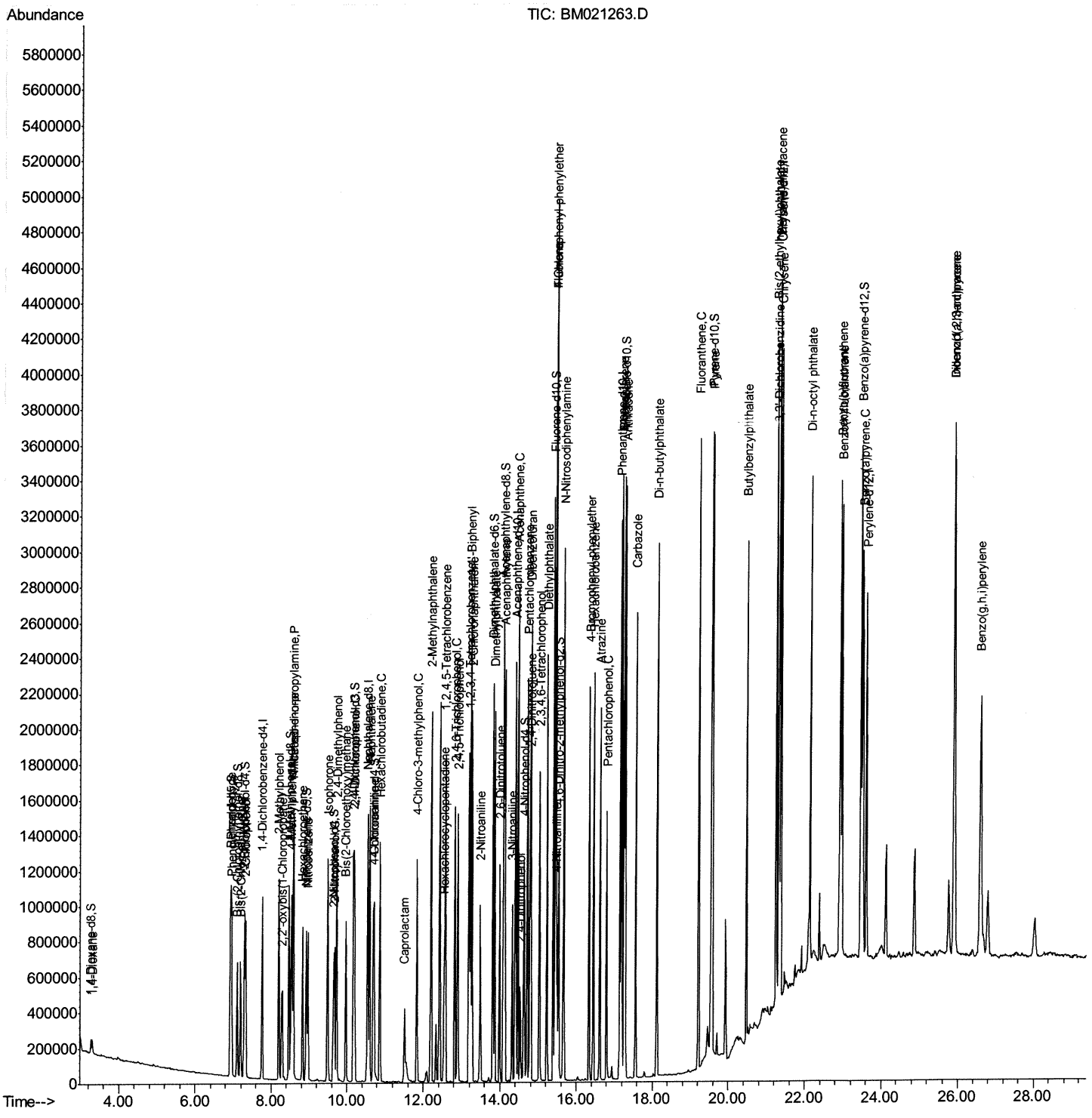
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021263.D
Acq On : 29 Jun 2019 15:50
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 29 23:19:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02053

