Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007947.D
Acq On : 17 Nov 2016 19:42
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 02:32:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 01:20:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02035

Manual Integrations APPROVED
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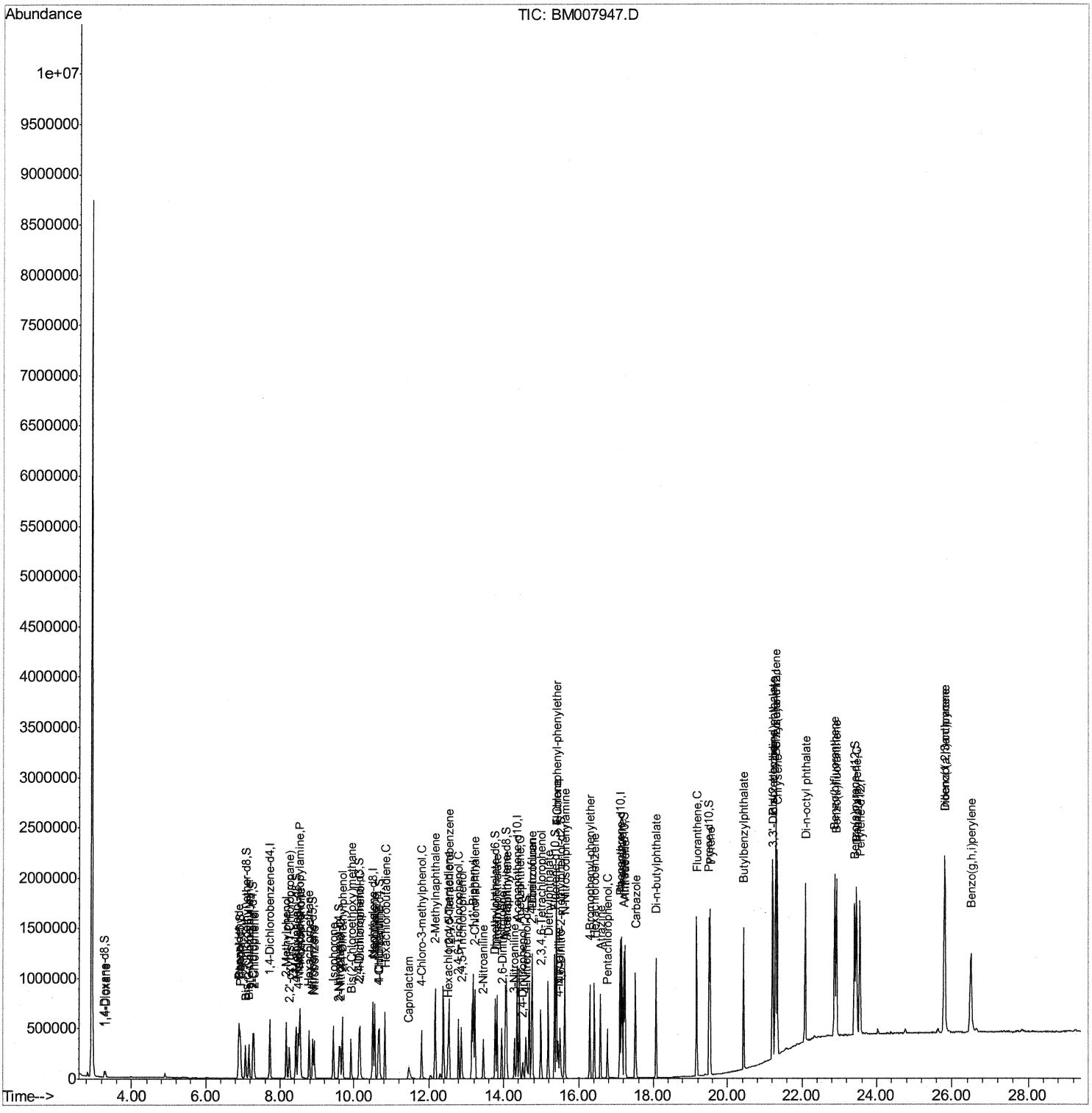

