

(QT Reviewed)

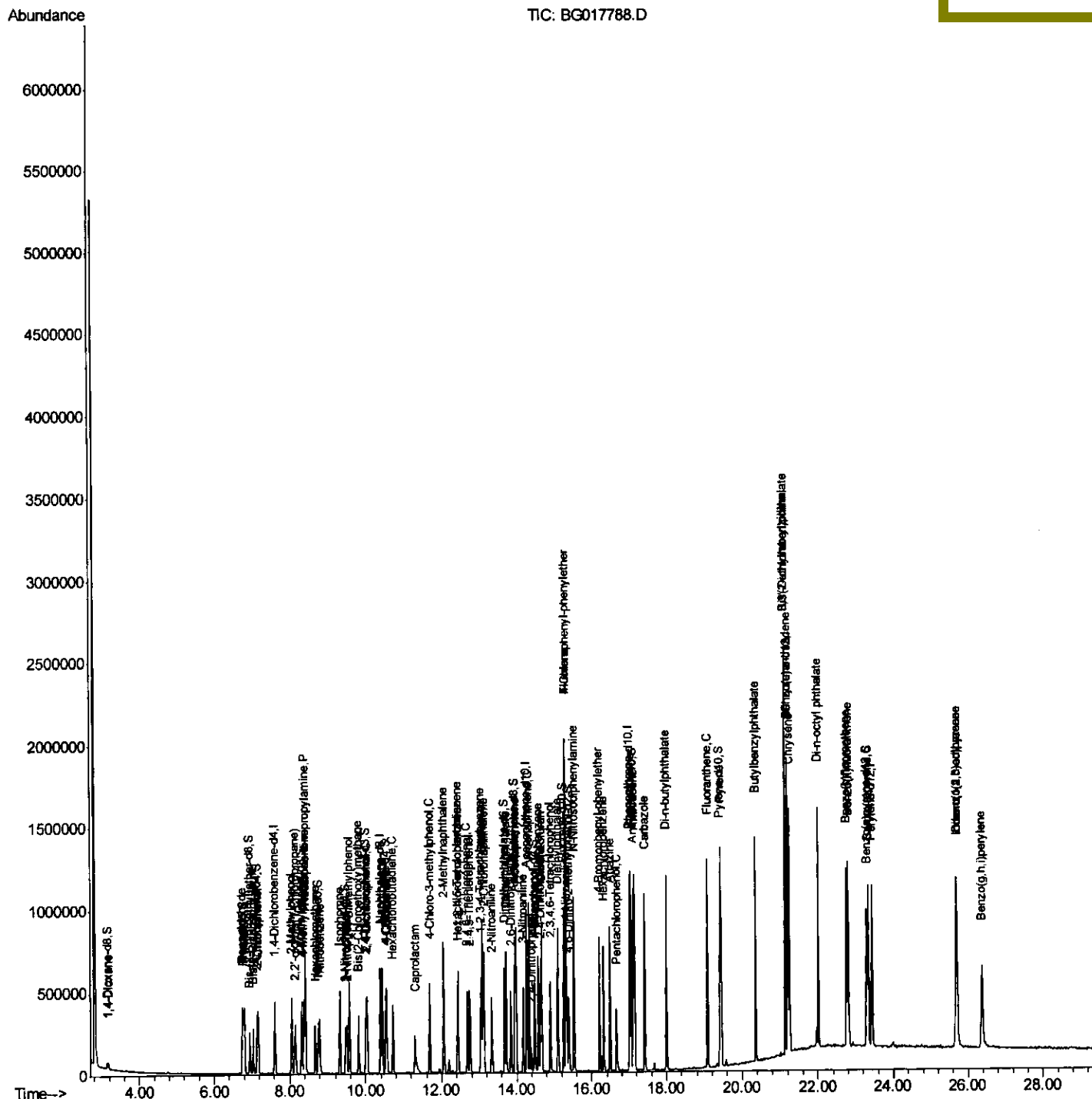
```
Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG070615\  
Data File  : BG017788.D  
Acq On     : 7 Jul 2015    2:37  
Operator    : TP/UM  
Sample      : SSTDCCC020EC  
Misc        :  
ALS Vial    : 4      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02034

Quant Time: Jul 07 04:33:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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7/7/2015 1:32:01 PM



Quantitation Report (Qedit)

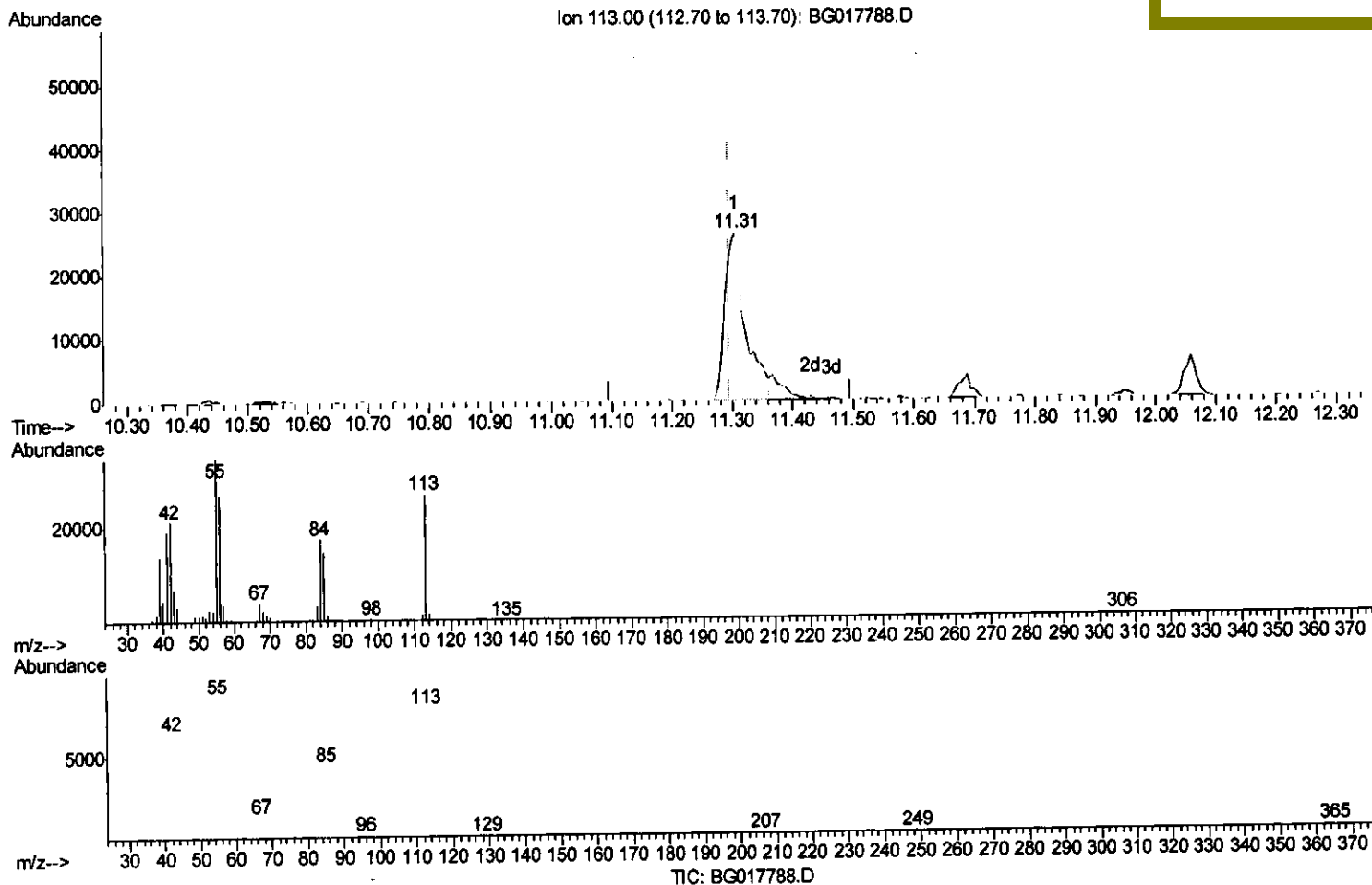
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(32) Caprolactam

11.306min (+0.010) 18.65ng/ul

response 62372

Ion	Exp%	Act%
113.00	100	100
55.00	145.30	128.70
56.00	98.30	100.03
0.00	0.00	0.00

Quantitation Report (Qedit)

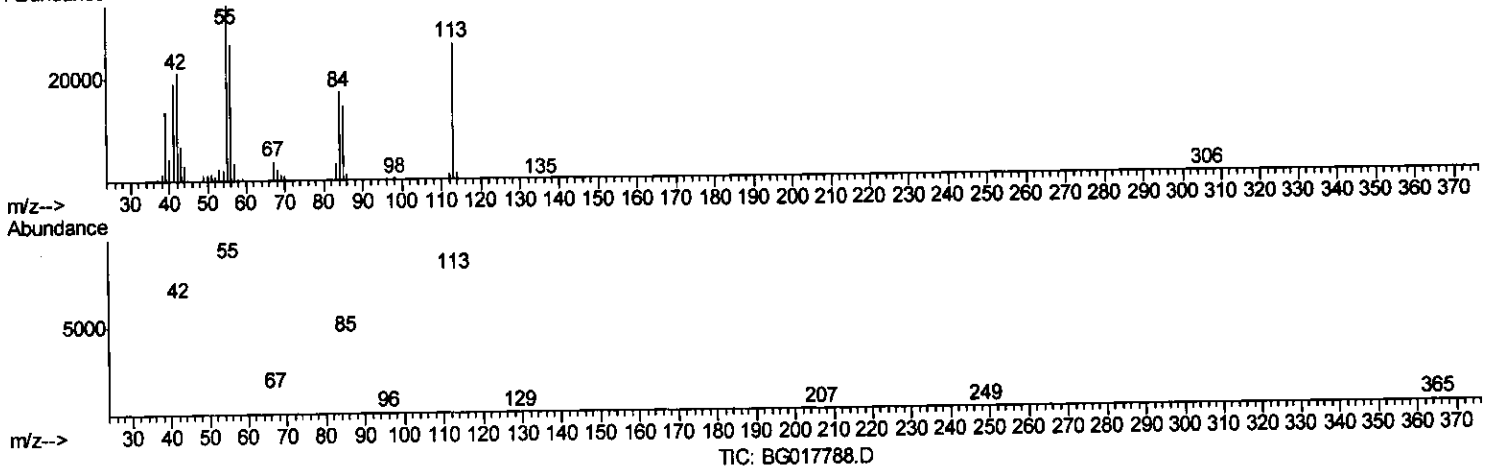
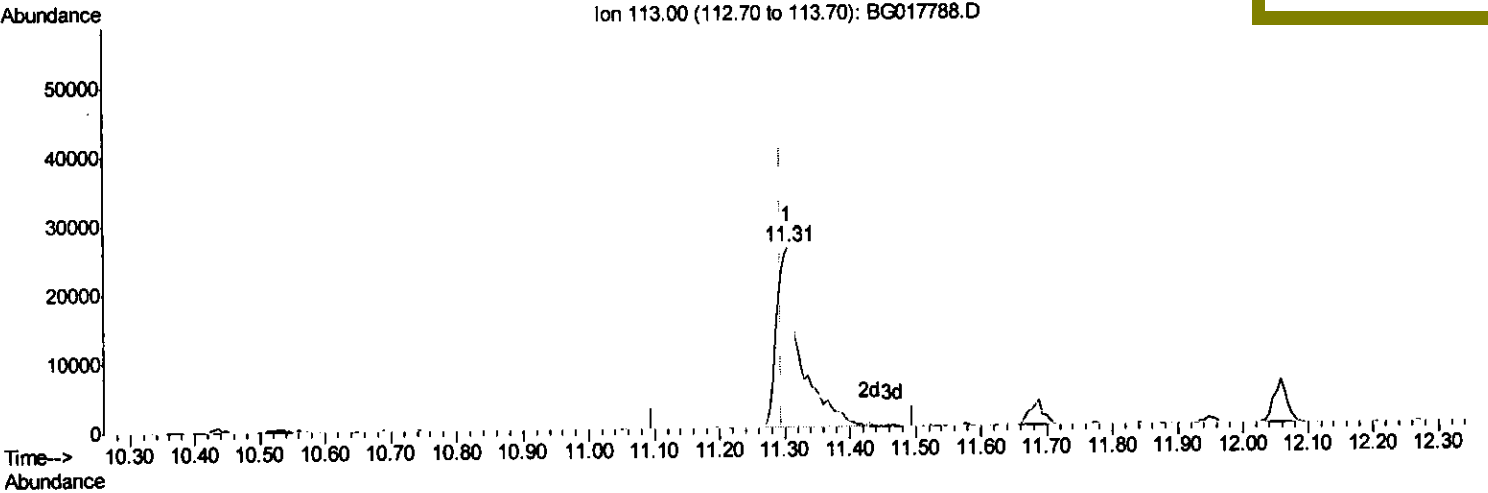
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(32) Caprolactam

11.306min (+0.010) 20.54ng/ul m

response 68674

Ion	Exp%	Act%
113.00	100	100
55.00	145.30	128.70
56.00	98.30	100.03
0.00	0.00	0.00

TP
 7/10/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	105055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	490617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	305059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	608843	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	603683	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	599662	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	18754	7.06	ng/uL	0.00
