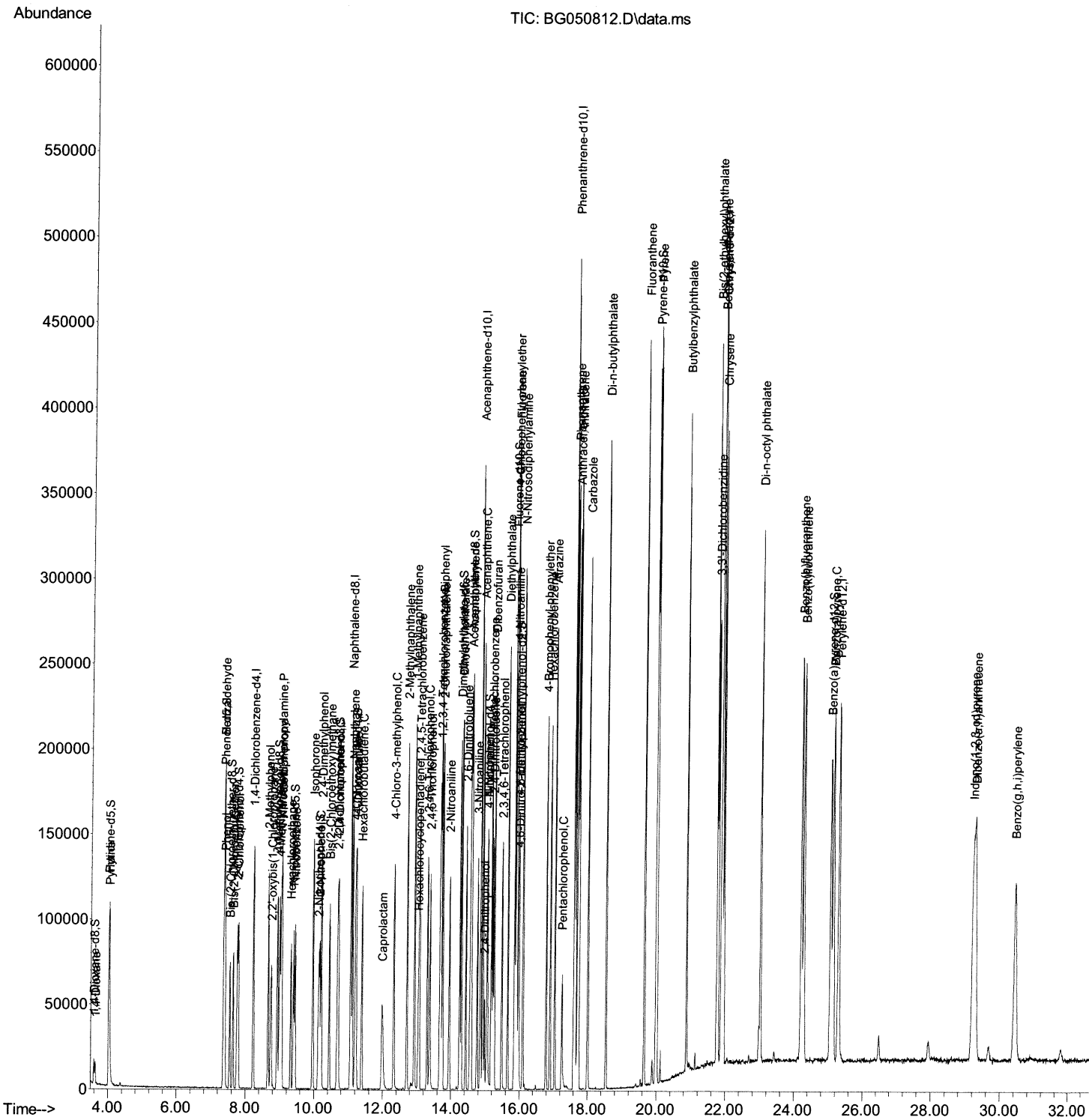Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050812.D
Acq On   : 2 Nov 2021 10:50
Operator : CG/JU
Sample   : SSTD02014
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Nov 02 12:12:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 11:39:14 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020414

