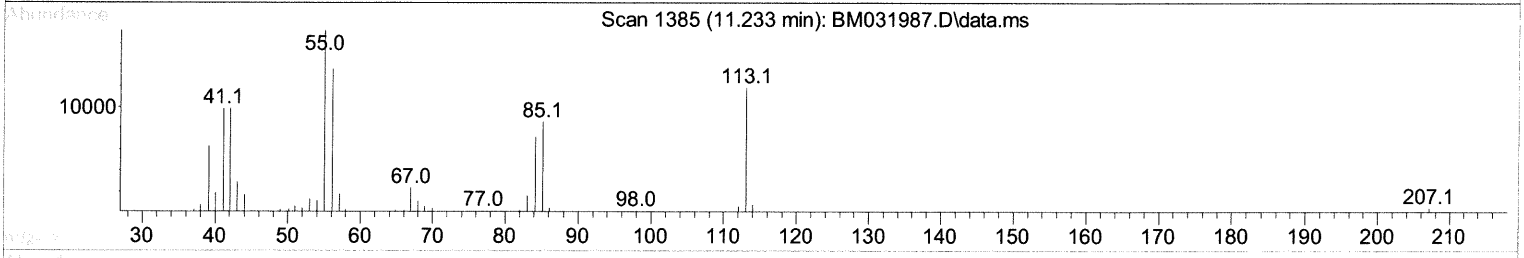
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

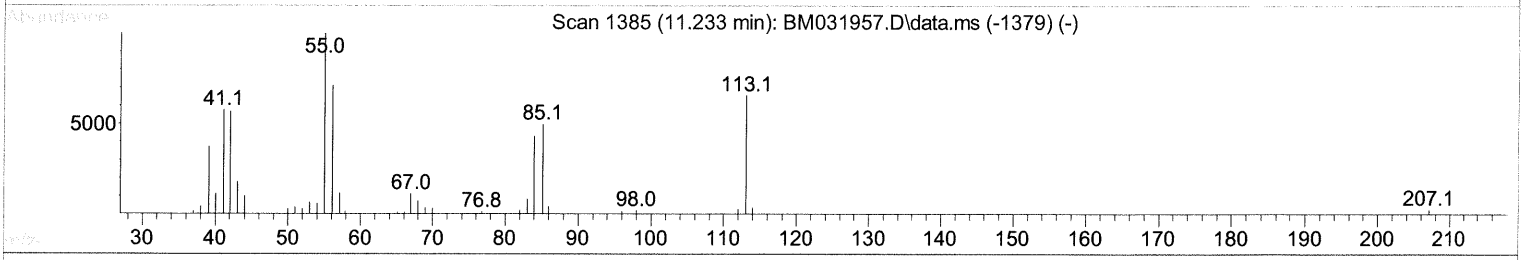
Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM







TIC: BM031987.D\data.ms

(34) Caprolactam

11.233min (-0.006) 9.83 ng/ul

response 21618

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	145.21#
56.00	127.40	114.26
0.00	0.00	0.00

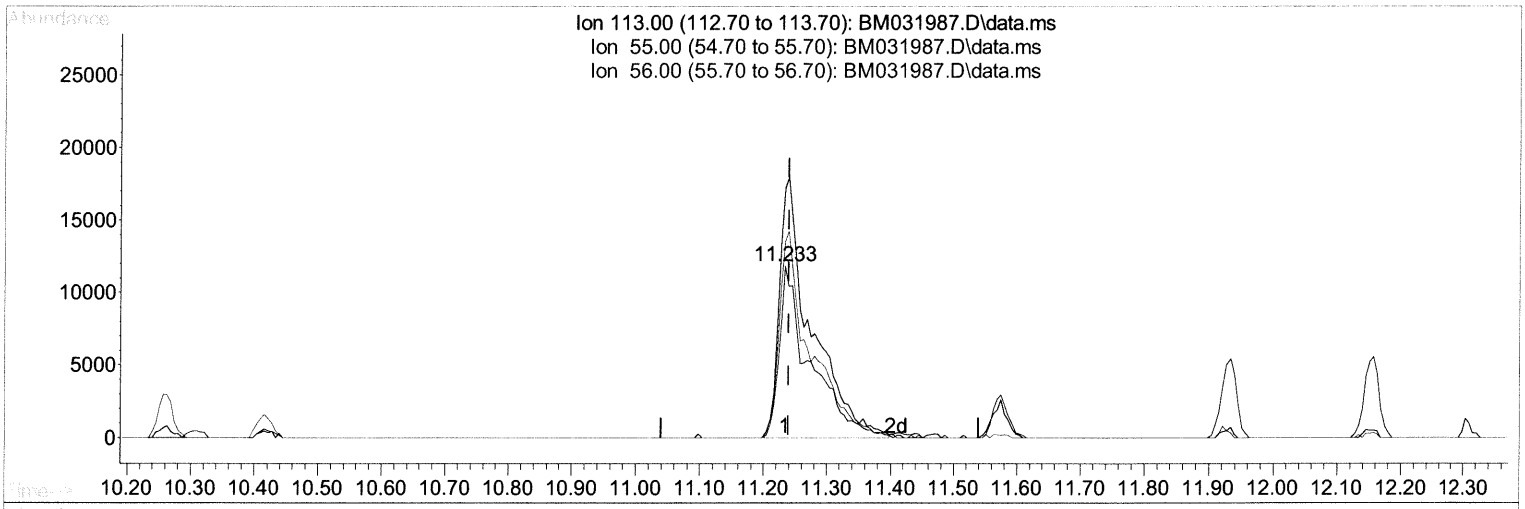
Quantitation Report (Qedit)