5) Phenol-d5	6.78	99	184550	20.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	108445	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	151489	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	151720	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	76177	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	81329	22.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	145837	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	218735	23.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	381730	18.91	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	537068	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	82146	20.28	ng/ul	0.00
57) Fluorene-d10	15.25	176	387147	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	56607	20.05	ng/ul	0.01
70) Anthracene-d10	17.11	188	549257	19.79	ng/ul	0.00
78) Pyrene-d10	19.41	212	555071	19.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	514216	19.47	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.17	88	17665	6.49 ng/uL	90
4) Benzaldehyde	6.75	77	129080	23.32 ng/ul	96
6) Phenol	6.81	94	196678	20.62 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.04	93	141382	19.99 ng/ul	96
10) 2-Chlorophenol	7.17	128	150731	19.84 ng/ul	100
11) 2-Methylphenol	8.05	108	148926	21.35 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	215252	19.87 ng/ul	99
14) Acetophenone	8.42	105	217689	20.36 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	130707	19.44 ng/ul	94
16) 4-Methylphenol	8.37	108	165474	21.08 ng/ul	100
17) Hexachloroethane	8.67	117	59903	18.45 ng/ul	92
20) Nitrobenzene	8.80	77	185326	19.97 ng/ul	98
21) Isophorone	9.32	82	347254	19.93 ng/ul	96
23) 2-Nitrophenol	9.51	139	86480	21.51 ng/ul	92
