Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

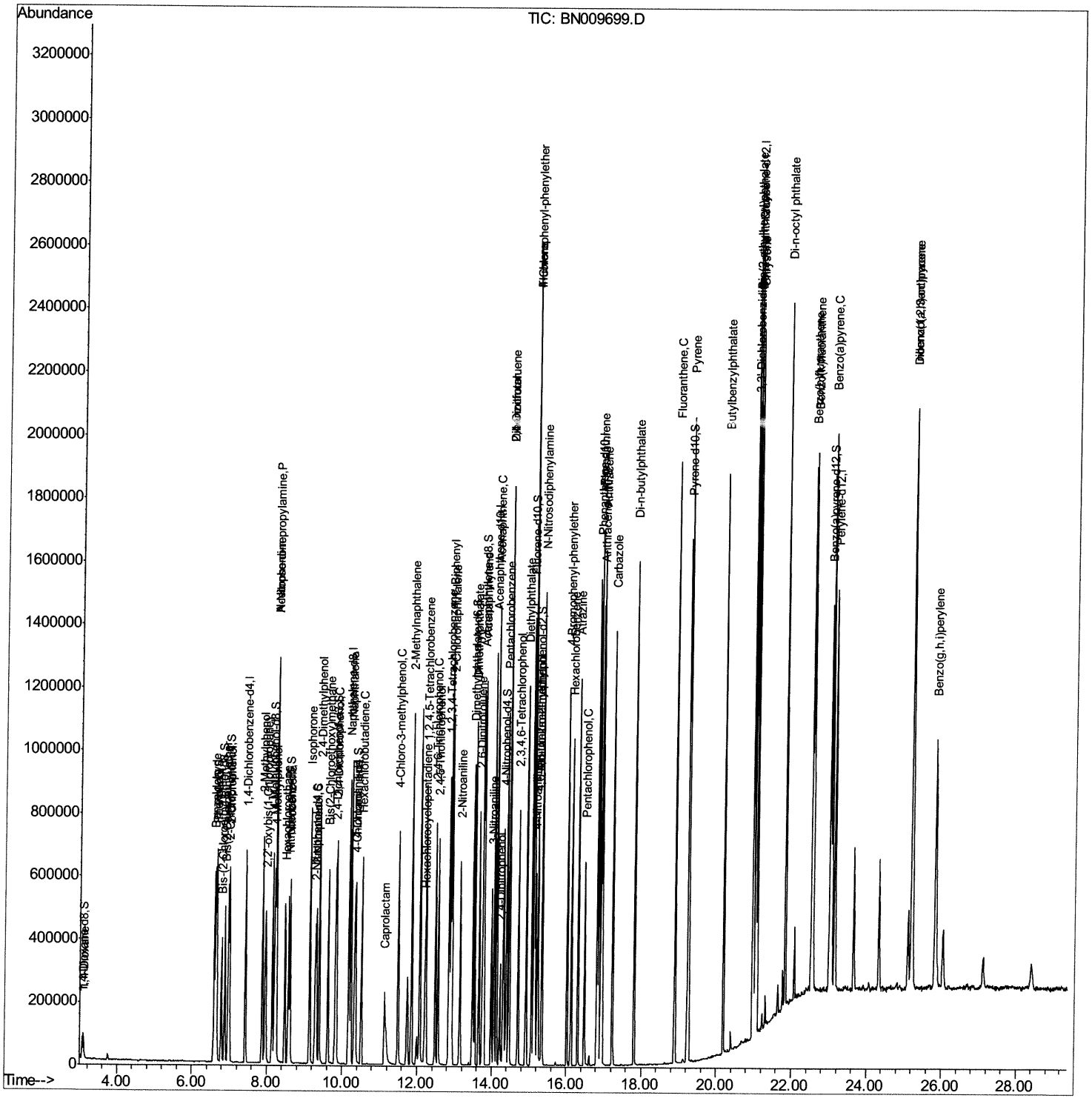
Quantitation Report (QT Reviewed)

Data File : BN009699.D
Acq On : 10 Feb 2020 23:23
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 11 07:26:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 02:54:44 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:50 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

