Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM110716\
Data File : BM007772.D
Acq On : 07 Nov 2016 14:53
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 17:28:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02038

Manual Integrations APPROVED
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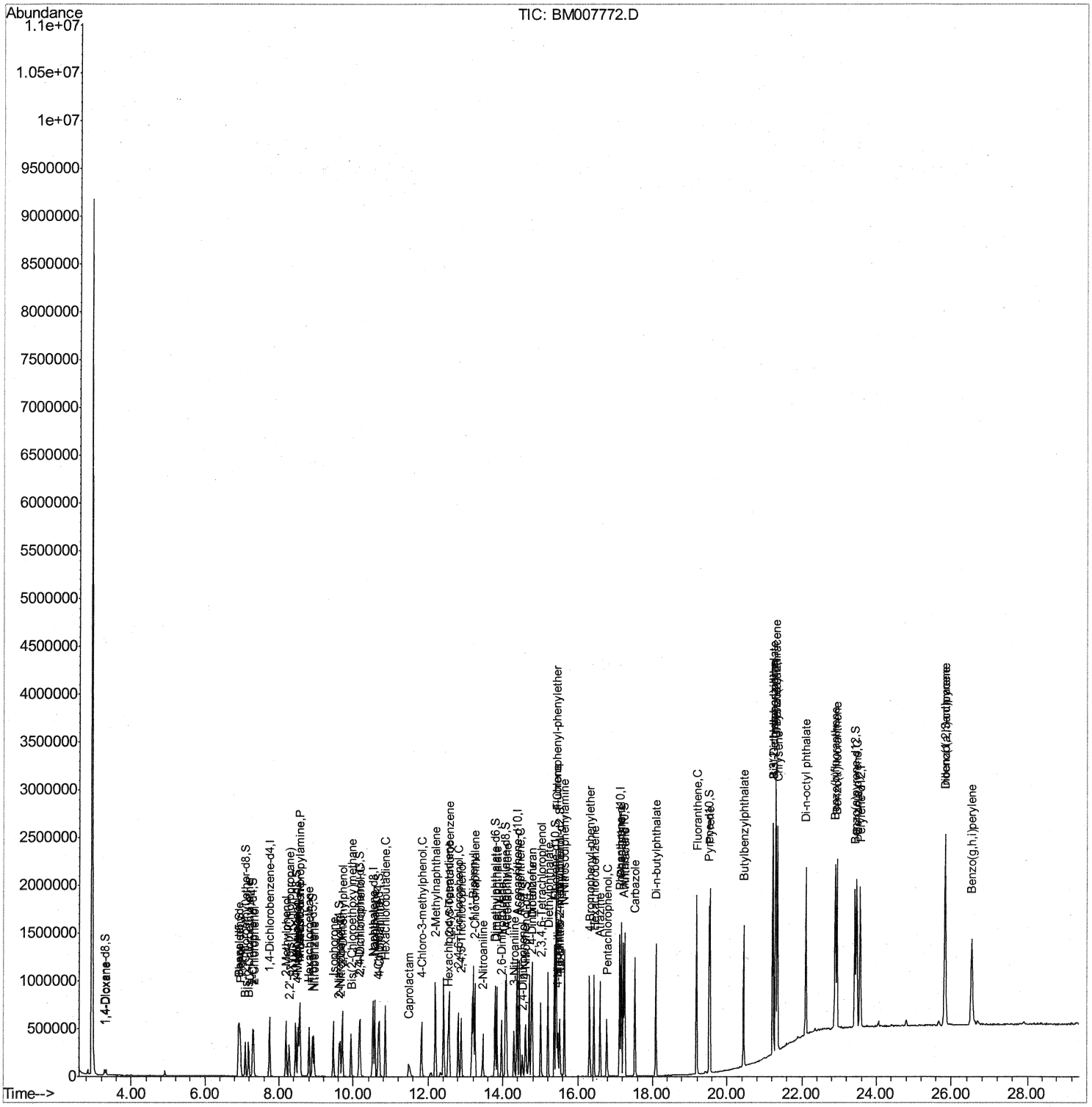
11/8/2016 3:15:19 PM



