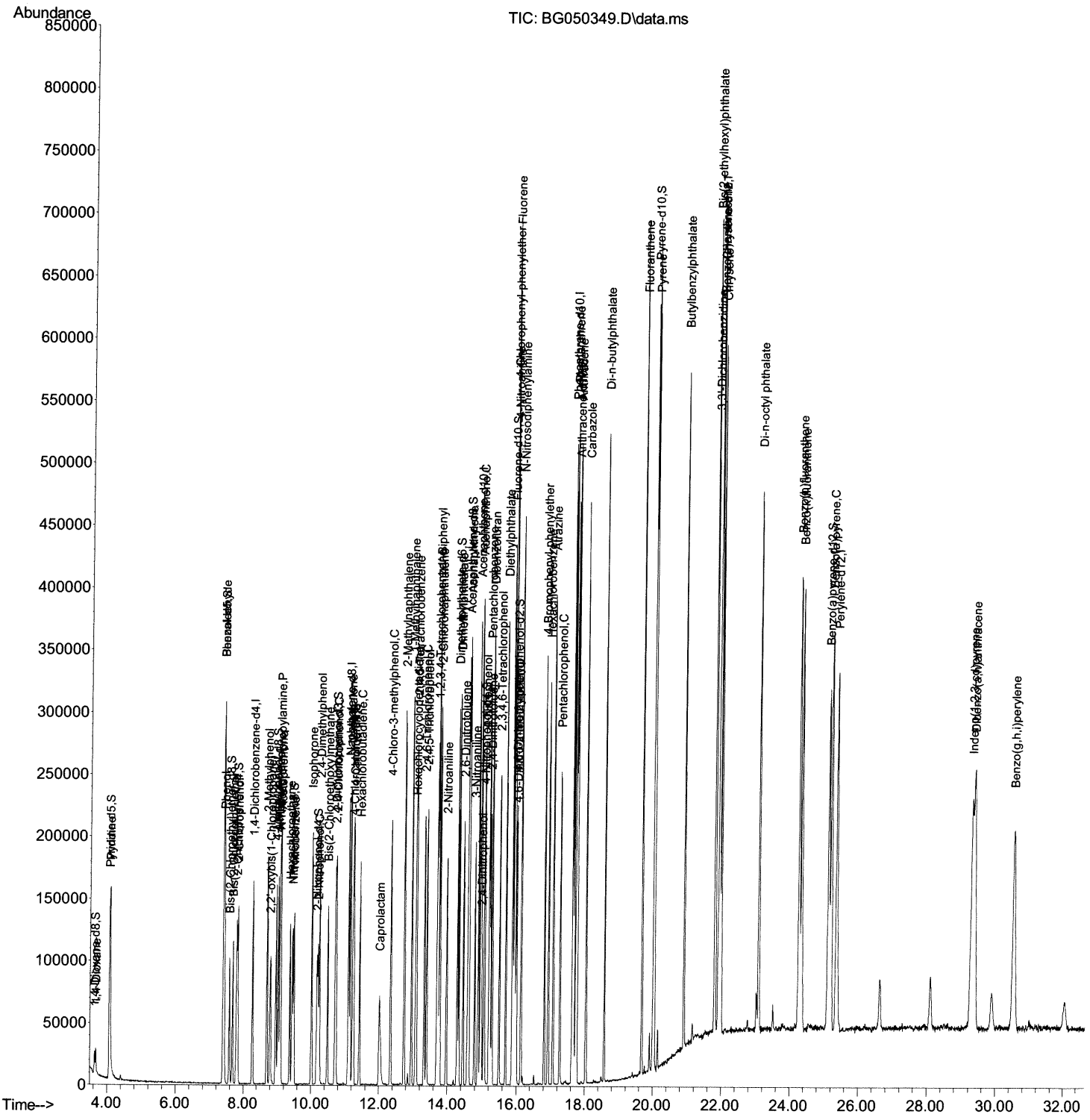
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 01 09:29:03 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
10/1/2021 11:30:39 AM



