Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007950.D
Acq On : 17 Nov 2016 21:27
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 02:52:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 02:32:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02036

Manual Integrations APPROVED
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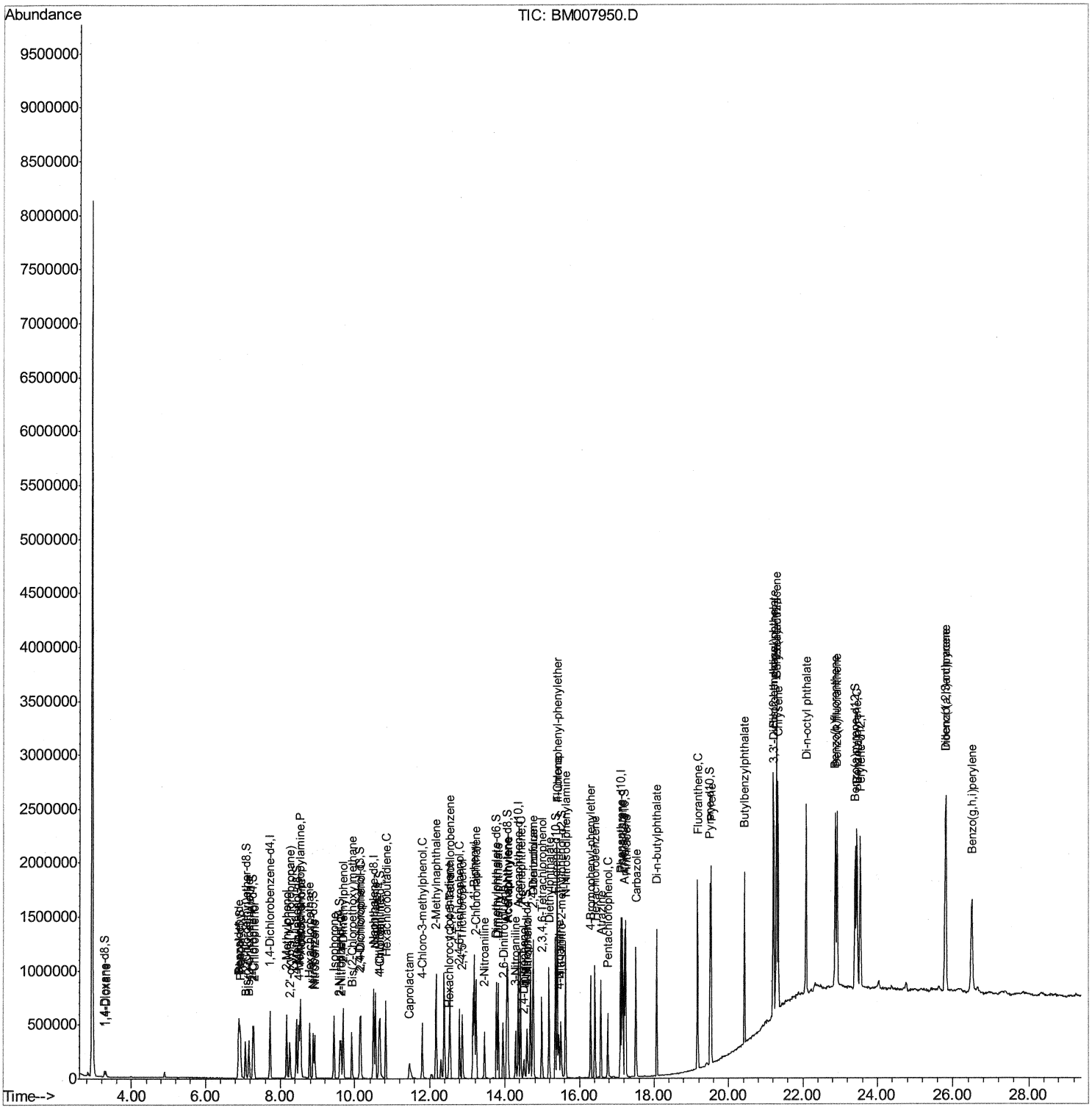