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Acq On : 10 Feb 2020 23:23
Operator : CG/JU
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Misc :
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Quant Time: Feb 11 07:26:09 2020
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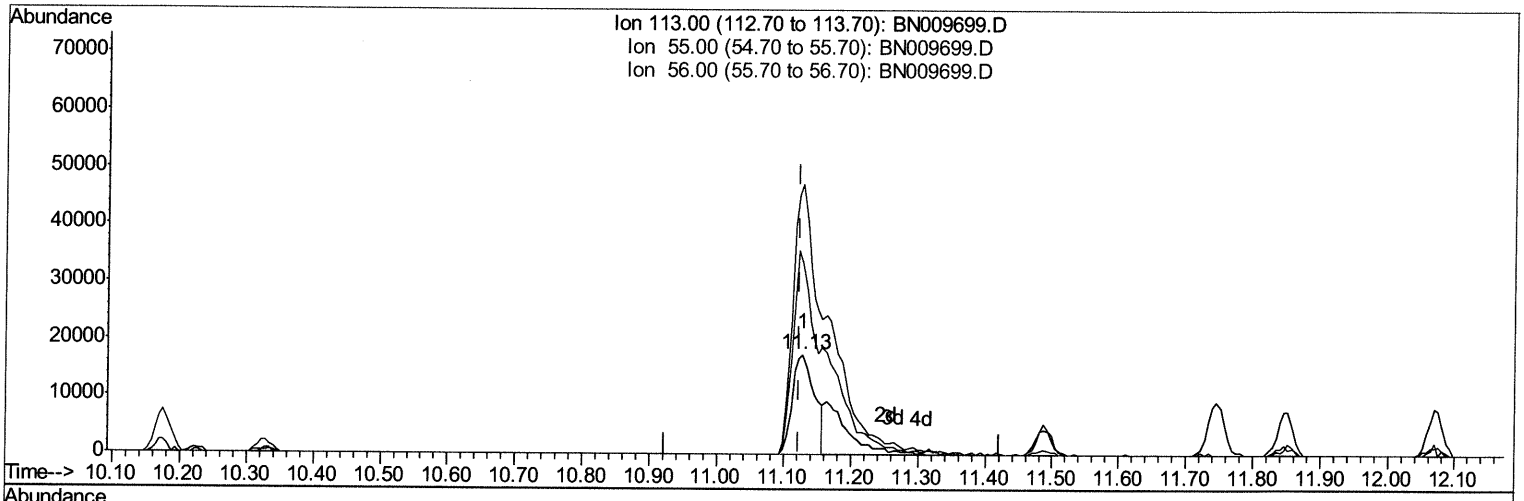