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/02/2021
Supervised By :mohammad ahmed   11/08/2021

SFAM-EPA-BG110321.M Tue Nov 02 12:15:32 2021   Page: 4
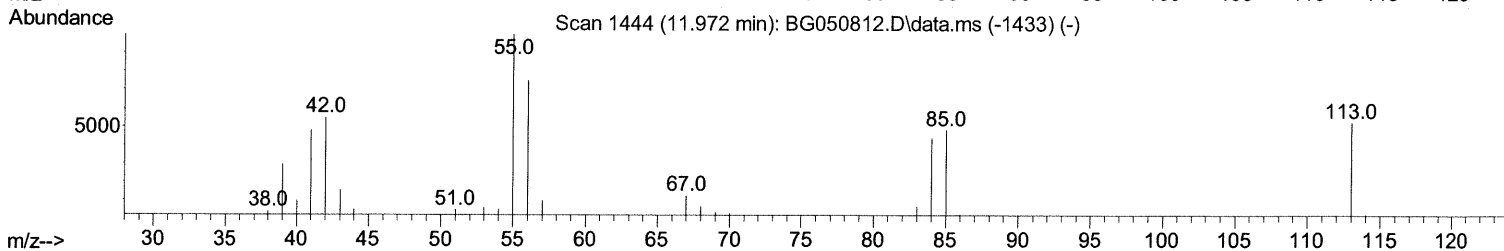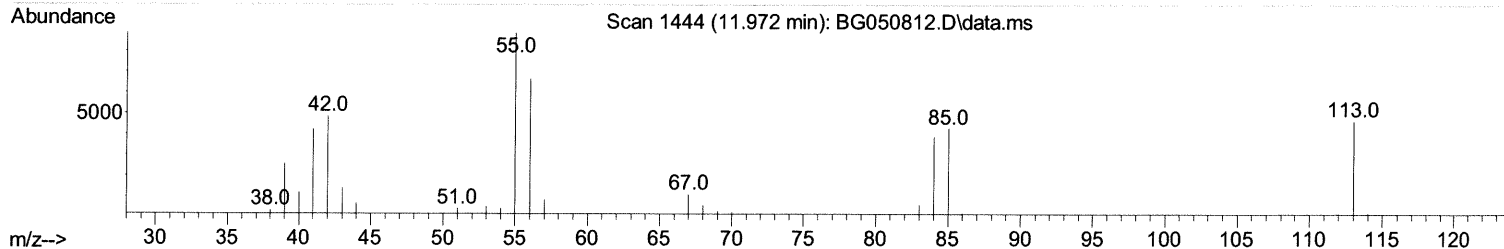
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050812.D
Acq On   : 2 Nov 2021 10:50
Operator : CG/JU
Sample   : SSTD02014
Misc   :
ALS Vial : 4   Sample Multiplier: 1

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Abundance

Ion 113.00 (112.70 to 113.70): BG050812.D\data.ms
Ion 55.00 (54.70 to 55.70): BG050812.D\data.ms
Ion 56.00 (55.70 to 56.70): BG050812.D\data.ms

11.972

Time-->
Abundance
Scan 1444 (11.972 min): BG050812.D\data.ms

55.0
42.0
38.0
51.0
67.0
85.0
113.0

m/z-->
Abundance
Scan 1444 (11.972 min): BG050812.D\data.ms (-1433) (-)

