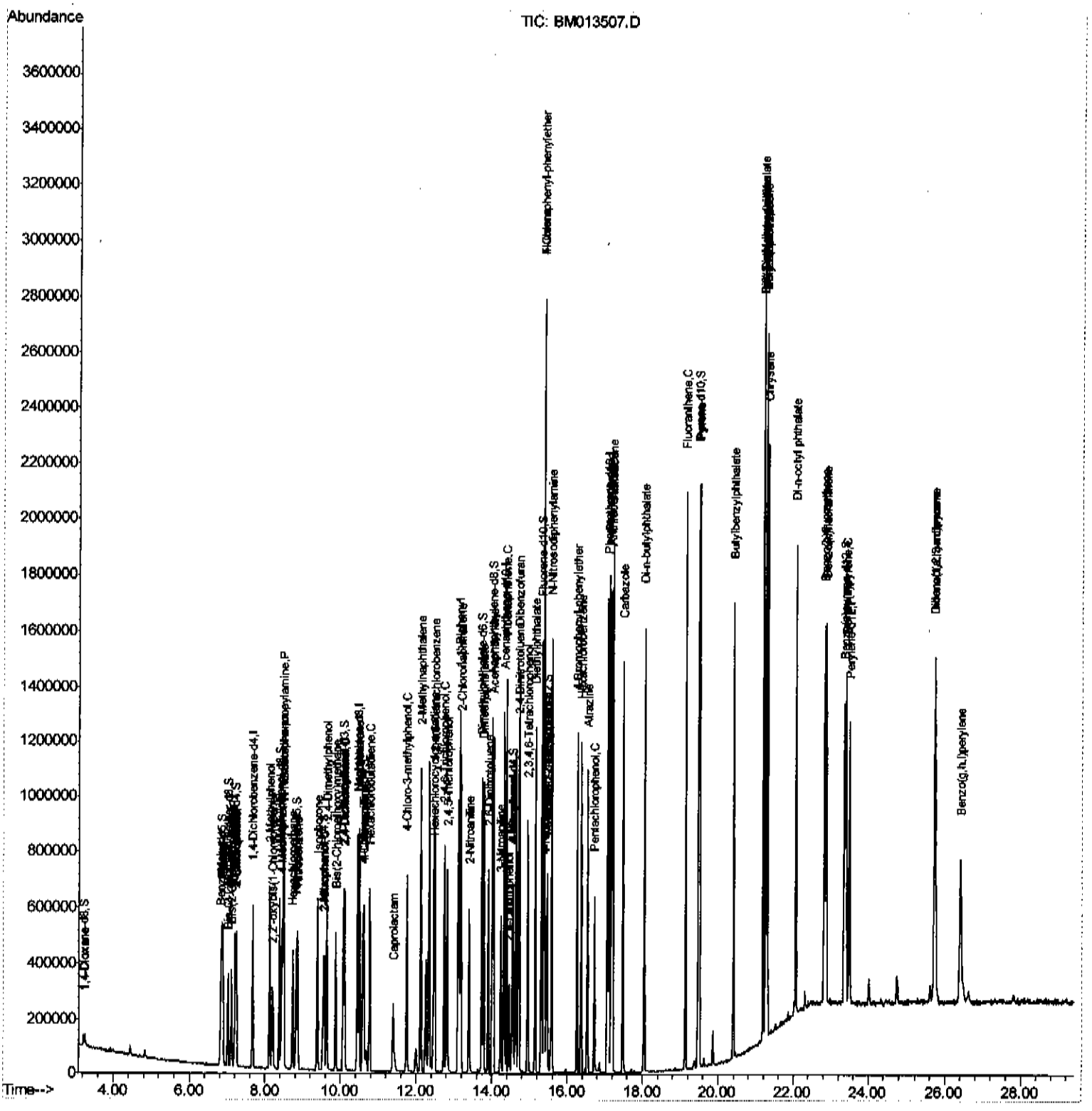
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013507.D
Acq On : 19 Dec 2017 10:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 03:06:21 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02047