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Quant Time: Nov 18 02:35:03 2016
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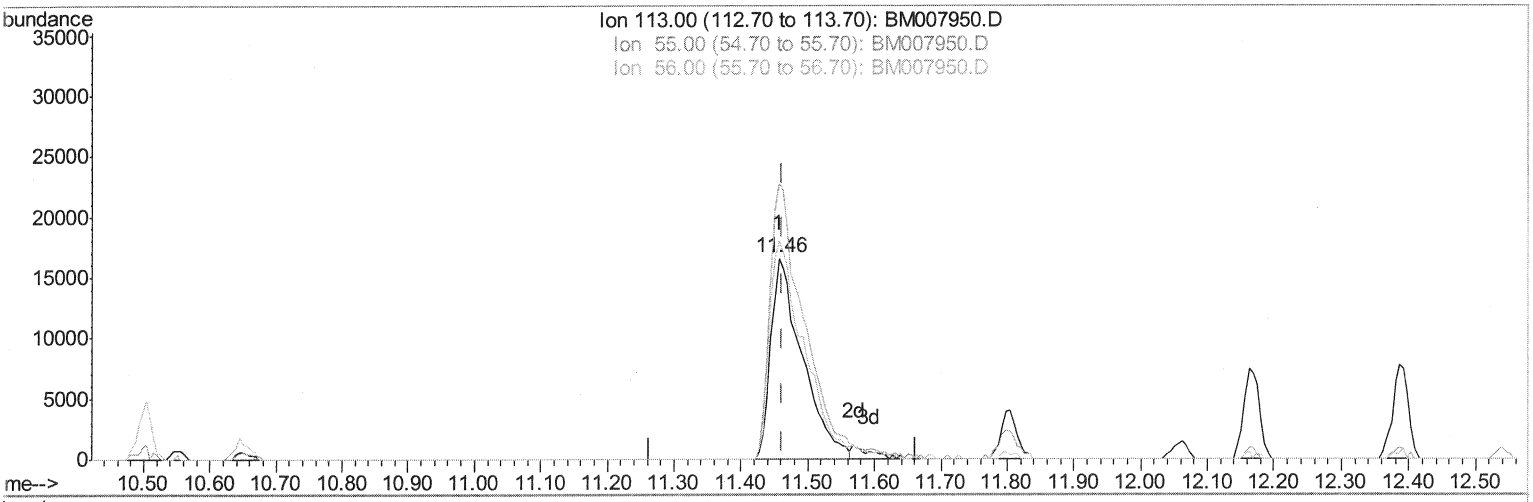

