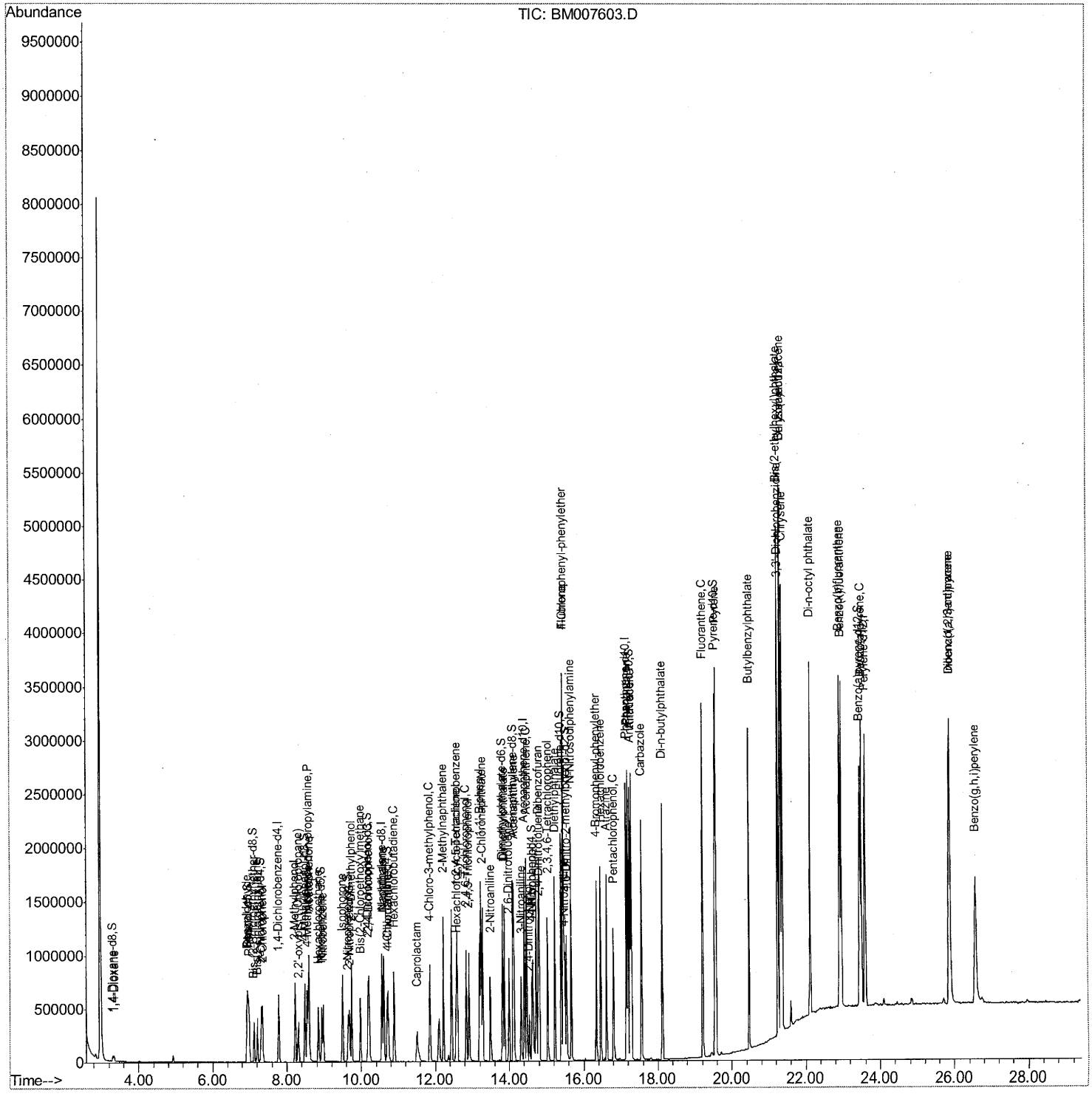
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092816\
Data File : BM007603.D
Acq On : 28 Sep 2016 15:19
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 16:13:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 28 13:23:56 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02058

