Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
Data File : BM007799.D
Acq On : 09 Nov 2016 16:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 23:32:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 03:28:55 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02052

Manual Integrations APPROVED
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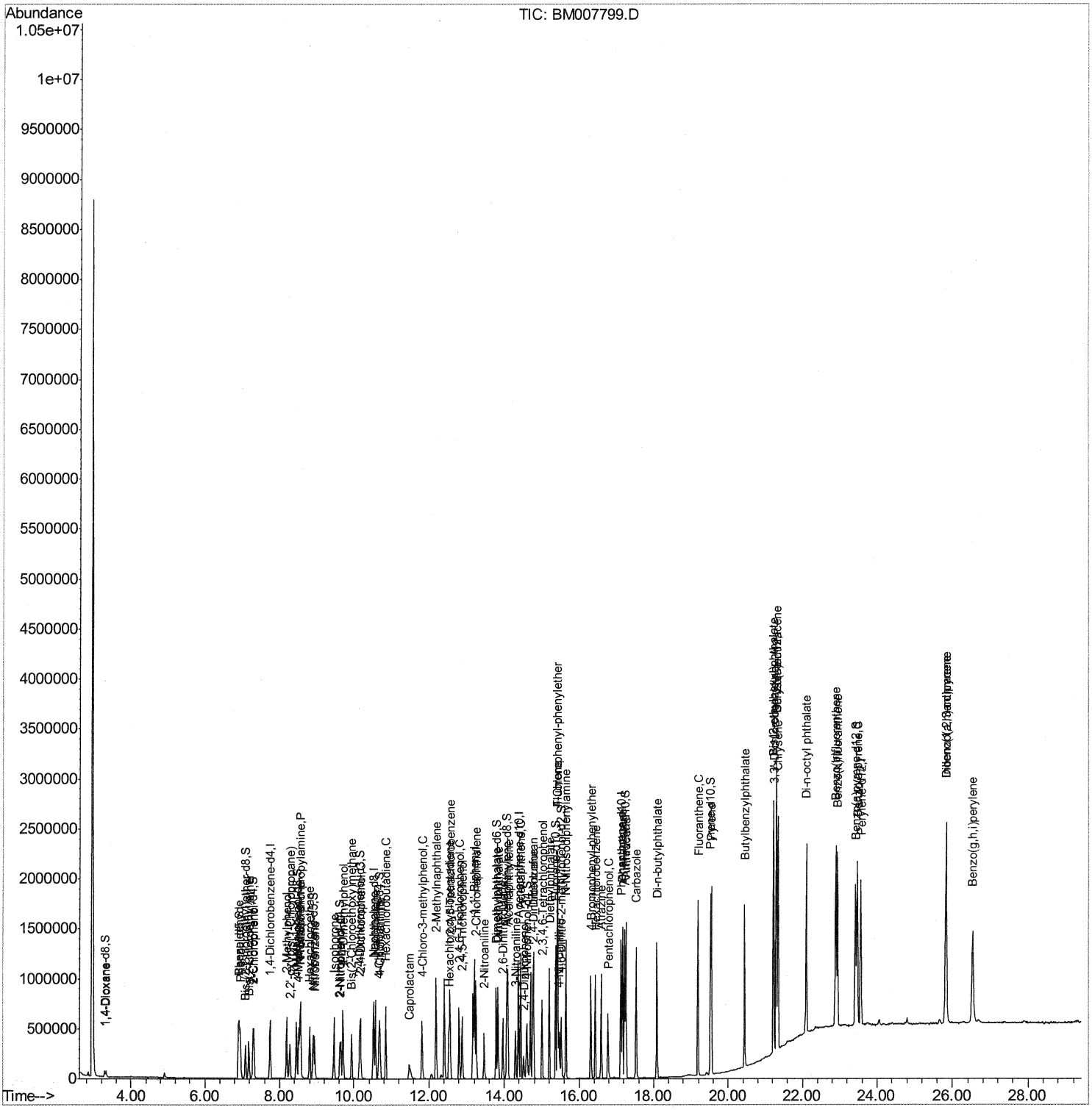

