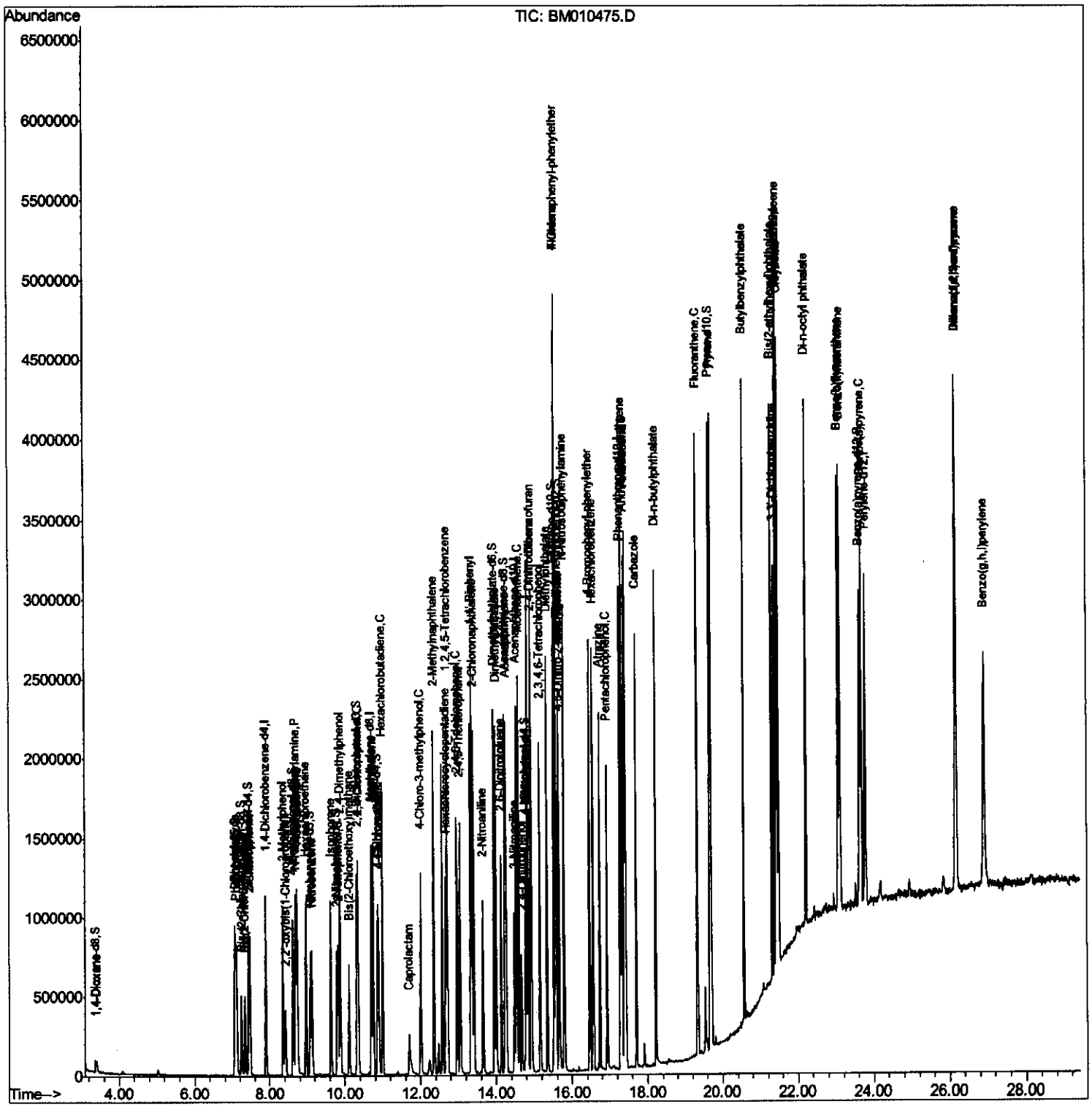
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010475.D
Acq On : 10 Jun 2017 04:03
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 06:30:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02021

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:39 AM



Quantitation Report (Qedit)

