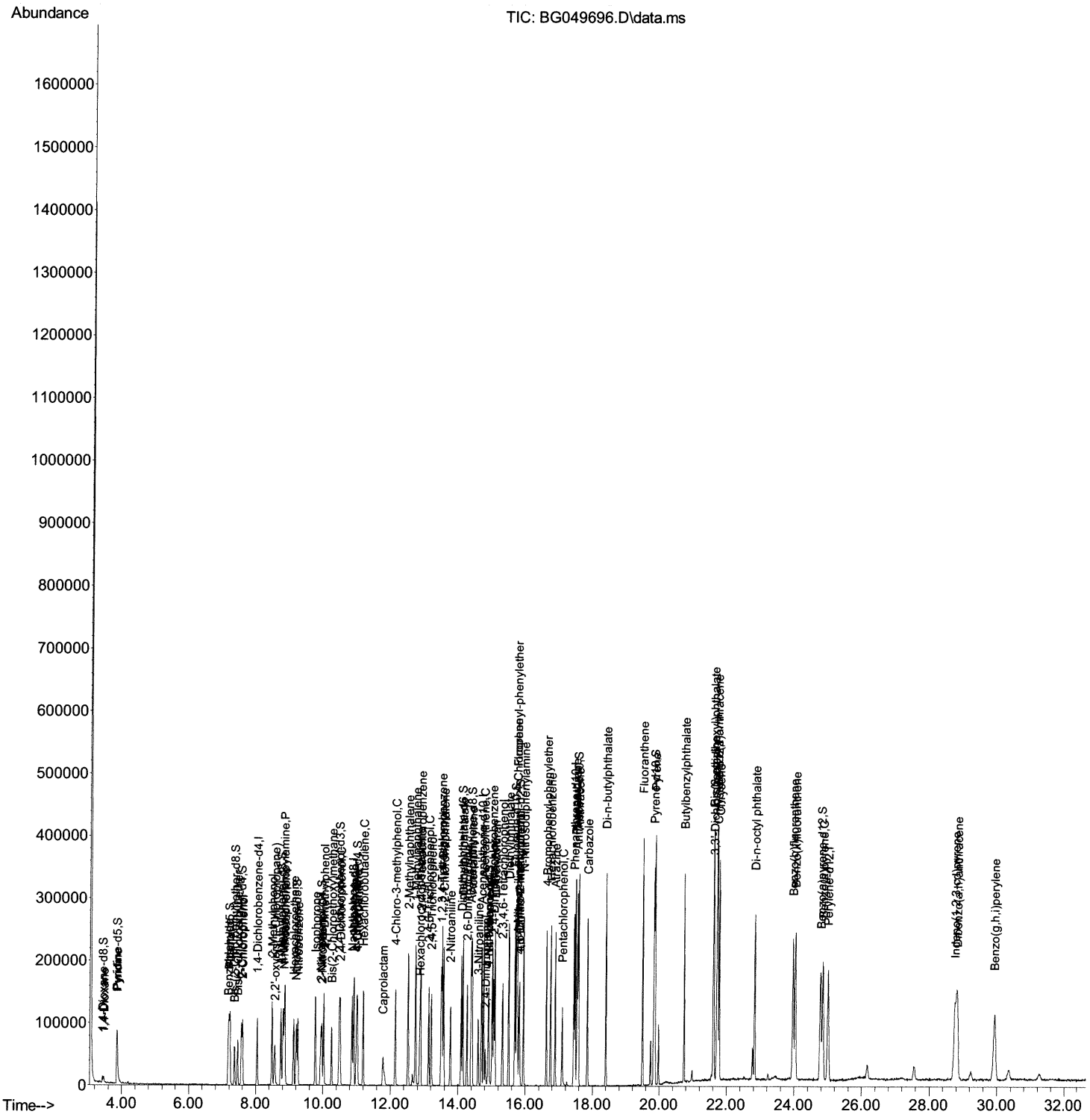
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM



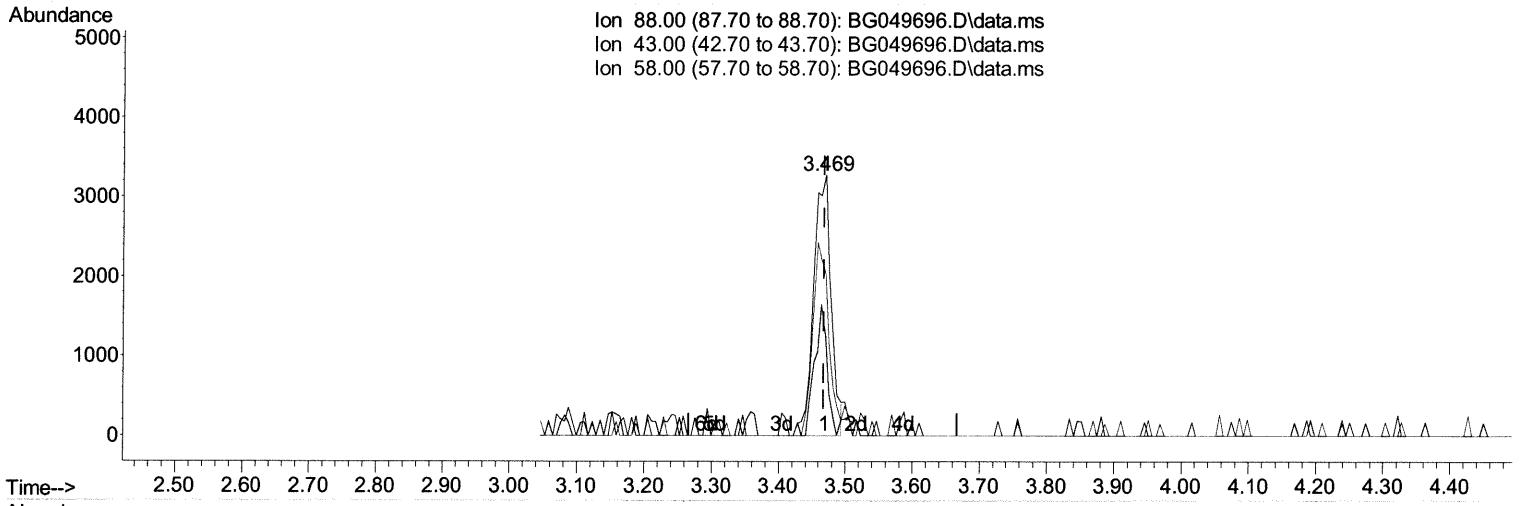
Quantitation Report (Qedit)