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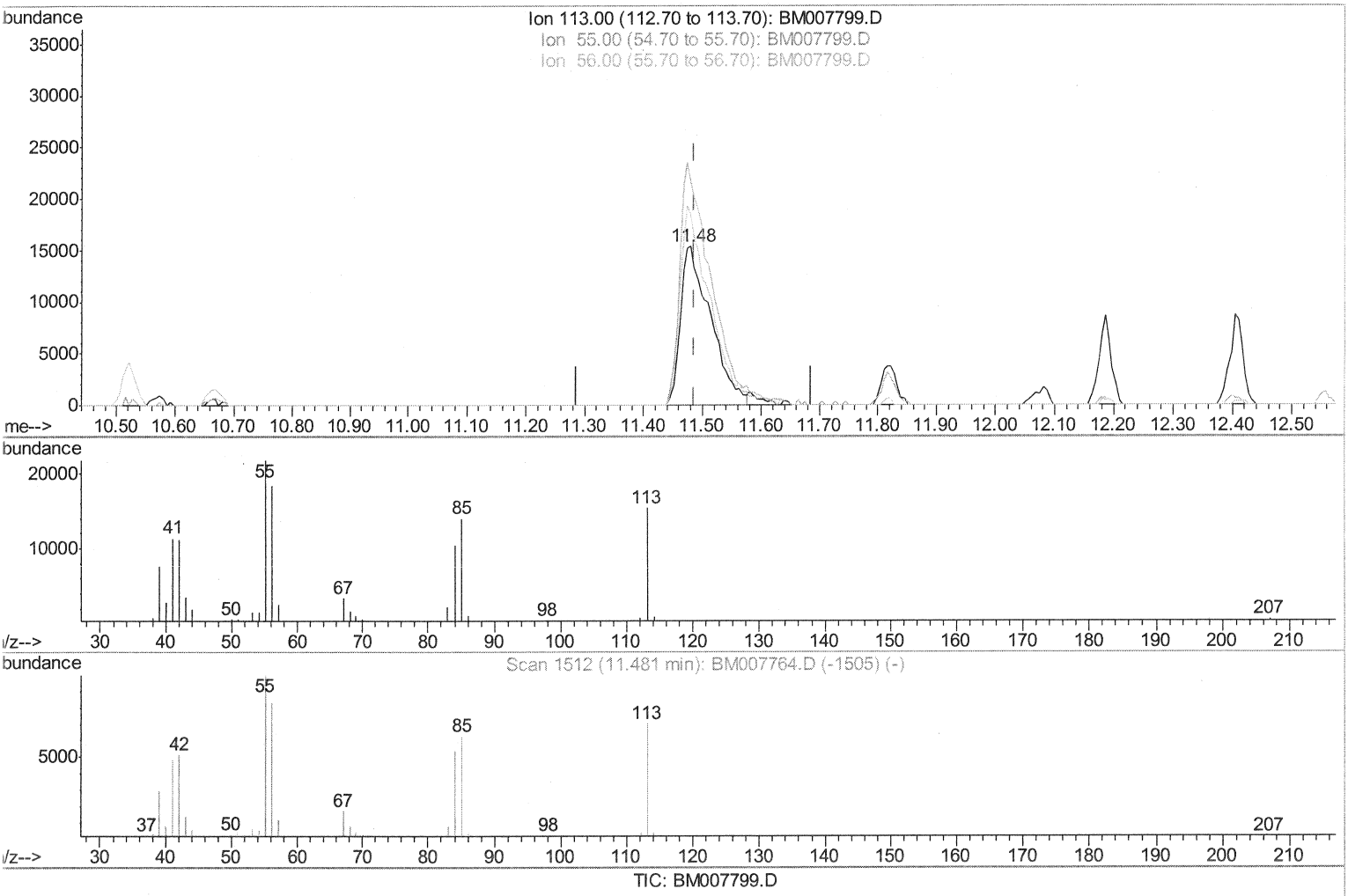

TIC: BM007799.D

(32) Caprolactam

11.480min (-0.006) 21.47ng/ul

response 54456

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	141.34
56.00	121.70	119.21
0.00	0.00	0.00