55.0
42.0
38.0
51.0
67.0
85.0
113.0

m/z-->
TIC: BG050812.D\data.ms

(34) Caprolactam

11.972min (0.000) 14.23 ng/ul

response   16568

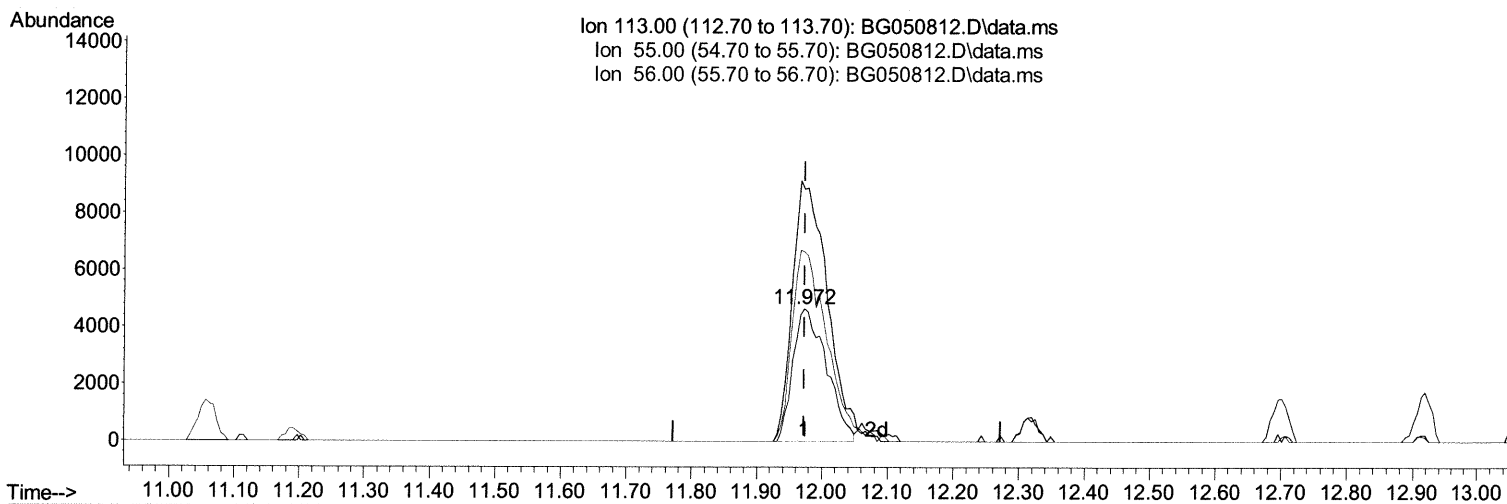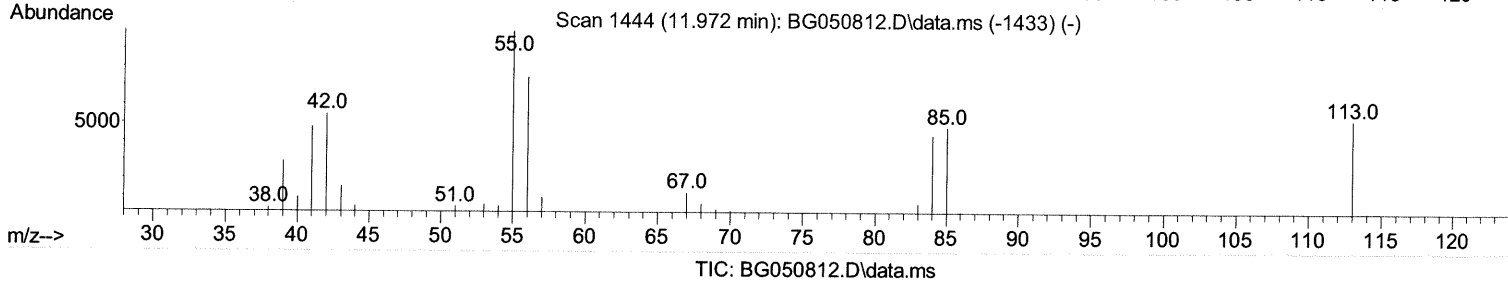| Ion	Exp%	Act%
113.00	100.00	100.00
55.00	190.30	190.27
56.00	142.90	142.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050812.D
Acq On   : 2 Nov 2021 10:50
Operator : CG/JU
Sample   : SSTD02014
Misc   :
ALS Vial : 4   Sample Multiplier: 1

Quant Time: Nov 02 12:12:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 11:39:14 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020414

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/02/2021
Supervised By :mohammad ahmed   11/08/2021