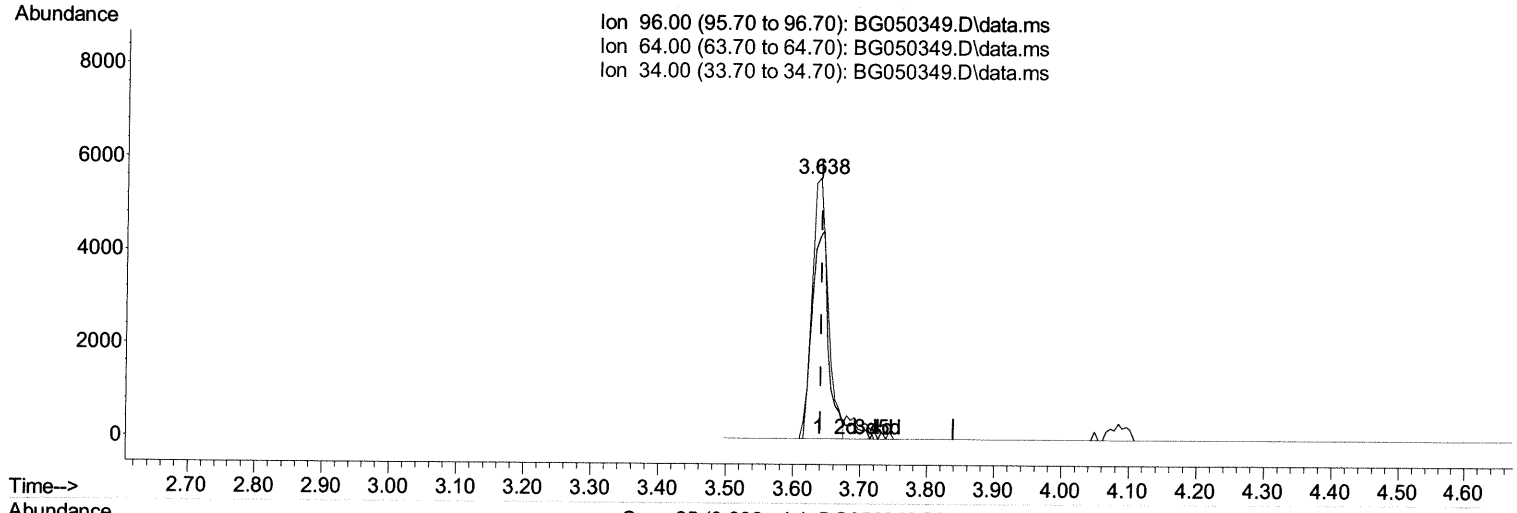
Quantitation Report (Qedit)

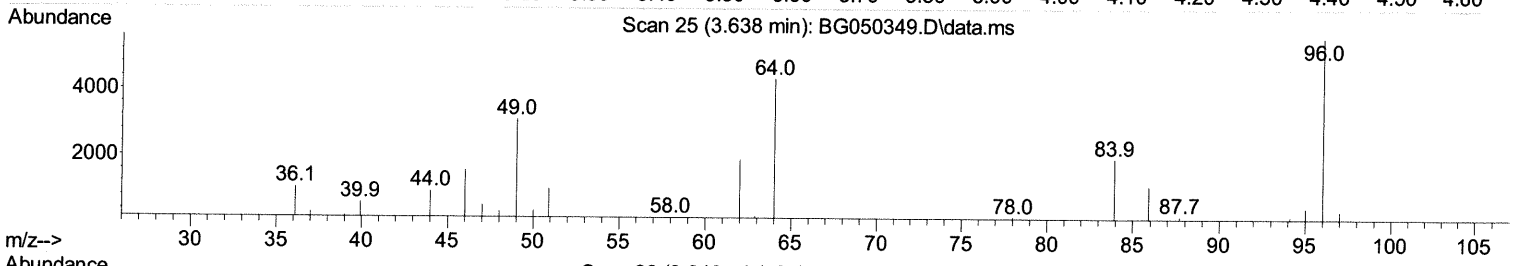
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