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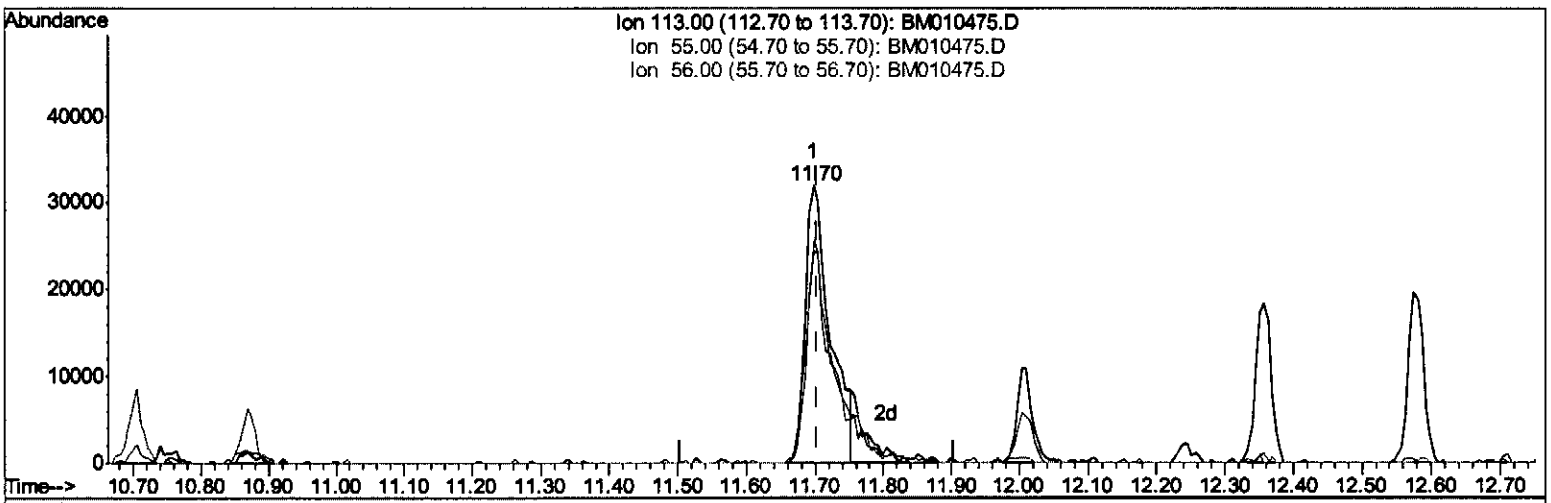

