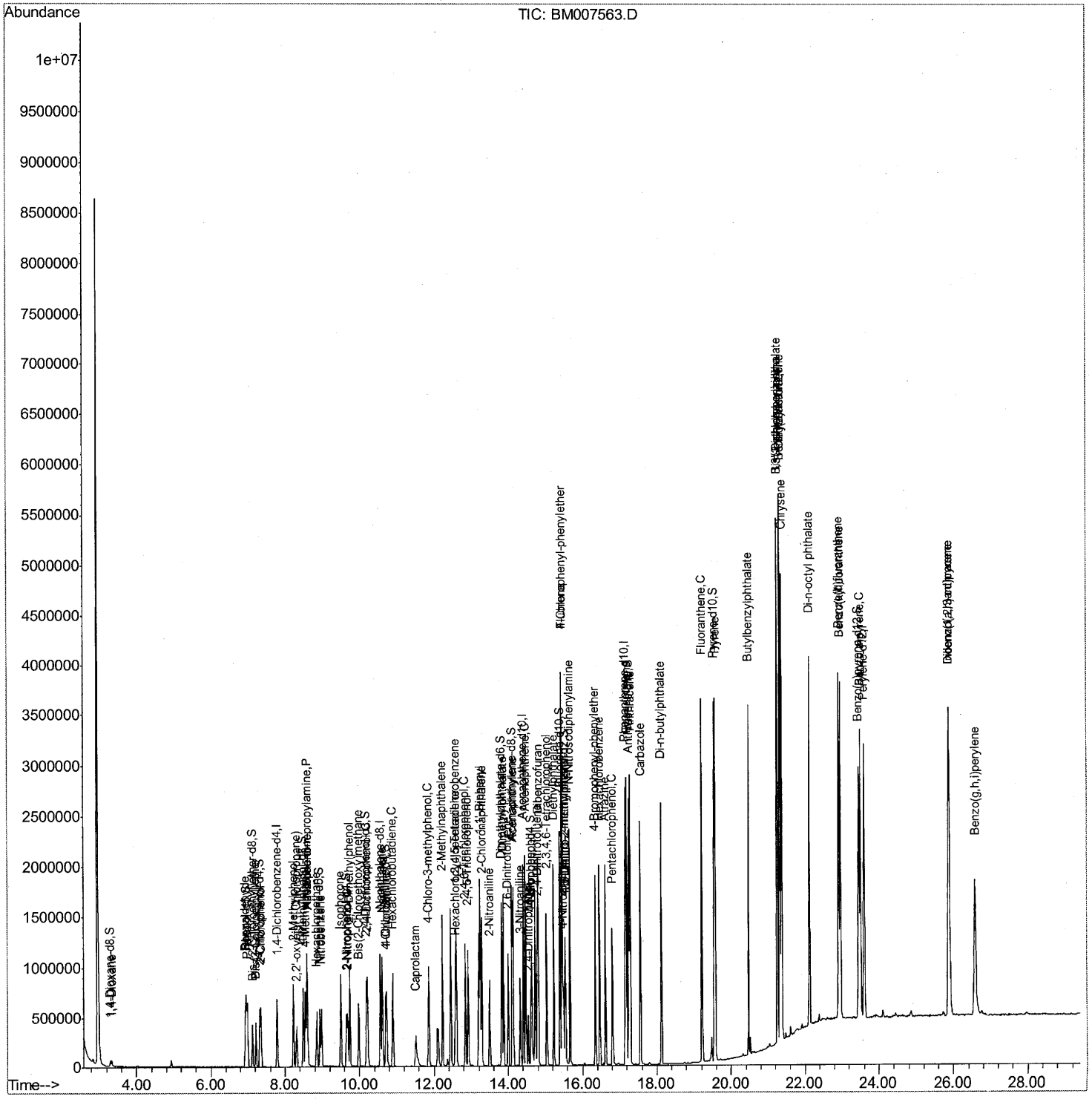
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
Data File : BM007563.D
Acq On : 24 Sep 2016 15:00
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 26 03:53:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 03:32:16 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02052