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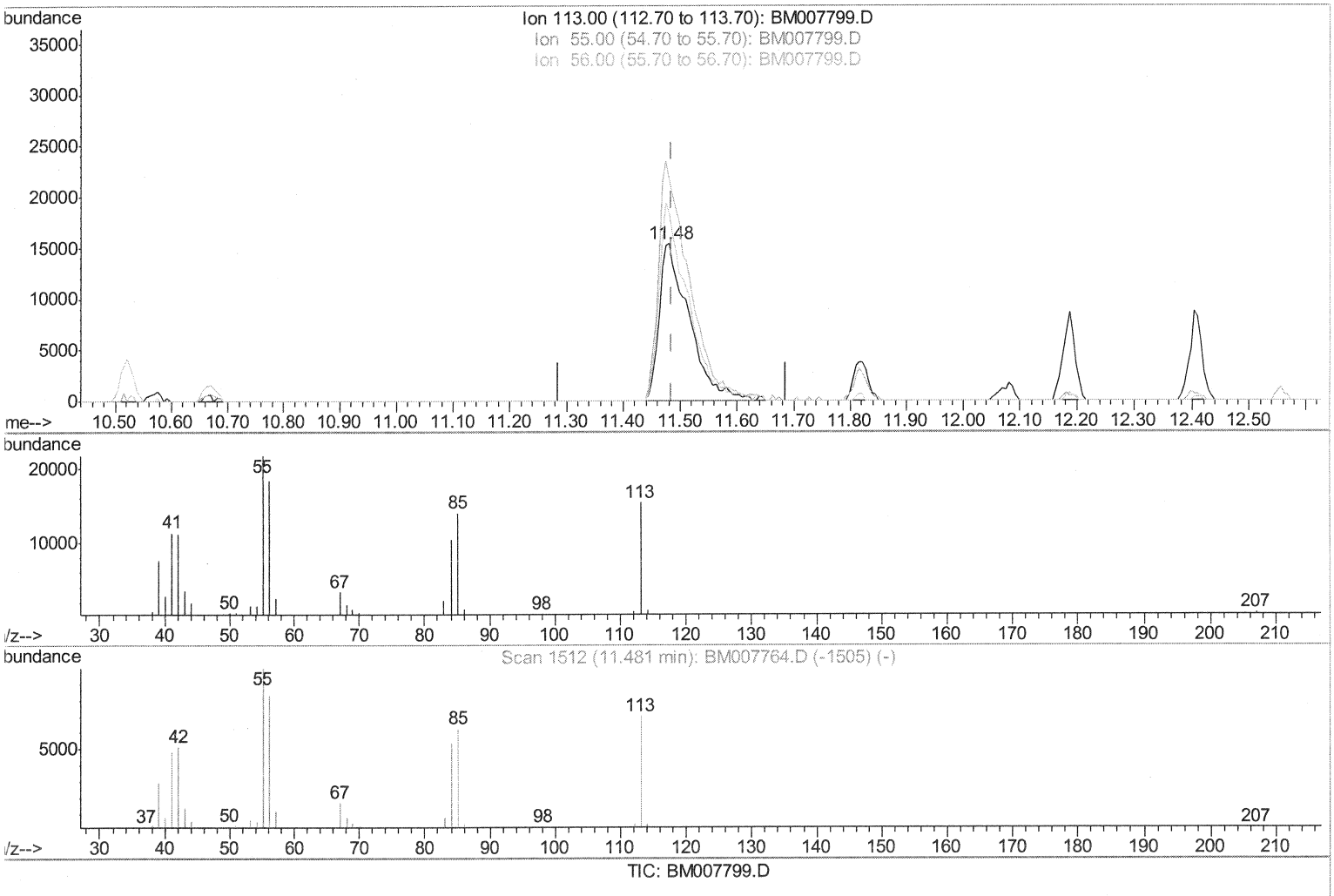