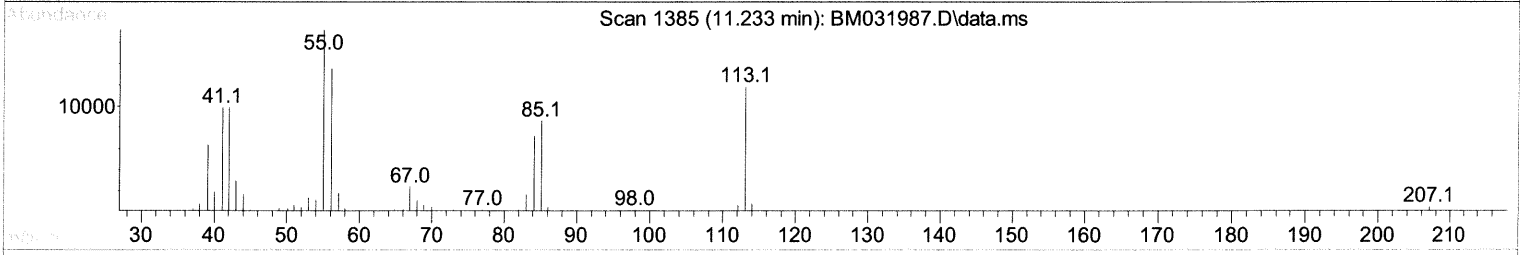
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

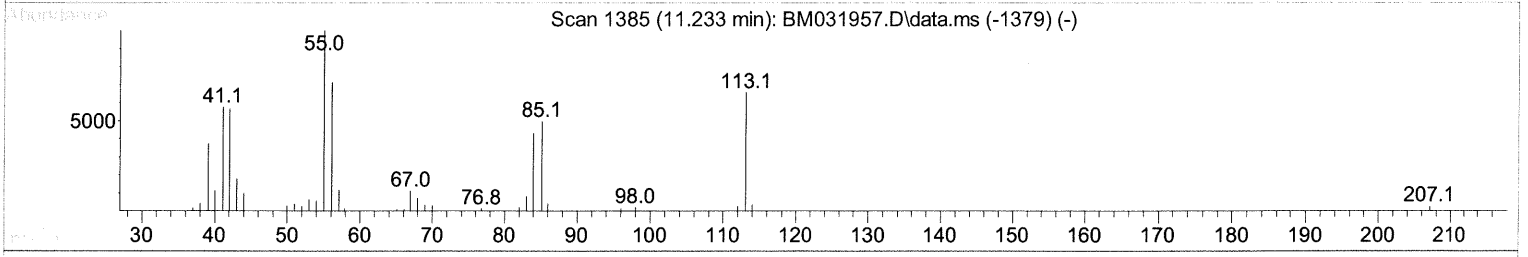
Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM







TIC: BM031987.D\data.ms

(34) Caprolactam

11.233min (-0.006) 18.28 ng/ul m 09/03/21 JU

response 40205

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	145.21#
56.00	127.40	114.26
0.00	0.00	0.00