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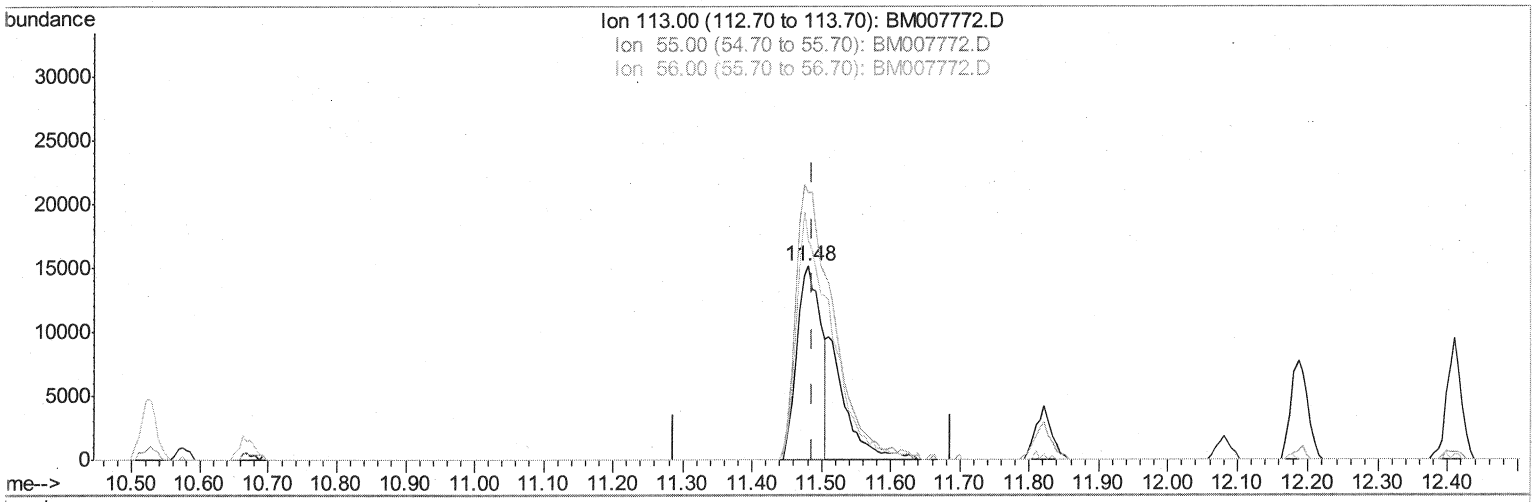

