

(QT Reviewed)

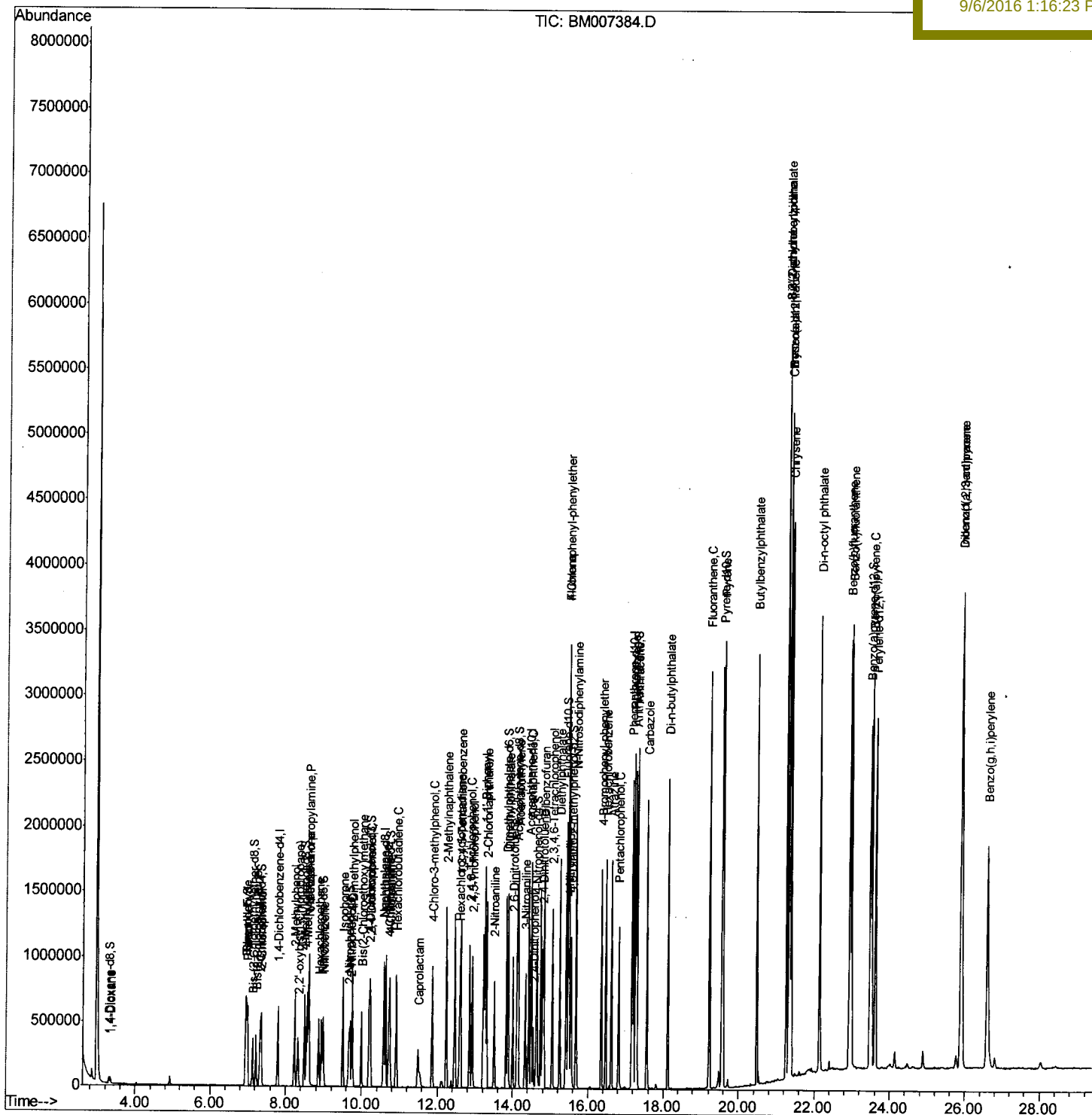
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Data Path   : Z:\HPCHEM1\BNA_M\DATA\BM090316\  
Data File  : BM007384.D  
Acq On     : 03 Sep 2016   01:10  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Quant Time: Sep 03 01:43:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 03 00:40:49 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02041

Manual Integrations
APPROVED

sohil
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Quantitation Report (Qedit)