Manual Integrations APPROVED
sohil
9/26/2016 6:35:26 PM



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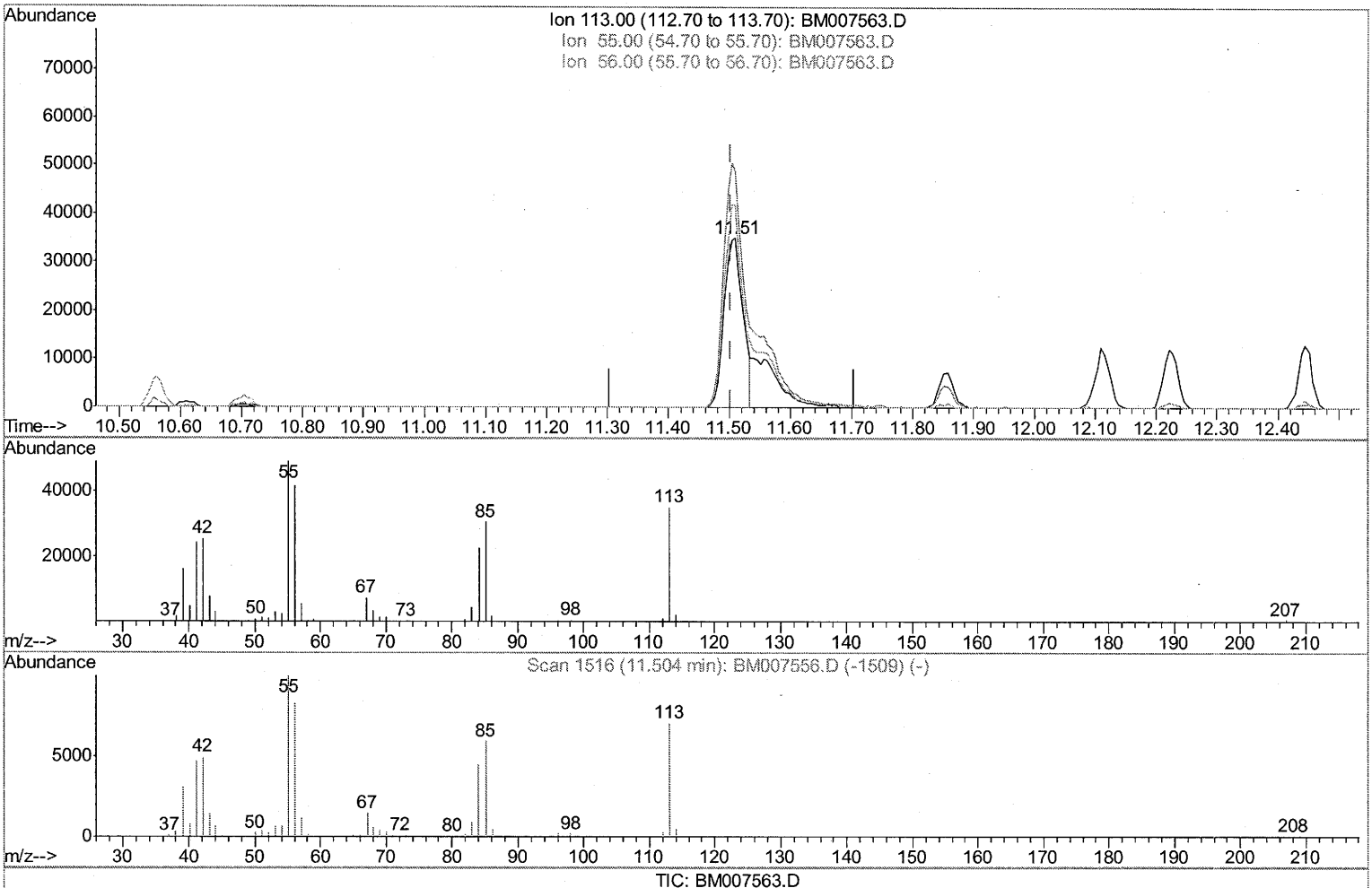

TIC: BM007563.D

(32) Caprolactam

11.510min (+0.006) 14.68ng/ul

response 75483

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	139.47
56.00	121.70	118.69
0.00	0.00	0.00