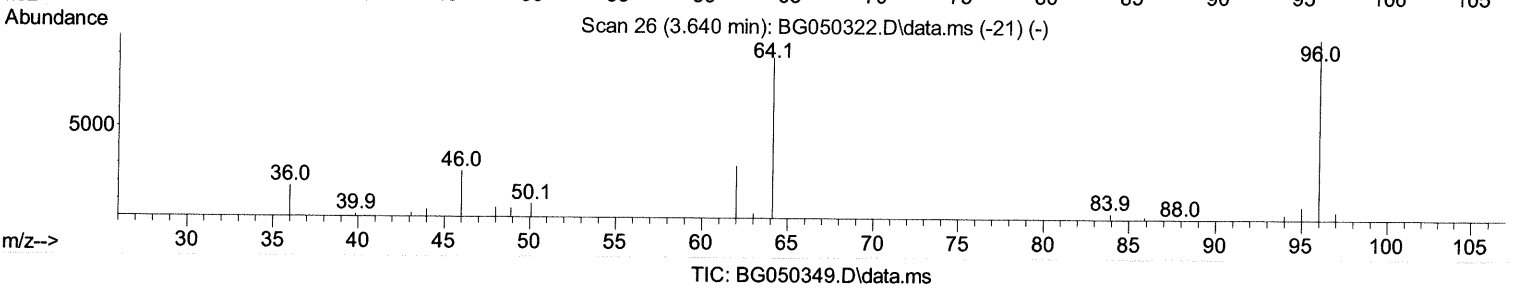
Quant Time: Oct 01 09:29:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:39 AM







TIC: BG050349.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.638min (-0.002) 7.71 ng/uL

response 9296

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	77.55
34.00	0.00	0.00
0.00	0.00	0.00

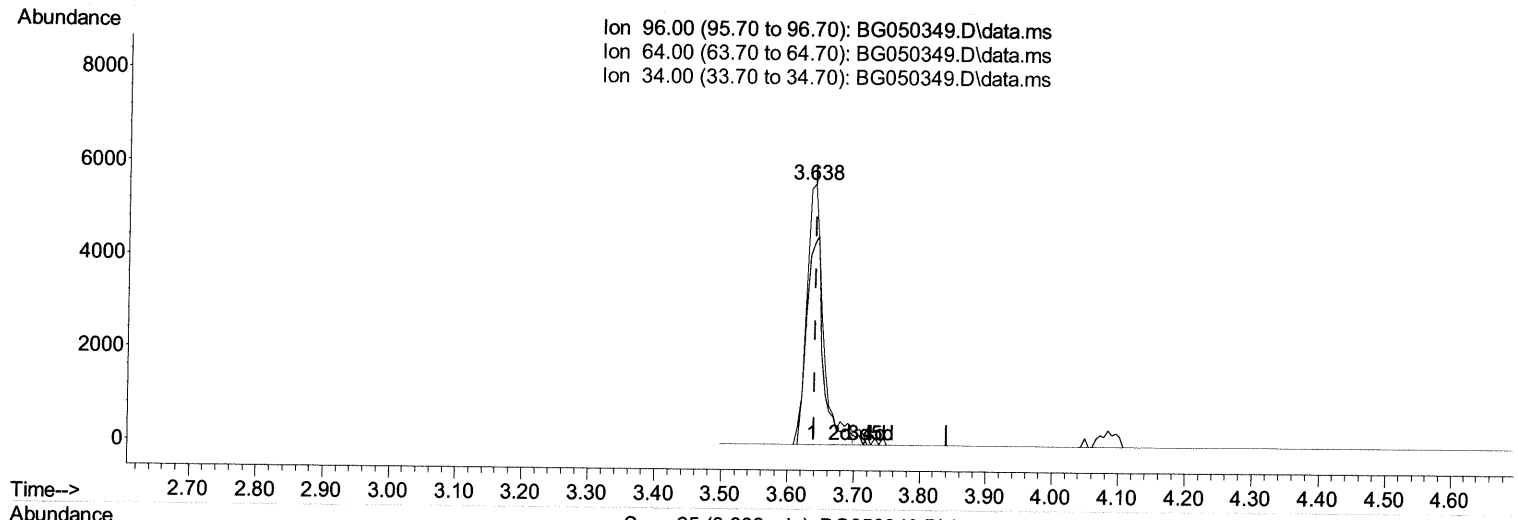
Quantitation Report (Qedit)

