Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033354.D
Acq On   : 09 Dec 2021 12:05
Operator : CG/JU
Sample   : SSTD08015
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Dec 09 13:14:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

TIC: BM033354.D\data.ms

FAM-EPA-BM120921.M Thu Dec 09 13:16:42 2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033354.D
Acq On   : 09 Dec 2021 12:05
Operator : CG/JU
Sample   : SSTD08015
Misc   :
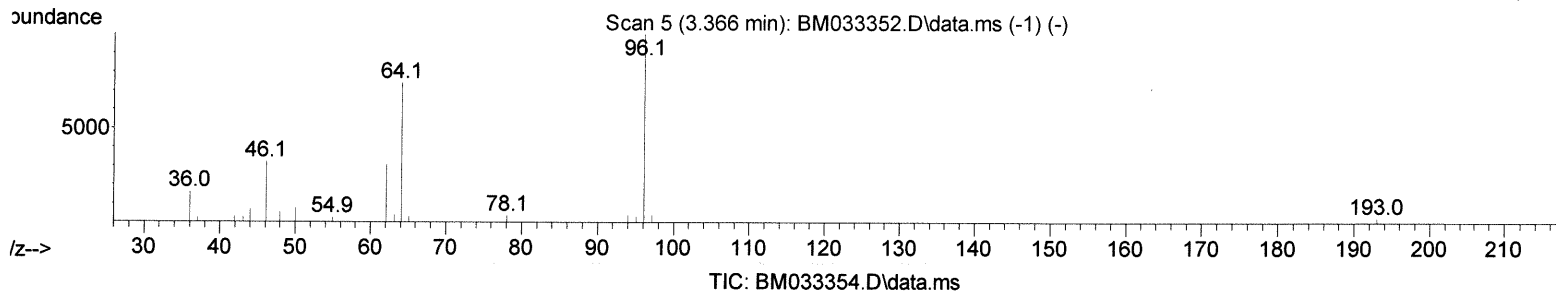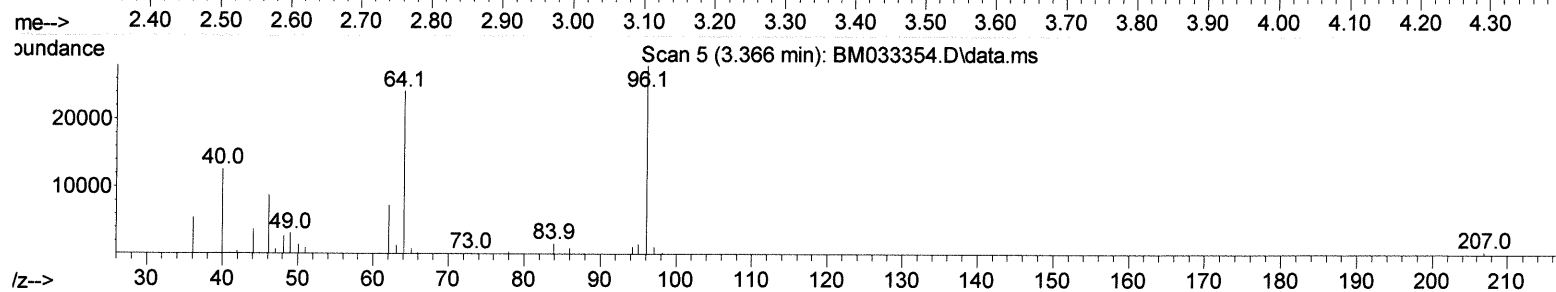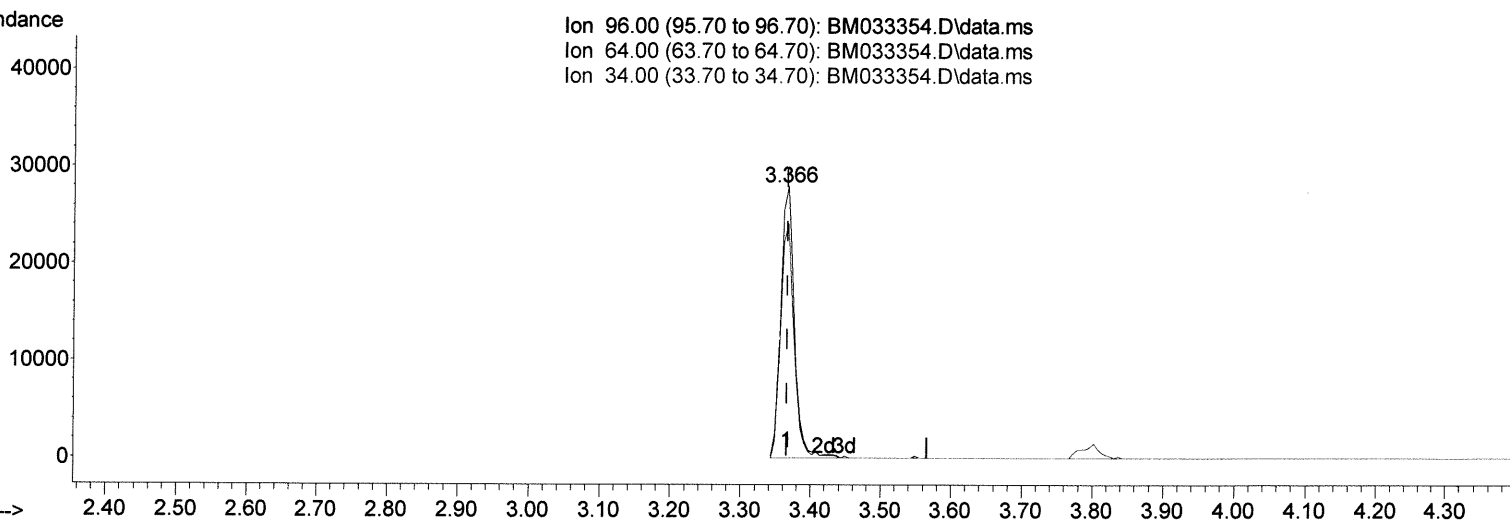ALS Vial : 7   Sample Multiplier: 1