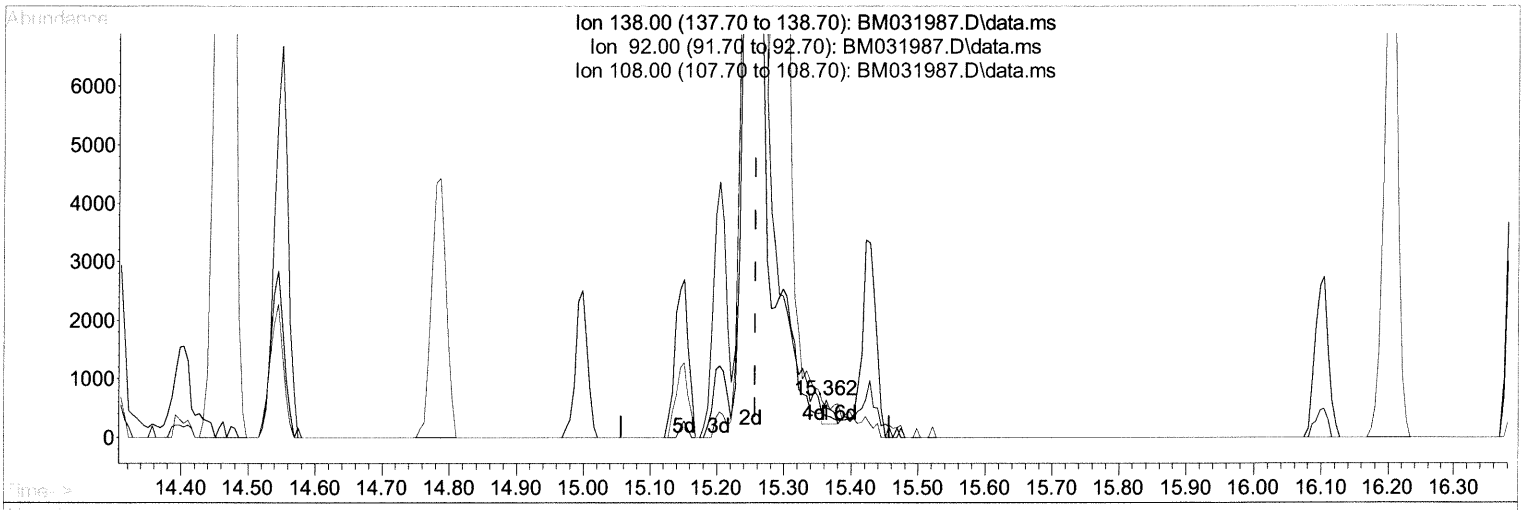
Quantitation Report (Qedit)

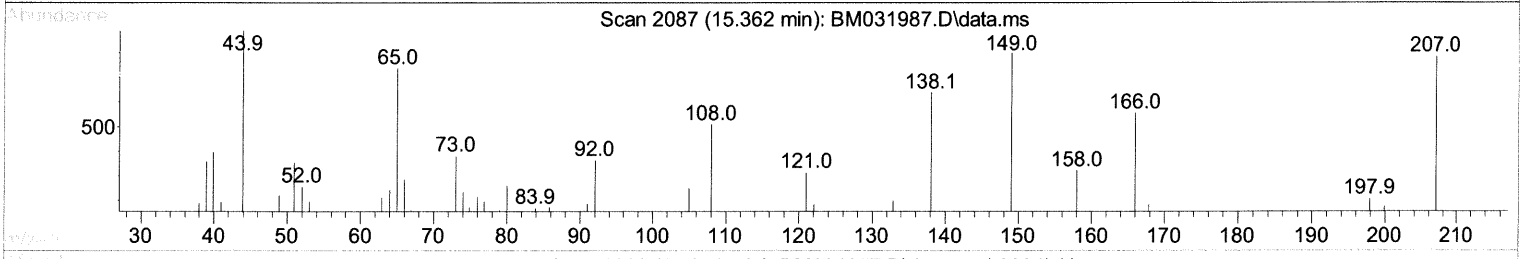
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