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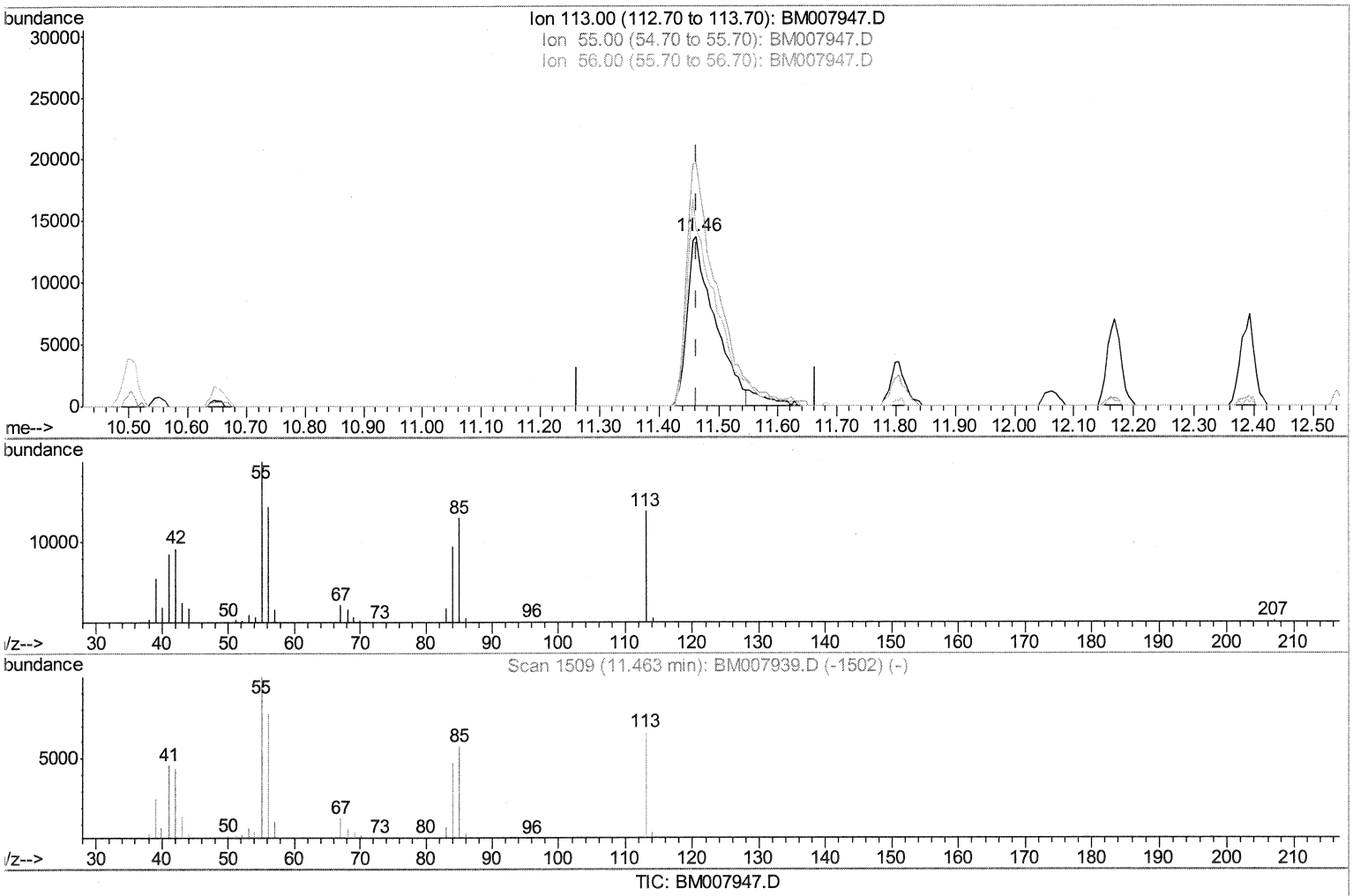

TIC: BM007947.D

(32) Caprolactam

11.463min (-0.000) 17.44ng/ul

response 43991

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	143.79
56.00	121.70	103.66
0.00	0.00	0.00

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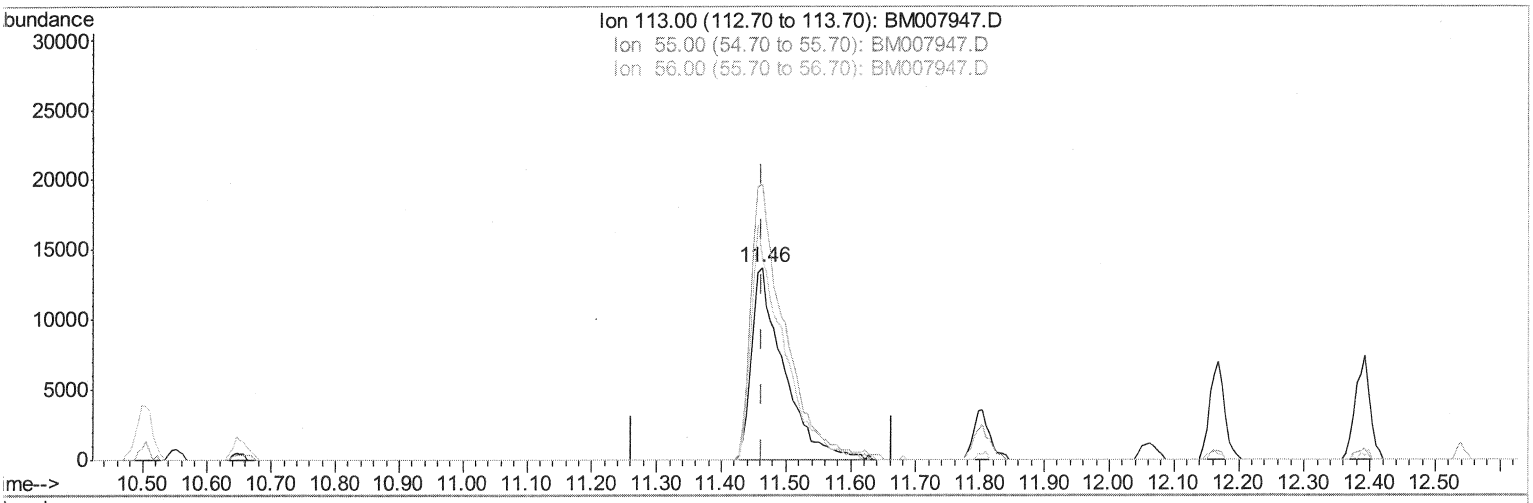