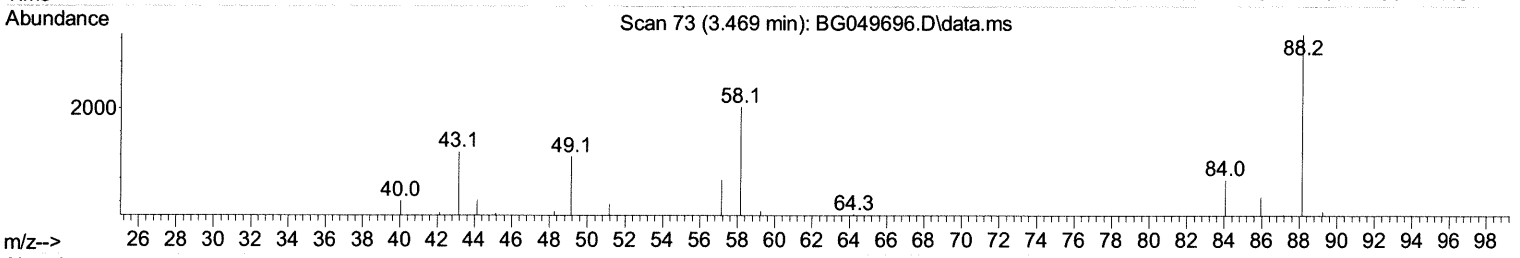
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

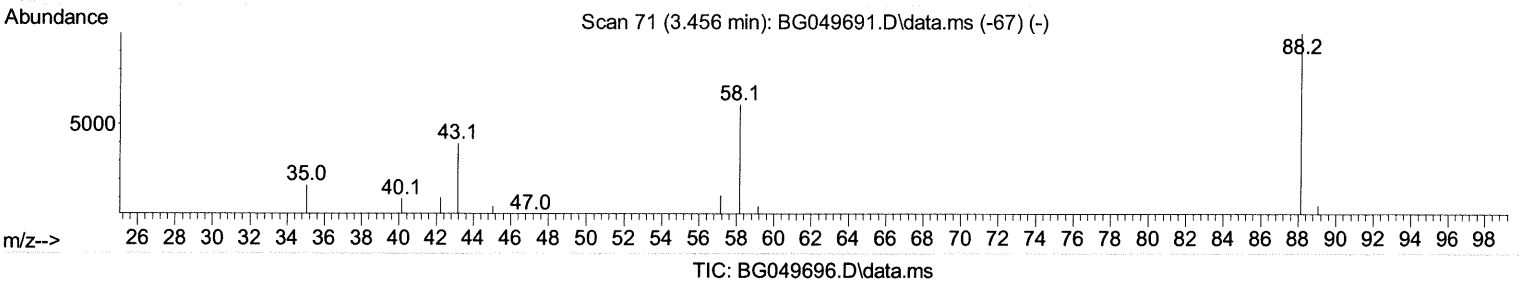
Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM







TIC: BG049696.D\data.ms

(2) 1,4-Dioxane

3.469min (+ 0.002) 8.36 ng/uL

response 6027

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.80	38.25
58.00	57.40	62.03
0.00	0.00	0.00

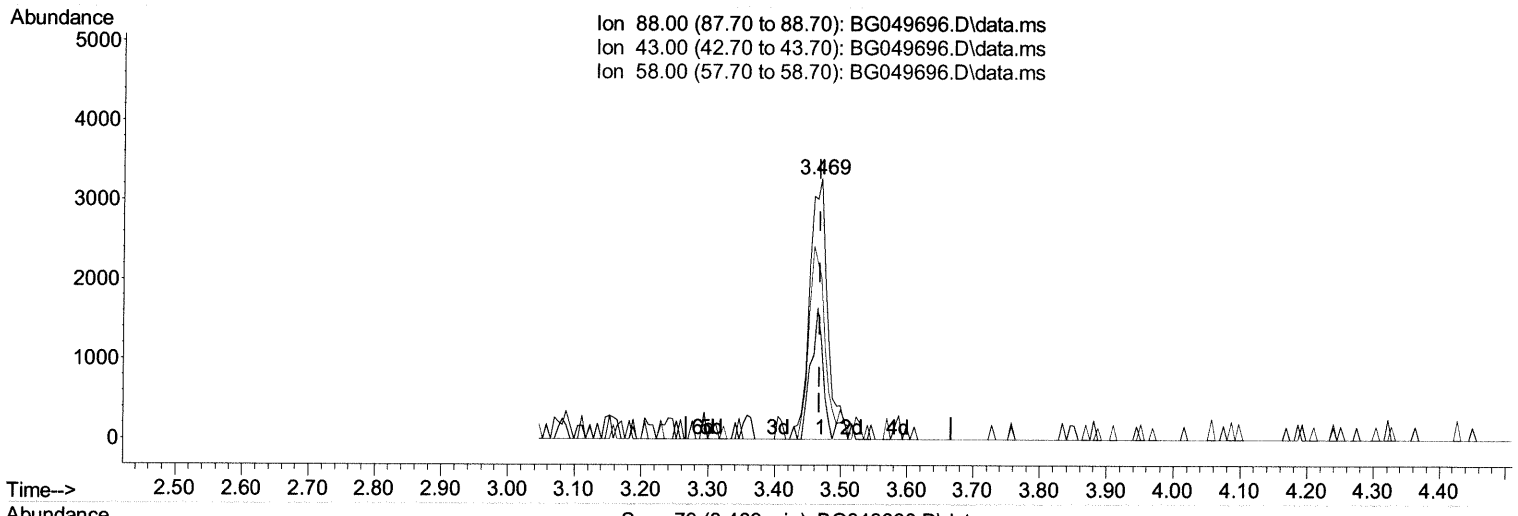
Quantitation Report (Qedit)