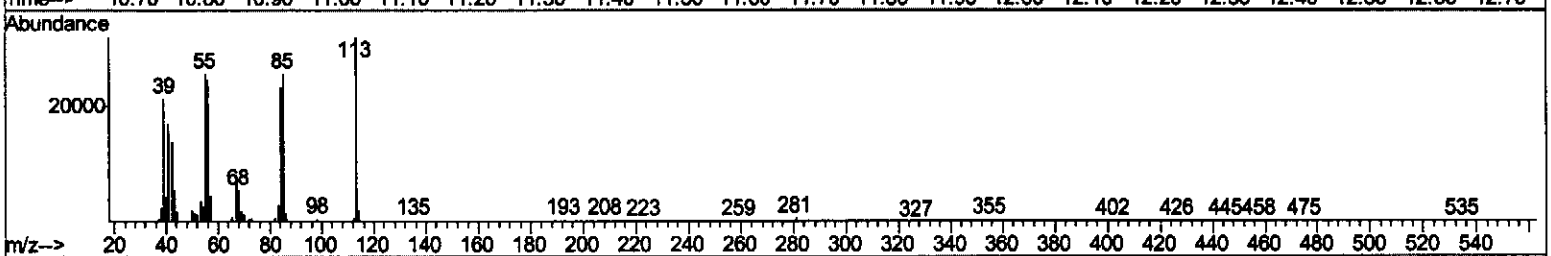

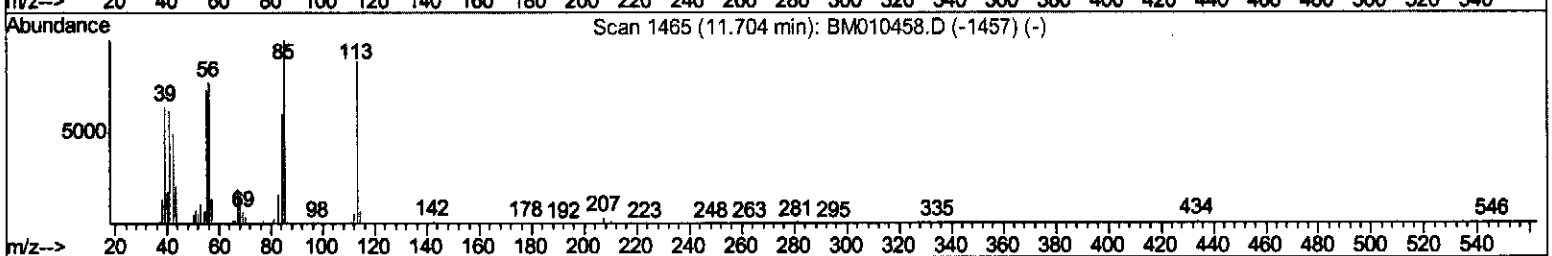

TIC: BM010475.D

(32) Caprolactam

11.698min (-0.006) 19.55ng/ul

response 80840

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	80.63#
56.00	107.50	76.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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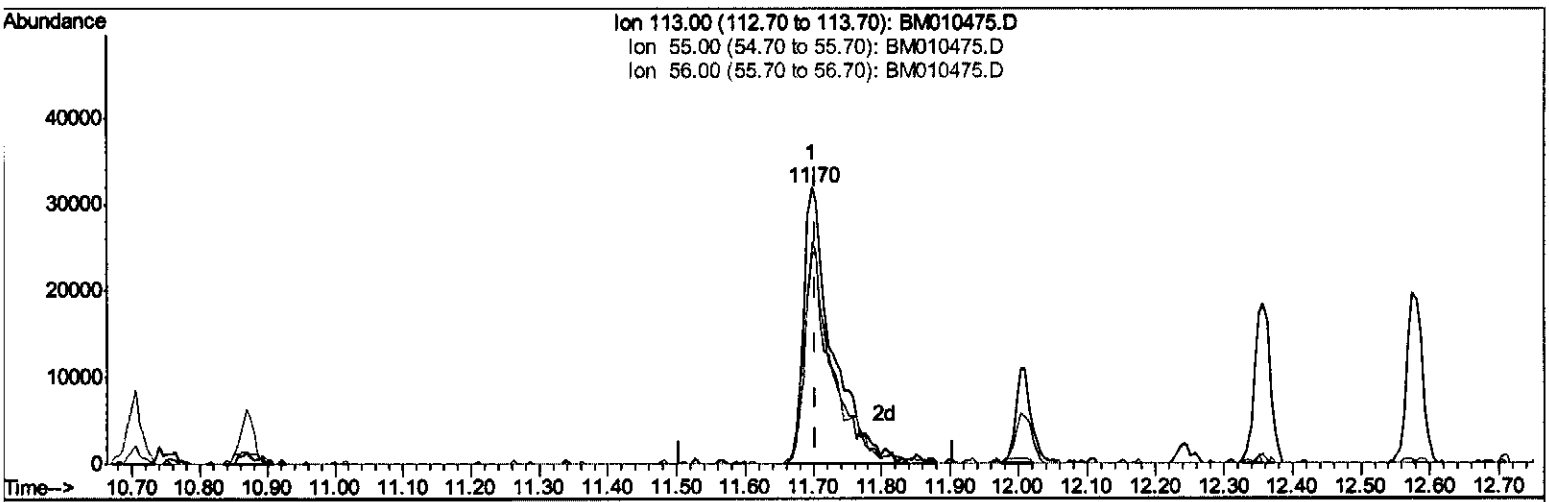