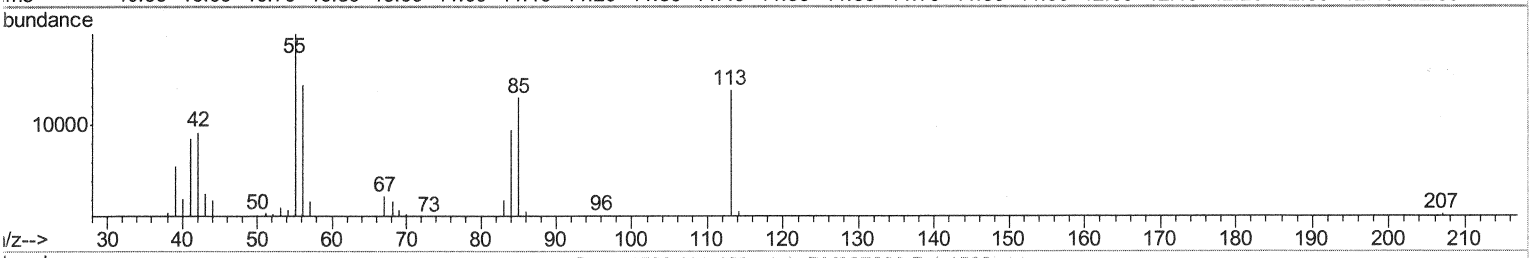

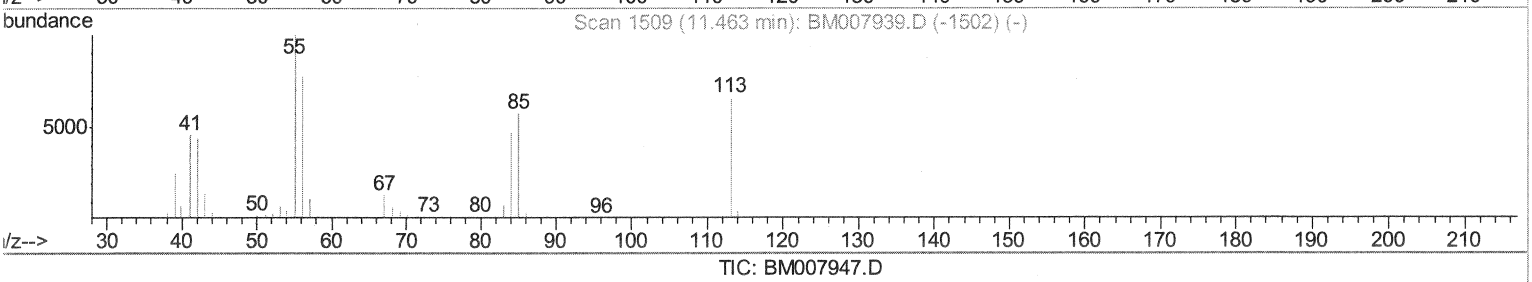

TIC: BM007947.D

(32) Caprolactam

11.463min (-0.000) 18.59ng/ul m SJ 11/23/16

response 46898

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	143.79
56.00	121.70	103.66
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	159767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	601126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	387446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	787012	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1020109	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	1036939	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	29413	7.94	ng/uL	0.00
5) Phenol-d5	6.90	99	235630	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	147057	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	189617	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	184230	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	90421	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	93879	20.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	187169	20.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	222591	21.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	521657	19.60	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	639268	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	75138	17.66	ng/ul	0.00
57) Fluorene-d10	15.36	176	460945	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	80682	17.22	ng/ul	0.00
70) Anthracene-d10	17.21	188	712406	19.91	ng/ul	0.00
76) Pyrene-d10	19.50	212	833297	19.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	919124	20.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	31979	7.85	ng/uL	98
4) Benzaldehyde	6.89	77	175292	22.33	ng/ul	95
6) Phenol	6.93	94	248808	19.52	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	191869	19.56	ng/ul	99
10) 2-Chlorophenol	7.29	128	193763	19.86	ng/ul	96
11) 2-Methylphenol	8.17	108	178648	19.20	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	215739	19.73	ng/ul	97
14) Acetophenone	8.55	105	298252	19.51	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	153314	20.13	ng/ul	91
16) 4-Methylphenol	8.49	108	192884	19.30	ng/ul	97
17) Hexachloroethane	8.79	117	86146	20.03	ng/ul	98
20) Nitrobenzene	8.92	77	233467	20.81	ng/ul	96
21) Isophorone	9.45	82	389210	20.12	ng/ul	98
23) 2-Nitrophenol	9.63	139	100631	20.79	ng/ul	98
24) 2,4-Dimethylphenol	9.69	107	223819	20.36	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	236249	20.09	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	179882	20.09	ng/ul	95
28) Naphthalene	10.55	128	589786	20.01	ng/ul	100
30) 4-Chloroaniline	10.67	127	225440	21.28	ng/ul	95
31) Hexachlorobutadiene	10.83	225	146375	20.14	ng/ul	100