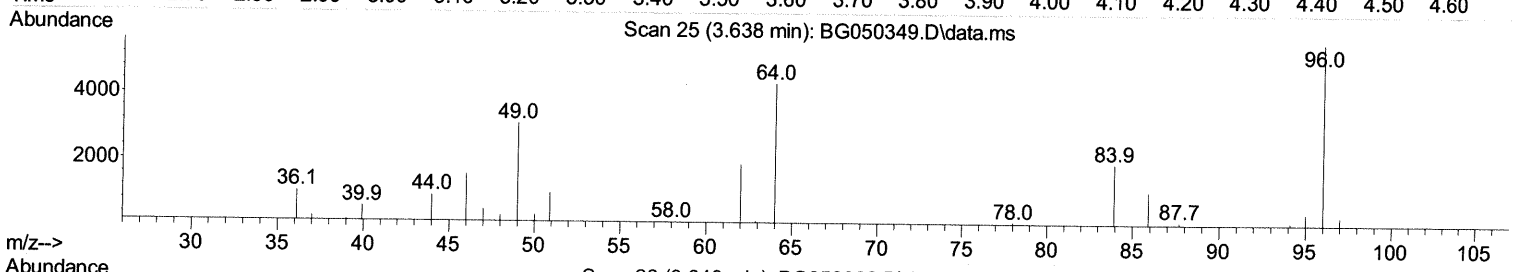
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

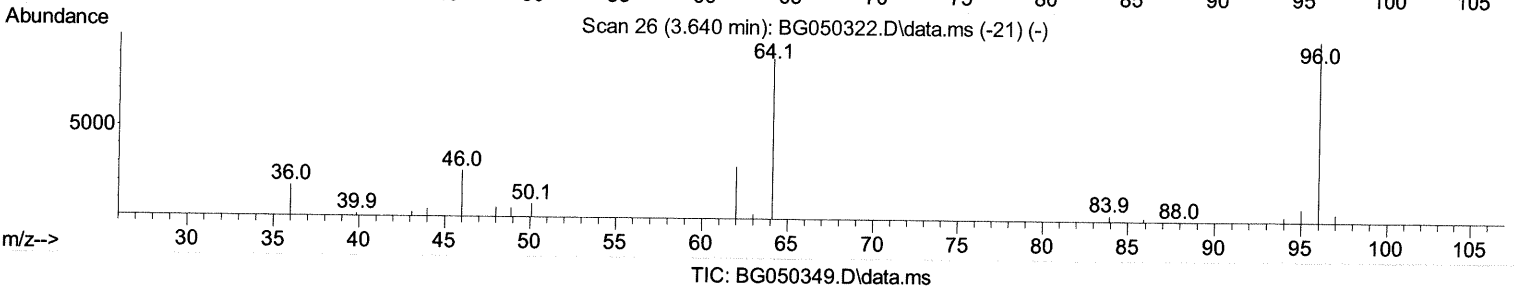
Quant Time: Oct 01 09:29:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:39 AM







TIC: BG050349.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.638min (-0.002) 8.18 ng/uL m 10/05/21 JU

response 9871

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	77.55
34.00	0.00	0.00
0.00	0.00	0.00

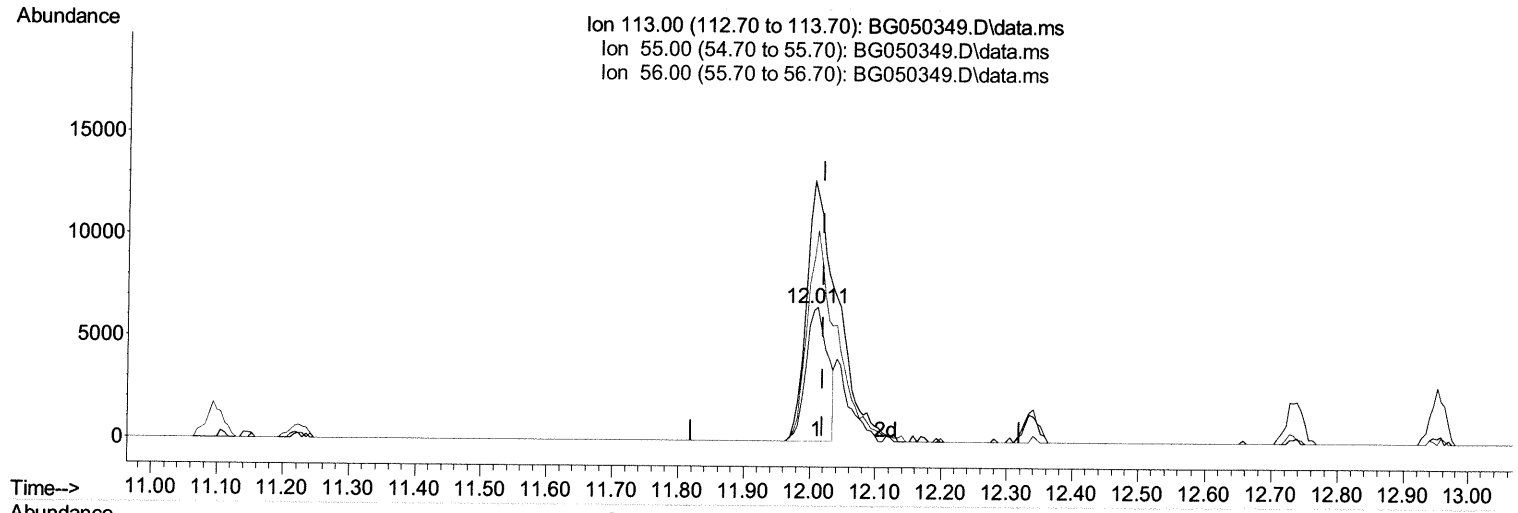
Quantitation Report (Qedit)