Manual Integrations APPROVED
mohammad
7/1/2019 2:42:50 PM



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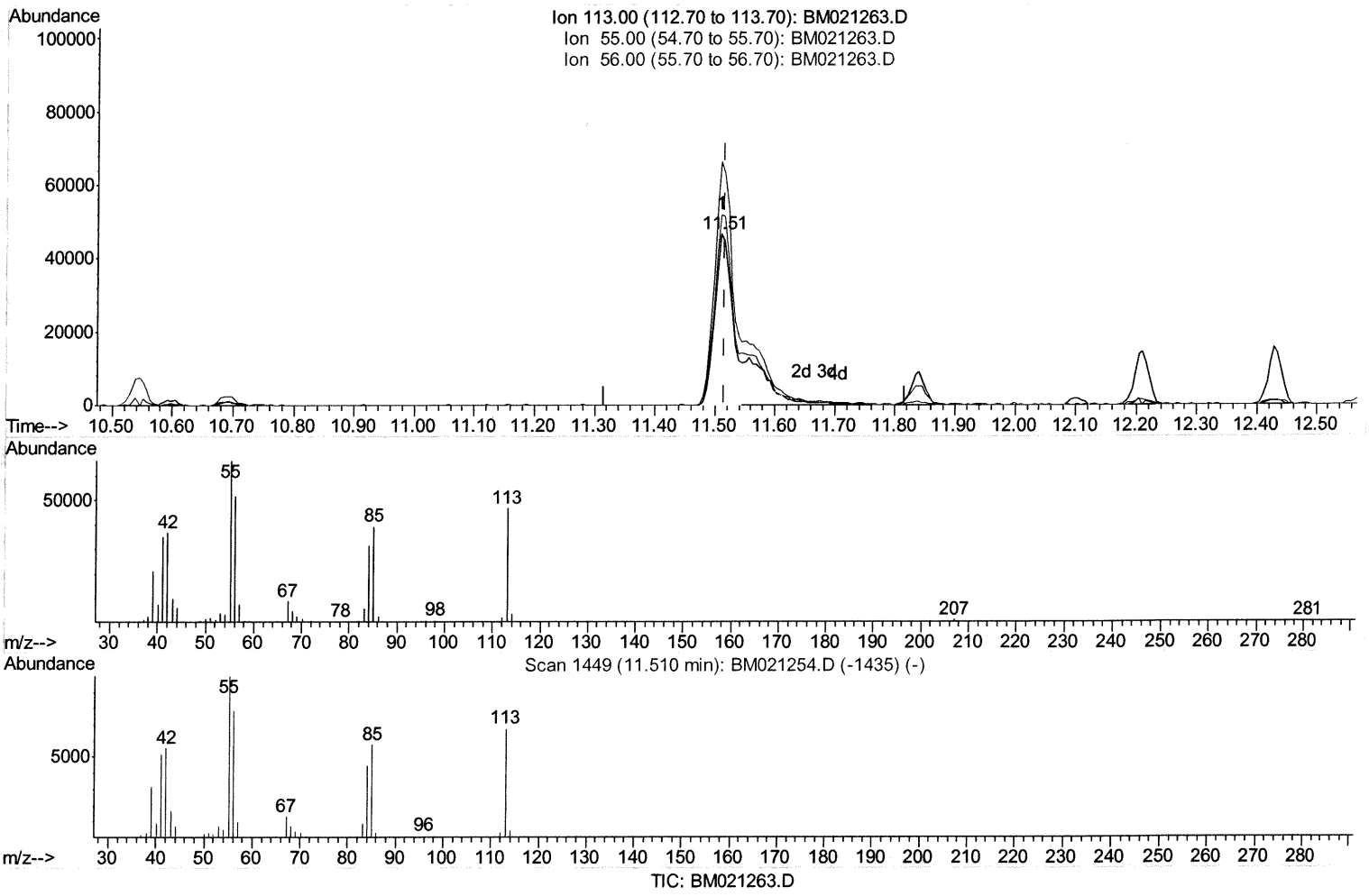

TIC: BM021263.D

(32) Caprolactam

11.510min (-0.006) 16.05ng/ul

response 95067

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	142.03
56.00	113.80	111.27
0.00	0.00	0.00