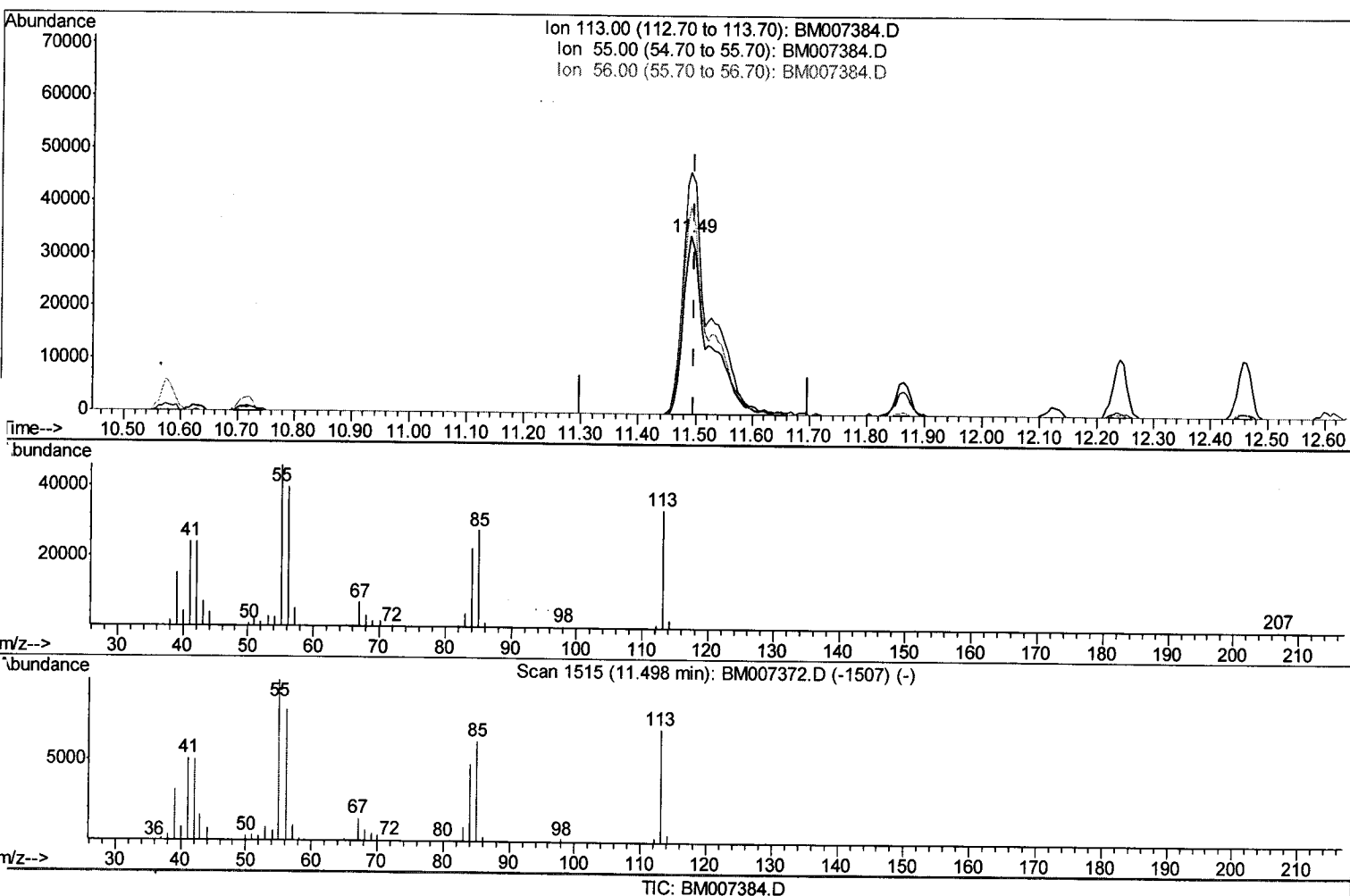
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Quant Time: Sep 03 01:41:19 2016
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(32) Caprolactam

11.492min (-0.006) 19.89ng/ul m U.M
 response 104164 09/07/16

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	135.81
56.00	121.70	116.95
0.00	0.00	0.00

Quantitation Report (Qedit)