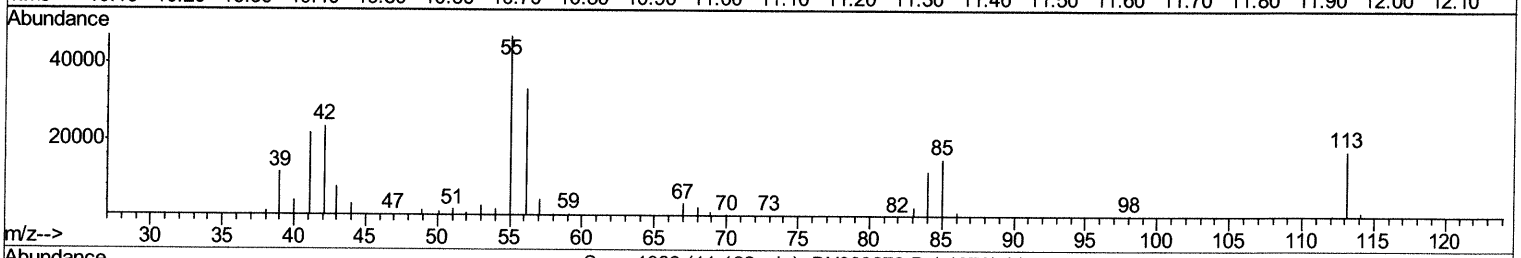

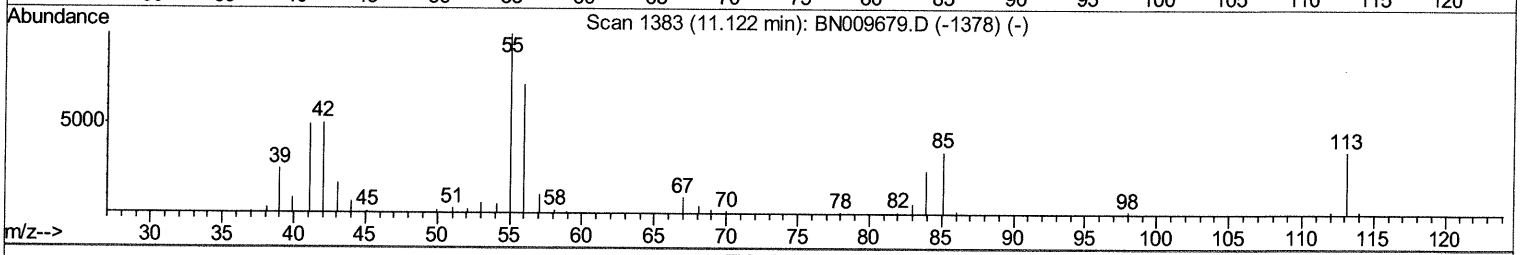

TIC: BN009699.D

(32) Caprolactam

11.128min (+0.006) 11.88ng/ul

response 40672

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	271.38
56.00	199.10	192.67
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

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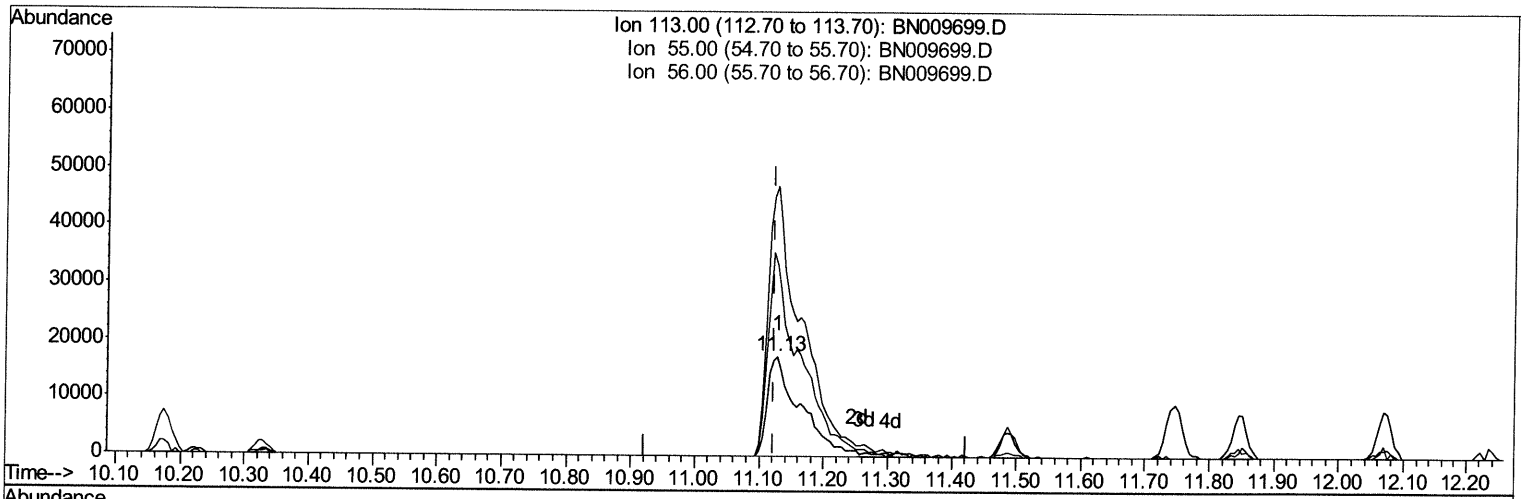
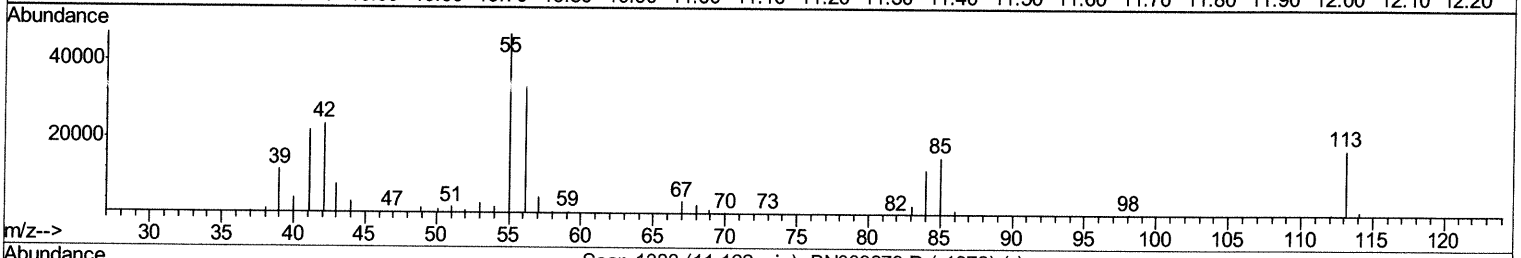
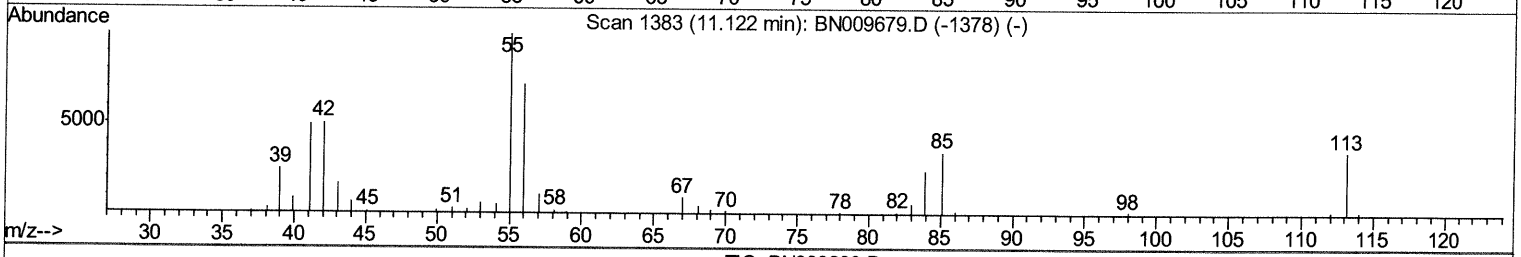
Manual Integrations APPROVED
mohammad
2/12/2020 9:51:50 AM







