

(QT Reviewed)

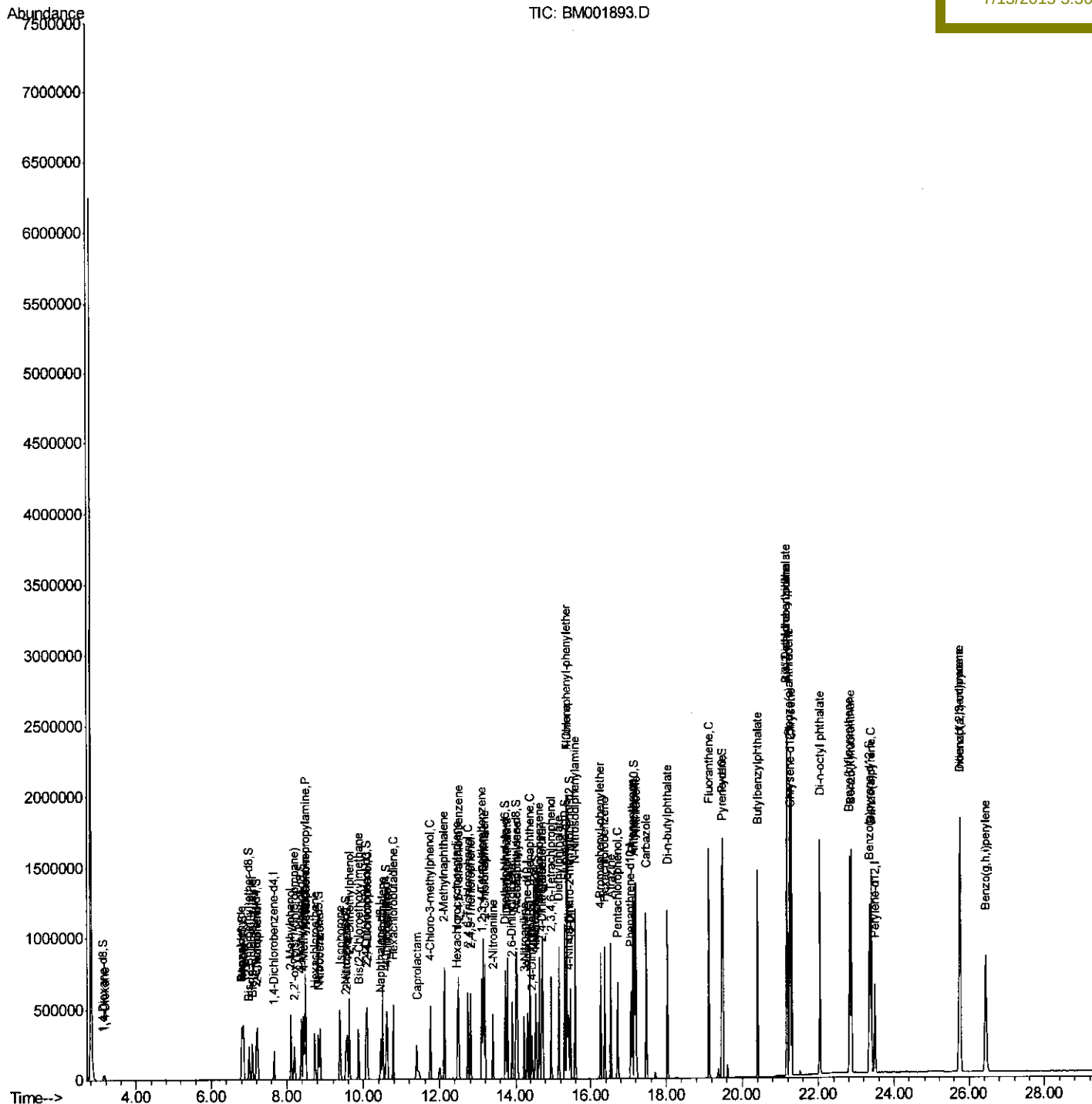
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071015\
Data File : BM001893.D
Acq On : 10 Jul 2015 15:01
Operator : TP/UM
Sample : SSTD02032
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02032

Quant Time: Jul 11 01:15:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 11 01:06:11 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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Quantitation Report (Qedit)