Manual Integrations APPROVED
sohil
9/29/2016 6:55:22 PM



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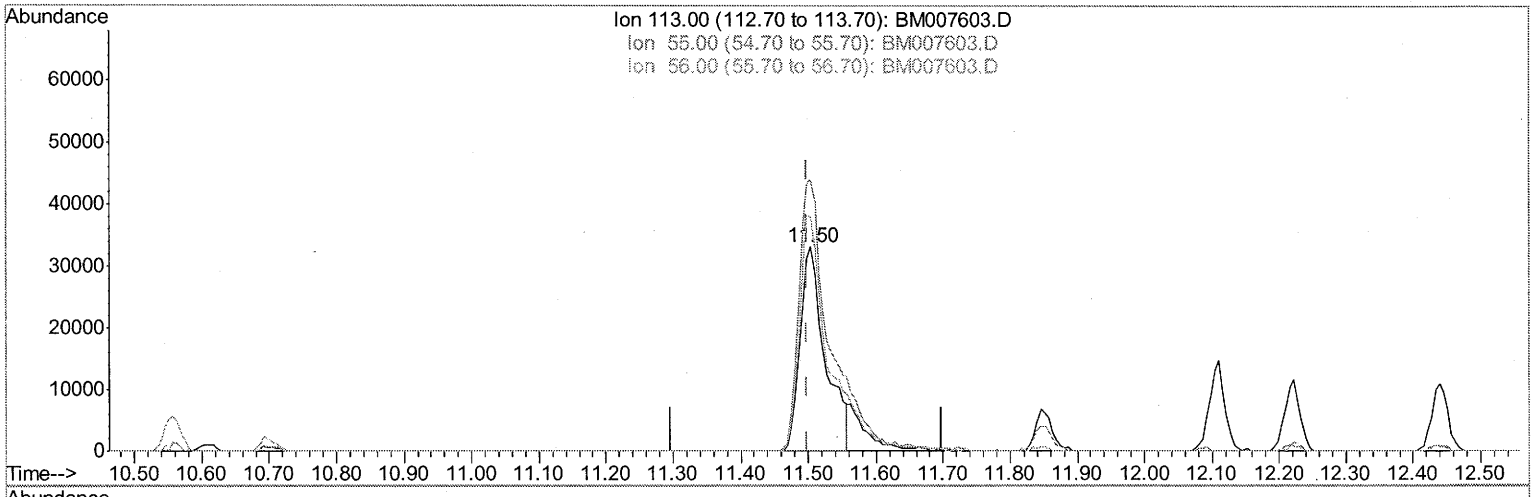