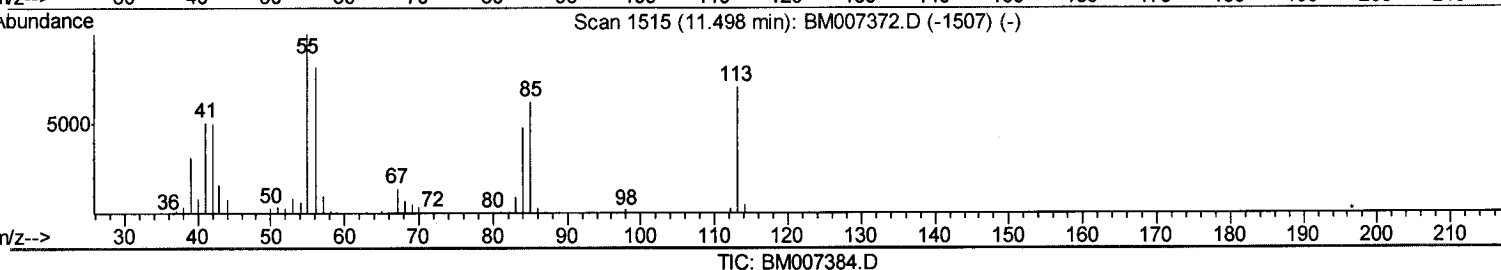
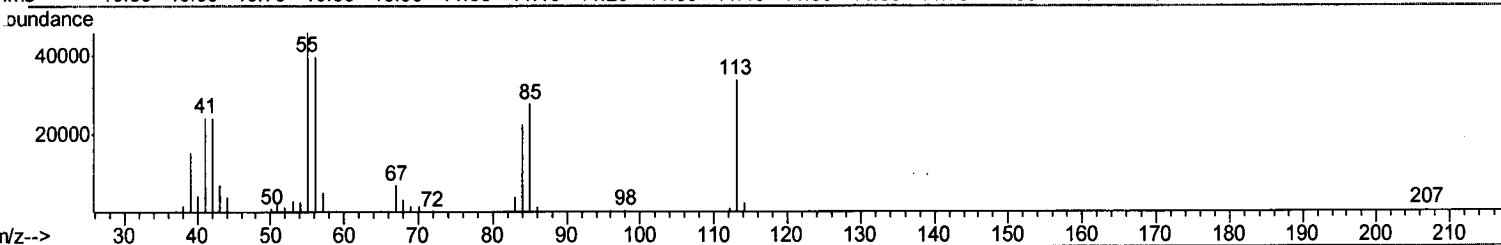
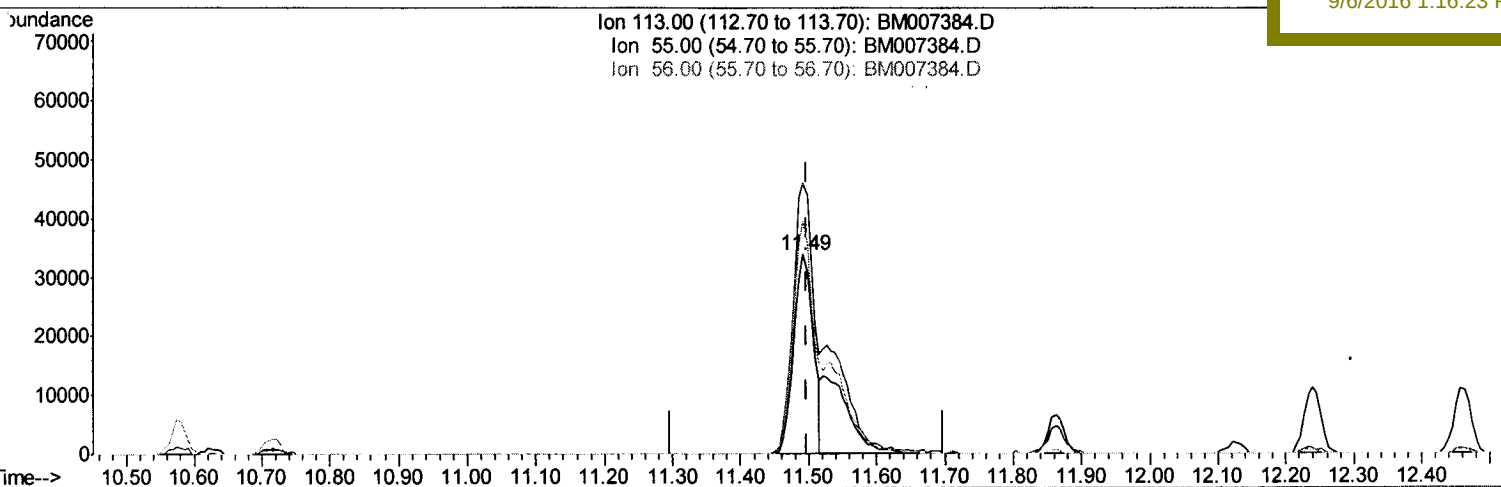
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TIC: BM007384.D

