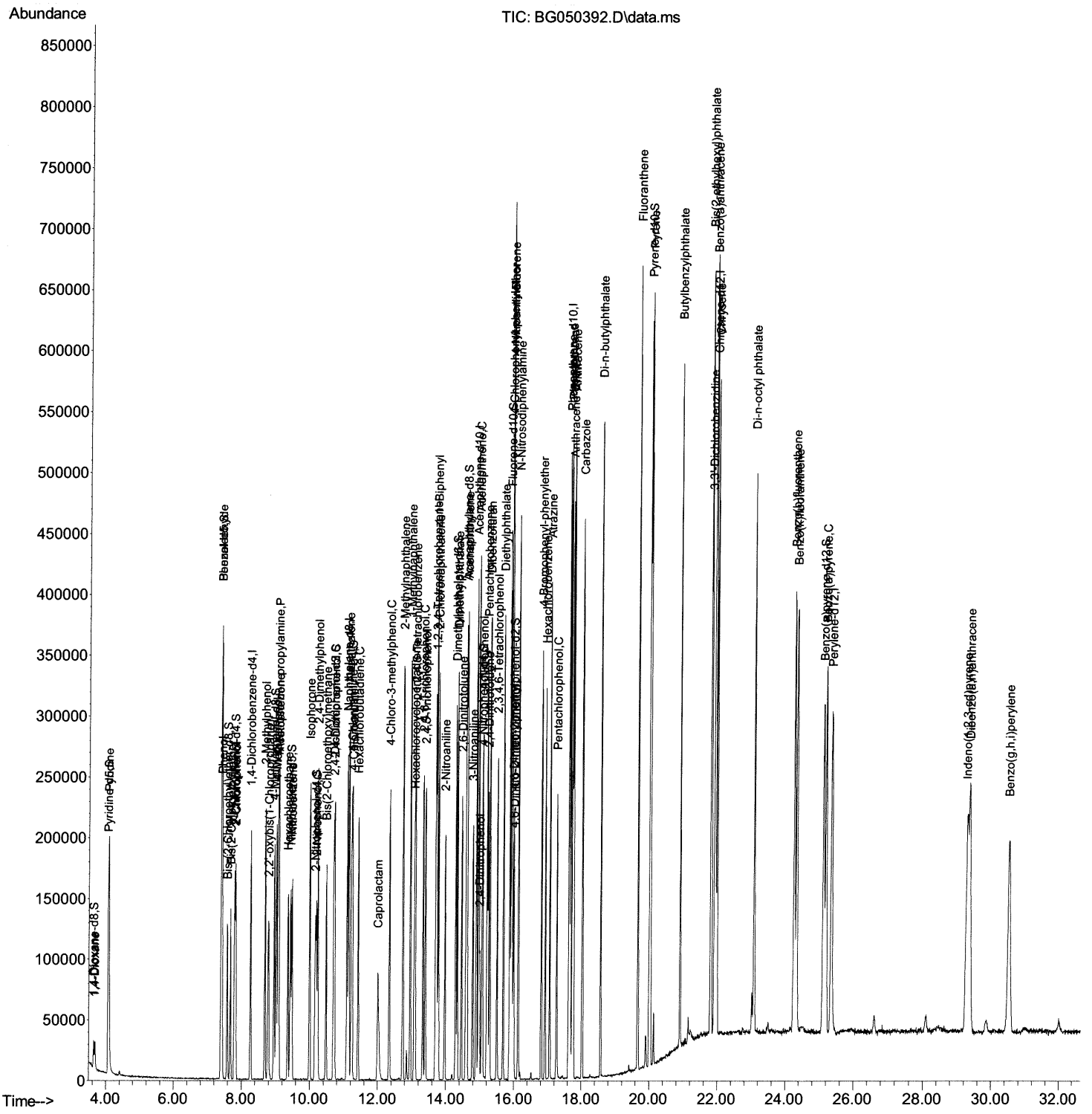
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM



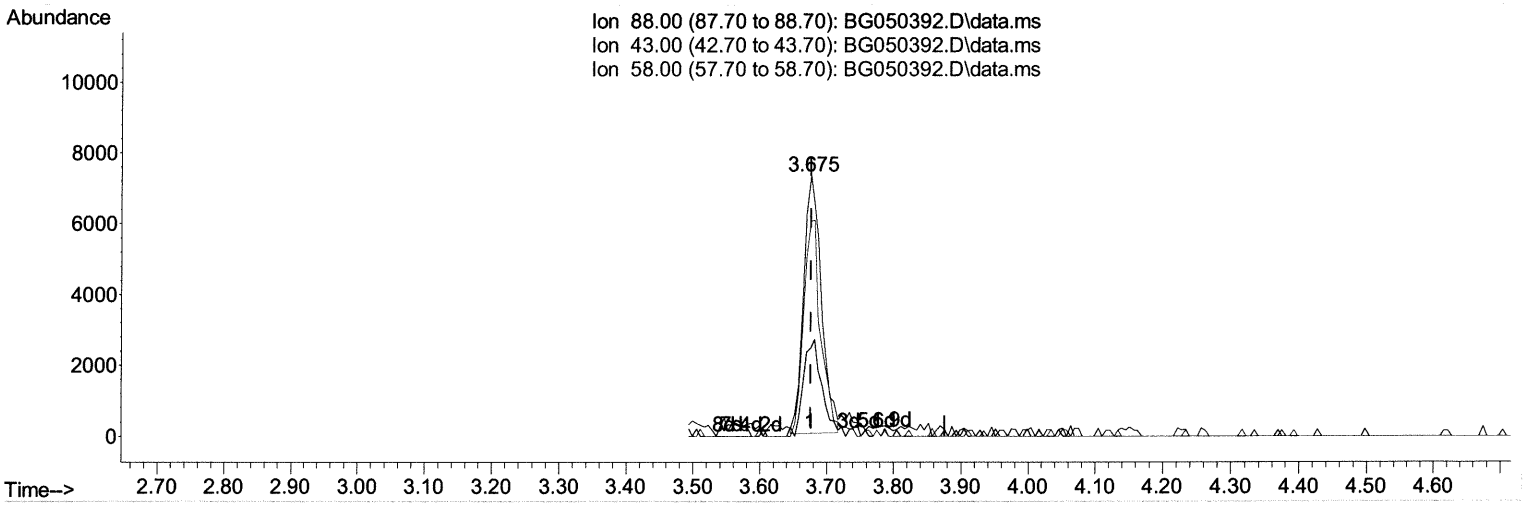
Quantitation Report (Qedit)