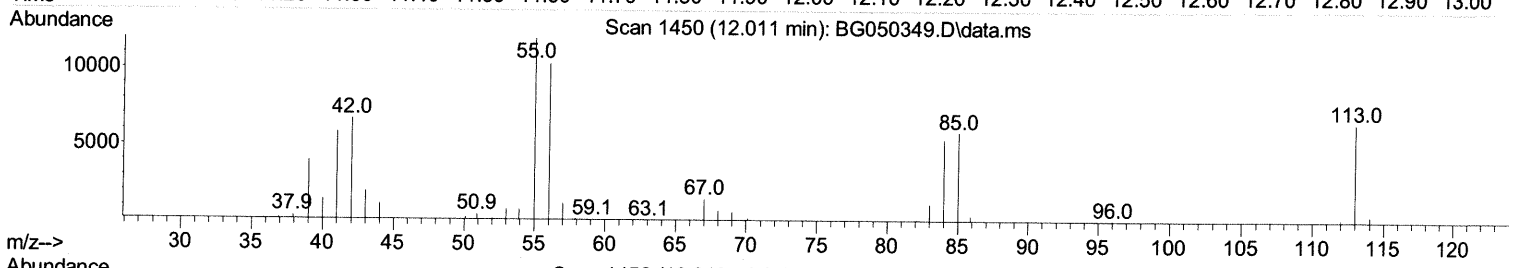
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

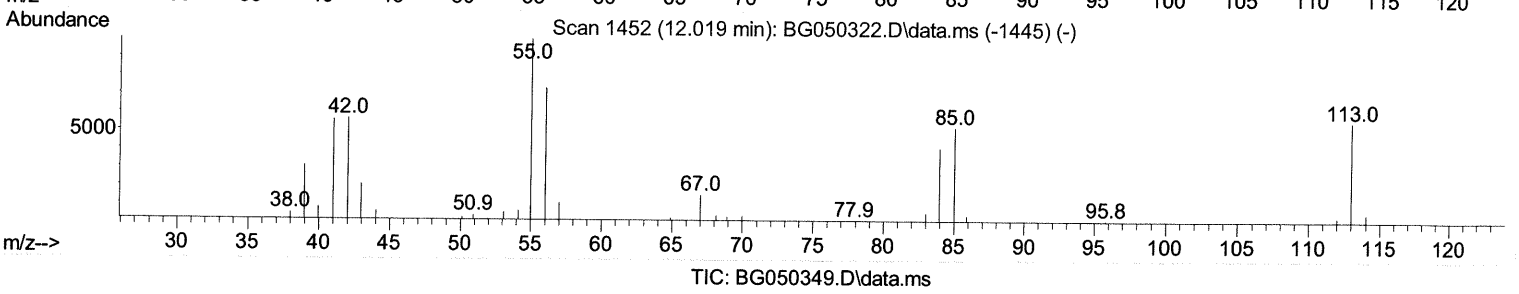
Quant Time: Oct 01 09:29:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:39 AM







TIC: BG050349.D\data.ms

(34) Caprolactam

12.011min (-0.008) 14.30 ng/ul

response 15205

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	183.10
56.00	132.30	157.75
0.00	0.00	0.00