(32) Caprolactam

11.492min (-0.006) 12.97ng/ul

response 67939

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	135.81
56.00	121.70	116.95
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	7.79	152	162630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	766880	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	529966	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1385635	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1903322	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2043666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	26148	8.22	ng/uL	0.00
5) Phenol-d5	6.96	99	296864	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	161050	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	226767	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	258186	19.27	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	117255	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	138313	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	272167	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	348385	21.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	930880	20.36	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1110051	20.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	169952	19.69	ng/ul	0.00
57) Fluorene-d10	15.42	176	810705	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	168365	19.32	ng/ul	0.00
70) Anthracene-d10	17.27	188	1349091	20.84	ng/ul	0.00
76) Pyrene-d10	19.56	212	1680119	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1951181	20.73	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	28145	7.93	ng/uL 93
4) Benzaldehyde	6.94	77	190864	21.81	ng/ul 98
6) Phenol	6.99	94	311875	19.57	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.22	93	221150	19.92	ng/ul 99
10) 2-Chlorophenol	7.36	128	232364	19.99	ng/ul 99
11) 2-Methylphenol	8.23	108	242688	19.48	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	243215	19.47	ng/ul 95
14) Acetophenone	8.61	105	400583	19.50	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.59	70	210912	19.31	ng/ul 97
16) 4-Methylphenol	8.56	108	269738	19.30	ng/ul 94
17) Hexachloroethane	8.87	117	93757	20.73	ng/ul 95
20) Nitrobenzene	8.99	77	301958	20.88	ng/ul 99
21) Isophorone	9.51	82	587832	19.95	ng/ul 98
23) 2-Nitrophenol	9.70	139	147403	20.63	ng/ul 96
24) 2,4-Dimethylphenol	9.76	107	329496	20.90	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.99	93	330237	19.89	ng/ul 96
27) 2,4-Dichlorophenol	10.23	162	267251	20.56	ng/ul 99
28) Naphthalene	10.63	128	783627	20.55	ng/ul 98
30) 4-Chloroaniline	10.74	127	352736	20.99	ng/ul 96
31) Hexachlorobutadiene	10.91	225	186331	21.21	ng/ul 97
32) Caprolactam	11.49	113	104164m	19.89	ng/ul 95
33) 4-Chloro-3-methylphenol	11.86	107	322724	20.05	ng/ul 95
34) 2-Methylnaphthalene	12.24	142	634106	20.31	ng/ul 100

U.M.
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	377063	21.37	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	200634	18.85	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	255730	20.49	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	270279	20.77	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	861730	20.97	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	671315	20.83	ng/ul	98
42) 2-Nitroaniline	13.50	65	220512	20.95	ng/ul	98
44) Dimethylphthalate	13.88	163	921652	20.24	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	194676	20.91	ng/ul	94
47) Acenaphthylene	14.14	152	1138758	20.88	ng/ul	99
48) 3-Nitroaniline	14.33	138	199544	21.00	ng/ul	99
49) Acenaphthene	14.49	153	733702	20.68	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	108614	17.21	ng/ul	95
52) 4-Nitrophenol	14.64	109	185179	20.17	ng/ul	87
53) Dibenzofuran	14.82	168	1089757	20.52	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	293767	20.59	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	277216	20.77	ng/ul#	99
56) Diethylphthalate	15.24	149	951783	20.04	ng/ul	99
58) Fluorene	15.47	166	897304	20.52	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	467344	20.44	ng/ul	97
60) 4-Nitroaniline	15.50	138	216883	20.12	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.56	198	184859	19.88	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	807154	20.86	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	327893	20.96	ng/ul	98
66) Hexachlorobenzene	16.47	284	359096	20.50	ng/ul	96
67) Atrazine	16.63	200	339944	20.81	ng/ul	100
68) Pentachlorophenol	16.82	266	221862	19.62	ng/ul	98
69) Phenanthrene	17.21	178	1536121	20.65	ng/ul	99
71) Anthracene	17.30	178	1612057	20.99	ng/ul	99
72) Carbazole	17.57	167	1430822	21.44	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1696473	20.20	ng/ul	99
74) Fluoranthene	19.23	202	2051253	21.97	ng/ul	98
77) Pyrene	19.59	202	2159646	21.15	ng/ul	96
78) Butylbenzylphthalate	20.49	149	880727	20.73	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	826750	21.88	ng/ul	99
80) Benzo(a)anthracene	21.33	228	2352208	20.96	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	1267362	20.57	ng/ul	99
82) Chrysene	21.39	228	2116383	20.82	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2317138	22.76	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	2484085	20.56	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	2438186	21.83	ng/ul	100
88) Benzo(a)pyrene	23.52	252	2410356	20.84	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	2740180	19.31	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	2298068	19.47	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	2264639	18.80	ng/ul	98

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