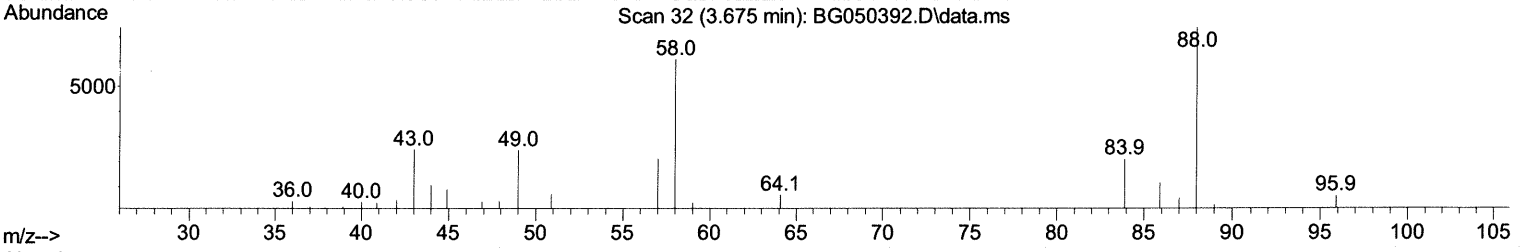
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

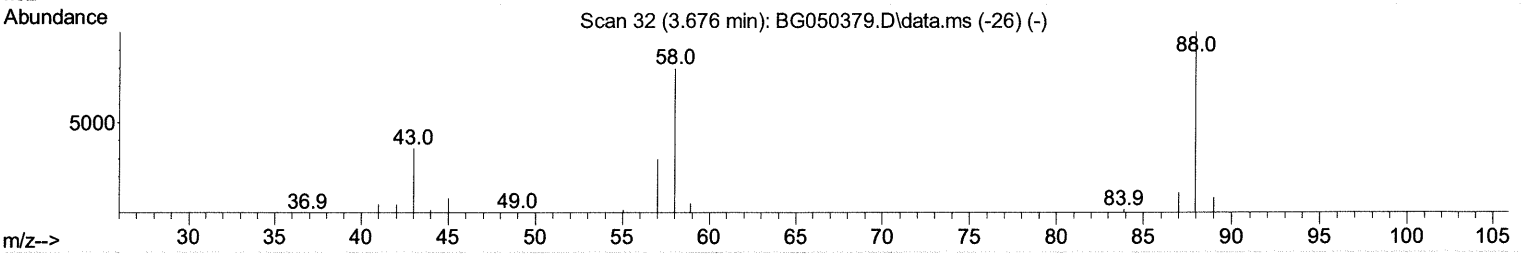
Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM







TIC: BG050392.D\data.ms

(2) 1,4-Dioxane

3.675min (-0.001) 7.77 ng/uL

response 13639

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	33.89
58.00	67.10	82.61#
0.00	0.00	0.00

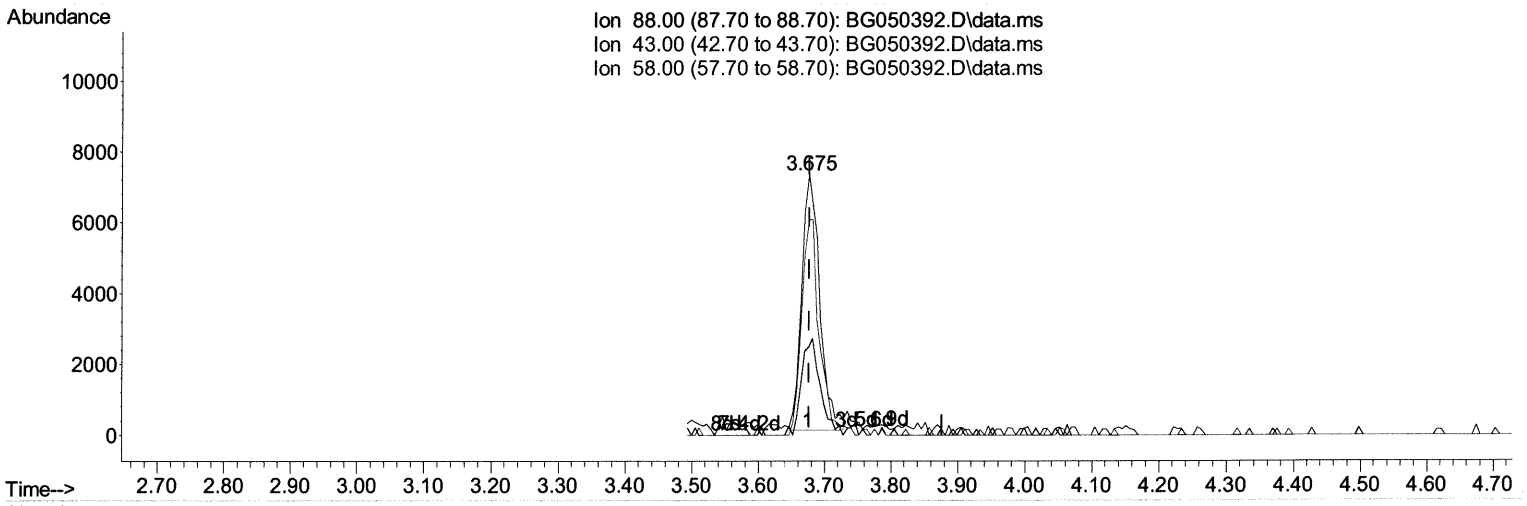
Quantitation Report (Qedit)