Abundance

Ion 113.00 (112.70 to 113.70): BG050812.D\data.ms
Ion 55.00 (54.70 to 55.70): BG050812.D\data.ms
Ion 56.00 (55.70 to 56.70): BG050812.D\data.ms

11.972

Time-->
Abundance
Scan 1444 (11.972 min): BG050812.D\data.ms

55.0
42.0
38.0
51.0
67.0
85.0
113.0

m/z-->
Abundance
Scan 1444 (11.972 min): BG050812.D\data.ms (-1433) (-)

55.0
42.0
38.0
51.0
67.0
85.0
113.0

m/z-->
TIC: BG050812.D\data.ms

(34) Caprolactam

11.972min (0.000) 14.70 ng/ul   m 11/04/21 JU

response   17111

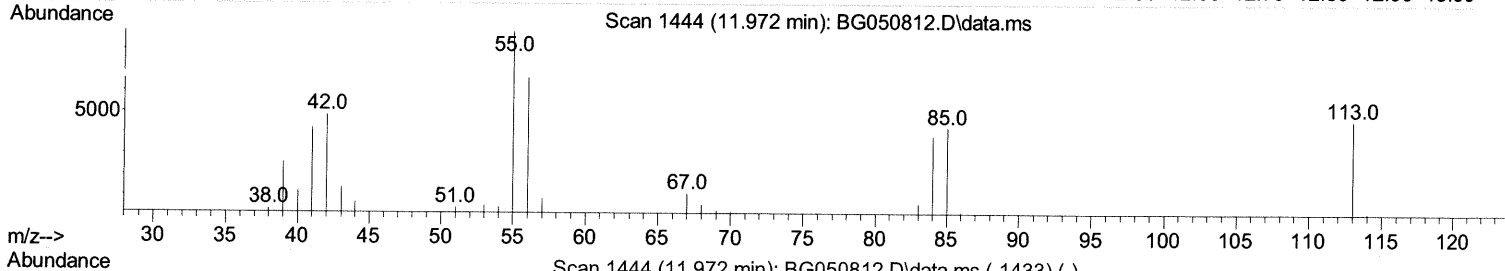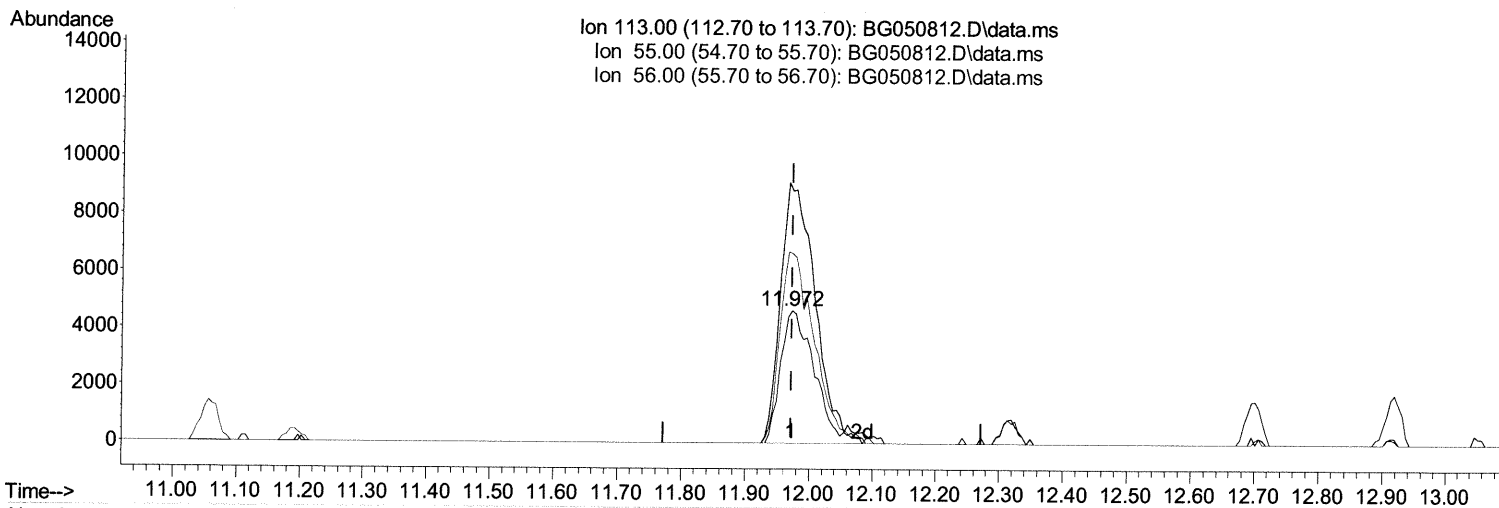| Ion	Exp%	Act%
113.00	100.00	100.00
55.00	190.30	190.27
56.00	142.90	142.86
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050812.D
Acq On    :  2 Nov 2021  10:50
Operator  : CG/JU
Sample    : SSTD02014
Misc      :
ALS Vial  : 4    Sample Multiplier: 1