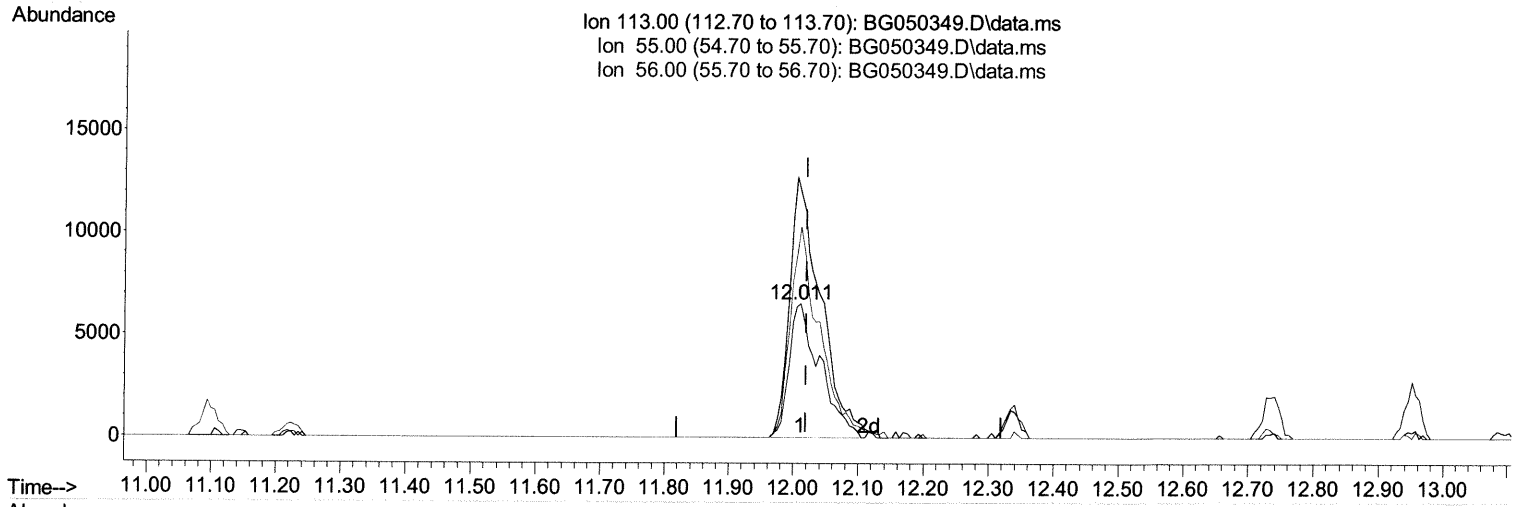
Quantitation Report (Qedit)

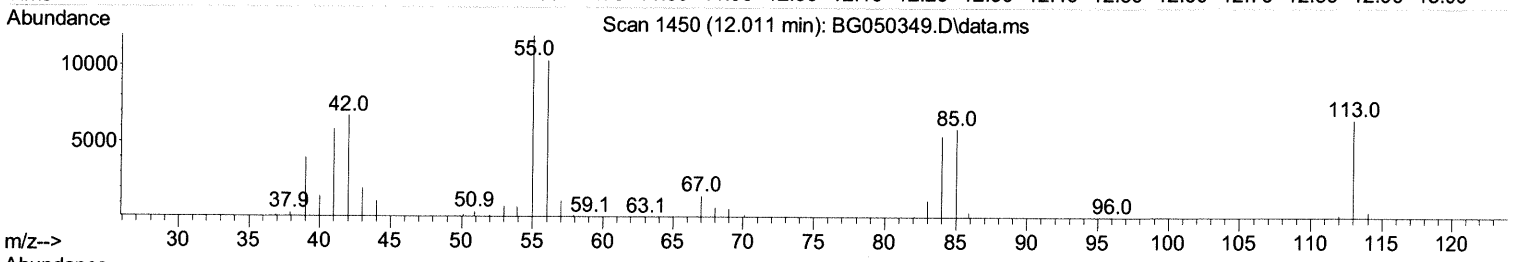
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