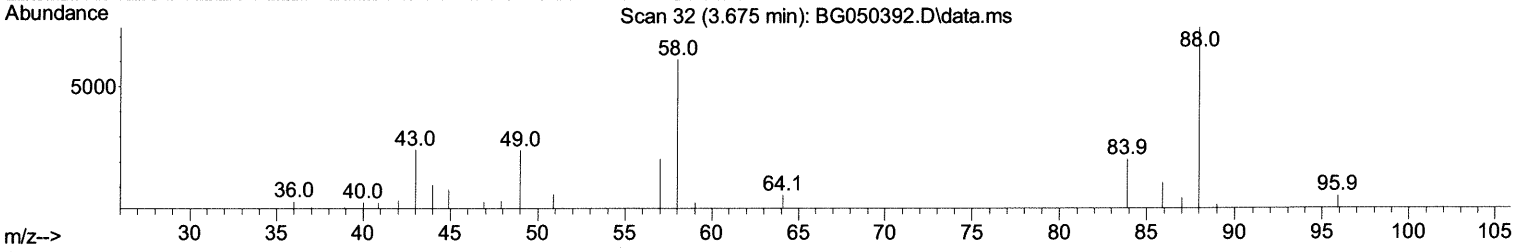
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

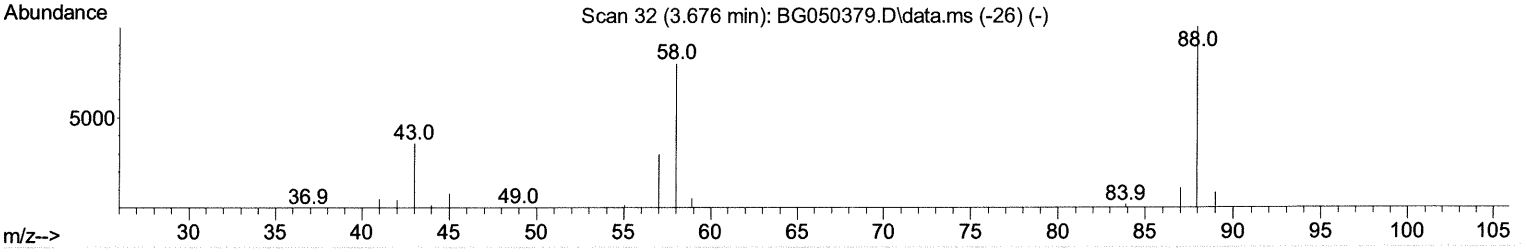
Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM







TIC: BG050392.D\data.ms

(2) 1,4-Dioxane

3.675min (-0.001) 7.80 ng/uL m 10/05/21 JU

response 13706

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	33.89
58.00	67.10	82.61#
0.00	0.00	0.00

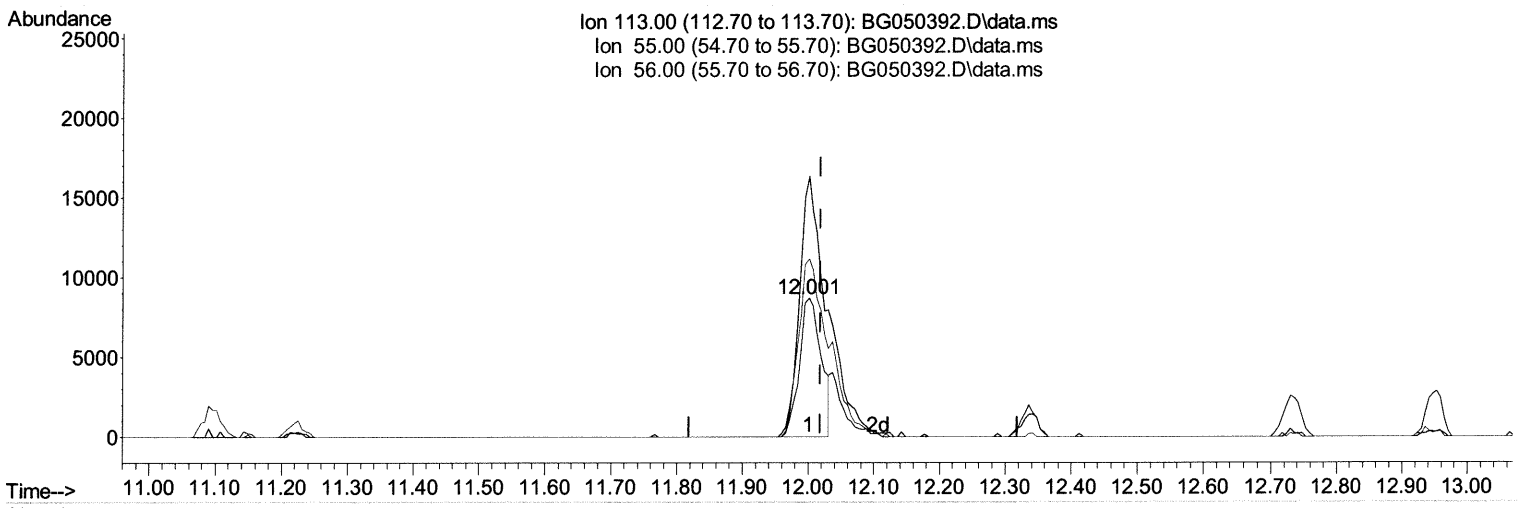
Quantitation Report (Qedit)