32) Caprolactam	11.46	113	46898m	18.59	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	191288	20.28	ng/ul	91
34) 2-Methylnaphthalene	12.17	142	421597	20.17	ng/ul	99

SJ 11/23/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	252829	20.10	ng/ul	98
37) Hexachlorocyclopentadiene	12.51	237	94528	12.75	ng/ul	97
38) 2,4,6-Trichlorophenol	12.79	196	144259	20.43	ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	149795	19.40	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	548003	19.97	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	421312	20.06	ng/ul	98
42) 2-Nitroaniline	13.45	65	115605	20.49	ng/ul	97
44) Dimethylphthalate	13.82	163	507776	19.71	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	97685	19.94	ng/ul	92
47) Acenaphthylene	14.08	152	652528	20.09	ng/ul	99
48) 3-Nitroaniline	14.29	138	101023	20.70	ng/ul	99
49) Acenaphthene	14.42	153	441782	19.73	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	43184	14.62	ng/ul	89
52) 4-Nitrophenol	14.60	109	70722	17.06	ng/ul	97
53) Dibenzofuran	14.76	168	642773	20.02	ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	147118	20.79	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.99	232	139193	20.21	ng/ul	96
56) Diethylphthalate	15.19	149	499838	19.48	ng/ul	100
58) Fluorene	15.41	166	518940	20.20	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	275657	20.19	ng/ul	98
60) 4-Nitroaniline	15.45	138	93313	18.78	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.51	198	82588	17.15	ng/ul#	94
64) N-Nitrosodiphenylamine	15.62	169	444207	19.64	ng/ul	100
65) 4-Bromophenyl-phenylether	16.30	248	172462	19.12	ng/ul	97
66) Hexachlorobenzene	16.42	284	190683	19.12	ng/ul	99
67) Atrazine	16.58	200	161288	18.39	ng/ul	97
68) Pentachlorophenol	16.77	266	98428	17.49	ng/ul	97
69) Phenanthrene	17.15	178	822731	19.53	ng/ul	99
71) Anthracene	17.24	178	847705	19.79	ng/ul	99
72) Carbazole	17.52	167	730125	19.60	ng/ul	98
73) Di-n-butylphthalate	18.07	149	811177	19.46	ng/ul	99
74) Fluoranthene	19.17	202	981790	19.83	ng/ul	97
77) Pyrene	19.53	202	1031207	19.50	ng/ul	100
78) Butylbenzylphthalate	20.43	149	371041	19.38	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.22	252	367855	20.12	ng/ul	98
80) Benzo(a)anthracene	21.28	228	1101633	20.03	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	547519	19.39	ng/ul	97
82) Chrysene	21.33	228	1056003	20.03	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	963121	18.02	ng/ul	99
85) Benzo(b)fluoranthene	22.87	252	1149032	19.41	ng/ul	100
86) Benzo(k)fluoranthene	22.91	252	1115135	20.18	ng/ul	100
88) Benzo(a)pyrene	23.44	252	1121501	19.92	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.80	276	1342833	19.89	ng/ul	99
90) Dibenzo(a,h)anthracene	25.81	278	1119661	19.68	ng/ul	99
91) Benzo(g,h,i)perylene	26.50	276	1110275	19.62	ng/ul	98

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