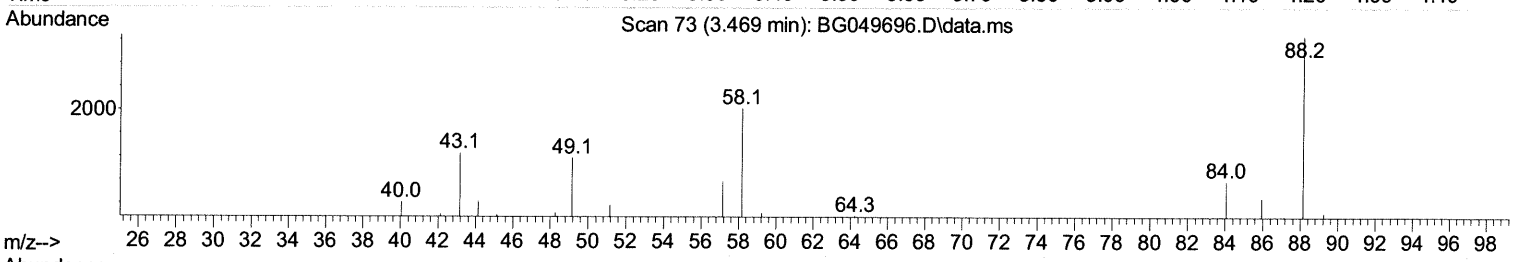
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

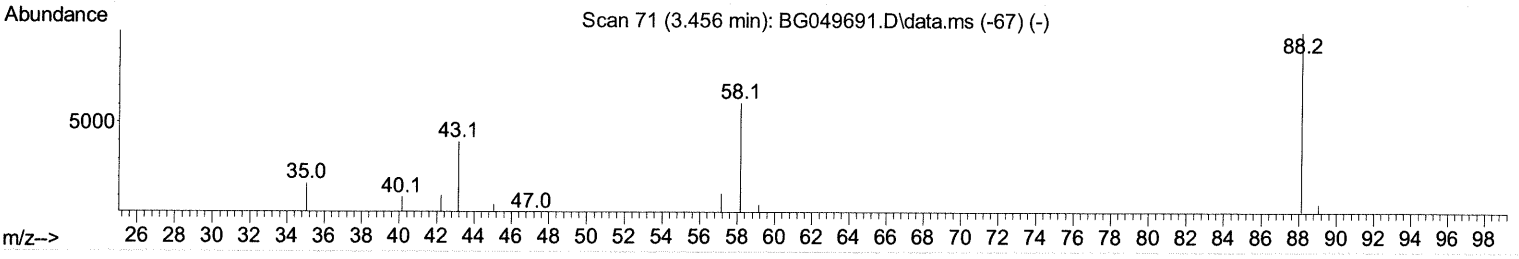
Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM







TIC: BG049696.D\data.ms

(2) 1,4-Dioxane

3.469min (+ 0.002) 8.74 ng/uL m 08/11/2021

response 6302

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.80	38.25
58.00	57.40	62.03
0.00	0.00	0.00

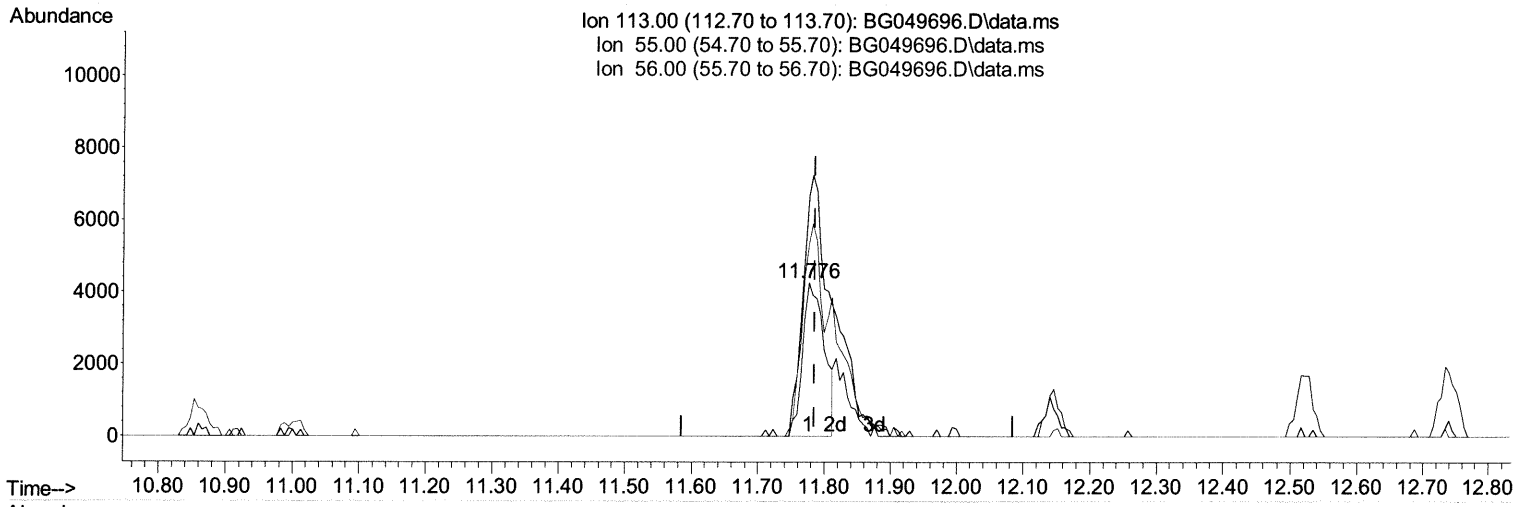
Quantitation Report (Qedit)