Manual Integrations APPROVED
Sohil
12/20/2017 3:49:22 PM



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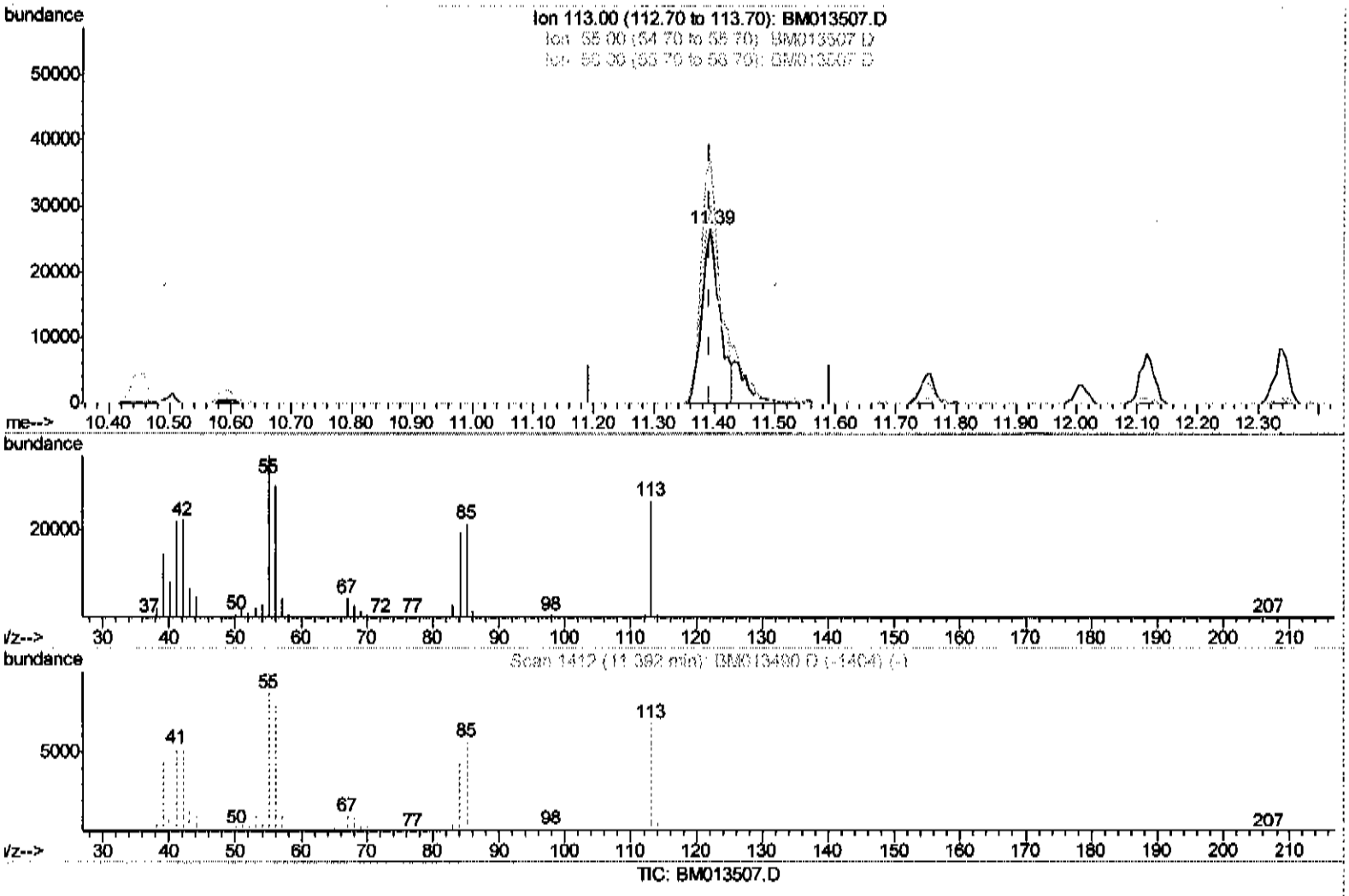

TIC: BM013507.D

(32) Caprolactam

11.392min (+0.000) 15.44ng/ul

response 54295

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	138.33#
56.00	200.00	113.36#
0.00	0.00	0.00