Quant Time: Dec 09 13:14:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

Ion 96.00 (95.70 to 96.70): BM033354.D\data.ms
Ion 64.00 (63.70 to 64.70): BM033354.D\data.ms
Ion 34.00 (33.70 to 34.70): BM033354.D\data.ms

Scan 5 (3.366 min): BM033354.D\data.ms

Scan 5 (3.366 min): BM033352.D\data.ms (-1) (-)

TIC: BM033354.D\data.ms

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

3.366min (+ 0.000) 30.00 ng/uL

response   30073

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	86.51
34.00	0.00	0.00
0.00	0.00	0.00

Ion 96.00 (95.70 to 96.70): BM033354.D\data.ms
Ion 64.00 (63.70 to 64.70): BM033354.D\data.ms
Ion 34.00 (33.70 to 34.70): BM033354.D\data.ms

Scan 5 (3.366 min): BM033354.D\data.ms

Scan 5 (3.366 min): BM033352.D\data.ms (-1) (-)

TIC: BM033354.D\data.ms

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

3.366min (+ 0.000)   37.14 ng/uL m

response   37233

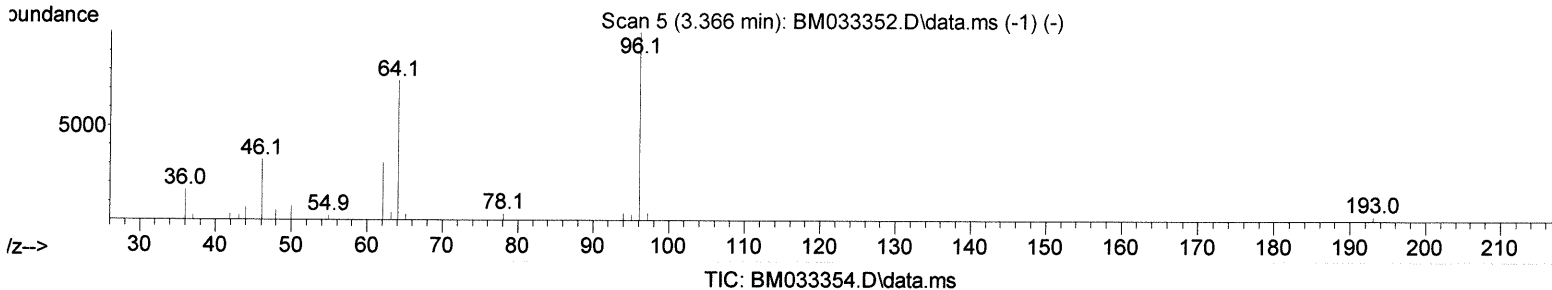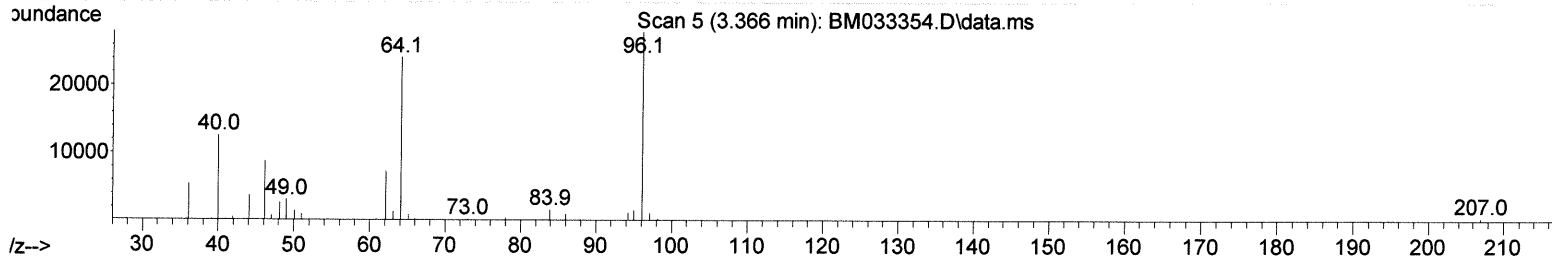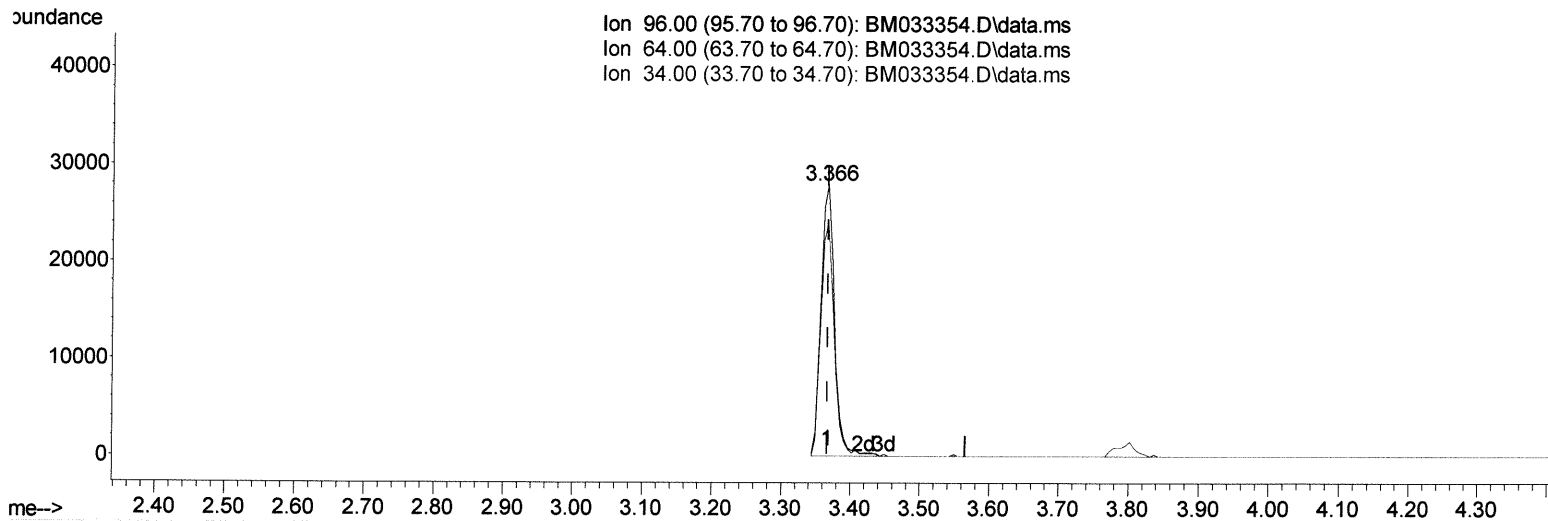| Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	86.51
34.00	0.00	0.00
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033354.D
Acq On    : 09 Dec 2021  12:05
Operator  : CG/JU
Sample    : SSTD08015
Misc      :
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Dec 09 13:14:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title  : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration
```

Ion 113.00 (112.70 to 113.70): BM033354.D\data.ms
Ion 55.00 (54.70 to 55.70): BM033354.D\data.ms
Ion 56.00 (55.70 to 56.70): BM033354.D\data.ms

Scan 1417 (11.672 min): BM033354.D\data.ms

Scan 1414 (11.654 min): BM033352.D\data.ms (-1405) (-)

TIC: BM033354.D\data.ms