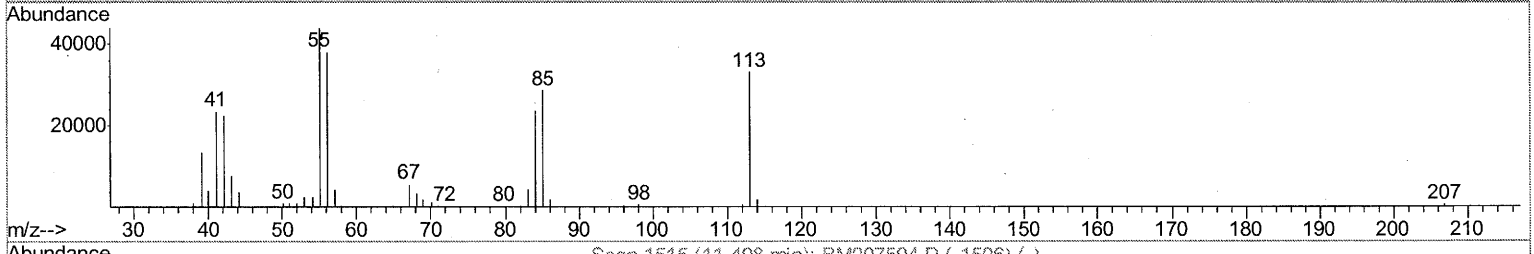

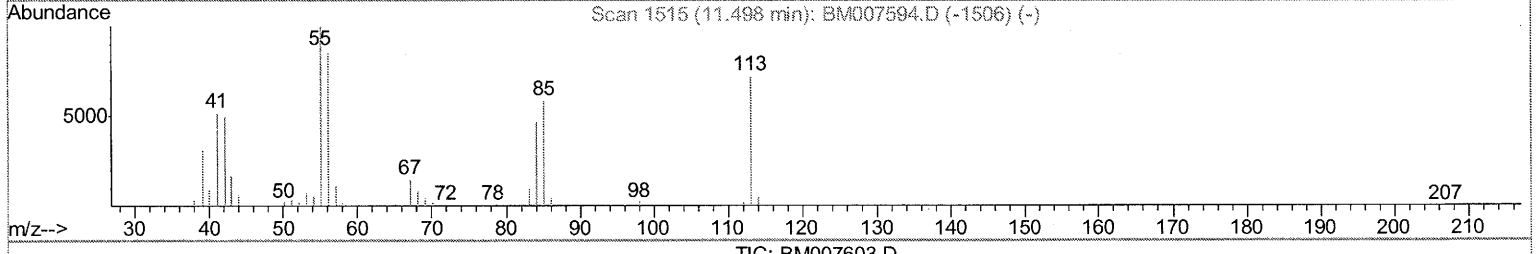

TIC: BM007603.D

(32) Caprolactam

11.504min (+0.006) 18.12ng/ul

response 85637

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	132.80
56.00	121.70	114.95
0.00	0.00	0.00

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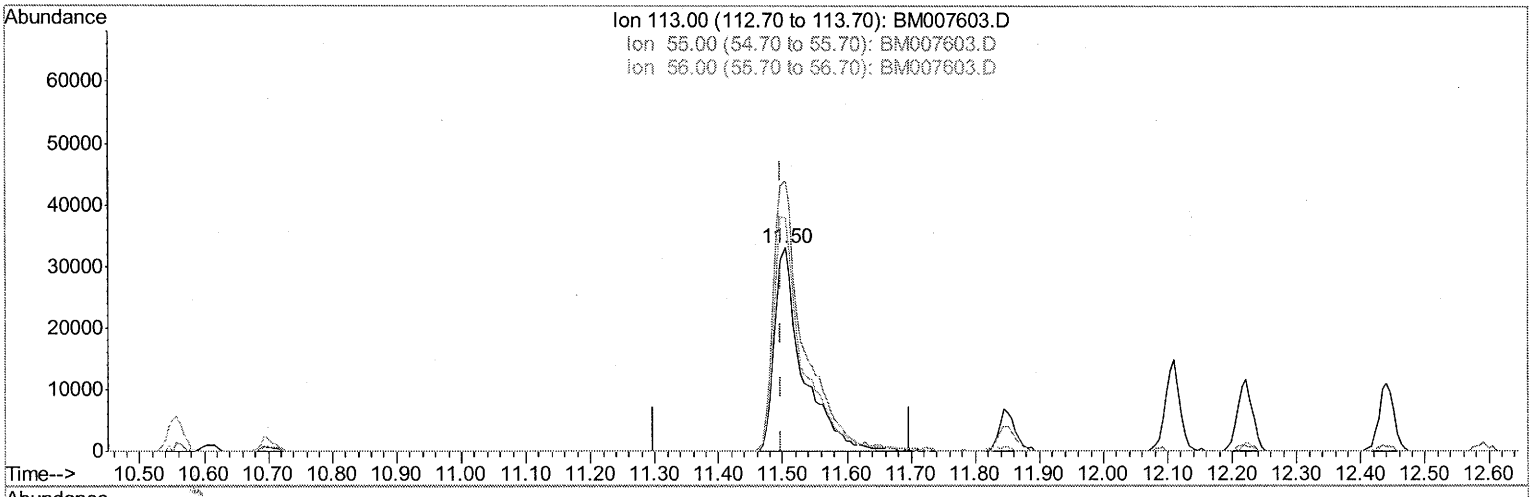