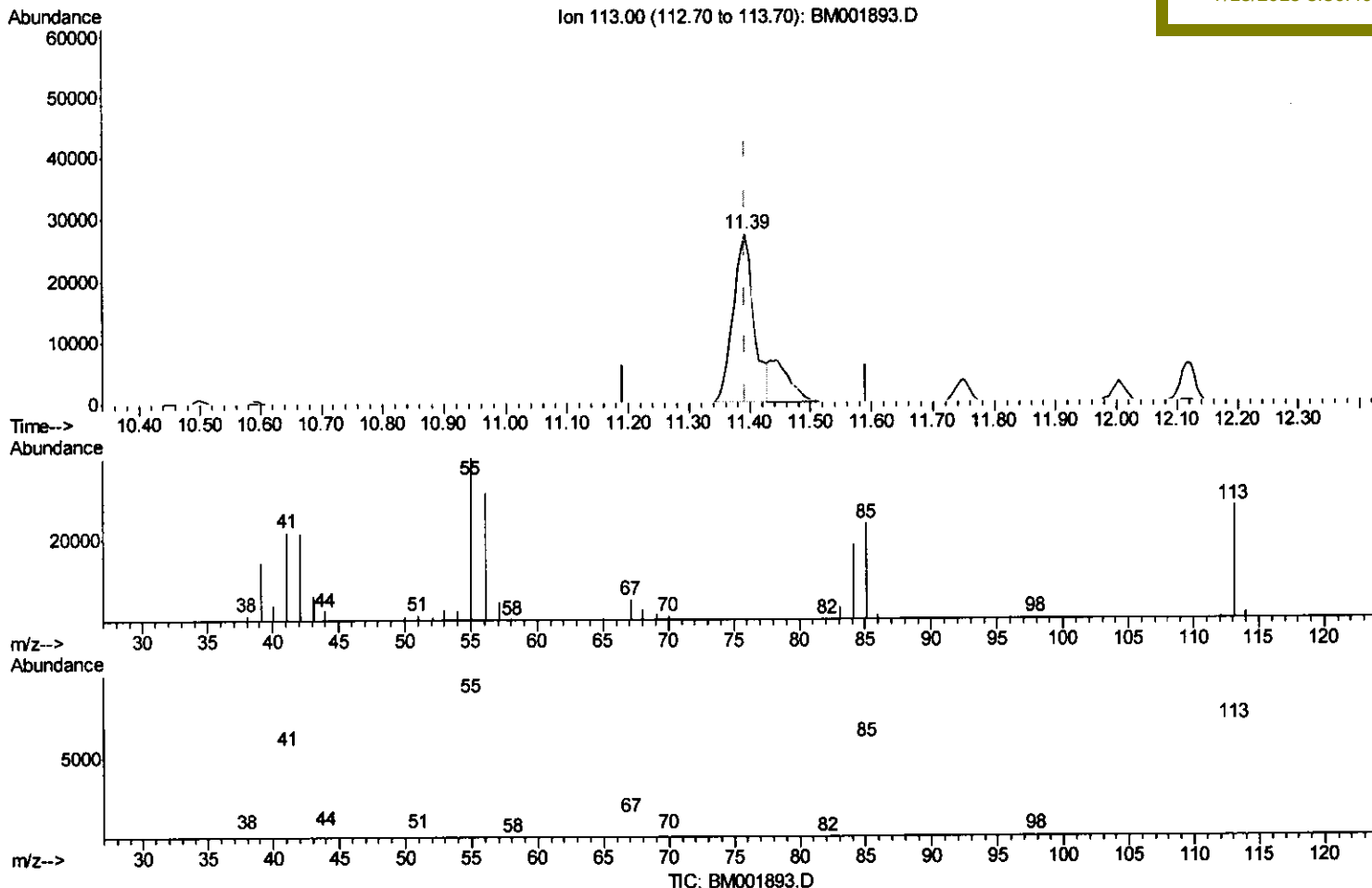
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(32) Caprolactam

11.392min (0.000) 36.93ng/ul

response 64511

Ion	Exp%	Act%
113.00	100	100
55.00	144.50	144.52
56.00	112.90	112.93
0.00	0.00	0.00

Quantitation Report (Qedit)