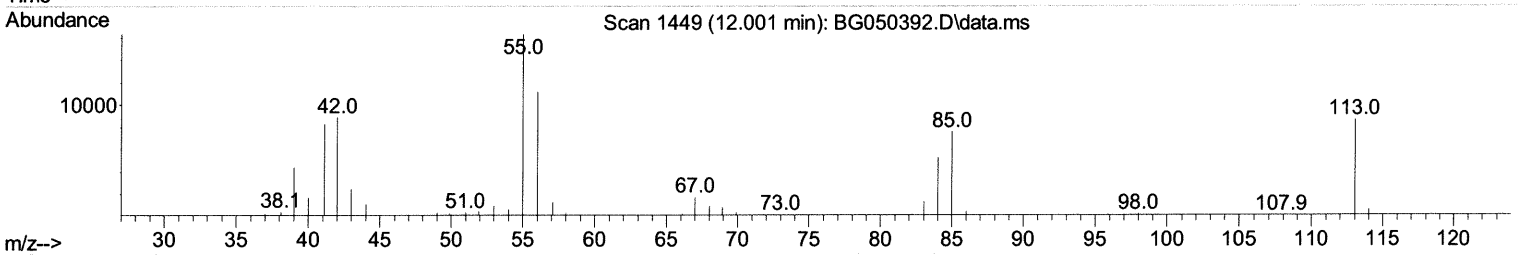
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

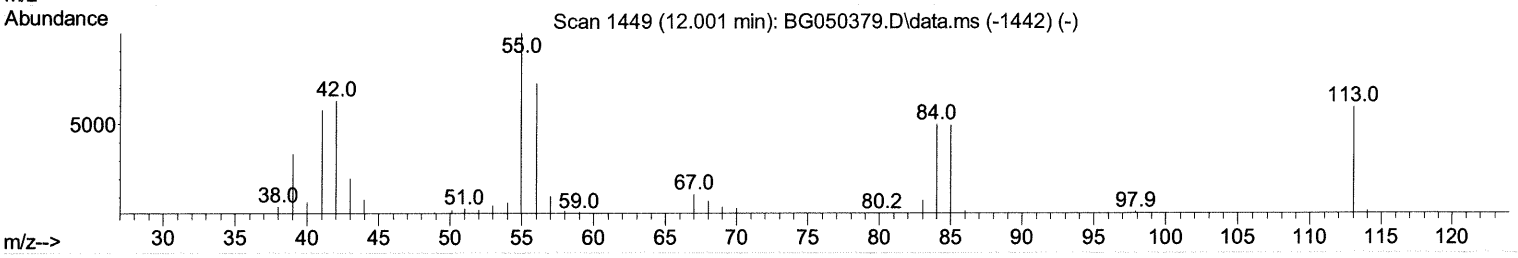
Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM







TIC: BG050392.D\data.ms

(34) Caprolactam

12.001min (-0.018) 15.98 ng/ul

response 20074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	188.14
56.00	132.30	128.56
0.00	0.00	0.00

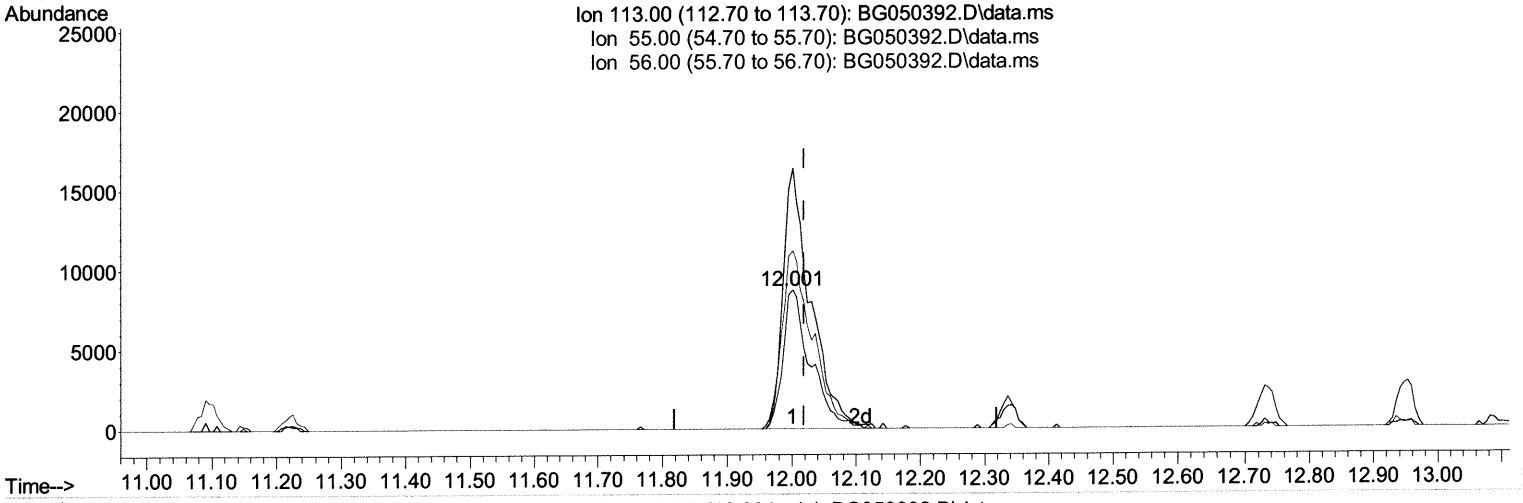
Quantitation Report (Qedit)