Quant Time: Nov 02 12:12:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title  : SVOA CALIBRATION
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Response via : Initial Calibration
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	39201	20.000	ng/ul	0.00
20) Naphthalene-d8	11.062	136	188778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	128979	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.601	188	303012	20.000	ng/ul	0.00
79) Chrysene-d12	21.902	240	252850	20.000	ng/ul	0.00
88) Perylene-d12	25.304	264	214276	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	7390	6.579	ng/uL	0.00
4) Pyridine-d5	4.017	84	50772	15.166	ng/ul	0.00
7) Phenol-d5	7.378	99	56296	14.152	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	38702	15.153	ng/ul	0.00
11) 2-Chlorophenol-d4	7.760	132	41351	14.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	44649	14.361	ng/ul	0.00
21) Nitrobenzene-d5	9.405	128	22229	14.385	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	23821	13.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	40349	13.714	ng/ul	0.00
31) 4-Chloroaniline-d4	11.191	131	61103	14.190	ng/ul	0.00
46) Dimethylphthalate-d6	14.252	166	136786	14.244	ng/ul	0.00
49) Acenaphthylene-d8	14.558	160	167127	14.040	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	23392	13.549	ng/ul	0.00
60) Fluorene-d10	15.844	176	116825	13.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.962	200	22674	12.670	ng/ul	0.00
73) Anthracene-d10	17.701	188	192388	13.944	ng/ul	0.00
81) Pyrene-d10	19.975	212	231663	14.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	184942	16.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	7886	5.713	ng/uL	100
5) Pyridine	4.040	79	54408	15.317	ng/ul	100
6) Benzaldehyde	7.366	77	44773	17.220	ng/ul	100
8) Phenol	7.401	94	59579	14.682	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.642	93	45785	14.915	ng/ul	100
12) 2-Chlorophenol	7.789	128	42352	14.960	ng/ul	100
13) 2-Methylphenol	8.664	108	44225	14.675	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.758	45	71499	14.939	ng/ul	100
16) Acetophenone	9.058	105	70865	14.755	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.035	70	43814	14.843	ng/ul	100
18) 4-Methylphenol	8.999	108	45776	14.269	ng/ul	100
19) Hexachloroethane	9.322	117	17857	15.059	ng/ul	100
22) Nitrobenzene	9.446	77	61002	14.199	ng/ul	100
23) Isophorone	9.969	82	117043	13.986	ng/ul	100
25) 2-Nitrophenol	10.163	139	24659	14.051	ng/ul	100
26) 2,4-Dimethylphenol	10.210	107	54115	13.990	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.445	93	63842	14.091	ng/ul	100
29) 2,4-Dichlorophenol	10.697	162	40429	14.095	ng/ul	100
30) Naphthalene	11.109	128	139768	13.998	ng/ul	100
32) 4-Chloroaniline	11.214	127	60858	14.165	ng/ul	100
33) Hexachlorobutadiene	11.379	225	26058	13.521	ng/ul	100
34) Caprolactam	11.972	113	17111m >	14.697	ng/ul>	
35) 4-Chloro-3-methylphenol	12.319	107	50290	14.138	ng/ul	100

