

(QT Reviewed)

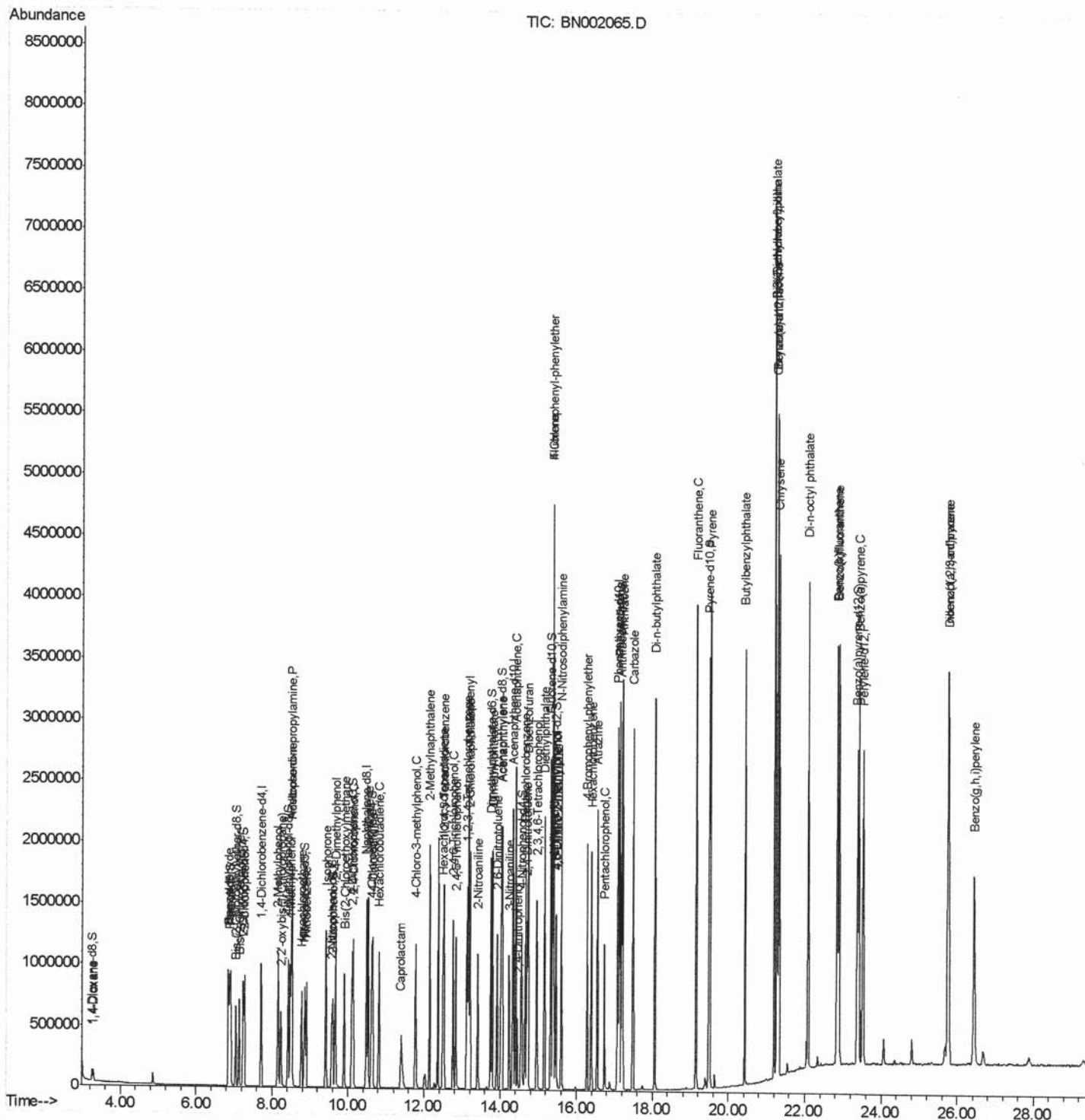
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\  
Data File : BN002065.D  
Acq On : 19 Jul 2018 10:36  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTD02012

Manual Integrations
APPROVED

Sohil
7/20/2018 4:05:33 PM

Quant Time: Jul 19 16:53:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 17 00:49:33 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