```
(34)  Caprolactam

11.672min (+ 0.018)  68.31 ng/ul

response       55410

  Ion        Exp%      Act%

113.00      100.00    100.00

 55.00      197.40    216.56

 56.00      164.70    166.33

  0.00        0.00      0.00
```

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033354.D
Acq On   : 09 Dec 2021 12:05
Operator : CG/JU
Sample   : SSTD08015
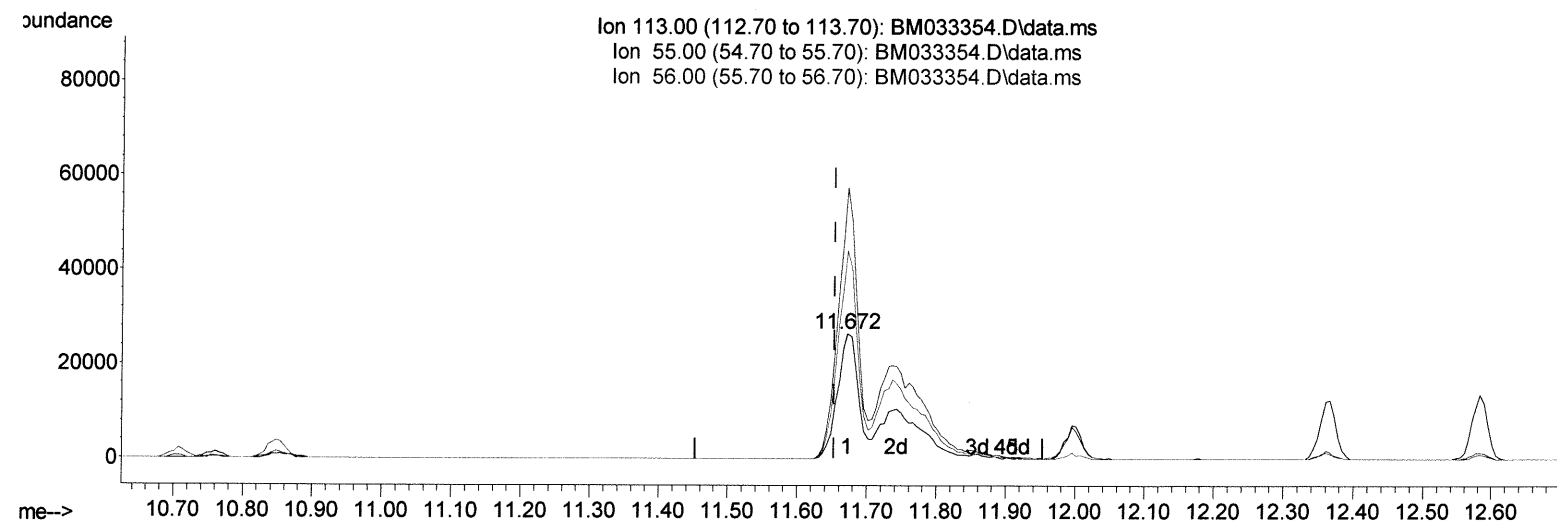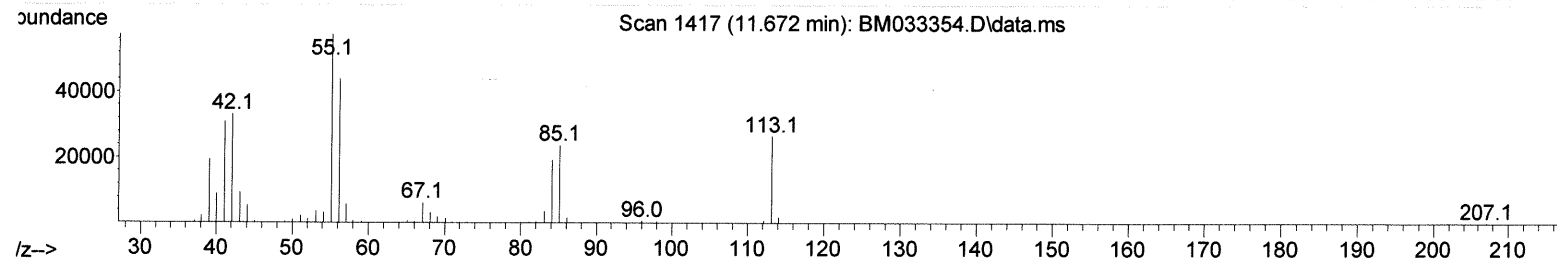Misc   :
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Dec 09 13:14:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
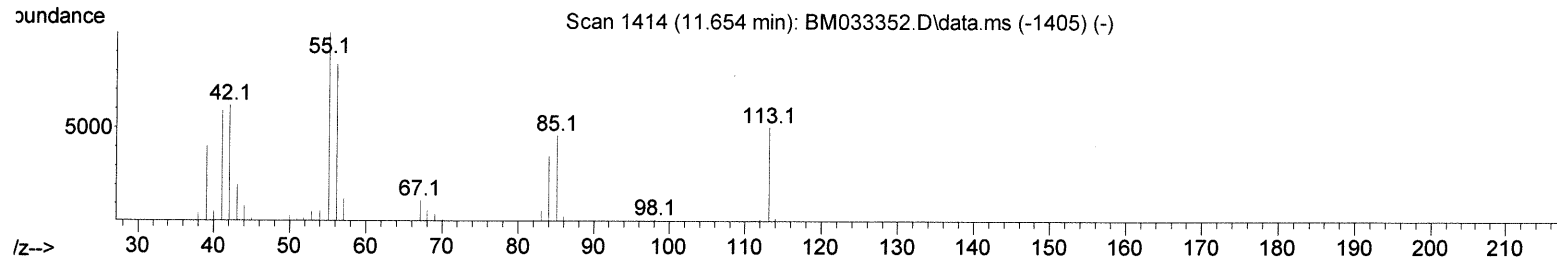Response via : Initial Calibration

Ion 113.00 (112.70 to 113.70): BM033354.D\data.ms
Ion 55.00 (54.70 to 55.70): BM033354.D\data.ms
Ion 56.00 (55.70 to 56.70): BM033354.D\data.ms

Scan 1417 (11.672 min): BM033354.D\data.ms

Scan 1414 (11.654 min): BM033352.D\data.ms (-1405) (-)

TIC: BM033354.D\data.ms

(34) Caprolactam

11.672min (+ 0.018)   122.30 ng/ul   m

response   99198

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	216.56
56.00	164.70	166.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033354.D
Acq On   : 09 Dec 2021 12:05
Operator : CG/JU
Sample   : SSTD08015
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Dec 09 13:14:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080015

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/10/2021
Supervised By :mohammad ahmed   12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	38651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	176700	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	128917	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	281594	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	284740	20.000	ng/ul	0.00
88) Perylene-d12	23.765	264	267067	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	37233m	37.137	ng/uL	0.00
4) Pyridine-d5	3.778	84	297561	107.747	ng/ul	0.00
7) Phenol-d5	7.084	99	370058	113.190	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	231016	111.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.449	132	270183	109.110	ng/ul	0.00
15) 4-Methylphenol-d8	8.625	113	291348	114.827	ng/ul	0.00
21) Nitrobenzene-d5	9.078	128	143694	113.266	ng/ul	0.00
24) 2-Nitrophenol-d4	9.795	143	160043	125.963	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.337	165	291939	100.337	ng/ul	0.00
31) 4-Chloroaniline-d4	10.848	131	407359	105.277	ng/ul	0.00
46) Dimethylphthalate-d6	13.948	166	929513	98.300	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	1172643	96.261	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	182263	118.332	ng/ul	0.00