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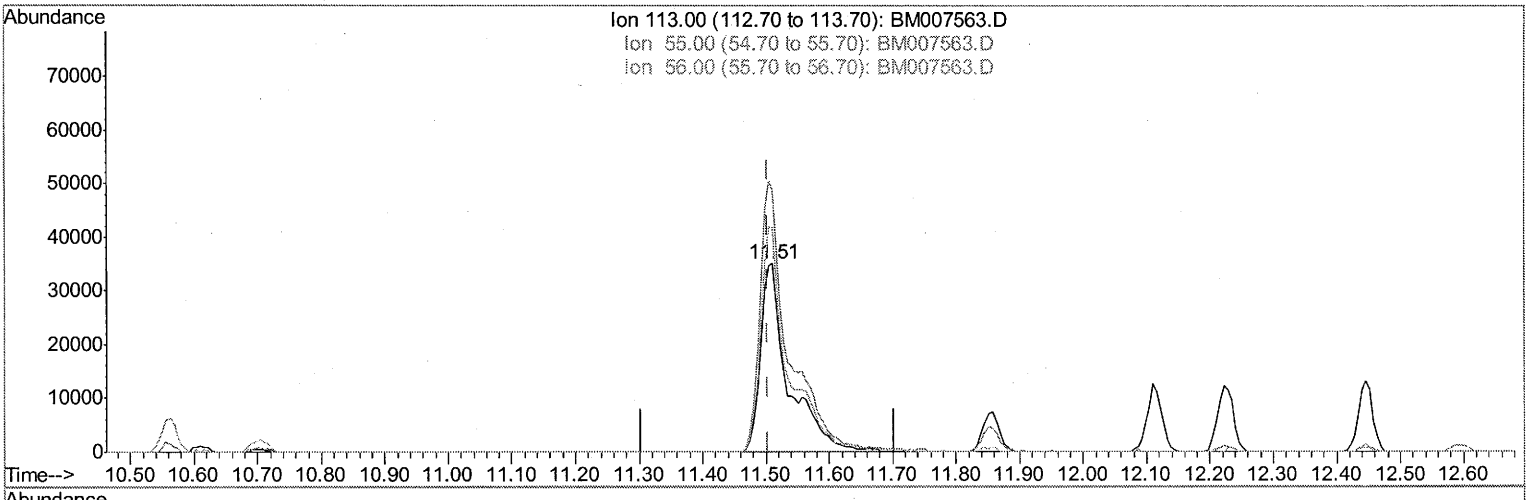