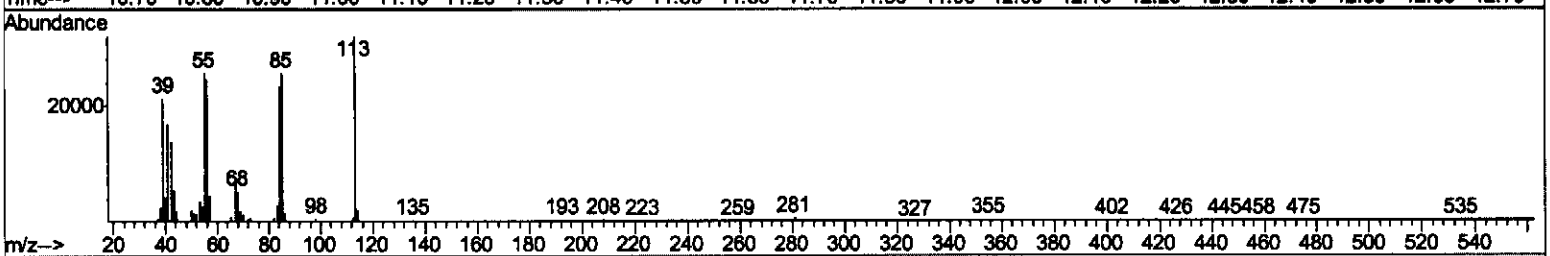

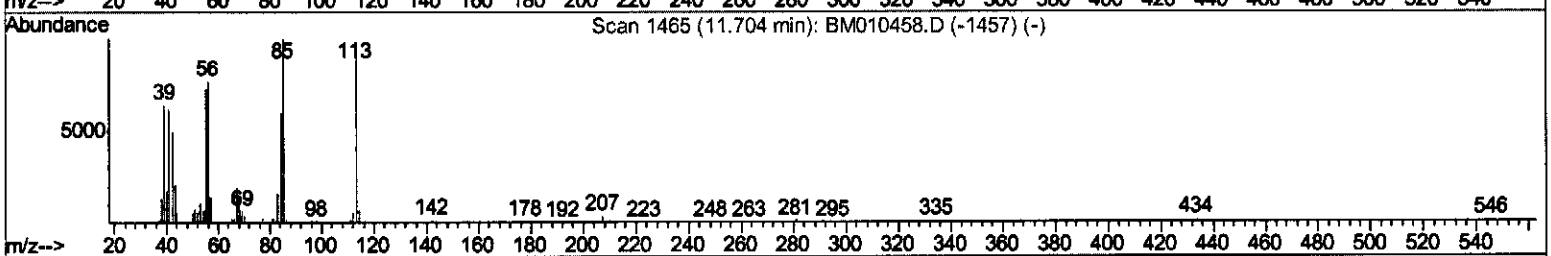

TIC: BM010475.D

(32) Caprolactam

11.698min (-0.006) 22.30ng/ul m SJ 06/19/17

response 92218

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	80.63#
56.00	107.50	76.80#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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6/12/2017 11:18:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	255563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	967664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	684120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1684841	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1844022	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1541604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	41388	6.64	ng/uL	0.00
5) Phenol-d5	7.09	99	367027	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	196246	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	304122	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	303405	19.42	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	152811	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	188018	22.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	387671	22.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	392596	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1248180	21.96	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1393637	21.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	163892	19.27	ng/ul	0.00
57) Fluorene-d10	15.53	176	1077104	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	235541	19.74	ng/ul	0.00
70) Anthracene-d10	17.39	188	1708607	20.84	ng/ul	0.00
76) Pyrene-d10	19.67	212	1915679	25.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1495165	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	46950	7.072	ng/uL#	48
4) Benzaldehyde	7.07	77	278718	21.402	ng/ul	95
6) Phenol	7.12	94	367194	18.494	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.34	93	250683	18.194	ng/ul	87
10) 2-Chlorophenol	7.47	128	301221	19.445	ng/ul	93
11) 2-Methylphenol	8.36	108	283266	19.546	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.42	45	92331	14.859	ng/ul#	45
14) Acetophenone	8.74	105	494318	19.387	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.71	70	269071	21.112	ng/ul#	84
16) 4-Methylphenol	8.69	108	316419	19.905	ng/ul	88
17) Hexachloroethane	8.97	117	150359	21.375	ng/ul	96
20) Nitrobenzene	9.13	77	419747	20.736	ng/ul	93
21) Isophorone	9.63	82	682789	21.919	ng/ul	95
23) 2-Nitrophenol	9.83	139	182313	20.940	ng/ul	95
24) 2,4-Dimethylphenol	9.88	107	432514	21.368	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.12	93	343626	19.628	ng/ul	92
27) 2,4-Dichlorophenol	10.36	162	387478	23.446	ng/ul	93
28) Naphthalene	10.76	128	969346	19.972	ng/ul	99
30) 4-Chloroaniline	10.90	127	368413	23.455	ng/ul	95
31) Hexachlorobutadiene	11.00	225	354031	23.384	ng/ul	93
32) Caprolactam	11.70	113	92218m	22.298	ng/ul	
33) 4-Chloro-3-methylphenol	12.01	107	362964	22.817	ng/ul	98
34) 2-Methylnaphthalene	12.36	142	799710	21.732	ng/ul	100