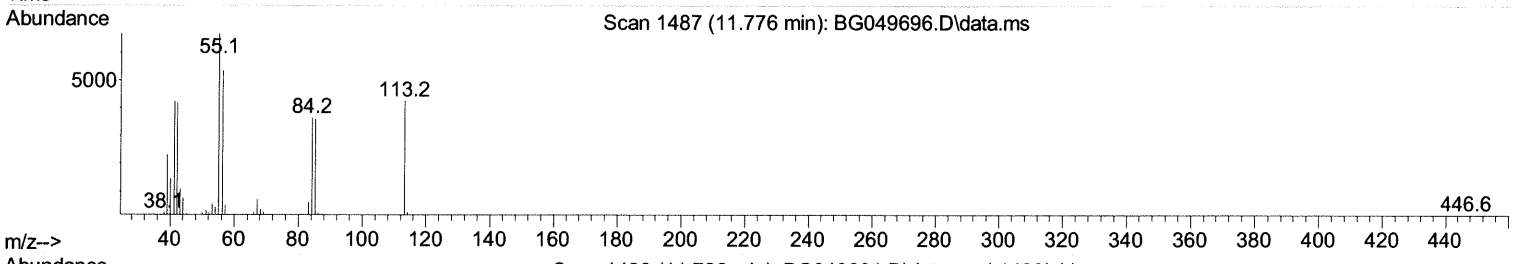
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

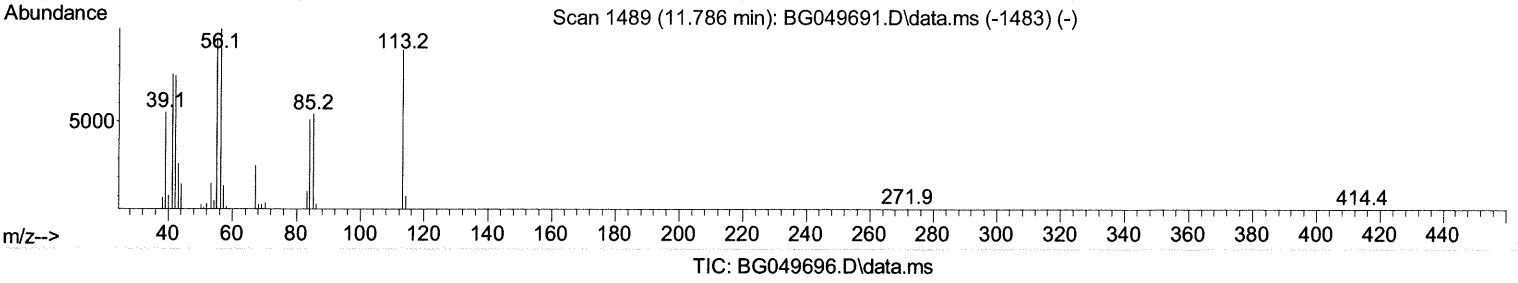
Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM







TIC: BG049696.D\data.ms

(34) Caprolactam

11.776min (-0.009) 16.32 ng/ul

response 9700

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	156.66
56.00	125.20	125.72
0.00	0.00	0.00