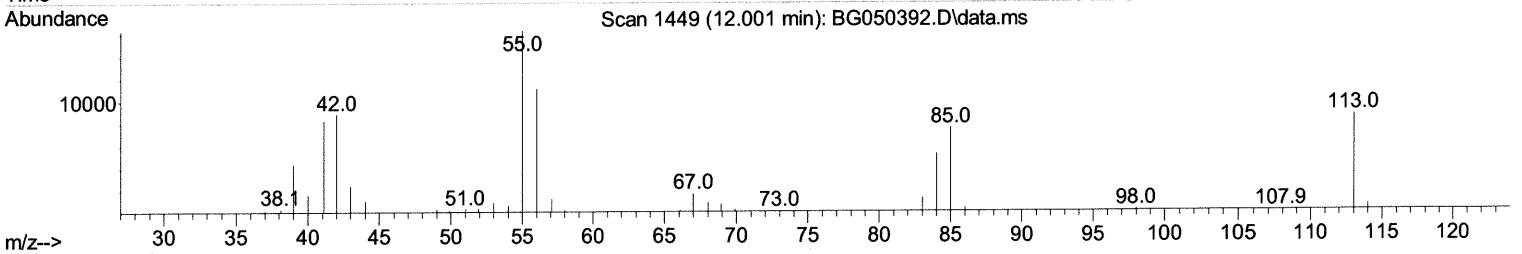
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

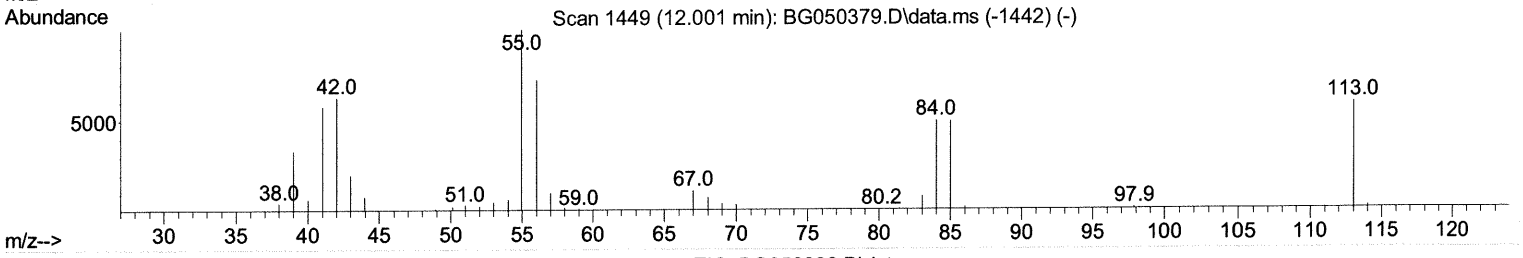
Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM







TIC: BG050392.D\data.ms

(34) Caprolactam

12.001min (-0.018) 20.44 ng/ul m 10/05/21 JU

response 25686

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	188.14
56.00	132.30	128.56
0.00	0.00	0.00

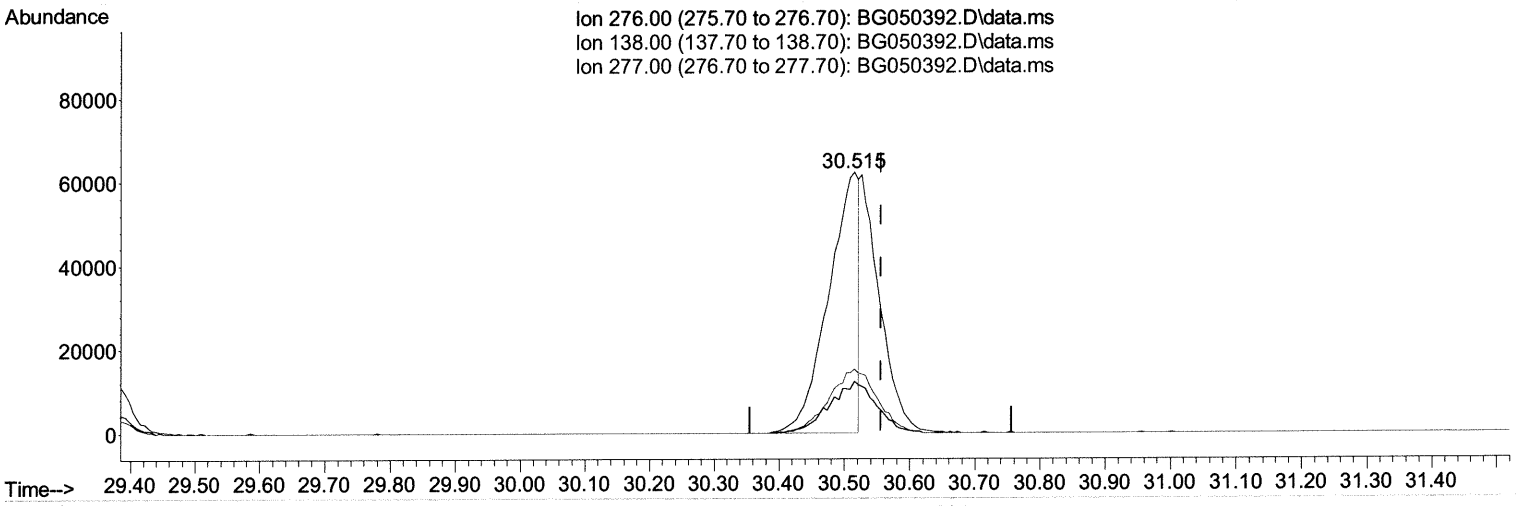
Quantitation Report (Qedit)