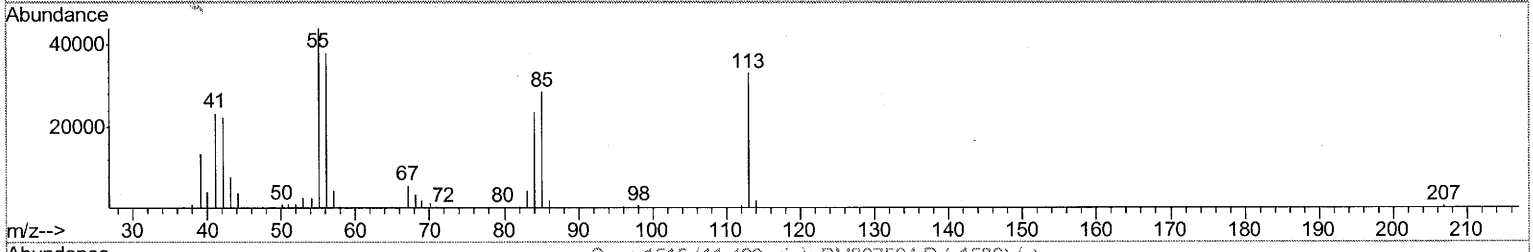

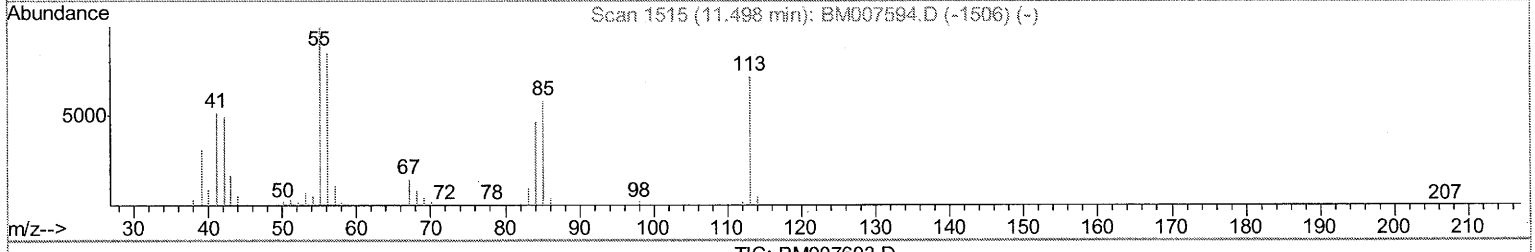

TIC: BM007603.D

(32) Caprolactam

11.504min (+0.006) 20.84ng/ul m UM

response 98498 09/29/16

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	132.80
56.00	121.70	114.95
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	7.77	152	168171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	809917	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	648463	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1500164	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2010390	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	1885731	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	28006	8.19	ng/uL	0.00
5) Phenol-d5	6.95	99	303856	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	168138	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	227855	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	260782	20.47	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	120463	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	135936	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	276877	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	290245	21.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	977439	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1139061	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	160425	19.27	ng/ul	0.00
57) Fluorene-d10	15.40	176	853069	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	175817	19.21	ng/ul	0.00
70) Anthracene-d10	17.25	188	1415970	20.54	ng/ul	0.00
76) Pyrene-d10	19.54	212	1746388	21.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	1734600	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	31940	8.90	ng/uL	94
4) Benzaldehyde	6.93	77	210137	20.99	ng/ul	97
6) Phenol	6.97	94	312080	20.60	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	229122	21.12	ng/ul	95
10) 2-Chlorophenol	7.35	128	228781	21.05	ng/ul	98
11) 2-Methylphenol	8.22	108	240520	20.60	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	255277	21.63	ng/ul	96
14) Acetophenone	8.60	105	411043	21.18	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.58	70	215715	21.90	ng/ul	94
16) 4-Methylphenol	8.55	108	272536	20.86	ng/ul	99
17) Hexachloroethane	8.84	117	92287	20.75	ng/ul	90
20) Nitrobenzene	8.97	77	307931	20.75	ng/ul	97
21) Isophorone	9.49	82	601404	21.19	ng/ul	98
23) 2-Nitrophenol	9.68	139	144467	21.10	ng/ul	95
24) 2,4-Dimethylphenol	9.74	107	329171	20.79	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.97	93	338729	20.91	ng/ul	98
27) 2,4-Dichlorophenol	10.21	162	270868	20.97	ng/ul	97
28) Naphthalene	10.60	128	808152	20.65	ng/ul	100
30) 4-Chloroaniline	10.72	127	291658	20.25	ng/ul	95
31) Hexachlorobutadiene	10.89	225	181853	19.27	ng/ul	99
32) Caprolactam	11.50	113	98498m	20.84	ng/ul	94