11/04/21 JU

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/02/2021
Supervised By :mohammad ahmed   11/08/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.701	142	95624	14.240	ng/ul	100
37) 1-Methylnaphthalene	12.918	142	96431	13.930	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.059	216	50669	13.801	ng/ul	100
40) Hexachlorocyclopentadiene	13.030	237	20345	11.682	ng/ul	100
41) 2,4,6-Trichlorophenol	13.294	196	33195	13.506	ng/ul	100
42) 2,4,5-Trichlorophenol	13.371	196	36078	13.925	ng/ul	100
43) 1,1'-Biphenyl	13.694	154	130514	14.293	ng/ul	100
44) 2-Chloronaphthalene	13.741	162	101406	14.221	ng/ul	100
45) 2-Nitroaniline	13.941	65	39921	14.255	ng/ul	100
47) Dimethylphthalate	14.299	163	137764	14.373	ng/ul	100
48) 2,6-Dinitrotoluene	14.428	165	28714	14.237	ng/ul	100
50) Acenaphthylene	14.581	152	170733	14.343	ng/ul	100
51) 3-Nitroaniline	14.757	138	32126	15.577	ng/ul	100
52) Acenaphthene	14.922	153	109270	14.014	ng/ul	100
53) 2,4-Dinitrophenol	14.969	184	12196	11.106	ng/ul	100
55) 4-Nitrophenol	15.057	109	22672	14.055	ng/ul	100
56) Dibenzofuran	15.251	168	158628	14.141	ng/ul	100
57) 2,4-Dinitrotoluene	15.216	165	40979	14.204	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.480	232	28800	13.795	ng/ul	100
59) Diethylphthalate	15.650	149	145850	14.053	ng/ul	100
61) Fluorene	15.903	166	124227	13.909	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.885	204	65086	13.839	ng/ul	100
63) 4-Nitroaniline	15.915	138	32628	15.810	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.979	198	22924	13.154	ng/ul	100
67) N-Nitrosodiphenylamine	16.097	169	113259	13.872	ng/ul	100
68) 4-Bromophenyl-phenylether	16.784	248	39033	13.356	ng/ul	100
69) Hexachlorobenzene	16.902	284	41681	13.765	ng/ul	100
70) Atrazine	17.037	200	48267	13.804	ng/ul	100
71) Pentachlorophenol	17.248	266	14973	10.841	ng/ul	100
72) Phenanthrene	17.648	178	216759	13.935	ng/ul	100
74) Anthracene	17.736	178	222544	14.318	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.664	216	54966	13.909	ng/uL	100
76) Pentachlorobenzene	15.174	250	49244	13.274	ng/uL	100
77) Carbazole	18.006	167	209384	14.813	ng/ul	100
78) Di-n-butylphthalate	18.535	149	269452	14.482	ng/ul	100
80) Fluoranthene	19.646	202	272440	14.481	ng/ul	100
82) Pyrene	20.004	202	272036	14.831	ng/ul	100
83) Butylbenzylphthalate	20.874	149	117056	15.109	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.784	252	89241	14.849	ng/ul	100
85) Benzo(a)anthracene	21.878	228	248045	14.891	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.749	149	167823	14.910	ng/ul	100
87) Chrysene	21.949	228	233658	14.613	ng/ul	100
89) Di-n-octyl phthalate	23.024	149	281191	17.324	ng/ul	100
90) Benzo(b)fluoranthene	24.211	252	235254	16.392	ng/ul	100
91) Benzo(k)fluoranthene	24.287	252	231262	16.935	ng/ul	100
93) Benzo(a)pyrene	25.139	252	229886	16.498	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.217	276	254434	16.391	ng/ul	100
95) Dibenzo(a,h)anthracene	29.281	278	214355	16.303	ng/ul	100
96) Benzo(g,h,i)perylene	30.439	276	211810	16.394	ng/ul	100

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