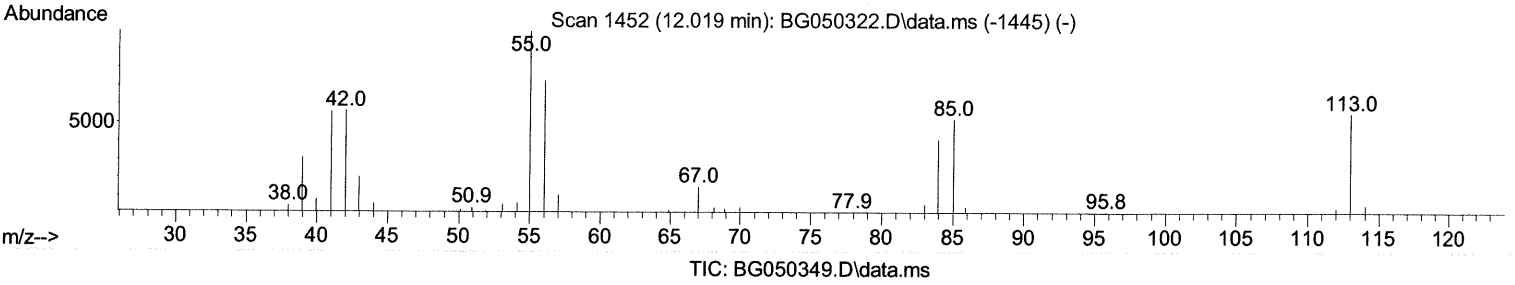
Quant Time: Oct 01 09:29:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:39 AM







(34) Caprolactam

12.011min (-0.008) 20.34 ng/ul m 10/03/21 JU

response 21629

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	183.10
56.00	132.30	157.75
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
10/1/2021 11:30:39 AM