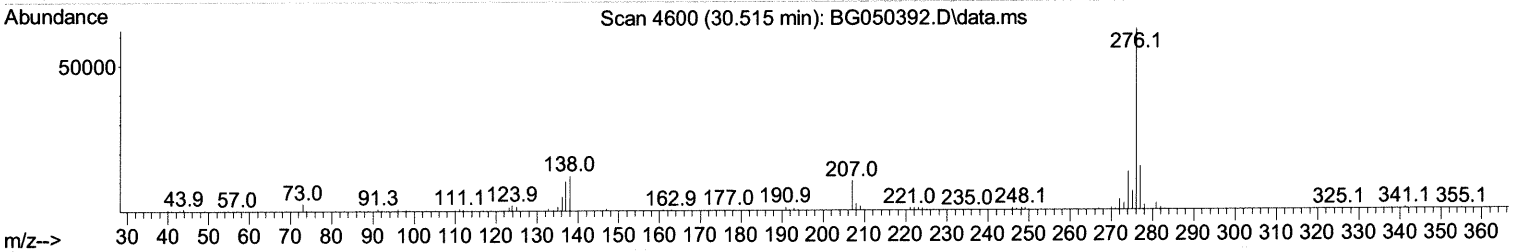
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

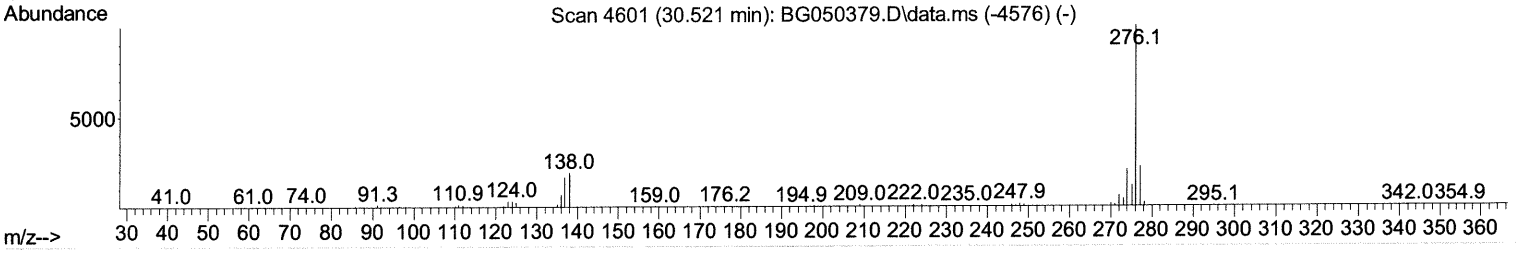
Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM







TIC: BG050392.D\data.ms

(96) Benzo(g,h,i)perylene

30.515min (-0.041) 12.64 ng/ul

response 197157

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	19.66
277.00	22.40	24.39
0.00	0.00	0.00