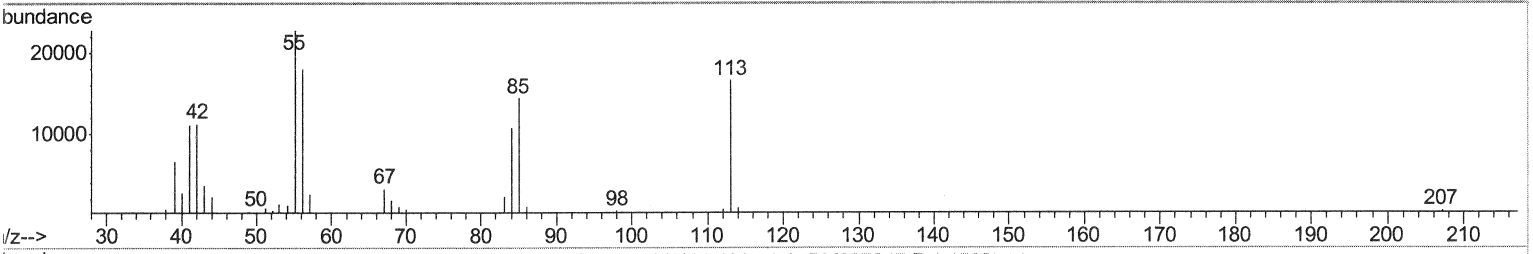

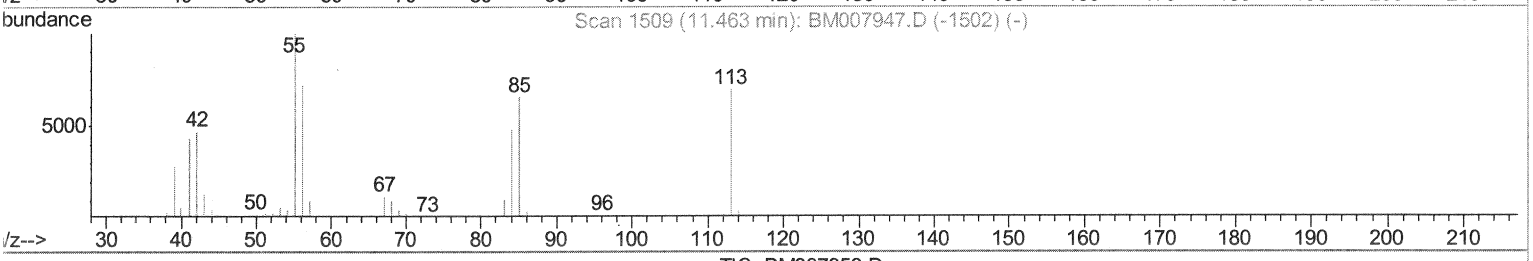

TIC: BM007950.D

(32) Caprolactam

11.457min (-0.006) 19.57ng/ul

response 53881

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	137.13
56.00	121.70	108.24
0.00	0.00	0.00

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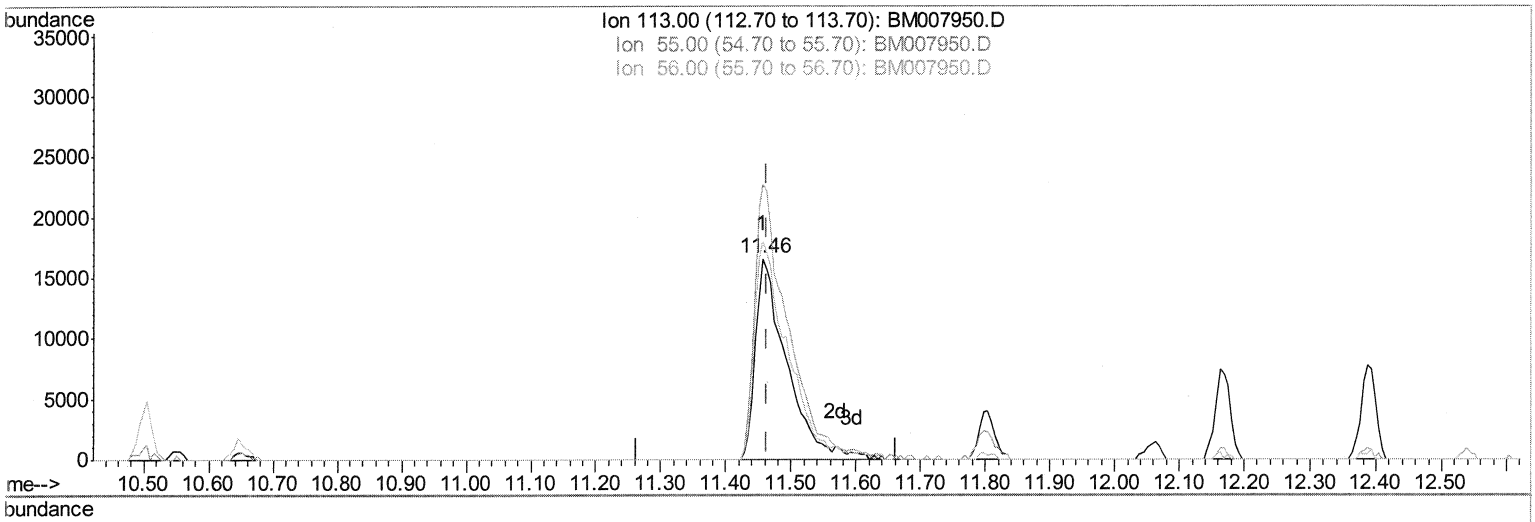