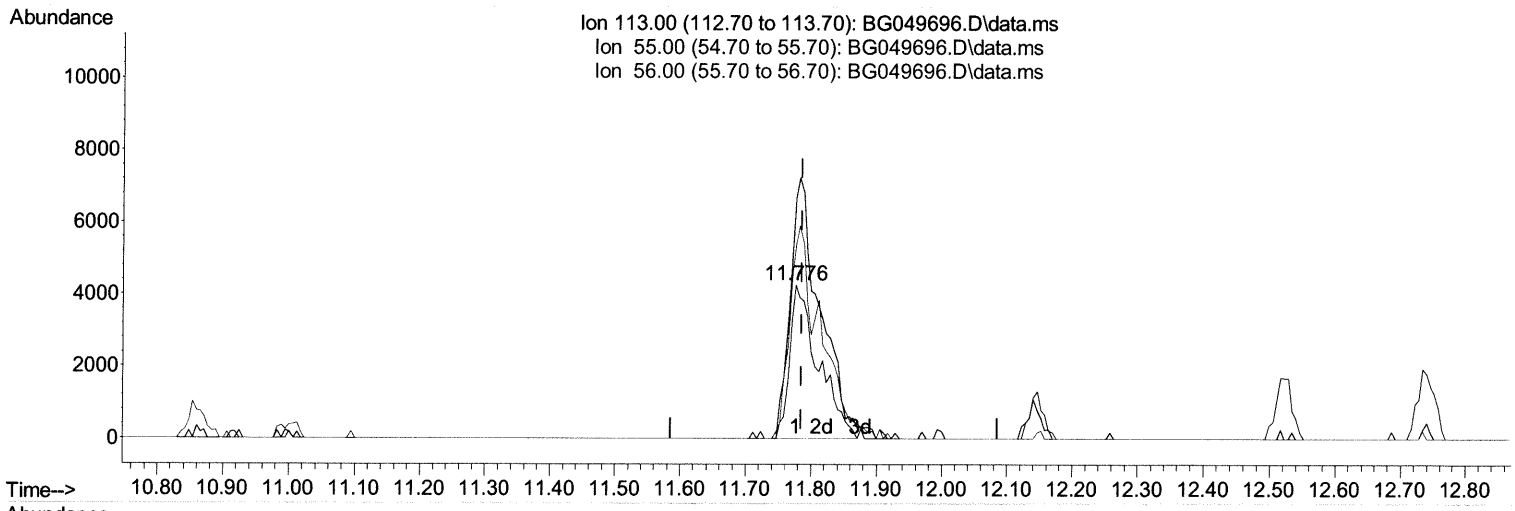
Quantitation Report (Qedit)

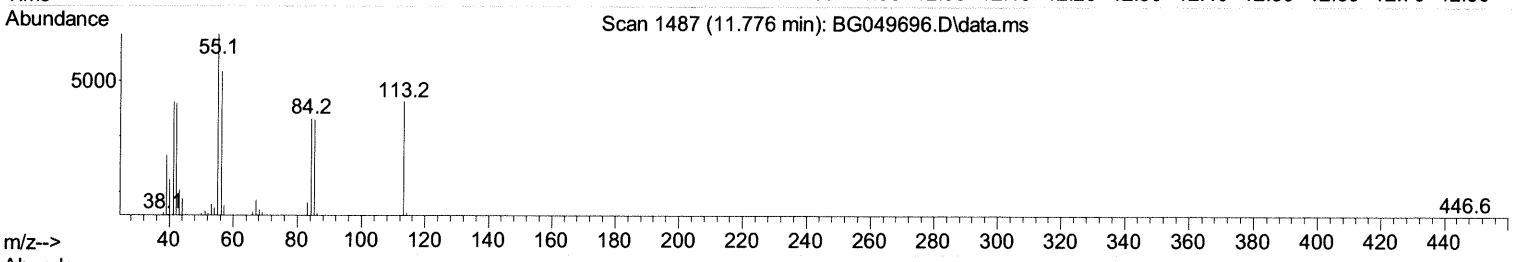
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

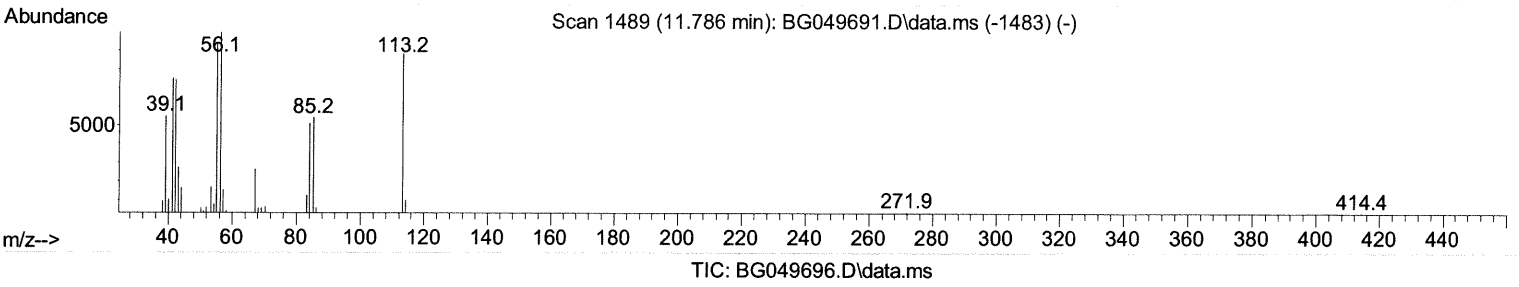
Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM







TIC: BG049696.D\data.ms

(34) Caprolactam

11.776min (-0.009) 21.73 ng/ul m 08/11/21

response 12913

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	156.66
56.00	125.20	125.72
0.00	0.00	0.00