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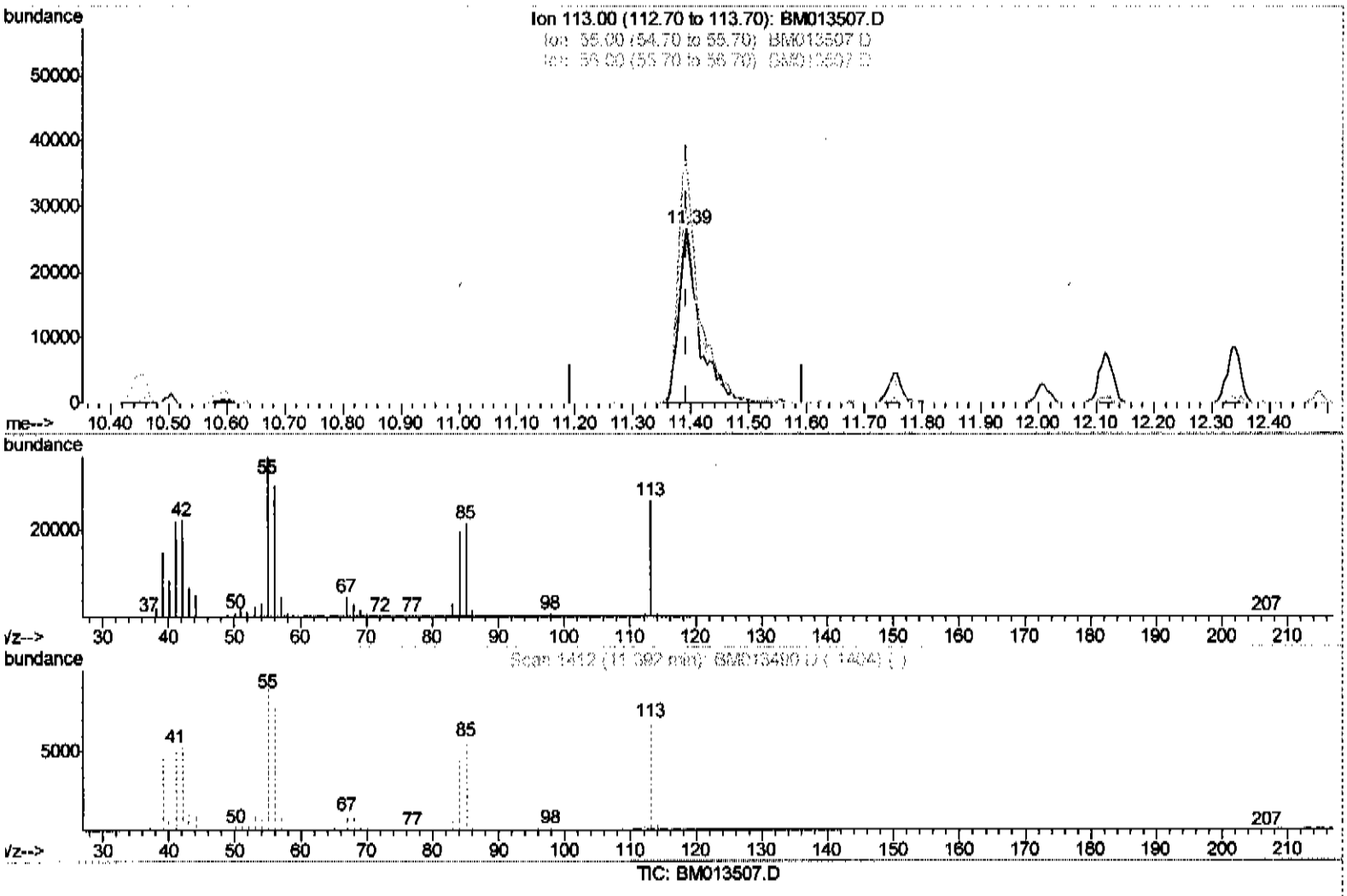