TIC: BN009699.D

(32) Caprolactam

11.128min (+0.006) 18.23ng/ul m JU 02/14/20

response 62398

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	271.38
56.00	199.10	192.67
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (QT Reviewed)

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Instrument : BNA_N
LabSampleId : SSTD02066

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Quant Time: Feb 11 07:26:46 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 11 02:54:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	154476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	647096	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	407857	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	836086	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	748269	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	796545	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	28470	7.56	ng/uL	0.00
5) Phenol-d5	6.63	99	260331	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	177693	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	199837	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	207018	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	98029	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	108553	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	200232	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	216578	20.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	571110	19.18	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	717097	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	101289	18.01	ng/ul	0.00
57) Fluorene-d10	15.07	176	501740	19.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	92757	17.76	ng/ul	0.00
70) Anthracene-d10	16.92	188	757138	19.93	ng/ul	0.00
78) Pyrene-d10	19.23	212	789266	20.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	805904	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	32761	7.628	ng/uL	95
4) Benzaldehyde	6.59	77	189030	20.449	ng/ul	97
6) Phenol	6.65	94	279817	19.434	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.88	93	218709	19.474	ng/ul	98
10) 2-Chlorophenol	7.00	128	211569	20.563	ng/ul	97
11) 2-Methylphenol	7.88	108	206249	19.386	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	512850	19.087	ng/ul	98
14) Acetophenone	8.25	105	327307	19.065	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.23	70	182424	20.065	ng/ul	97
16) 4-Methylphenol	8.20	108	220183	18.887	ng/ul	93
17) Hexachloroethane	8.48	117	93091	19.962	ng/ul	92
20) Nitrobenzene	8.61	77	277604	20.087	ng/ul	97
21) Isophorone	9.13	82	493962	19.866	ng/ul	99
23) 2-Nitrophenol	9.31	139	118295	20.223	ng/ul	96
24) 2,4-Dimethylphenol	9.39	107	252510	19.877	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	298126	19.726	ng/ul	96
27) 2,4-Dichlorophenol	9.84	162	204977	20.077	ng/ul	96
28) Naphthalene	10.22	128	687651	19.596	ng/ul	99
30) 4-Chloroaniline	10.35	127	218796	19.587	ng/ul	97
31) Hexachlorobutadiene	10.51	225	125238	19.210	ng/ul	96
32) Caprolactam	11.13	113	62398m >	18.232	ng/ul >	JU02/14/27
33) 4-Chloro-3-methylphenol	11.49	107	232545	19.537	ng/ul	96
34) 2-Methylnaphthalene	11.85	142	480172	19.553	ng/ul	99