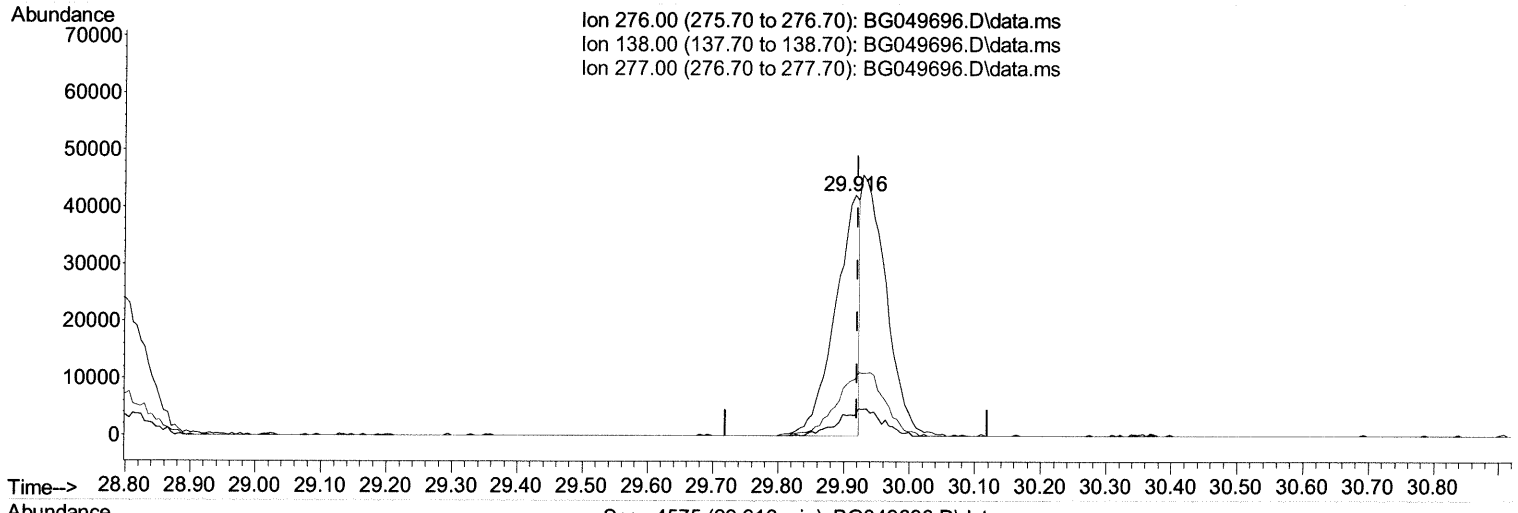
Quantitation Report (Qedit)

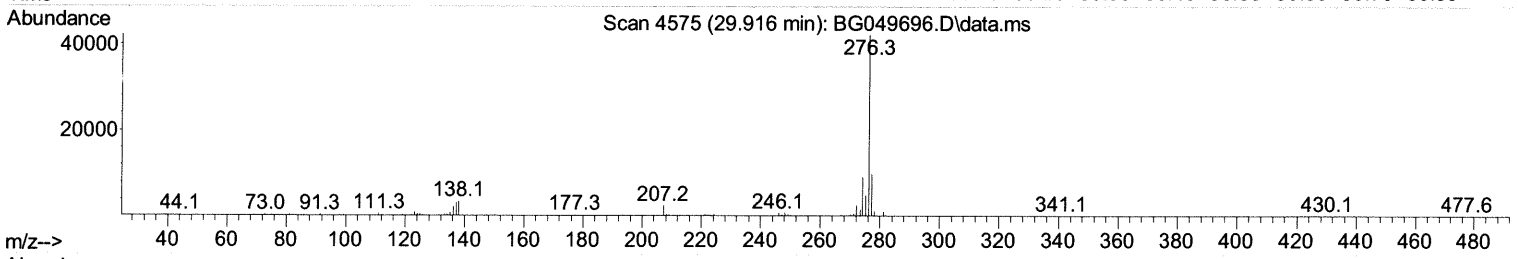
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

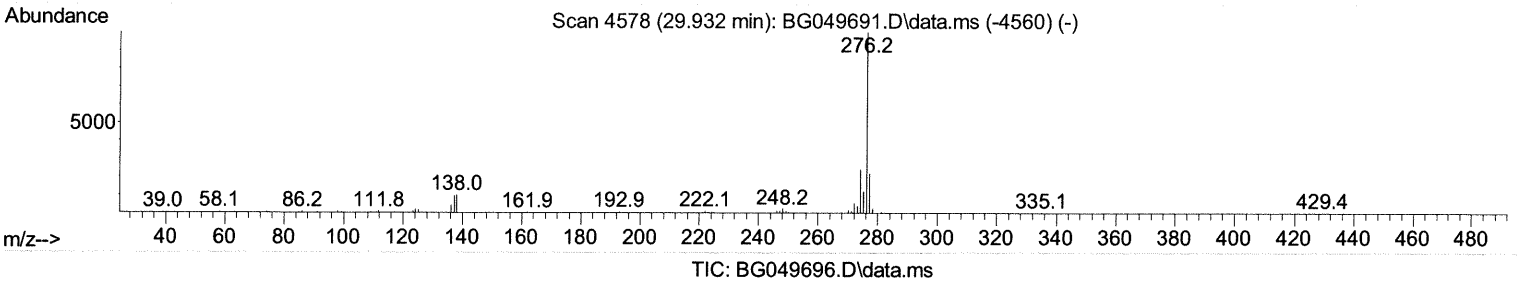
Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM







TIC: BG049696.D\data.ms

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

29.916min (-0.003) 10.32 ng/ul

response 109071

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.23
277.00	24.40	23.31
0.00	0.00	0.00