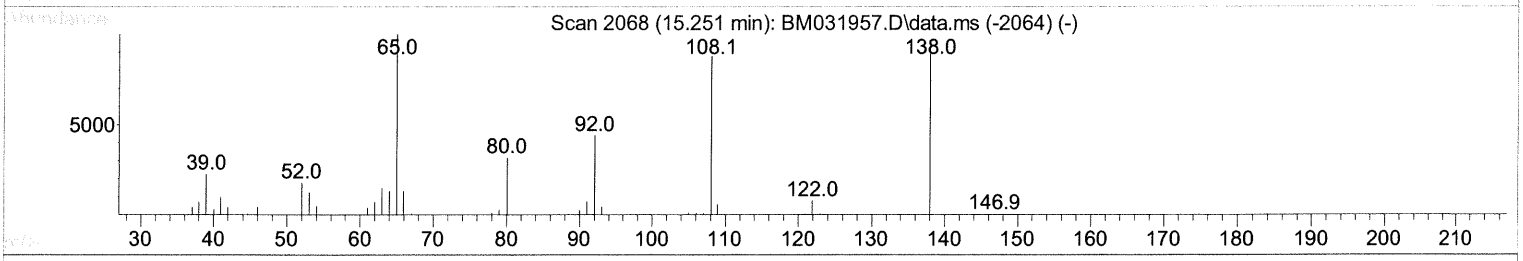
Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM







TIC: BM031987.D\data.ms

(63) 4-Nitroaniline

15.362min (+ 0.106) 0.08 ng/ul

response 305

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	56.74
108.00	76.80	79.62
0.00	0.00	0.00

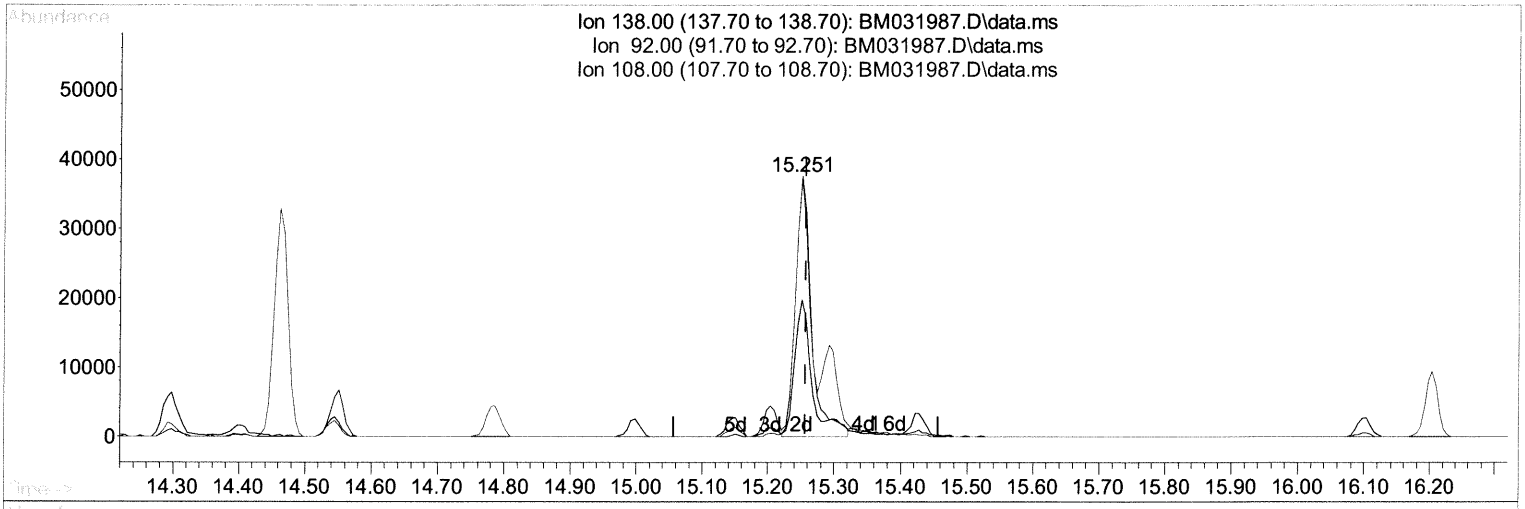
Quantitation Report (Qedit)