33) 4-Chloro-3-methylphenol	11.85	107	338502	21.53	ng/ul	94
34) 2-Methylnaphthalene	12.22	142	640712	20.87	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	387961	20.29 ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	176603	17.20 ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	250679	20.55 ng/ul	97
39) 2,4,5-Trichlorophenol	12.91	196	275066	20.61 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	895288	20.79 ng/ul	99
41) 2-Chloronaphthalene	13.28	162	691962	20.65 ng/ul	100
42) 2-Nitroaniline	13.49	65	224635	21.82 ng/ul	98
44) Dimethylphthalate	13.87	163	946066	20.68 ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	191993	21.16 ng/ul	97
47) Acenaphthylene	14.13	152	1140763	20.99 ng/ul	99
48) 3-Nitroaniline	14.32	138	187441	20.32 ng/ul	92
49) Acenaphthene	14.47	153	773925	20.71 ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	103733	17.11 ng/ul#	86
52) 4-Nitrophenol	14.63	109	159908	18.45 ng/ul	94
53) Dibenzofuran	14.80	168	1134564	20.58 ng/ul	96
54) 2,4-Dinitrotoluene	14.78	165	295625	21.12 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.03	232	275142	20.83 ng/ul#	96
56) Diethylphthalate	15.23	149	956833	20.50 ng/ul	100
58) Fluorene	15.46	166	930915	20.46 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.45	204	487386	20.36 ng/ul	98
60) 4-Nitroaniline	15.49	138	209729	20.68 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.54	198	178828	19.03 ng/ul	100
64) N-Nitrosodiphenylamine	15.67	169	840723	20.74 ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	333829	20.42 ng/ul	96
66) Hexachlorobenzene	16.46	284	368403	20.00 ng/ul	95
67) Atrazine	16.62	200	339347	20.11 ng/ul	99
68) Pentachlorophenol	16.80	266	218749	18.97 ng/ul	98
69) Phenanthrene	17.19	178	1617960	20.37 ng/ul	99
71) Anthracene	17.29	178	1665065	20.65 ng/ul	99
72) Carbazole	17.56	167	1488638	20.77 ng/ul	99
73) Di-n-butylphthalate	18.12	149	1682682	20.76 ng/ul	99
74) Fluoranthene	19.21	202	2065470	20.62 ng/ul	100
77) Pyrene	19.57	202	2173509	22.04 ng/ul	98
78) Butylbenzylphthalate	20.47	149	847316	22.38 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.26	252	696889	18.87 ng/ul	99
80) Benzo(a)anthracene	21.32	228	2276327	20.72 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	1223385	22.41 ng/ul	100
82) Chrysene	21.37	228	2161428	20.60 ng/ul	100
84) Di-n-octyl phthalate	22.13	149	2201277	24.17 ng/ul	98
85) Benzo(b)fluoranthene	22.91	252	2305541	21.79 ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2139136	21.02 ng/ul	99
88) Benzo(a)pyrene	23.50	252	2109398	20.78 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.88	276	2166991	19.32 ng/ul	99
90) Dibenzo(a,h)anthracene	25.89	278	1775000	19.22 ng/ul	99
91) Benzo(g,h,i)perylene	26.58	276	1789846	19.03 ng/ul	98

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