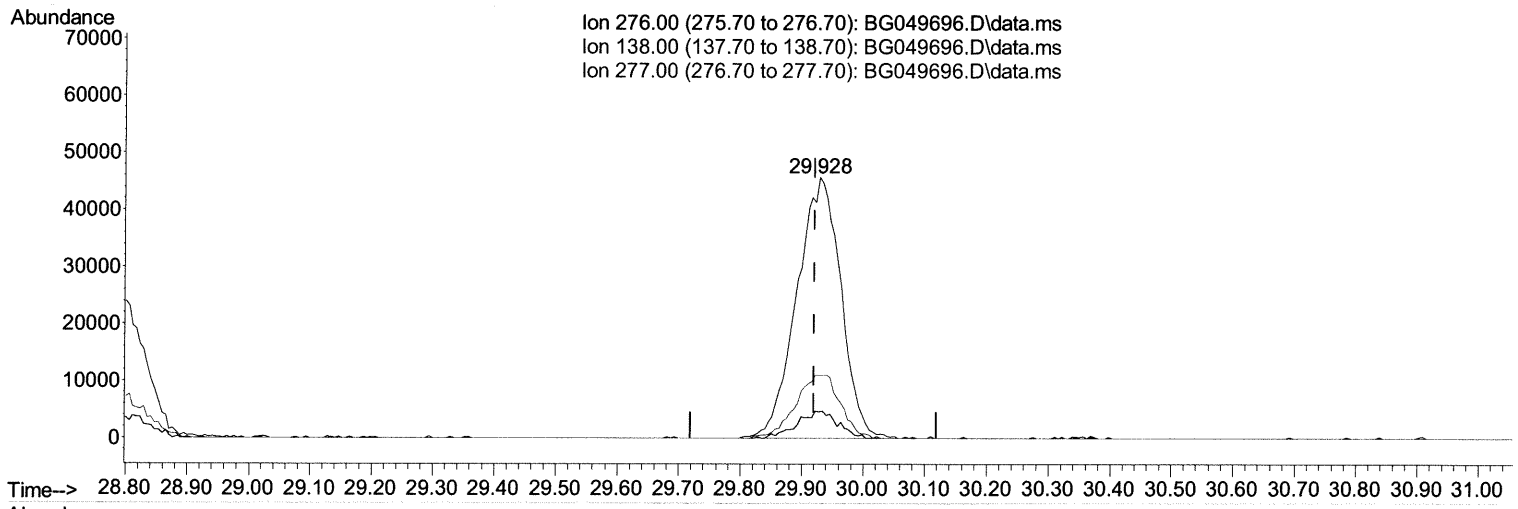
Quantitation Report (Qedit)

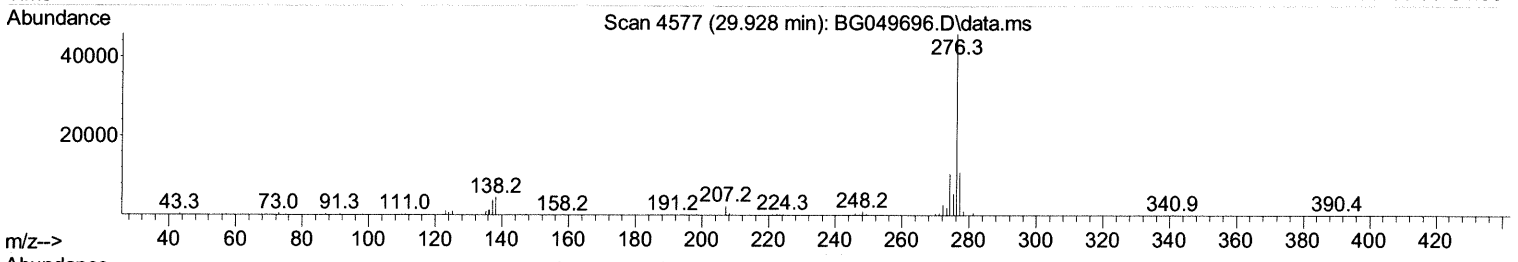
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

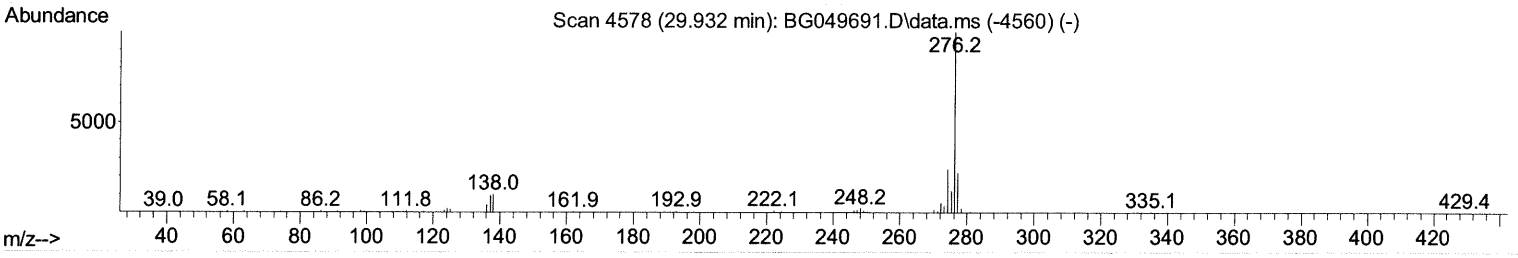
Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM







TIC: BG049696.D\data.ms

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

29.928min (+ 0.009) 21.45 ng/ul m 08/11/21 JU

response 226760

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	10.02
277.00	24.40	23.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM

Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	27810	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	115865	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.695	164	78915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	171293	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	160094	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	168385	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	5484	9.220	ng/uL	0.00
4) Pyridine-d5	3.851	84	37161	20.819	ng/ul	0.00
7) Phenol-d5	7.200	99	53110	21.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	29780	20.541	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	41434	22.937	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	42409	22.037	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	20900	22.899	ng/ul	0.00
24) 2-Nitrophenol-d4	9.937	143	24698	23.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	43872	22.322	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	55096	20.477	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	132112	21.333	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	155809	21.147	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	20502	20.476	ng/ul	0.00
60) Fluorene-d10	15.688	176	114526	21.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	21900	18.996	ng/ul	0.00
73) Anthracene-d10	17.545	188	176261	21.799	ng/ul	0.00
81) Pyrene-d10	19.830	212	196991	22.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.782	264	201159	21.802	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	6302m>	8.743	ng/uL>	08/11/21 JU
5) Pyridine	3.869	79	40646	20.539	ng/ul	96
6) Benzaldehyde	7.170	77	24223	18.008	ng/ul	96
8) Phenol	7.223	94	53662	21.461	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.452	93	38583	22.241	ng/ul#	87
12) 2-Chlorophenol	7.605	128	40708	22.534	ng/ul	92
13) 2-Methylphenol	8.486	108	42189	21.548	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.568	45	43503	21.942	ng/ul#	91
16) Acetophenone	8.868	105	69096	21.634	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.845	70	36131	21.042	ng/ul#	93
18) 4-Methylphenol	8.815	108	44726	21.866	ng/ul	95
19) Hexachloroethane	9.132	117	18281	22.818	ng/ul#	78
22) Nitrobenzene	9.256	77	62832	23.215	ng/ul	96
23) Isophorone	9.773	82	105580	23.068	ng/ul	96
25) 2-Nitrophenol	9.972	139	23881	22.368	ng/ul#	88
26) 2,4-Dimethylphenol	10.025	107	54425	22.089	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.260	93	53571	23.102	ng/ul	97
29) 2,4-Dichlorophenol	10.513	162	42595	22.913	ng/ul	92
30) Naphthalene	10.912	128	137411	22.710	ng/ul	98
32) 4-Chloroaniline	11.018	127	54295	21.088	ng/ul	89
33) Hexachlorobutadiene	11.194	225	34176	22.382	ng/ul	94
34) Caprolactam	11.776	113	12913m>	21.727	ng/ul>	08/11/21 JU
35) 4-Chloro-3-methylphenol	12.146	107	49815	23.123	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049696.D
Acq On : 7 Aug 2021 6:07
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 07 07:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:26 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	100343	21.658 ng/ul	99
37) 1-Methylnaphthalene	12.739	142	95354	21.150 ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.886	216	55529	22.657 ng/ul	97
40) Hexachlorocyclopentadiene	12.863	237	25414	17.581 ng/ul	93
41) 2,4,6-Trichlorophenol	13.127	196	35799	22.825 ng/ul#	95
42) 2,4,5-Trichlorophenol	13.203	196	37191	22.100 ng/ul	96
43) 1,1'-Biphenyl	13.526	154	131138	22.308 ng/ul	95
44) 2-Chloronaphthalene	13.568	162	107868	23.440 ng/ul	95
45) 2-Nitroaniline	13.773	65	37474	23.131 ng/ul	96
47) Dimethylphthalate	14.137	163	134394	21.863 ng/ul	97
48) 2,6-Dinitrotoluene	14.261	165	28815	22.952 ng/ul	96
50) Acenaphthylene	14.413	152	157879	22.711 ng/ul	98
51) 3-Nitroaniline	14.596	138	21727	19.440 ng/ul	82
52) Acenaphthene	14.754	153	113637	22.886 ng/ul	93
53) 2,4-Dinitrophenol	14.813	184	11682	16.889 ng/ul	94
55) 4-Nitrophenol	14.907	109	28611	21.850 ng/ul	95
56) Dibenzofuran	15.095	168	151698	22.023 ng/ul	97
57) 2,4-Dinitrotoluene	15.054	165	42274	23.345 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.318	232	33265	23.987 ng/ul#	93
59) Diethylphthalate	15.500	149	138336	22.320 ng/ul	97
61) Fluorene	15.741	166	125553	22.414 ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.729	204	69494	22.788 ng/ul	95
63) 4-Nitroaniline	15.759	138	24331	23.284 ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.823	198	21216	19.639 ng/ul#	98
67) N-Nitrosodiphenylamine	15.947	169	104123	22.055 ng/ul	95
68) 4-Bromophenyl-phenylether	16.628	248	44690	22.429 ng/ul	97
69) Hexachlorobenzene	16.752	284	52006	23.057 ng/ul	96
70) Atrazine	16.892	200	47216	22.735 ng/ul	97
71) Pentachlorophenol	17.098	266	24799	22.957 ng/ul	94
72) Phenanthrene	17.486	178	203383	22.433 ng/ul	98
74) Anthracene	17.580	178	203374	22.425 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.497	216	55978	22.249 ng/uL	98
76) Pentachlorobenzene	15.013	250	58015	21.864 ng/uL	97
77) Carbazole	17.844	167	174119	21.485 ng/ul	98
78) Di-n-butylphthalate	18.396	149	226539	22.863 ng/ul	98
80) Fluoranthene	19.495	202	252893	23.231 ng/ul#	98
82) Pyrene	19.859	202	250736	23.093 ng/ul	99
83) Butylbenzylphthalate	20.734	149	95072	22.976 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.616	252	74236	19.587 ng/ul	97
85) Benzo(a)anthracene	21.709	228	234001	22.262 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	136844	22.577 ng/ul	96
87) Chrysene	21.774	228	225160	22.936 ng/ul	99
89) Di-n-octyl phthalate	22.831	149	229656	21.865 ng/ul	100
90) Benzo(b)fluoranthene	23.965	252	242419	22.027 ng/ul	99
91) Benzo(k)fluoranthene	24.030	252	235317	21.534 ng/ul	98
93) Benzo(a)pyrene	24.852	252	217947	22.495 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.753	276	272878	21.462 ng/ul	96
95) Dibenzo(a,h)anthracene	28.823	278	232879	21.956 ng/ul	97
96) Benzo(g,h,i)perylene	29.928	276	226760m	21.447 ng/ul	08/11/21 JU

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED

mohammad
8/9/2021 12:10:26 PM