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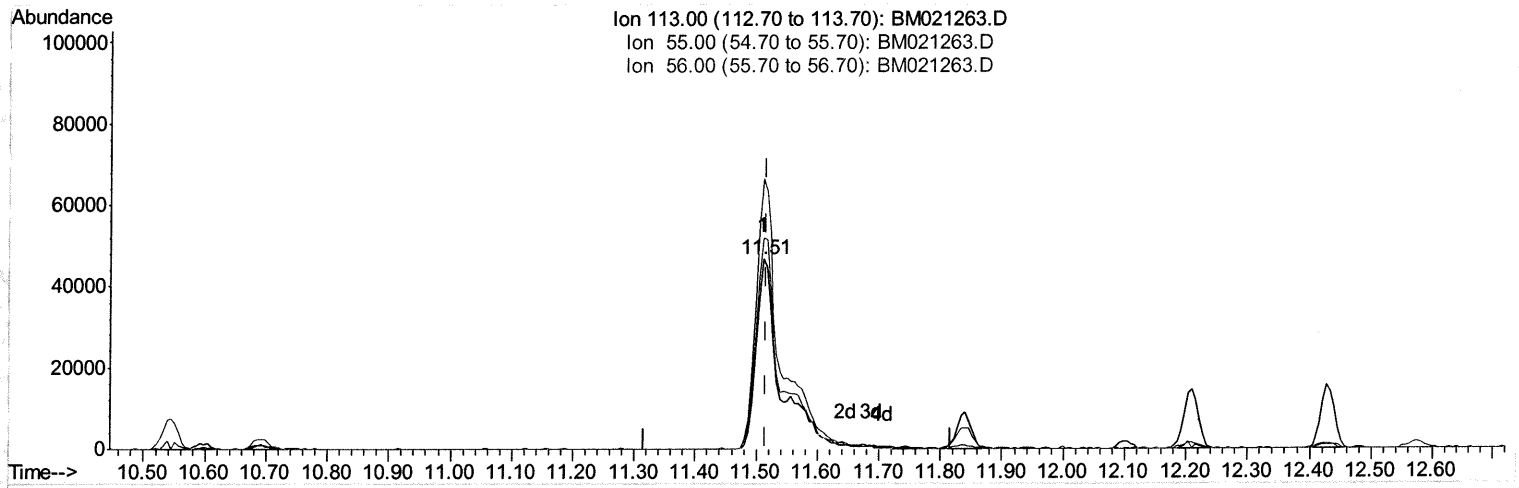