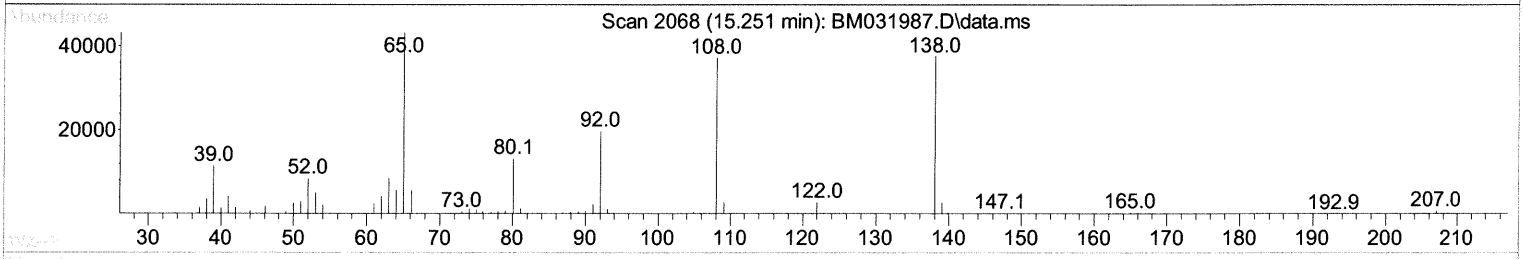
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

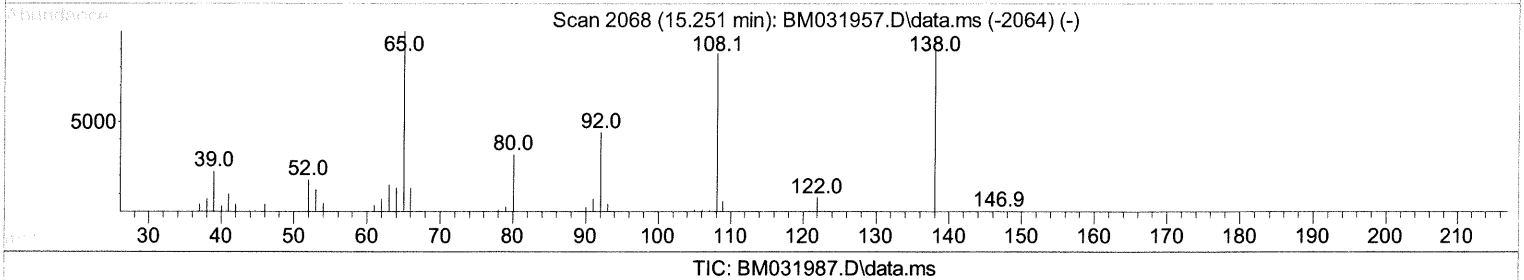
Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM