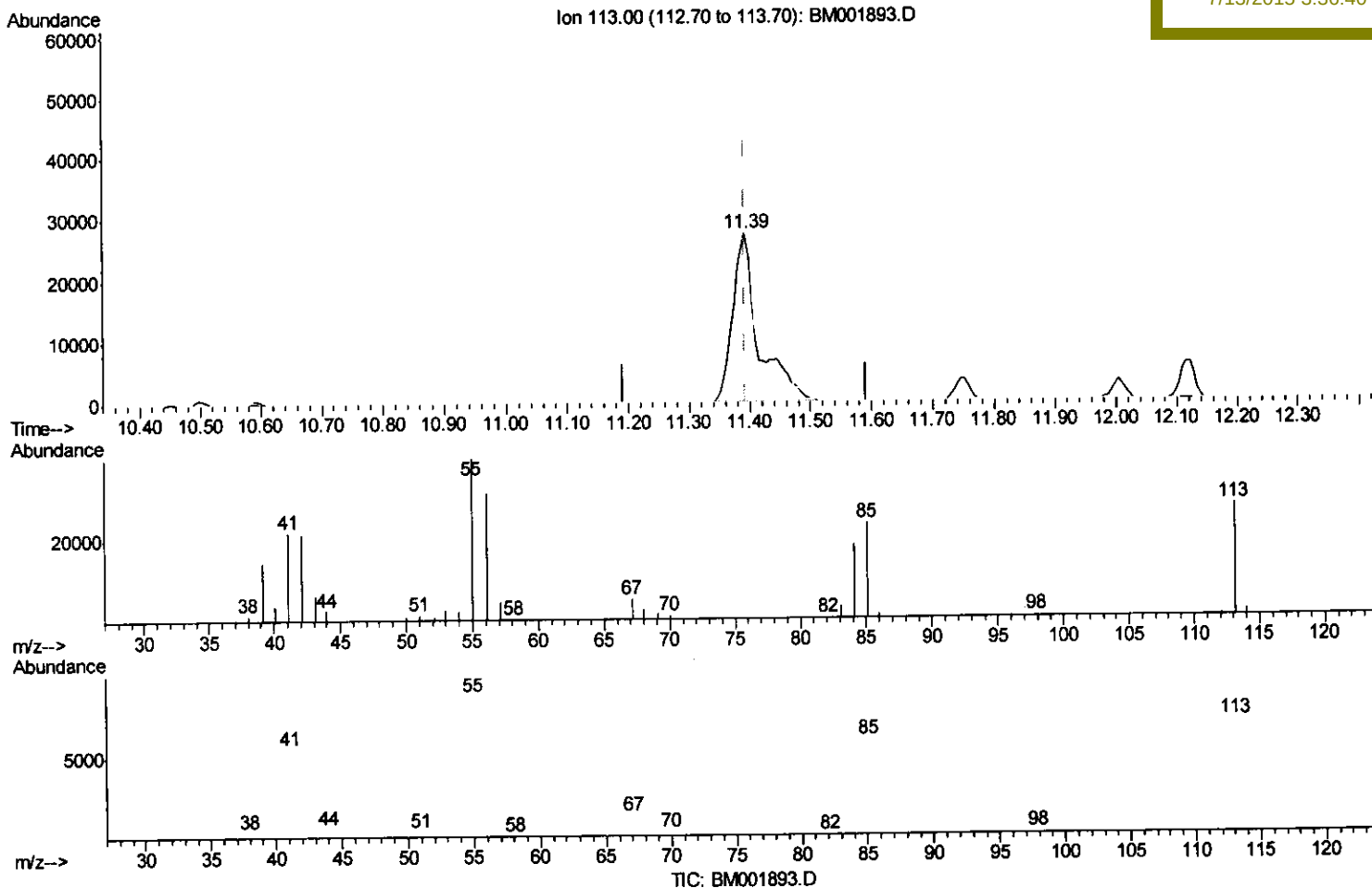
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(32) Caprolactam

11.392min (0.000) 46.29ng/ul m

response 80867

Ion	Exp%	Act%
113.00	100	100
55.00	144.50	144.52
56.00	112.90	112.93
0.00	0.00	0.00