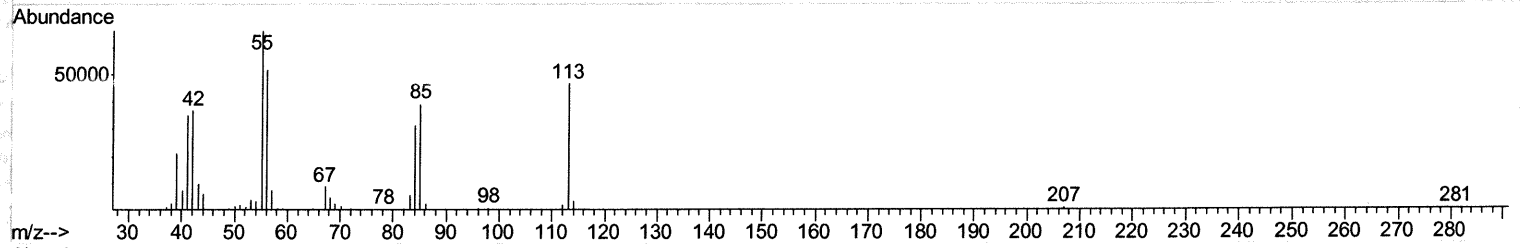

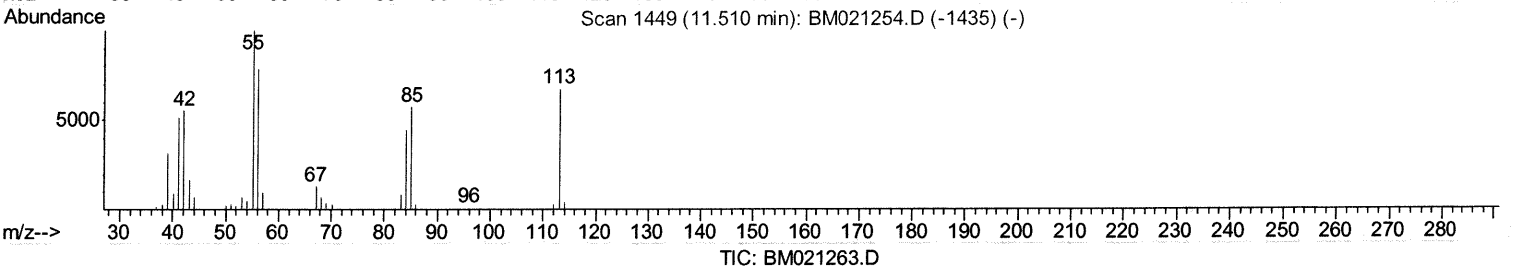

TIC: BM021263.D

(32) Caprolactam

11.510min (-0.006) 22.28ng/ul m JU 07/01/19

response 131969

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	142.03
56.00	113.80	111.27
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	7.76	152	288327	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1262709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	810592	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1827701	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1389810	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1523464	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	39587	6.52	ng/uL	0.00
5) Phenol-d5	6.93	99	501734	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	288568	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	417383	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	429535	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	214340	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	256565	22.54	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	505932	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	469055	19.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1504059	20.54	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1867647	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	230465	19.34	ng/ul	0.00
57) Fluorene-d10	15.40	176	1297248	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	225603	20.08	ng/ul	0.00
70) Anthracene-d10	17.25	188	1927561	20.29	ng/ul	0.00
78) Pyrene-d10	19.54	212	1826153	21.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1822599	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	41545	6.762	ng/uL	98
4) Benzaldehyde	6.92	77	195042	17.047	ng/ul	97
6) Phenol	6.96	94	471721	19.872	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	355217	19.607	ng/ul	99
10) 2-Chlorophenol	7.32	128	394552	20.532	ng/ul	99
11) 2-Methylphenol	8.20	108	373496	20.336	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	444847	19.229	ng/ul	100
14) Acetophenone	8.59	105	613771	20.357	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	320576	20.430	ng/ul	97
16) 4-Methylphenol	8.53	108	407338	20.380	ng/ul	97
17) Hexachloroethane	8.82	117	157258	19.633	ng/ul	98
20) Nitrobenzene	8.96	77	457634	19.868	ng/ul	99
21) Isophorone	9.49	82	897306	20.685	ng/ul	98
23) 2-Nitrophenol	9.67	139	247858	21.658	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	480985	20.572	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	532451	19.918	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	451259	21.419	ng/ul	98
28) Naphthalene	10.60	128	1310149	20.209	ng/ul	100
30) 4-Chloroaniline	10.72	127	443834	19.550	ng/ul	99
31) Hexachlorobutadiene	10.86	225	297465	20.722	ng/ul	99
32) Caprolactam	11.51	113	131969m?	22.281	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	456744	21.264	ng/ul	97
34) 2-Methylnaphthalene	12.21	142	1021640	20.552	ng/ul	99

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7/1/2019 2:42:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	600643	20.756	ng/ul	100
37) Hexachlorocyclopentadiene	12.55	237	232030	13.478	ng/ul	99
38) 2,4,6-Trichlorophenol	12.83	196	393382	21.875	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	416727	21.694	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	1350669	20.199	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	1080790	20.458	ng/ul	100
42) 2-Nitroaniline	13.49	65	272341	21.212	ng/ul	100
44) Dimethylphthalate	13.86	163	1354001	20.308	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	278013	21.848	ng/ul	92
47) Acenaphthylene	14.12	152	1597707	20.814	ng/ul	99
48) 3-Nitroaniline	14.32	138	249188	22.369	ng/ul	95
49) Acenaphthene	14.46	153	1144963	20.345	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	121711	19.039	ng/ul	93
52) 4-Nitrophenol	14.63	109	166092	18.848	ng/ul	96
53) Dibenzofuran	14.80	168	1625409	20.285	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	403308	21.840	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	373626	22.305	ng/ul	99
56) Diethylphthalate	15.23	149	1319006	20.505	ng/ul	99
58) Fluorene	15.45	166	1321975	20.306	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	727106	20.485	ng/ul	100
60) 4-Nitroaniline	15.49	138	244857	20.679	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.54	198	219966	19.503	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	1149603	20.769	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	470568	20.995	ng/ul	99
66) Hexachlorobenzene	16.44	284	535932	20.864	ng/ul	99
67) Atrazine	16.62	200	412984	20.565	ng/ul	98
68) Pentachlorophenol	16.80	266	290364	22.544	ng/ul	98
69) Phenanthrene	17.19	178	2044414	20.225	ng/ul	100
71) Anthracene	17.29	178	2091313	20.303	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	599616	20.855	ng/uL	99
73) Pentachlorobenzene	14.72	250	619870	20.952	ng/uL	97
74) Carbazole	17.56	167	1710169	20.145	ng/ul	100
75) Di-n-butylphthalate	18.12	149	2149205	21.087	ng/ul	100
76) Fluoranthene	19.21	202	2184191	19.998	ng/ul	100
79) Pyrene	19.57	202	2159327	21.977	ng/ul	98
80) Butylbenzylphthalate	20.47	149	840752	23.116	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.26	252	625970	20.095	ng/ul	99
82) Benzo(a)anthracene	21.32	228	1915467	20.216	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	1164011	22.478	ng/ul#	99
84) Chrysene	21.37	228	1793771	20.214	ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1862566	21.217	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1937053	20.072	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	1794595	19.330	ng/ul	100
90) Benzo(a)pyrene	23.51	252	1816304	19.996	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	2291312	21.422	ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	1923204	21.374	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	1906120	21.638	ng/ul	98

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