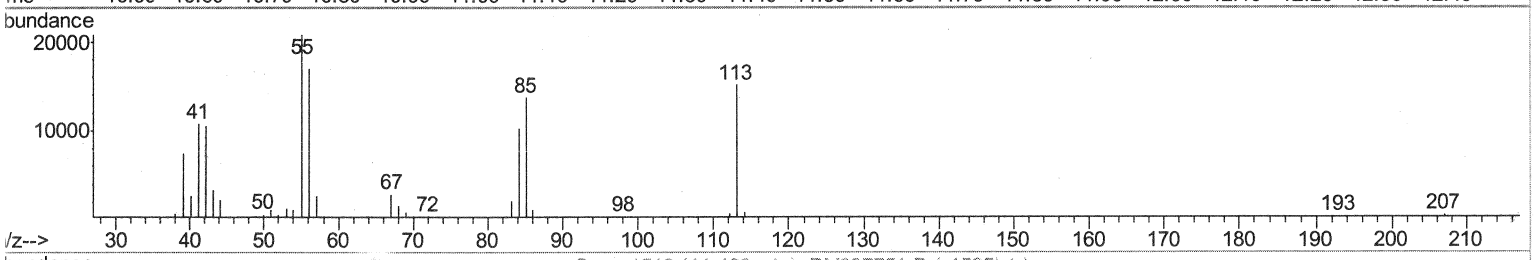

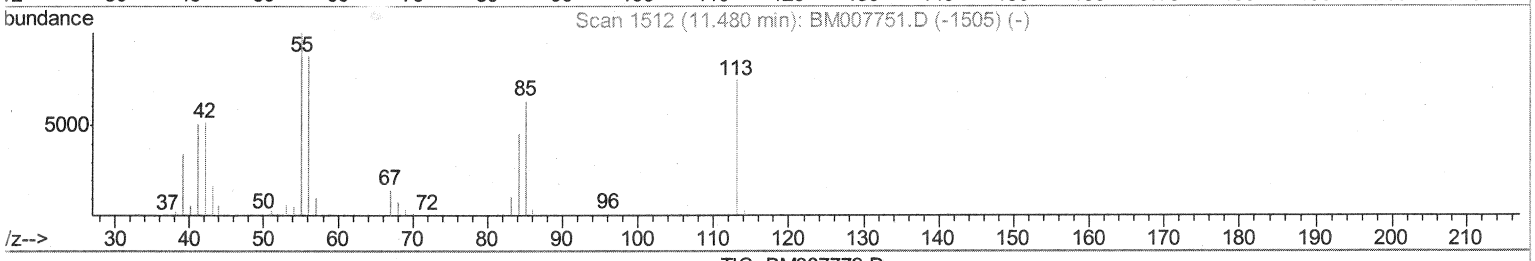

TIC: BM007772.D

(32) Caprolactam

11.480min (-0.006) 13.74ng/ul

response 35842

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	137.28
56.00	121.70	112.74
0.00	0.00	0.00

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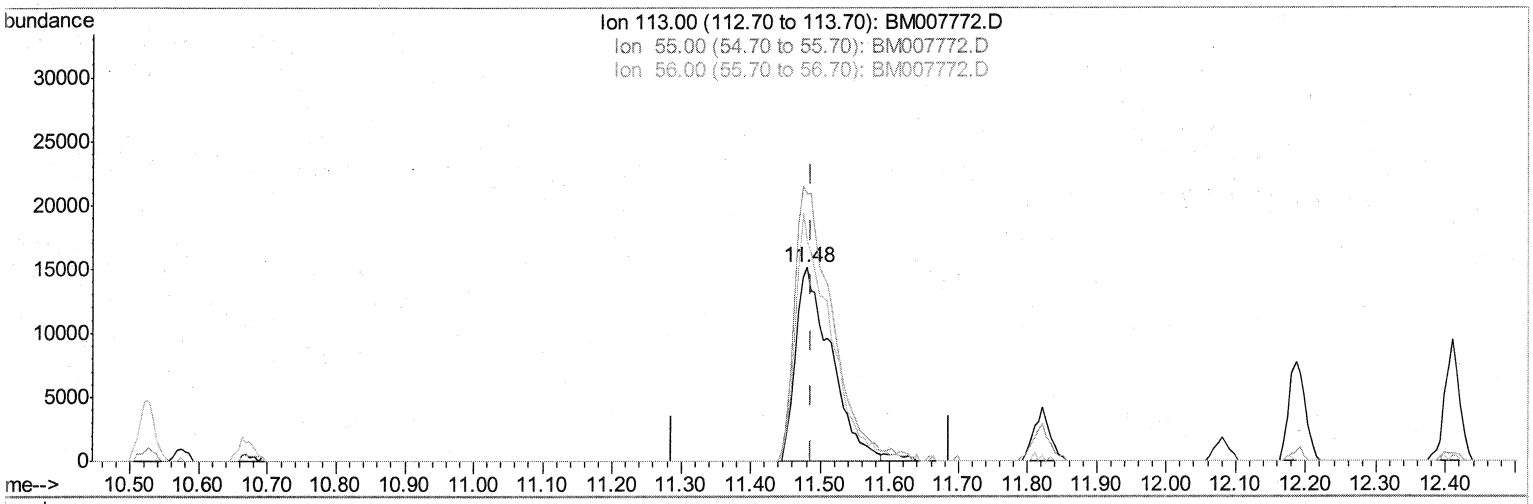