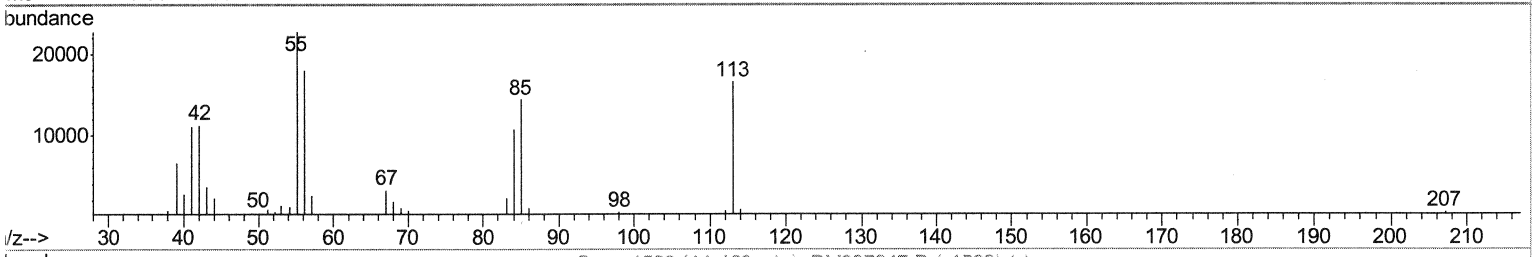

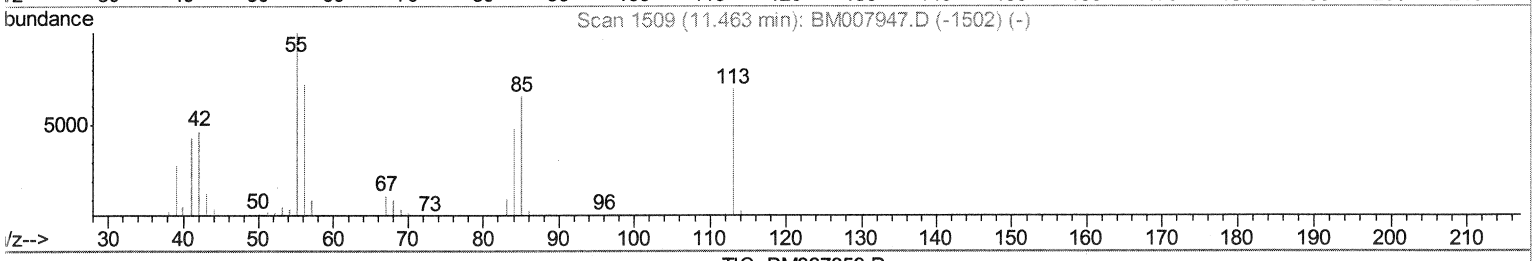

TIC: BM007950.D

(32) Caprolactam

11.457min (-0.006) 20.29ng/ul m SJ 11/23/16

response 55862

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	137.13
56.00	121.70	108.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	170032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	655912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	421925	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	836584	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1028393	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	1078788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	30408	7.71	ng/uL	0.00
5) Phenol-d5	6.90	99	261814	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	151669	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	209397	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	203368	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	98482	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	110691	21.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	205289	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	244633	21.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	576007	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	706593	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	81433	17.57	ng/ul	0.00
57) Fluorene-d10	15.36	176	503898	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	83988	16.87	ng/ul	0.00
70) Anthracene-d10	17.21	188	762338	20.05	ng/ul	0.00
76) Pyrene-d10	19.50	212	882729	20.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	950541	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	32305	7.45	ng/uL	91
4) Benzaldehyde	6.88	77	182043	21.79	ng/ul	97
6) Phenol	6.93	94	270509	19.94	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.16	93	203751	19.52	ng/ul	99
10) 2-Chlorophenol	7.29	128	212123	20.42	ng/ul	97
11) 2-Methylphenol	8.17	108	196095	19.80	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	223123	19.18	ng/ul	97
14) Acetophenone	8.55	105	324409	19.94	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	162751	20.08	ng/ul	93
16) 4-Methylphenol	8.50	108	210136	19.76	ng/ul	97
17) Hexachloroethane	8.79	117	90599	19.80	ng/ul	98
20) Nitrobenzene	8.93	77	240731	19.66	ng/ul	99
21) Isophorone	9.45	82	435154	20.62	ng/ul	98
23) 2-Nitrophenol	9.63	139	112571	21.32	ng/ul	95
24) 2,4-Dimethylphenol	9.69	107	241635	20.15	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	255293	19.90	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	201000	20.57	ng/ul	98
28) Naphthalene	10.55	128	637850	19.83	ng/ul	100
30) 4-Chloroaniline	10.67	127	248248	21.48	ng/ul	98
31) Hexachlorobutadiene	10.83	225	157585	19.87	ng/ul	99
32) Caprolactam	11.46	113	55862m	20.29	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	212674	20.66	ng/ul	88
34) 2-Methylnaphthalene	12.17	142	448296	19.66	ng/ul	96