Quant Time: Oct 01 09:29:03 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	44313	20.000	ng/ul	0.00
20) Naphthalene-d8	11.100	136	187522	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.889	164	134128	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.633	188	318689	20.000	ng/ul	0.00
79) Chrysene-d12	21.934	240	296614	20.000	ng/ul	-0.01
88) Perylene-d12	25.360	264	304672	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.638	96	9871m >	8.184	ng/uL>	0.00 10/05/21 JU
4) Pyridine-d5	4.061	84	72860	20.272	ng/ul	0.00
7) Phenol-d5	7.404	99	81380	21.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.586	67	52630	21.600	ng/ul	0.00
11) 2-Chlorophenol-d4	7.798	132	56436	20.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.961	113	61093	20.848	ng/ul	0.00
21) Nitrobenzene-d5	9.443	128	28829	21.976	ng/ul	0.00
24) 2-Nitrophenol-d4	10.166	143	29962	21.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.706	165	57925	20.835	ng/ul	0.00
31) 4-Chloroaniline-d4	11.223	131	82903	20.874	ng/ul	0.00
46) Dimethylphthalate-d6	14.284	166	192557	20.977	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	239058	20.737	ng/ul	0.00
54) 4-Nitrophenol-d4	15.048	143	36913	20.879	ng/ul	0.00
60) Fluorene-d10	15.877	176	173126	20.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	32625	20.525	ng/ul	0.00
73) Anthracene-d10	17.733	188	283118	21.029	ng/ul	0.00
81) Pyrene-d10	20.001	212	331606	21.025	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.119	264	318774	20.808	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	11145	7.637	ng/uL#	84
5) Pyridine	4.085	79	73189	20.104	ng/ul	99
6) Benzaldehyde	7.404	77	63624	24.918	ng/ul	94
8) Phenol	7.428	94	82922	20.896	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.680	93	65153	21.889	ng/ul	98
12) 2-Chlorophenol	7.827	128	58835	21.199	ng/ul	94
13) 2-Methylphenol	8.697	108	61312	20.965	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.791	45	98267	22.004	ng/ul	98
16) Acetophenone	9.102	105	100691	21.626	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.073	70	59569	21.289	ng/ul#	97
18) 4-Methylphenol	9.026	108	65493	21.146	ng/ul	95
19) Hexachloroethane	9.367	117	25234	21.155	ng/ul	97
22) Nitrobenzene	9.484	77	86328	21.957	ng/ul	95
23) Isophorone	10.007	82	156304	20.687	ng/ul	100
25) 2-Nitrophenol	10.201	139	31471	21.749	ng/ul	94
26) 2,4-Dimethylphenol	10.242	107	75351	20.978	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.489	93	84383	20.686	ng/ul	98
29) 2,4-Dichlorophenol	10.730	162	57542	20.905	ng/ul	97
30) Naphthalene	11.147	128	198522	20.620	ng/ul	99
32) 4-Chloroaniline	11.247	127	84714	21.186	ng/ul	96
33) Hexachlorobutadiene	11.423	225	39832	19.913	ng/ul	94
34) Caprolactam	12.011	113	21629m >	20.339	ng/ul >	10/05/21 JU
35) 4-Chloro-3-methylphenol	12.340	107	69697	21.477	ng/ul	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050349.D
Acq On : 1 Oct 2021 8:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 01 09:29:03 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
10/1/2021 11:30:39 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.733	142	134739	20.585	ng/ul	98
37) 1-Methylnaphthalene	12.951	142	138415	21.006	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.092	216	77871	20.118	ng/ul#	97
40) Hexachlorocyclopentadiene	13.068	237	49199	19.166	ng/ul	96
41) 2,4,6-Trichlorophenol	13.321	196	50995	20.902	ng/ul	91
42) 2,4,5-Trichlorophenol	13.391	196	56501	21.171	ng/ul	98
43) 1,1'-Biphenyl	13.726	154	186345	20.645	ng/ul	99
44) 2-Chloronaphthalene	13.773	162	143892	20.348	ng/ul	98
45) 2-Nitroaniline	13.967	65	54140	23.385	ng/ul	89
47) Dimethylphthalate	14.331	163	192665	20.861	ng/ul	99
48) 2,6-Dinitrotoluene	14.455	165	38349	22.074	ng/ul	96
50) Acenaphthylene	14.613	152	245609	21.004	ng/ul	97
51) 3-Nitroaniline	14.784	138	43018	22.763	ng/ul	88
52) Acenaphthene	14.954	153	159908	20.691	ng/ul	96
53) 2,4-Dinitrophenol	14.983	184	22114	20.421	ng/ul	92
55) 4-Nitrophenol	15.066	109	37500	21.450	ng/ul	95
56) Dibenzofuran	15.283	168	233084	20.737	ng/ul	97
57) 2,4-Dinitrotoluene	15.236	165	55358	21.944	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.501	232	47081	20.515	ng/ul	92
59) Diethylphthalate	15.689	149	204447	21.215	ng/ul	100
61) Fluorene	15.935	166	184480	20.630	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.918	204	101711	21.002	ng/ul	96
63) 4-Nitroaniline	15.941	138	42822	22.438	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.994	198	32692	20.806	ng/ul	94
67) N-Nitrosodiphenylamine	16.129	169	167955	20.844	ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	61102	20.593	ng/ul	96
69) Hexachlorobenzene	16.928	284	65510	20.967	ng/ul	99
70) Atrazine	17.069	200	70960	20.683	ng/ul	99
71) Pentachlorophenol	17.269	266	42080	20.566	ng/ul	98
72) Phenanthrene	17.674	178	331482	20.838	ng/ul	99
74) Anthracene	17.768	178	331556	21.045	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	85709	20.399	ng/uL	98
76) Pentachlorobenzene	15.201	250	79516	20.716	ng/uL	97
77) Carbazole	18.027	167	305612	21.672	ng/ul	99
78) Di-n-butylphthalate	18.573	149	361721	21.646	ng/ul	100
80) Fluoranthene	19.672	202	425090	21.462	ng/ul	99
82) Pyrene	20.031	202	415330	21.265	ng/ul	99
83) Butylbenzylphthalate	20.906	149	159584	22.167	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.817	252	132497	21.673	ng/ul	99
85) Benzo(a)anthracene	21.917	228	373263	20.874	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.799	149	223657	21.620	ng/ul	99
87) Chrysene	21.981	228	360111	21.014	ng/ul	99
89) Di-n-octyl phthalate	23.086	149	381433	21.788	ng/ul	100
90) Benzo(b)fluoranthene	24.261	252	385730	20.786	ng/ul	98
91) Benzo(k)fluoranthene	24.337	252	353206	20.454	ng/ul	99
93) Benzo(a)pyrene	25.201	252	363375	20.522	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.296	276	407873	20.517	ng/ul	99
95) Dibenzo(a,h)anthracene	29.367	278	348021	20.572	ng/ul	96
96) Benzo(g,h,i)perylene	30.518	276	338943	20.225	ng/ul	99

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