TIC: BM031987.D\data.ms

(63) 4-Nitroaniline

15.251min (-0.006) 17.31 ng/ul m 09/03/21 JU

response 62844

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	52.44
108.00	76.80	98.89#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	91640	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	402256	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	295508	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	646769	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	676139	20.000	ng/ul	# 0.00
88) Perylene-d12	23.250	264	575455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15636	7.873	ng/uL	0.00
4) Pyridine-d5	3.522	84	106555	18.892	ng/ul	0.00
7) Phenol-d5	6.698	99	151093	19.883	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	84401	19.196	ng/ul	0.00
11) 2-Chlorophenol-d4	7.039	132	124485	21.288	ng/ul	-0.01
15) 4-Methylphenol-d8	8.216	113	127051	19.487	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	61224	20.955	ng/ul	0.00
24) 2-Nitrophenol-d4	9.363	143	73226	21.178	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	149187	21.505	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	193157	19.738	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	450726	20.157	ng/ul	0.00
49) Acenaphthylene-d8	13.833	160	551667	20.833	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	75072	18.548	ng/ul	0.00
60) Fluorene-d10	15.151	176	397254	20.210	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	71177	16.016	ng/ul	0.00
73) Anthracene-d10	17.004	188	628979	20.489	ng/ul	0.00
81) Pyrene-d10	19.309	212	692759	21.874	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	629302	20.808	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	16274	6.796	ng/uL#	77
5) Pyridine	3.540	79	117651	20.290	ng/ul	92
6) Benzaldehyde	6.675	77	44154m	12.835	ng/ul	09/03/2134
8) Phenol	6.728	94	152560	19.951	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.951	93	114011	19.576	ng/ul	92
12) 2-Chlorophenol	7.075	128	124281	21.283	ng/ul	95
13) 2-Methylphenol	7.951	108	115397	19.572	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.039	45	144668	19.114	ng/ul#	89
16) Acetophenone	8.328	105	195473	19.143	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.316	70	97103	19.492	ng/ul	94
18) 4-Methylphenol	8.281	108	128903	19.688	ng/ul	100
19) Hexachloroethane	8.551	117	50446	20.167	ng/ul	91
22) Nitrobenzene	8.698	77	151769	20.576	ng/ul	99
23) Isophorone	9.222	82	267880	19.732	ng/ul#	95
25) 2-Nitrophenol	9.398	139	76556	21.254	ng/ul	94
26) 2,4-Dimethylphenol	9.463	107	152566	20.808	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.704	93	161121	20.022	ng/ul	97
29) 2,4-Dichlorophenol	9.922	162	141964	21.514	ng/ul	98
30) Naphthalene	10.310	128	406138	20.168	ng/ul	99
32) 4-Chloroaniline	10.439	127	192585	19.729	ng/ul	99
33) Hexachlorobutadiene	10.586	225	89428	20.429	ng/ul	97
34) Caprolactam	11.233	113	40205m	18.279	ng/ul	09/03/2134
35) 4-Chloro-3-methylphenol	11.574	107	143875	20.791	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031987.D
Acq On : 31 Aug 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 17:16:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:00 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.933	142	317281	19.983	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	325422	20.122	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	179852	21.202	ng/ul	99
40) Hexachlorocyclopentadiene	12.274	237	75684	16.576	ng/ul	98
41) 2,4,6-Trichlorophenol	12.563	196	123374	21.710	ng/ul	97
42) 2,4,5-Trichlorophenol	12.639	196	132558	21.480	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	430273	20.700	ng/ul	98
44) 2-Chloronaphthalene	13.004	162	339874	20.639	ng/ul	99
45) 2-Nitroaniline	13.233	65	93594	20.629	ng/ul	99
47) Dimethylphthalate	13.621	163	436128	19.864	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	90431	20.877	ng/ul	97
50) Acenaphthylene	13.863	152	500660	20.547	ng/ul	99
51) 3-Nitroaniline	14.080	138	69173	17.065	ng/ul	95
52) Acenaphthene	14.210	153	361196	20.410	ng/ul	97
53) 2,4-Dinitrophenol	14.298	184	41774	13.794	ng/ul	92
55) 4-Nitrophenol	14.404	109	69079	18.488	ng/ul	91
56) Dibenzofuran	14.551	168	532007	20.385	ng/ul	100
57) 2,4-Dinitrotoluene	14.545	165	130290	20.055	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	14.786	232	115233	20.800	ng/ul	99
59) Diethylphthalate	14.998	149	445355	19.846	ng/ul	98
61) Fluorene	15.204	166	443100	20.066	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	227425	20.109	ng/ul	98
63) 4-Nitroaniline	15.251	138	62844m	>17.308	ng/ul>	09/03/21 JU
66) 4,6-Dinitro-2-methylph...	15.310	198	71013	16.434	ng/ul	98
67) N-Nitrosodiphenylamine	15.427	169	382407	20.589	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	137540	20.752	ng/ul	96
69) Hexachlorobenzene	16.204	284	157014	20.404	ng/ul	99
70) Atrazine	16.398	200	138968	19.858	ng/ul	96
71) Pentachlorophenol	16.557	266	96416	19.160	ng/ul	97
72) Phenanthrene	16.945	178	708194	20.048	ng/ul	99
74) Anthracene	17.039	178	739888	20.466	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.927	216	179780	21.360	ng/uL	99
76) Pentachlorobenzene	14.468	250	187164	21.197	ng/uL	94
77) Carbazole	17.321	167	640615	19.361	ng/ul	99
78) Di-n-butylphthalate	17.892	149	792114	20.892	ng/ul	100
80) Fluoranthene	18.974	202	845114	21.961	ng/ul#	94
82) Pyrene	19.339	202	883697	21.689	ng/ul#	94
83) Butylbenzylphthalate	20.262	149	365671	22.857	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.044	252	221849	14.574	ng/ul	99
85) Benzo(a)anthracene	21.097	228	861980	20.495	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.044	149	584123	22.640	ng/ul	97
87) Chrysene	21.150	228	821797	20.314	ng/ul	99
89) Di-n-octyl phthalate	21.903	149	995634	25.361	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	805687	21.975	ng/ul	98
91) Benzo(k)fluoranthene	22.662	252	785541	22.131	ng/ul#	98
93) Benzo(a)pyrene	23.162	252	683176	20.635	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.362	276	766743	18.095	ng/ul	95
95) Dibenzo(a,h)anthracene	25.374	278	647346	18.165	ng/ul	96
96) Benzo(g,h,i)perylene	25.997	276	616670	17.575	ng/ul	97

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