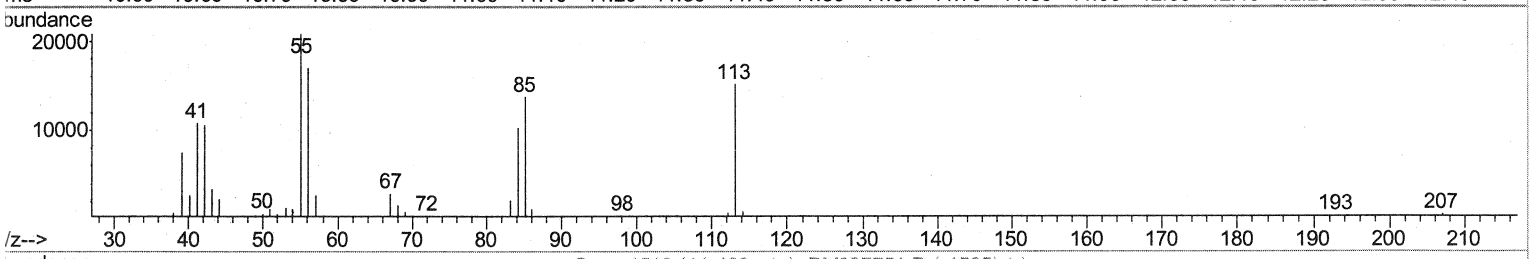

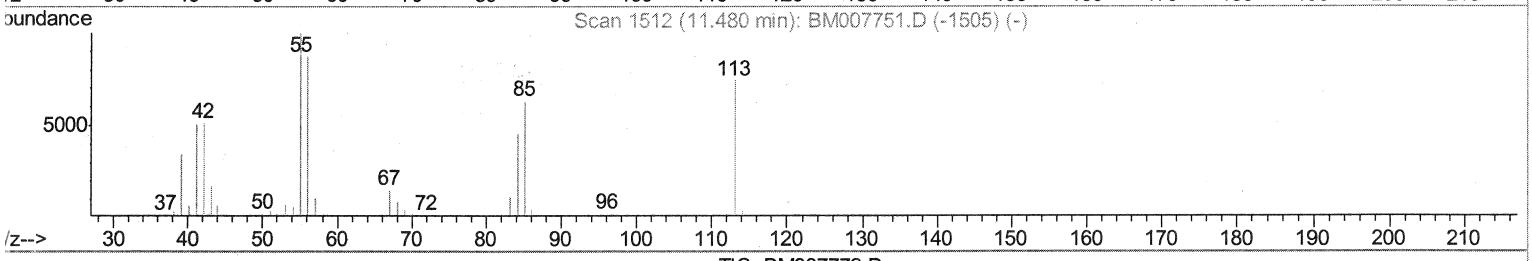

TIC: BM007772.D

(32) Caprolactam

11.480min (-0.006) 20.54ng/ul m SJ 11/8/16

response 53567

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	137.28
56.00	121.70	112.74
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	163662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	636699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	415063	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	832963	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1087336	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1104012	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	31000	8.12	ng/uL	0.00
5) Phenol-d5	6.92	99	258824	20.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	157833	21.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	207483	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	204568	20.70	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	98051	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	104095	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	203248	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	246202	22.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	594437	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	721513	21.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	90961	20.36	ng/ul	0.00
57) Fluorene-d10	15.37	176	517011	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	93094	18.81	ng/ul	0.00
70) Anthracene-d10	17.23	188	797424	21.24	ng/ul	0.00
76) Pyrene-d10	19.52	212	914585	20.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1015636	21.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	33151	7.94	ng/uL	94
4) Benzaldehyde	6.90	77	185897	23.27	ng/ul	99
6) Phenol	6.95	94	267186	20.61	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	209266	20.95	ng/ul	99
10) 2-Chlorophenol	7.32	128	210440	21.17	ng/ul	98
11) 2-Methylphenol	8.19	108	196369	20.81	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	229478	20.72	ng/ul	99
14) Acetophenone	8.57	105	320967	20.71	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	165165	21.47	ng/ul	93
16) 4-Methylphenol	8.52	108	209448	20.60	ng/ul	97
17) Hexachloroethane	8.81	117	91712	20.88	ng/ul	98
20) Nitrobenzene	8.95	77	244603	20.75	ng/ul	98
21) Isophorone	9.46	82	440096	21.83	ng/ul	98
23) 2-Nitrophenol	9.65	139	109855	21.64	ng/ul	97
24) 2,4-Dimethylphenol	9.71	107	248663	21.47	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	261072	21.17	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	201868	21.46	ng/ul	94
28) Naphthalene	10.57	128	640242	20.67	ng/ul	100
30) 4-Chloroaniline	10.69	127	249649	22.57	ng/ul	98
31) Hexachlorobutadiene	10.85	225	161654	21.09	ng/ul	98