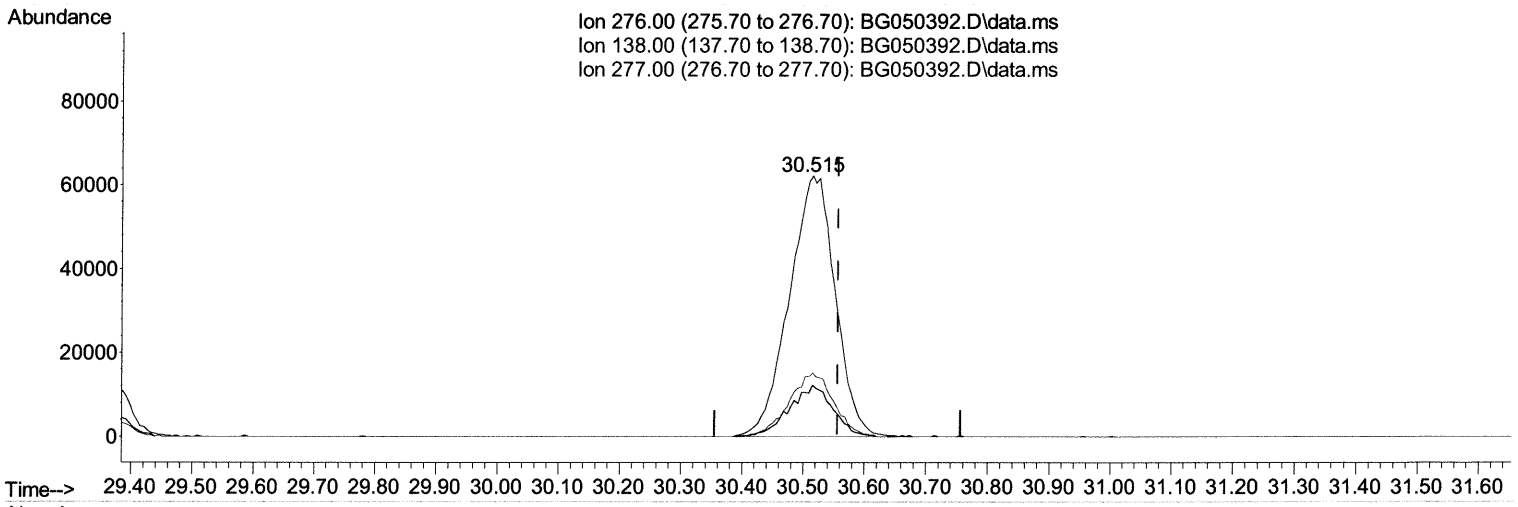
Quantitation Report (Qedit)

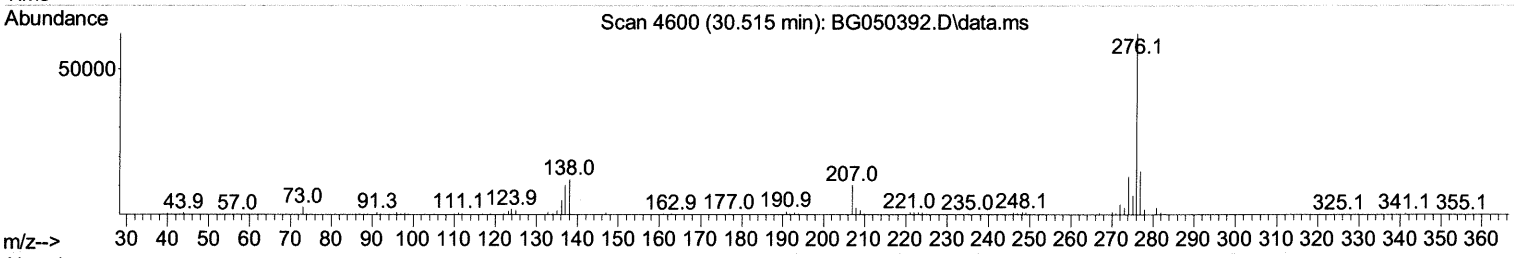
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

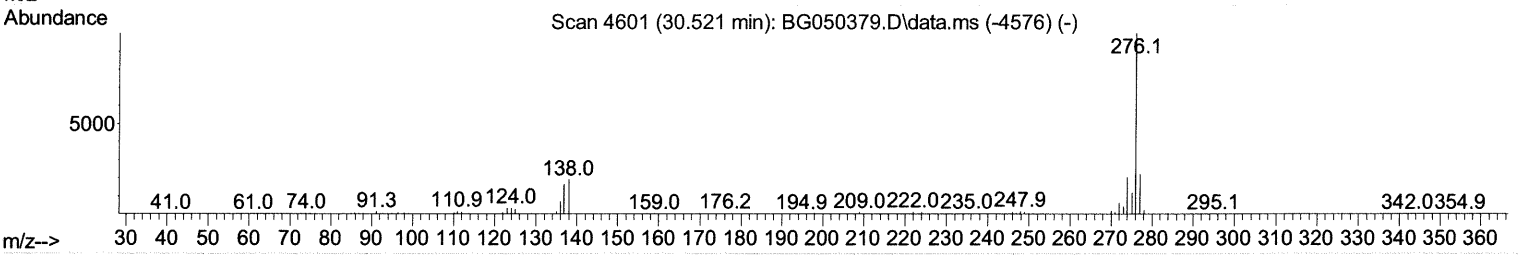
Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM







TIC: BG050392.D\data.ms

(96) Benzo(g,h,i)perylene

30.515min (-0.041) 20.78 ng/ul m 10/05/21 JU

response 324042

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	19.66
277.00	22.40	24.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	53328	20.000	ng/ul	0.00
20) Naphthalene-d8	11.096	136	221555	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	143103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	310350	20.000	ng/ul	0.00
79) Chrysene-d12	21.936	240	284302	20.000	ng/ul	-0.01
88) Perylene-d12	25.356	264	283549	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	11806	8.134	ng/uL	0.00
4) Pyridine-d5	4.063	84	91495	21.154	ng/ul	0.00
7) Phenol-d5	7.400	99	100747	21.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	65093	22.198	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	71410	21.874	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	76609	21.723	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	34278	22.116	ng/ul	0.00
24) 2-Nitrophenol-d4	10.168	143	37842	22.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	70946	21.599	ng/ul	0.00
31) 4-Chloroaniline-d4	11.225	131	96214	20.504	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	201936	20.619	ng/ul	-0.01
49) Acenaphthylene-d8	14.586	160	264149	21.477	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	38758	20.547	ng/ul	0.00
60) Fluorene-d10	15.873	176	181888	20.614	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	31645	20.443	ng/ul	0.00
73) Anthracene-d10	17.730	188	279813	21.342	ng/ul	0.00
81) Pyrene-d10	20.003	212	319588	21.140	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.115	264	305209	21.407	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	13706m	7.805	ng/uL	10/05/21 JU
5) Pyridine	4.081	79	93646	21.374	ng/ul	98
6) Benzaldehyde	7.400	77	78019	25.390	ng/ul	100
8) Phenol	7.430	94	104542	21.891	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.677	93	77778	21.713	ng/ul	98
12) 2-Chlorophenol	7.829	128	72491	21.704	ng/ul#	94
13) 2-Methylphenol	8.693	108	76747	21.807	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.793	45	124202	23.110	ng/ul	99
16) Acetophenone	9.098	105	119945	21.406	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.075	70	72154	21.427	ng/ul#	94
18) 4-Methylphenol	9.022	108	80823	21.684	ng/ul	99
19) Hexachloroethane	9.363	117	31724	22.100	ng/ul	97
22) Nitrobenzene	9.480	77	104540	22.505	ng/ul	96
23) Isophorone	10.003	82	193246	21.647	ng/ul	98
25) 2-Nitrophenol	10.197	139	40231	23.532	ng/ul	95
26) 2,4-Dimethylphenol	10.238	107	91304	21.514	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.485	93	104652	21.714	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	68479	21.057	ng/ul	91
30) Naphthalene	11.149	128	237773	20.904	ng/ul	98
32) 4-Chloroaniline	11.249	127	97487	20.636	ng/ul	99
33) Hexachlorobutadiene	11.419	225	48859	20.674	ng/ul	97
34) Caprolactam	12.001	113	25686m	20.444	ng/ul	10/05/21 JU
35) 4-Chloro-3-methylphenol	12.336	107	83104	21.675	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050392.D
Acq On : 2 Oct 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Oct 04 02:16:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
10/4/2021 11:51:25 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.735	142	159398	20.612	ng/ul	97
37) 1-Methylnaphthalene	12.947	142	162079	20.819	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.094	216	88101	21.333	ng/ul	96
40) Hexachlorocyclopentadiene	13.064	237	50947	18.603	ng/ul	91
41) 2,4,6-Trichlorophenol	13.323	196	58262	22.383	ng/ul	96
42) 2,4,5-Trichlorophenol	13.393	196	63404	22.268	ng/ul	97
43) 1,1'-Biphenyl	13.722	154	211843	21.997	ng/ul	99
44) 2-Chloronaphthalene	13.769	162	163912	21.725	ng/ul	97
45) 2-Nitroaniline	13.963	65	60893	24.652	ng/ul	95
47) Dimethylphthalate	14.328	163	205150	20.819	ng/ul	98
48) 2,6-Dinitrotoluene	14.451	165	41468	22.372	ng/ul	93
50) Acenaphthylene	14.616	152	268317	21.507	ng/ul	98
51) 3-Nitroaniline	14.780	138	46920	23.271	ng/ul	85
52) Acenaphthene	14.950	153	177195	21.490	ng/ul	97
53) 2,4-Dinitrophenol	14.980	184	21584	18.682	ng/ul	93
55) 4-Nitrophenol	15.062	109	38827	20.816	ng/ul	90
56) Dibenzofuran	15.285	168	248461	20.719	ng/ul	96
57) 2,4-Dinitrotoluene	15.232	165	58859	21.868	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.497	232	51044	20.847	ng/ul	90
59) Diethylphthalate	15.685	149	213353	20.750	ng/ul	99
61) Fluorene	15.932	166	192682	20.196	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.914	204	104146	20.156	ng/ul	98
63) 4-Nitroaniline	15.937	138	44195	21.705	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.996	198	31543	20.615	ng/ul	95
67) N-Nitrosodiphenylamine	16.125	169	174765	22.272	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	61475	21.276	ng/ul	94
69) Hexachlorobenzene	16.930	284	63919	21.008	ng/ul	98
70) Atrazine	17.066	200	71075	21.273	ng/ul	96
71) Pentachlorophenol	17.271	266	40726	20.439	ng/ul	98
72) Phenanthrene	17.671	178	328052	21.176	ng/ul	98
74) Anthracene	17.765	178	327324	21.335	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	95108	23.245	ng/uL	99
76) Pentachlorobenzene	15.197	250	84609	22.635	ng/uL	98
77) Carbazole	18.029	167	305199	22.224	ng/ul	99
78) Di-n-butylphthalate	18.570	149	359090	22.066	ng/ul	99
80) Fluoranthene	19.668	202	406437	21.409	ng/ul	98
82) Pyrene	20.033	202	399126	21.320	ng/ul	97
83) Butylbenzylphthalate	20.902	149	158797	23.013	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.819	252	134749	22.996	ng/ul	98
85) Benzo(a)anthracene	21.913	228	367756	21.457	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.795	149	233019	23.500	ng/ul	98
87) Chrysene	21.983	228	350994	21.369	ng/ul	99
89) Di-n-octyl phthalate	23.082	149	394051	24.185	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	371388	21.504	ng/ul	98
91) Benzo(k)fluoranthene	24.334	252	344793	21.454	ng/ul	98
93) Benzo(a)pyrene	25.191	252	351401	21.324	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.275	276	393894	21.290	ng/ul	99
95) Dibenzo(a,h)anthracene	29.357	278	335324	21.298	ng/ul	100
96) Benzo(g,h,i)perylene	30.515	276	324042m	20.777	ng/ul	> 10/05/21/JU

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