TIC: BM013507.D

(32) Caprolactam

11.392min (+0.000) 18.37ng/ul m JU 12/20/17

response 64594

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	138.33#
56.00	200.00	113.36#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	147999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	681143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	417926	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	972690	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	899914	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	732126	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21988	7.36	ng/uL	0.00
5) Phenol-d5	6.85	99	258904	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	146107	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	205931	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	212803	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	103942	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	114262	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	229251	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	256327	23.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	676671	18.19	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	890763	19.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	106587	16.50	ng/ul	0.00
57) Fluorene-d10	15.31	176	604239	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	103188	16.86	ng/ul	0.00
70) Anthracene-d10	17.16	188	961265	19.73	ng/ul	0.00
76) Pyrene-d10	19.46	212	992938	22.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	732160	19.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	25899	7.720	ng/uL#	56
4) Benzaldehyde	6.83	77	129495	20.438	ng/ul	88
6) Phenol	6.87	94	250824	19.815	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.10	93	192988	19.940	ng/ul	97
10) 2-Chlorophenol	7.24	128	199124	20.295	ng/ul	94
11) 2-Methylphenol	8.12	108	200359	20.465	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.19	45	212664	20.927	ng/ul#	84
14) Acetophenone	8.49	105	332946	20.013	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.47	70	163480	19.509	ng/ul#	66
16) 4-Methylphenol	8.45	108	203704	19.457	ng/ul	95
17) Hexachloroethane	8.73	117	74329	17.401	ng/ul#	74
20) Nitrobenzene	8.87	77	264198	19.416	ng/ul#	87
21) Isophorone	9.39	82	440575	18.401	ng/ul#	93
23) 2-Nitrophenol	9.57	139	118200	19.721	ng/ul#	81
24) 2,4-Dimethylphenol	9.63	107	243841	18.654	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	9.87	93	271728	19.391	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	207698	18.874	ng/ul	93
28) Naphthalene	10.50	128	673147	19.209	ng/ul	98
30) 4-Chloroaniline	10.62	127	252449	23.815	ng/ul	91
31) Hexachlorobutadiene	10.78	225	141589	17.763	ng/ul#	88
32) Caprolactam	11.39	113	64594m	18.367	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	219229	18.161	ng/ul	93
34) 2-Methylnaphthalene	12.12	142	499359	18.956	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	287655	19.075 ng/ul	95
37) Hexachlorocyclopentadiene	12.46	237	170247	17.152 ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	185414	19.722 ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	190902	19.116 ng/ul	95
40) 1,1'-Biphenyl	13.14	154	663757	18.792 ng/ul#	97
41) 2-Chloronaphthalene	13.18	162	529635	19.113 ng/ul	98
42) 2-Nitroaniline	13.40	65	156229	19.243 ng/ul	93
44) Dimethylphthalate	13.78	163	655101	18.417 ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	135868	18.728 ng/ul#	94
47) Acenaphthylene	14.03	152	815962	19.212 ng/ul	99
48) 3-Nitroaniline	14.23	138	129131	19.914 ng/ul	88
49) Acenaphthene	14.38	153	545102	18.841 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	69416	17.291 ng/ul	97
52) 4-Nitrophenol	14.55	109	97305	15.350 ng/ul#	81
53) Dibenzofuran	14.72	168	810939	18.987 ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	205212	19.446 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.95	232	174623	19.071 ng/ul#	93
56) Diethylphthalate	15.15	149	645920	18.105 ng/ul	94
58) Fluorene	15.37	166	662979	18.764 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	351278	18.317 ng/ul	99
60) 4-Nitroaniline	15.40	138	146448	19.142 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	102018	16.684 ng/ul	93
64) N-Nitrosodiphenylamine	15.58	169	571024	19.929 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	222551	19.463 ng/ul	95
66) Hexachlorobenzene	16.37	284	233384	18.508 ng/ul#	91
67) Atrazine	16.54	200	196415	18.572 ng/ul	92
68) Pentachlorophenol	16.72	266	114932	15.759 ng/ul	96
69) Phenanthrene	17.10	178	1076280	19.477 ng/ul	99
71) Anthracene	17.20	178	1119445	19.818 ng/ul	98
72) Carbazole	17.47	167	917635	18.887 ng/ul	99
73) Di-n-butylphthalate	18.04	149	1051271	18.535 ng/ul	98
74) Fluoranthene	19.13	202	1240758	18.322 ng/ul#	92
77) Pyrene	19.49	202	1242206	22.721 ng/ul#	89
78) Butylbenzylphthalate	20.40	149	445889	20.873 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.18	252	302670	16.000 ng/ul#	94
80) Benzo(a)anthracene	21.24	228	1114847	19.525 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.18	149	638868	19.842 ng/ul#	98
82) Chrysene	21.29	228	1036102	19.559 ng/ul	99
84) Di-n-octyl phthalate	22.05	149	1024172	19.672 ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	980424	19.865 ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	899039	19.357 ng/ul#	98
88) Benzo(a)pyrene	23.39	252	892258	20.126 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.71	276	932311	21.194 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	796001	21.251 ng/ul#	95
91) Benzo(g,h,i)perylene	26.40	276	731222	21.074 ng/ul#	98

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