60) Fluorene-d10	15.530	176	825352	97.300	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	177134	133.850	ng/ul	0.01
73) Anthracene-d10	17.377	188	1346304	99.183	ng/ul	0.00
81) Pyrene-d10	19.659	212	1581687	93.999	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.618	264	1434029	100.051	ng/ul	0.00

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
Target Compounds						
2) 1,4-Dioxane	3.402	88	39537	38.841	ng/uL	92
5) Pyridine	3.802	79	307888	109.254	ng/ul	92
6) Benzaldehyde	7.054	77	154205	82.760	ng/ul	98
8) Phenol	7.113	94	374507	115.030	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.337	93	276741	107.005	ng/ul	99
12) 2-Chlorophenol	7.478	128	277837	108.706	ng/ul	99
13) 2-Methylphenol	8.354	108	274841	110.200	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.437	45	472762	118.357	ng/ul	99
16) Acetophenone	8.743	105	475216	118.661	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.731	70	270492	125.357	ng/ul	99
18) 4-Methylphenol	8.690	108	301044	115.145	ng/ul	99
19) Hexachloroethane	8.990	117	130049	111.693	ng/ul#	89
22) Nitrobenzene	9.119	77	406231	114.739	ng/ul	99
23) Isophorone	9.648	82	722356	111.627	ng/ul	99
25) 2-Nitrophenol	9.825	139	165459	122.859	ng/ul	95
26) 2,4-Dimethylphenol	9.884	107	378796	107.051	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.119	93	394668	102.485	ng/ul	100
29) 2,4-Dichlorophenol	10.360	162	282836	100.248	ng/ul	93
30) Naphthalene	10.760	128	936563	99.675	ng/ul	98
32) 4-Chloroaniline	10.872	127	409346	104.721	ng/ul	99
33) Hexachlorobutadiene	11.031	225	193614	88.098	ng/ul	97
34) Caprolactam	11.672	113	99198m	122.296	ng/ul	
35) 4-Chloro-3-methylphenol	11.995	107	352823	114.841	ng/ul	92

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Quant Time: Dec 09 13:14:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.366	142	659280	101.265	ng/ul	99
37)	1-Methylnaphthalene	12.583	142	681275	102.509	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.731	216	356242	83.059	ng/ul	97
40)	Hexachlorocyclopentadiene	12.701	237	242215	80.257	ng/ul	99
41)	2,4,6-Trichlorophenol	12.972	196	236797	93.744	ng/ul	98
42)	2,4,5-Trichlorophenol	13.048	196	256901	94.846	ng/ul	95
43)	1,1'-Biphenyl	13.372	154	916026	91.197	ng/ul	99
44)	2-Chloronaphthalene	13.419	162	703323	90.797	ng/ul	100
45)	2-Nitroaniline	13.625	65	288256	141.185	ng/ul	98
47)	Dimethylphthalate	13.995	163	911753	98.930	ng/ul	99
48)	2,6-Dinitrotoluene	14.119	165	196854	124.840	ng/ul	96