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Manual Integrations APPROVED
mohammad
2/12/2020 9:51:50 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	242672	20.448 ng/ul	94
37) Hexachlorocyclopentadiene	12.20	237	75550	11.697 ng/ul#	94
38) 2,4,6-Trichlorophenol	12.49	196	156594	20.266 ng/ul	98
39) 2,4,5-Trichlorophenol	12.56	196	165709	19.586 ng/ul	97
40) 1,1'-Biphenyl	12.89	154	617241	19.437 ng/ul	97
41) 2-Chloronaphthalene	12.92	162	481231	19.297 ng/ul	98
42) 2-Nitroaniline	13.15	65	181899	20.182 ng/ul	97
44) Dimethylphthalate	13.54	163	607925	19.240 ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	122482	19.853 ng/ul	98
47) Acenaphthylene	13.78	152	776706	19.729 ng/ul	98
48) 3-Nitroaniline	13.99	138	110208	19.673 ng/ul	96
49) Acenaphthene	14.13	153	515768	19.271 ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	58255	15.301 ng/ul	95
52) 4-Nitrophenol	14.32	109	88671	17.625 ng/ul	90
53) Dibenzofuran	14.47	168	719941	19.317 ng/ul	100
54) 2,4-Dinitrotoluene	14.46	165	183035	20.228 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.71	232	141159	19.648 ng/ul#	98
56) Diethylphthalate	14.92	149	613159	19.396 ng/ul	97
58) Fluorene	15.12	166	595987	19.135 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.13	204	289481	19.134 ng/ul	93
60) 4-Nitroaniline	15.16	138	121970	17.101 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.24	198	100429	17.813 ng/ul#	95
64) N-Nitrosodiphenylamine	15.35	169	497135	19.895 ng/ul	98
65) 4-Bromophenyl-phenylether	16.02	248	171365	20.800 ng/ul	99
66) Hexachlorobenzene	16.13	284	181183	20.062 ng/ul	97
67) Atrazine	16.32	200	176522	19.261 ng/ul	95
68) Pentachlorophenol	16.49	266	99388	18.242 ng/ul	98
69) Phenanthrene	16.86	178	922106	19.339 ng/ul	100
71) Anthracene	16.96	178	951009	19.657 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	256065	20.944 ng/uL	97
73) Pentachlorobenzene	14.39	250	239443	20.291 ng/uL	99
74) Carbazole	17.23	167	830110	19.706 ng/ul	98
75) Di-n-butylphthalate	17.82	149	1037088	20.085 ng/ul	99
76) Fluoranthene	18.89	202	1081876	19.880 ng/ul	99
79) Pyrene	19.26	202	1084968	19.863 ng/ul	99
80) Butylbenzylphthalate	20.19	149	462978	21.155 ng/ul	97
81) 3,3'-Dichlorobenzidine	20.96	252	316671	19.776 ng/ul	99
82) Benzo(a)anthracene	21.02	228	1025552	19.850 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.97	149	670401	20.330 ng/ul	100
84) Chrysene	21.07	228	968881	18.838 ng/ul	99
86) Di-n-octyl phthalate	21.83	149	1145230	19.490 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	990217	19.869 ng/ul	99
88) Benzo(k)fluoranthene	22.57	252	999645	20.368 ng/ul	98
90) Benzo(a)pyrene	23.06	252	900043	19.493 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.20	276	1076157	19.604 ng/ul	96
92) Dibenzo(a,h)anthracene	25.22	278	916278	19.829 ng/ul	97
93) Benzo(g,h,i)perylene	25.83	276	878882	19.103 ng/ul	95

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