32) Caprolactam	11.48	113	53567m	20.54	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	210850	21.38	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	461199	20.94	ng/ul	100

SJ 11/8/16

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	272708	20.35 ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	125240	15.87 ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	160638	21.55 ng/ul	100
39) 2,4,5-Trichlorophenol	12.88	196	171060	20.96 ng/ul	98
40) 1,1'-Biphenyl	13.21	154	603553	20.62 ng/ul	98
41) 2-Chloronaphthalene	13.25	162	466151	20.82 ng/ul	98
42) 2-Nitroaniline	13.47	65	131750	22.18 ng/ul	96
44) Dimethylphthalate	13.84	163	577030	21.02 ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	112170	21.73 ng/ul	97
47) Acenaphthylene	14.10	152	726768	21.07 ng/ul	99
48) 3-Nitroaniline	14.30	138	113885	22.31 ng/ul	94
49) Acenaphthene	14.44	153	486266	20.43 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	55722	17.53 ng/ul#	88
52) 4-Nitrophenol	14.61	109	89089	20.10 ng/ul	94
53) Dibenzofuran	14.78	168	708397	20.73 ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	167972	22.55 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.01	232	154682	21.25 ng/ul#	95
56) Diethylphthalate	15.20	149	575656	21.19 ng/ul	99
58) Fluorene	15.43	166	575539	21.09 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	303973	20.90 ng/ul	97
60) 4-Nitroaniline	15.46	138	108023	20.99 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.53	198	97078	18.99 ng/ul#	98
64) N-Nitrosodiphenylamine	15.64	169	497482	20.90 ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	196379	20.67 ng/ul	97
66) Hexachlorobenzene	16.43	284	217581	20.68 ng/ul	98
67) Atrazine	16.59	200	186165	20.30 ng/ul	98
68) Pentachlorophenol	16.79	266	114689	19.45 ng/ul	98
69) Phenanthrene	17.17	178	914374	20.65 ng/ul	100
71) Anthracene	17.26	178	947277	21.00 ng/ul	100
72) Carbazole	17.53	167	820522	21.02 ng/ul	100
73) Di-n-butylphthalate	18.09	149	943942	21.71 ng/ul	99
74) Fluoranthene	19.19	202	1107928	21.40 ng/ul	99
77) Pyrene	19.55	202	1149666	20.47 ng/ul	99
78) Butylbenzylphthalate	20.45	149	433812	21.71 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	405215	20.98 ng/ul	99
80) Benzo(a)anthracene	21.30	228	1215587	20.92 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	637351	21.66 ng/ul	99
82) Chrysene	21.35	228	1153646	20.66 ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1139002	20.35 ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	1262141	20.01 ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1248530	21.51 ng/ul	100
88) Benzo(a)pyrene	23.47	252	1238254	20.84 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.84	276	1484822	20.86 ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1242824	20.70 ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1235345	20.67 ng/ul	97

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