50)	Acenaphthylene	14.260	152	1189838	96.250	ng/ul	99
51)	3-Nitroaniline	14.454	138	175845	110.678	ng/ul	96
52)	Acenaphthene	14.601	153	772588	95.805	ng/ul	98
53)	2,4-Dinitrophenol	14.654	184	122628	152.364	ng/ul	98
55)	4-Nitrophenol	14.772	109	190129	120.857	ng/ul	96
56)	Dibenzofuran	14.936	168	1124928	95.178	ng/ul	98
57)	2,4-Dinitrotoluene	14.907	165	291985	134.640	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.160	232	223042	100.883	ng/ul#	96
59)	Diethylphthalate	15.354	149	972857	105.391	ng/ul	100
61)	Fluorene	15.583	166	934430	99.466	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.577	204	457665	93.337	ng/ul	96
63)	4-Nitroaniline	15.619	138	166353	106.482	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.666	198	175398	132.238	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.789	169	801256	96.745	ng/ul	98
68)	4-Bromophenyl-phenylether	16.466	248	274005	87.501	ng/ul	97
69)	Hexachlorobenzene	16.577	284	307628	85.752	ng/ul	98
70)	Atrazine	16.742	200	322194	100.677	ng/ul	99
71)	Pentachlorophenol	16.924	266	196177	94.603	ng/ul	97
72)	Phenanthrene	17.318	178	1528447	97.989	ng/ul	99
74)	Anthracene	17.413	178	1572274	100.514	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.336	216	370669	80.139	ng/uL	98
76)	Pentachlorobenzene	14.854	250	371055	81.830	ng/uL	98
77)	Carbazole	17.683	167	1421066	102.263	ng/ul	99
78)	Di-n-butylphthalate	18.236	149	1741771	114.627	ng/ul	99
80)	Fluoranthene	19.324	202	1847588	93.726	ng/ul	99
82)	Pyrene	19.689	202	1885305	94.194	ng/ul	99
83)	Butylbenzylphthalate	20.577	149	833705	121.916	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.359	252	609013	94.938	ng/ul	98
85)	Benzo(a)anthracene	21.424	228	1790043	97.197	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.342	149	1191291	122.903	ng/ul	100
87)	Chrysene	21.477	228	1717123	95.476	ng/ul	99
89)	Di-n-octyl phthalate	22.242	149	2015016	123.827	ng/ul	100
90)	Benzo(b)fluoranthene	23.065	252	1850114	102.860	ng/ul	98
91)	Benzo(k)fluoranthene	23.112	252	1616346	98.098	ng/ul	99
93)	Benzo(a)pyrene	23.671	252	1715167	100.900	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.153	276	1837960	97.095	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.165	278	1595898	98.544	ng/ul	99
96)	Benzo(g,h,i)perylene	26.883	276	1566875	95.368	ng/ul	99

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

Instrument : BNA_M
ClientSampleId : SSTD080015

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/10/2021
Supervised By :mohammad ahmed   12/15/2021