T.P
 7/20/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	55562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	243931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	155737	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	365823	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	445617	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	452038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	17011	12.46	ng/uL	0.00
5) Phenol-d5	6.83	99	192953	35.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	102349	34.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	151703	35.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	161541	36.64	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	76404	35.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	87513	37.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	174437	35.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	197849	37.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	516040	35.53	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	619980	33.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	90102	34.08	ng/ul	0.00
57) Fluorene-d10	15.31	176	440684	33.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	96931	34.46	ng/ul	0.00
70) Anthracene-d10	17.16	188	701142	33.66	ng/ul	0.00
78) Pyrene-d10	19.47	212	789476	34.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	947591	37.10	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	18416	11.96	ng/uL	100
4) Benzaldehyde	6.80	77	117863	34.54	ng/ul	100
6) Phenol	6.86	94	199778	35.80	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	143209	34.87	ng/ul	100
10) 2-Chlorophenol	7.22	128	156524	35.57	ng/ul	100
11) 2-Methylphenol	8.10	108	151554	36.33	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	164362	33.51	ng/ul	100
14) Acetophenone	8.48	105	253372	36.47	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.47	70	128458	37.40	ng/ul	100
16) 4-Methylphenol	8.43	108	166998	36.70	ng/ul	100
17) Hexachloroethane	8.73	117	58694	34.05	ng/ul	100
20) Nitrobenzene	8.86	77	185955	33.51	ng/ul	100
21) Isophorone	9.38	82	345932	35.98	ng/ul	100
23) 2-Nitrophenol	9.57	139	93757	36.50	ng/ul	100
24) 2,4-Dimethylphenol	9.63	107	195802	34.24	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.87	93	199347	34.07	ng/ul	100
27) 2,4-Dichlorophenol	10.10	162	166125	34.91	ng/ul	100
28) Naphthalene	10.50	128	496864	33.27	ng/ul	100
30) 4-Chloroaniline	10.62	127	201099	37.97	ng/ul	100
31) Hexachlorobutadiene	10.77	225	115751	32.76	ng/ul	100
32) Caprolactam	11.39	113	80867m	46.29	ng/ul	100
33) 4-Chloro-3-methylphenol	11.75	107	182557	35.68	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	375859	34.34	ng/ul	100

TP
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	228363	32.60	ng/ul	100
37) Hexachlorocyclopentadiene	12.46	237	130084	31.15	ng/ul	100
38) 2,4,6-Trichlorophenol	12.74	196	147366	34.92	ng/ul	100
39) 2,4,5-Trichlorophenol	12.81	196	159606	34.58	ng/ul	100
40) 1,1'-Biphenyl	13.14	154	506497	32.89	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	397750	32.94	ng/ul	100
42) 2-Nitroaniline	13.40	65	118442	35.70	ng/ul	100
44) Dimethylphthalate	13.77	163	520414	33.67	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	111869	36.88	ng/ul	100
47) Acenaphthylene	14.04	152	631535	33.49	ng/ul	100
48) 3-Nitroaniline	14.23	138	105970	36.97	ng/ul	100
49) Acenaphthene	14.38	153	417118	33.27	ng/ul	100
50) 2,4-Dinitrophenol	14.44	184	67406	35.43	ng/ul	100
52) 4-Nitrophenol	14.54	109	87679	32.74	ng/ul	100
53) Dibenzofuran	14.72	168	604788	33.48	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	163458	36.68	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.94	232	143908	35.69	ng/ul	100
56) Diethylphthalate	15.14	149	520380	34.88	ng/ul	100
58) Fluorene	15.37	166	511686	33.89	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	276886	33.98	ng/ul	100
60) 4-Nitroaniline	15.40	138	112916	35.53	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.46	198	103263	34.52	ng/ul	100
64) N-Nitrosodiphenylamine	15.58	169	443296	33.81	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	171484	34.04	ng/ul	100
66) Hexachlorobenzene	16.37	284	187589	33.50	ng/ul	100
67) Atrazine	16.53	200	181867	34.15	ng/ul	100
68) Pentachlorophenol	16.72	266	120876	34.27	ng/ul	100
69) Phenanthrene	17.11	178	800764	33.18	ng/ul	100
71) Anthracene	17.20	178	832331	33.52	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	226428	32.61	ng/uL	100
73) Pentachlorobenzene	14.63	250	219097	33.25	ng/uL	100
74) Carbazole	17.47	167	733842	33.60	ng/ul	100
75) Di-n-butylphthalate	18.03	149	866772	35.90	ng/ul	100
76) Fluoranthene	19.13	202	977916	33.63	ng/ul	100
79) Pyrene	19.49	202	1032675	33.98	ng/ul	100
80) Butylbenzylphthalate	20.40	149	412665	38.66	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.18	252	376879	36.91	ng/ul	100
82) Benzo(a)anthracene	21.24	228	1079136	33.86	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	604119	38.01	ng/ul	100
84) Chrysene	21.30	228	1002561	33.39	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	1062425	36.79	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	1140184	34.98	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	1032641	33.33	ng/ul	100
90) Benzo(a)pyrene	23.40	252	1072626	34.15	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.75	276	1270939	34.16	ng/ul	100
92) Dibenzo(a,h)anthracene	25.76	278	1082580	34.41	ng/ul	100
93) Benzo(g,h,i)perylene	26.44	276	1056014	33.91	ng/ul	100

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