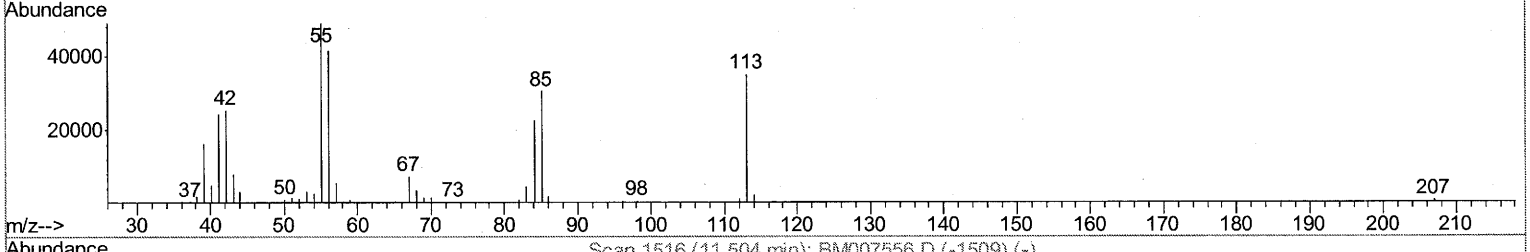

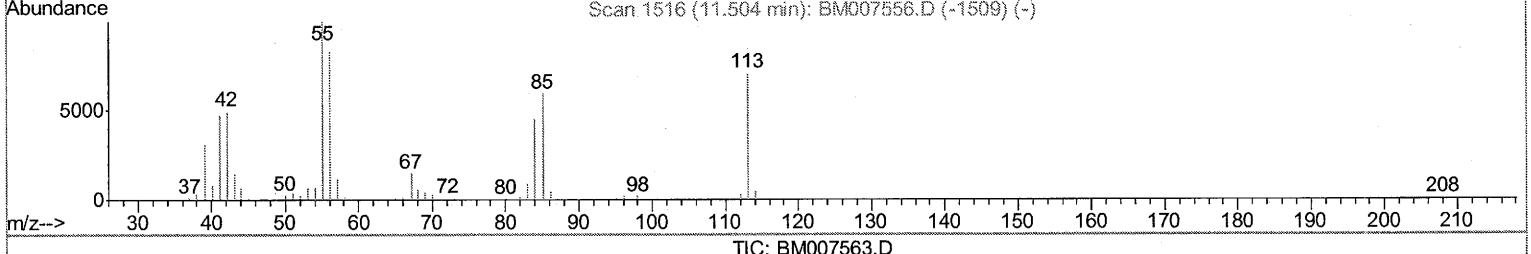

TIC: BM007563.D

(32) Caprolactam

11.510min (+0.006) 20.93ng/ul m UM

response 107588 09/26/16

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	139.47
56.00	121.70	118.69
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	7.78	152	183060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	880922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	706491	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1611855	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2147627	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2067370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	30033	8.06	ng/uL	0.00
5) Phenol-d5	6.95	99	334633	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	184539	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	250100	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	293212	21.14	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	133104	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	154620	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	306634	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	320883	21.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1071026	20.84	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1234512	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	181524	20.01	ng/ul	0.00
57) Fluorene-d10	15.40	176	926879	20.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	190775	19.40	ng/ul	0.00
70) Anthracene-d10	17.26	188	1517542	20.49	ng/ul	0.00
76) Pyrene-d10	19.55	212	1901045	22.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1932121	21.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	33662	8.62	ng/uL	97
4) Benzaldehyde	6.93	77	225923	20.73	ng/ul	98
6) Phenol	6.98	94	337439	20.47	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.21	93	251293	21.28	ng/ul	98
10) 2-Chlorophenol	7.35	128	248113	20.97	ng/ul	99
11) 2-Methylphenol	8.22	108	266052	20.94	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.31	45	277876	21.63	ng/ul	96
14) Acetophenone	8.60	105	445707	21.10	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	236806	22.08	ng/ul	93
16) 4-Methylphenol	8.55	108	300717	21.15	ng/ul	98
17) Hexachloroethane	8.85	117	99541	20.56	ng/ul	97
20) Nitrobenzene	8.97	77	336047	20.82	ng/ul	97
21) Isophorone	9.50	82	659048	21.34	ng/ul	99
23) 2-Nitrophenol	9.69	139	159462	21.42	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	362094	21.02	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	376108	21.35	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	299761	21.34	ng/ul	99
28) Naphthalene	10.61	128	881202	20.71	ng/ul	99
30) 4-Chloroaniline	10.73	127	328797	20.99	ng/ul	95
31) Hexachlorobutadiene	10.89	225	210763	20.54	ng/ul	98
32) Caprolactam	11.51	113	107588m	20.93	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	376719	22.03	ng/ul	93
34) 2-Methylnaphthalene	12.22	142	704394	21.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	427876	20.54 ng/ul	97
37) Hexachlorocyclopentadiene	12.57	237	207675	18.56 ng/ul	98
38) 2,4,6-Trichlorophenol	12.84	196	280384	21.10 ng/ul	96
39) 2,4,5-Trichlorophenol	12.92	196	312995	21.52 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	964510	20.56 ng/ul	97
41) 2-Chloronaphthalene	13.29	162	745263	20.42 ng/ul	99
42) 2-Nitroaniline	13.50	65	245201	21.86 ng/ul	98
44) Dimethylphthalate	13.87	163	1038142	20.83 ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	210697	21.31 ng/ul#	87
47) Acenaphthylene	14.13	152	1219516	20.60 ng/ul	99
48) 3-Nitroaniline	14.33	138	213873	21.28 ng/ul	93
49) Acenaphthene	14.47	153	836495	20.55 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	116568	17.65 ng/ul	87
52) 4-Nitrophenol	14.64	109	186733	19.77 ng/ul	90
53) Dibenzofuran	14.81	168	1226715	20.43 ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	322377	21.14 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	306225	21.28 ng/ul	96
56) Diethylphthalate	15.23	149	1069825	21.04 ng/ul	100
58) Fluorene	15.46	166	1018228	20.54 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	534054	20.47 ng/ul	99
60) 4-Nitroaniline	15.49	138	232389	21.03 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.55	198	199534	19.76 ng/ul	97
64) N-Nitrosodiphenylamine	15.67	169	904021	20.76 ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	363071	20.67 ng/ul	98
66) Hexachlorobenzene	16.46	284	409625	20.70 ng/ul	96
67) Atrazine	16.62	200	376103	20.75 ng/ul	98
68) Pentachlorophenol	16.81	266	248101	20.02 ng/ul	97
69) Phenanthrene	17.20	178	1736963	20.35 ng/ul	100
71) Anthracene	17.29	178	1773133	20.47 ng/ul	99
72) Carbazole	17.56	167	1588492	20.63 ng/ul	99
73) Di-n-butylphthalate	18.12	149	1868769	21.45 ng/ul	99
74) Fluoranthene	19.22	202	2260419	21.00 ng/ul	98
77) Pyrene	19.58	202	2308896	21.91 ng/ul	97
78) Butylbenzylphthalate	20.47	149	935835	23.14 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	827095	20.96 ng/ul	97
80) Benzo(a)anthracene	21.32	228	2451015	20.89 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	1356078	23.26 ng/ul	98
82) Chrysene	21.37	228	2322687	20.72 ng/ul	100
84) Di-n-octyl phthalate	22.13	149	2416261	24.20 ng/ul	99
85) Benzo(b)fluoranthene	22.92	252	2550103	21.98 ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	2333068	20.91 ng/ul	99
88) Benzo(a)pyrene	23.50	252	2329654	20.93 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.89	276	2423306	19.71 ng/ul	100
90) Dibenzo(a,h)anthracene	25.90	278	2012403	19.88 ng/ul	99
91) Benzo(g,h,i)perylene	26.59	276	1986764	19.26 ng/ul	98

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