TIC: BM007799.D

(32) Caprolactam

11.480min (-0.006) 22.18ng/ul m SJ 11/11/16

response 56238

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	141.34
56.00	121.70	119.21
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	7.75	152	159857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	619026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	404028	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	816752	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1066776	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1081012	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	30536	8.18	ng/uL	0.00
5) Phenol-d5	6.92	99	261008	21.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	156718	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	209245	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	208159	21.56	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	98660	22.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	108827	23.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	204637	22.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	252339	23.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	605848	22.02	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	728942	22.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	93955	21.60	ng/ul	0.00
57) Fluorene-d10	15.37	176	523364	21.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	96142	19.81	ng/ul	0.00
70) Anthracene-d10	17.22	188	811367	22.04	ng/ul	0.00
76) Pyrene-d10	19.52	212	948292	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1024372	21.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	31189	7.64	ng/uL	97
4) Benzaldehyde	6.90	77	191685	24.56	ng/ul	96
6) Phenol	6.95	94	272726	21.54	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	208184	21.34	ng/ul	99
10) 2-Chlorophenol	7.31	128	211463	21.78	ng/ul	96
11) 2-Methylphenol	8.19	108	197598	21.43	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	233087	21.55	ng/ul	96
14) Acetophenone	8.56	105	323919	21.39	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	166895	22.22	ng/ul	95
16) 4-Methylphenol	8.51	108	212941	21.44	ng/ul	95
17) Hexachloroethane	8.81	117	94220	21.96	ng/ul	97
20) Nitrobenzene	8.94	77	248218	21.66	ng/ul	97
21) Isophorone	9.46	82	449852	22.95	ng/ul	99
23) 2-Nitrophenol	9.65	139	112144	22.73	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	246829	21.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	263254	21.96	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	203739	22.28	ng/ul	96
28) Naphthalene	10.57	128	649160	21.56	ng/ul	99
30) 4-Chloroaniline	10.69	127	254882	23.71	ng/ul	96
31) Hexachlorobutadiene	10.85	225	159539	21.41	ng/ul	97
32) Caprolactam	11.48	113	56238m	22.18	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	220285	22.97	ng/ul	91
34) 2-Methylnaphthalene	12.19	142	464590	21.69	ng/ul	99

SJ 11/11/16

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	283987	21.77 ng/ul	96
37) Hexachlorocyclopentadiene	12.53	237	123561	16.09 ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	166191	22.91 ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	171145	21.54 ng/ul	99
40) 1,1'-Biphenyl	13.20	154	604364	21.21 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	468615	21.50 ng/ul	97
42) 2-Nitroaniline	13.46	65	135611	23.46 ng/ul	94
44) Dimethylphthalate	13.84	163	587721	22.00 ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	114142	22.71 ng/ul	92
47) Acenaphthylene	14.10	152	739393	22.02 ng/ul	98
48) 3-Nitroaniline	14.30	138	115992	23.34 ng/ul	98
49) Acenaphthene	14.44	153	501330	21.64 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	57399	18.55 ng/ul	92
52) 4-Nitrophenol	14.61	109	89383	20.72 ng/ul	99
53) Dibenzofuran	14.77	168	720269	21.65 ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	169262	23.34 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.01	232	160526	22.65 ng/ul	98
56) Diethylphthalate	15.20	149	586808	22.19 ng/ul	99
58) Fluorene	15.43	166	583599	21.97 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	307673	21.73 ng/ul	97
60) 4-Nitroaniline	15.46	138	112764	22.50 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	101771	20.30 ng/ul	96
64) N-Nitrosodiphenylamine	15.64	169	506656	21.70 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	198739	21.33 ng/ul	96
66) Hexachlorobenzene	16.43	284	223562	21.67 ng/ul	99
67) Atrazine	16.59	200	193270	21.49 ng/ul	99
68) Pentachlorophenol	16.78	266	117772	20.37 ng/ul	98
69) Phenanthrene	17.17	178	933640	21.51 ng/ul	100
71) Anthracene	17.26	178	955550	21.61 ng/ul	100
72) Carbazole	17.53	167	837206	21.87 ng/ul	98
73) Di-n-butylphthalate	18.09	149	969531	22.75 ng/ul	98
74) Fluoranthene	19.19	202	1130408	22.27 ng/ul	100
77) Pyrene	19.55	202	1171707	21.26 ng/ul	99
78) Butylbenzylphthalate	20.44	149	457840	23.35 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.23	252	431497	22.78 ng/ul	99
80) Benzo(a)anthracene	21.30	228	1239359	21.74 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	668367	23.15 ng/ul	100
82) Chrysene	21.34	228	1177727	21.50 ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1179216	21.52 ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	1319452	21.36 ng/ul	100
86) Benzo(k)fluoranthene	22.93	252	1216209	21.40 ng/ul	99
88) Benzo(a)pyrene	23.46	252	1260669	21.67 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1501581	21.55 ng/ul	98
90) Dibenzo(a,h)anthracene	25.84	278	1264144	21.50 ng/ul	98
91) Benzo(g,h,i)perylene	26.53	276	1244338	21.26 ng/ul	97

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