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	273586	19.97	ng/ul	97
37) Hexachlorocyclopentadiene	12.51	237	63742	7.90	ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	161203	20.96	ng/ul	99
39) 2,4,5-Trichlorophenol	12.87	196	174708	20.77	ng/ul	97
40) 1,1'-Biphenyl	13.19	154	588966	19.71	ng/ul	98
41) 2-Chloronaphthalene	13.23	162	448996	19.63	ng/ul	98
42) 2-Nitroaniline	13.45	65	128847	20.97	ng/ul	98
44) Dimethylphthalate	13.82	163	552697	19.70	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	108280	20.29	ng/ul	97
47) Acenaphthylene	14.08	152	706259	19.97	ng/ul	99
48) 3-Nitroaniline	14.29	138	112583	21.19	ng/ul	99
49) Acenaphthene	14.42	153	479691	19.67	ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	46923	14.59	ng/ul	91
52) 4-Nitrophenol	14.60	109	77365	17.14	ng/ul	97
53) Dibenzofuran	14.76	168	690568	19.75	ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	161582	20.97	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.99	232	155438	20.73	ng/ul	98
56) Diethylphthalate	15.19	149	547604	19.60	ng/ul	98
58) Fluorene	15.41	166	558296	19.96	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.40	204	294586	19.81	ng/ul	98
60) 4-Nitroaniline	15.45	138	102717	18.98	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.51	198	86210	16.84	ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	482051	20.05	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	190604	19.88	ng/ul	96
66) Hexachlorobenzene	16.42	284	212638	20.06	ng/ul	98
67) Atrazine	16.58	200	180288	19.34	ng/ul	98
68) Pentachlorophenol	16.77	266	118064	19.74	ng/ul	99
69) Phenanthrene	17.15	178	886518	19.79	ng/ul	99
71) Anthracene	17.24	178	911330	20.02	ng/ul	100
72) Carbazole	17.52	167	798093	20.15	ng/ul	99
73) Di-n-butylphthalate	18.07	149	933266	21.06	ng/ul	99
74) Fluoranthene	19.17	202	1066218	20.26	ng/ul	98
77) Pyrene	19.53	202	1081631	20.29	ng/ul	99
78) Butylbenzylphthalate	20.43	149	429141	22.24	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.22	252	399878	21.70	ng/ul	99
80) Benzo(a)anthracene	21.29	228	1133653	20.45	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	635759	22.33	ng/ul	99
82) Chrysene	21.33	228	1063394	20.01	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	1116980	20.09	ng/ul	100
85) Benzo(b)fluoranthene	22.87	252	1185805	19.26	ng/ul	99
86) Benzo(k)fluoranthene	22.91	252	1124423	19.56	ng/ul	99
88) Benzo(a)pyrene	23.44	252	1160316	19.81	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.80	276	1399654	19.92	ng/ul	99
90) Dibenzo(a,h)anthracene	25.81	278	1175349	19.85	ng/ul	99
91) Benzo(g,h,i)perylene	26.50	276	1169187	19.86	ng/ul	98

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