SJ 06/19/17

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6/12/2017 11:18:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	613253	21.549	ng/ul	94
37) Hexachlorocyclopentadiene	12.67	237	316086	16.563	ng/ul	97
38) 2,4,6-Trichlorophenol	12.97	196	366104	22.632	ng/ul	99
39) 2,4,5-Trichlorophenol	13.05	196	368327	22.574	ng/ul	95
40) 1,1'-Biphenyl	13.37	154	1139323	20.529	ng/ul	99
41) 2-Chloronaphthalene	13.42	162	882868	20.249	ng/ul	97
42) 2-Nitroaniline	13.66	65	237237	21.364	ng/ul	95
44) Dimethylphthalate	14.00	163	1176233	21.042	ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	231985	22.642	ng/ul#	82
47) Acenaphthylene	14.27	152	1357363	20.948	ng/ul	98
48) 3-Nitroaniline	14.49	138	190408	19.289	ng/ul	90
49) Acenaphthene	14.60	153	926455	20.386	ng/ul	100
50) 2,4-Dinitrophenol	14.67	184	157607	20.354	ng/ul#	82
52) 4-Nitrophenol	14.80	109	262399	22.515	ng/ul#	75
53) Dibenzofuran	14.94	168	1421679	21.156	ng/ul	96
54) 2,4-Dinitrotoluene	14.92	165	340618	22.638	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.16	232	365991	23.349	ng/ul#	94
56) Diethylphthalate	15.35	149	1171297	21.663	ng/ul	96
58) Fluorene	15.59	166	1188733	21.566	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.57	204	705864	22.406	ng/ul	93
60) 4-Nitroaniline	15.65	138	191315	18.510	ng/ul	82
63) 4,6-Dinitro-2-methylphenol	15.67	198	244676	19.349	ng/ul#	99
64) N-Nitrosodiphenylamine	15.80	169	1010472	20.574	ng/ul	98
65) 4-Bromophenyl-phenylether	16.47	248	441938	21.318	ng/ul	95
66) Hexachlorobenzene	16.57	284	432875	19.940	ng/ul#	83
67) Atrazine	16.74	200	465782	21.820	ng/ul	93
68) Pentachlorophenol	16.93	266	264156	19.115	ng/ul	94
69) Phenanthrene	17.33	178	1840974	20.468	ng/ul	98
71) Anthracene	17.42	178	1954595	20.816	ng/ul	99
72) Carbazole	17.70	167	1543802	19.424	ng/ul	99
73) Di-n-butylphthalate	18.22	149	1909489	21.282	ng/ul	99
74) Fluoranthene	19.33	202	2329609	21.062	ng/ul#	95
77) Pyrene	19.70	202	2339434	24.619	ng/ul#	94
78) Butylbenzylphthalate	20.57	149	827255	25.190	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.38	252	685956	18.951	ng/ul	95
80) Benzo(a)anthracene	21.43	228	2207558	21.229	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1170780	23.960	ng/ul	97
82) Chrysene	21.49	228	1917649	20.400	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	1883421	26.544	ng/ul#	94
85) Benzo(b)fluoranthene	23.07	252	1933569	21.555	ng/ul	99
86) Benzo(k)fluoranthene	23.12	252	1875842	21.890	ng/ul	100
88) Benzo(a)pyrene	23.69	252	1838018	20.671	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.17	276	2277848	20.277	ng/ul	100
90) Dibenzo(a,h)anthracene	26.19	278	1946795	20.122	ng/ul	100
91) Benzo(g,h,i)perylene	26.92	276	1874780	20.257	ng/ul	97

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