24) 2,4-Dimethylphenol	9.57	107	176711	19.46 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.81	93	188705	19.12 ng/ul	98
27) 2,4-Dichlorophenol	10.04	162	139204	19.87 ng/ul	98
28) Naphthalene	10.44	128	489297	19.28 ng/ul	99
30) 4-Chloroaniline	10.55	127	211737	22.52 ng/ul	99
31) Hexachlorobutadiene	10.72	225	75806	18.70 ng/ul	92
32) Caprolactam	11.31	113	68674m	20.54 ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	176684	21.00 ng/ul	97
34) 2-Methylnaphthalene	12.06	142	347294	19.28 ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	156652	19.64	ng/ul	91
37) Hexachlorocyclopentadiene	12.42	237	59156	14.47	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.68	196	103389	20.26	ng/ul	100
39) 2,4,5-Trichlorophenol	12.75	196	113087	20.09	ng/ul	96
40) 1,1'-Biphenyl	13.09	154	439198	19.44	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	336487	19.38	ng/ul	98
42) 2-Nitroaniline	13.33	65	120421	20.57	ng/ul	95
44) Dimethylphthalate	13.72	163	415310	18.52	ng/ul	98
45) 2,6-Dinitrotoluene	13.84	165	92723	20.70	ng/ul	99
47) Acenaphthylene	13.98	152	573666	19.29	ng/ul	99
48) 3-Nitroaniline	14.17	138	111946	21.61	ng/ul	99
49) Acenaphthene	14.33	153	381593	19.04	ng/ul	100
50) 2,4-Dinitrophenol	14.38	184	28100	16.68	ng/ul	90
52) 4-Nitrophenol	14.48	109	67416	20.87	ng/ul	95
53) Dibenzofuran	14.66	168	518406	19.19	ng/ul	98
54) 2,4-Dinitrotoluene	14.63	165	128318	20.28	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.89	232	94405	20.68	ng/ul	99
56) Diethylphthalate	15.10	149	445008	18.33	ng/ul	97
58) Fluorene	15.31	166	451425	18.81	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	208424	18.67	ng/ul	97
60) 4-Nitroaniline	15.34	138	115643	19.58	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.40	198	61468	20.50	ng/ul	96
64) N-Nitrosodiphenylamine	15.53	169	379048	20.45	ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	124496	20.49	ng/ul	95
66) Hexachlorobenzene	16.32	284	128624	20.15	ng/ul#	89
67) Atrazine	16.49	200	136556	21.54	ng/ul	97
68) Pentachlorophenol	16.66	266	59443	25.34	ng/ul	93
69) Phenanthrene	17.05	178	650934	19.56	ng/ul	98
71) Anthracene	17.14	178	674621	19.71	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	152874	21.25	ng/uL	90
73) Pentachlorobenzene	14.58	250	151320	20.66	ng/uL	98
74) Carbazole	17.42	167	604153	21.20	ng/ul	99
75) Di-n-butylphthalate	17.99	149	783179	19.90	ng/ul	99
76) Fluoranthene	19.08	202	684521	21.35	ng/ul	97
79) Pyrene	19.44	202	712712	19.35	ng/ul	99
80) Butylbenzylphthalate	20.36	149	358042	21.21	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.14	252	246491	23.66	ng/ul	99
82) Benzo(a)anthracene	21.19	228	666566	20.04	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	508480	21.55	ng/ul#	96
84) Chrysene	21.25	228	621531	19.73	ng/ul	98
86) Di-n-octyl phthalate	22.01	149	850627	23.91	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	660852	19.28	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	620469	19.21	ng/ul	98
90) Benzo(a)pyrene	23.33	252	640198	19.65	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.69	276	710113	19.97	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	593693	19.76	ng/ul	97
93) Benzo(g,h,i)perylene	26.38	276	574867	19.32	ng/ul	97

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