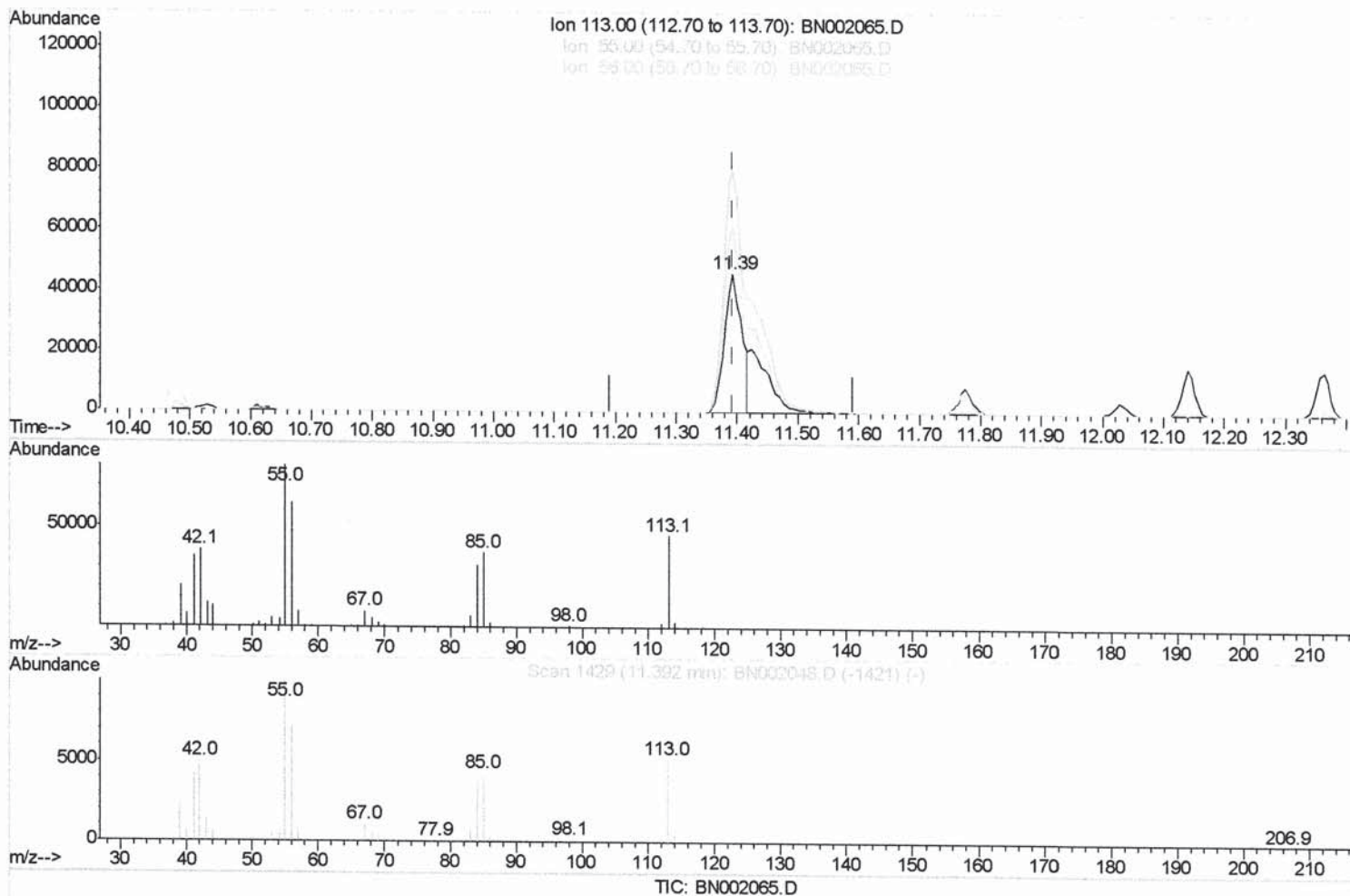
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(32) Caprolactam

11.393min (+0.000) 12.49ng/ul

response 91934

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	174.19#
56.00	101.50	134.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

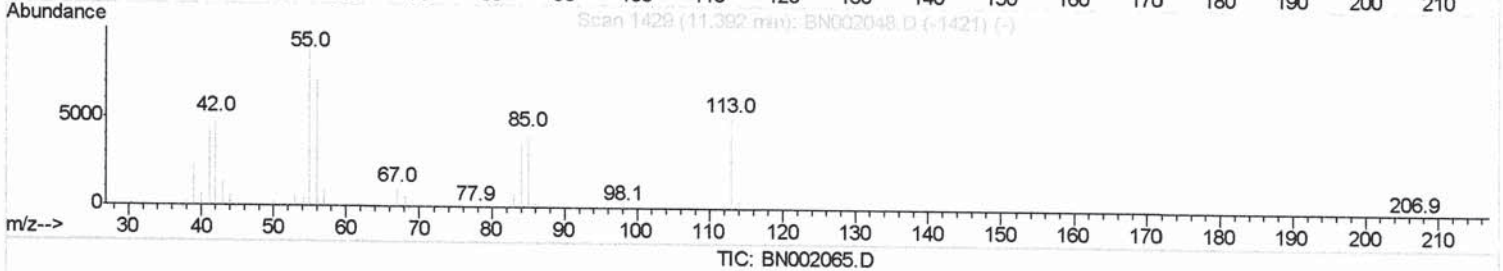
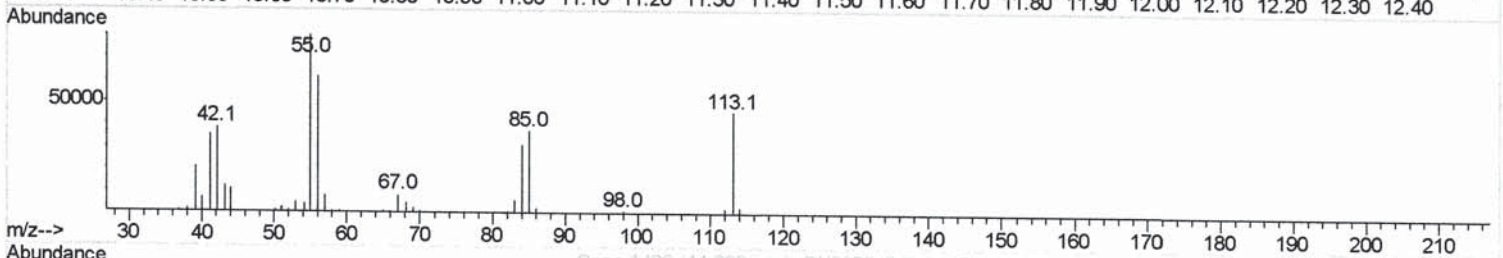
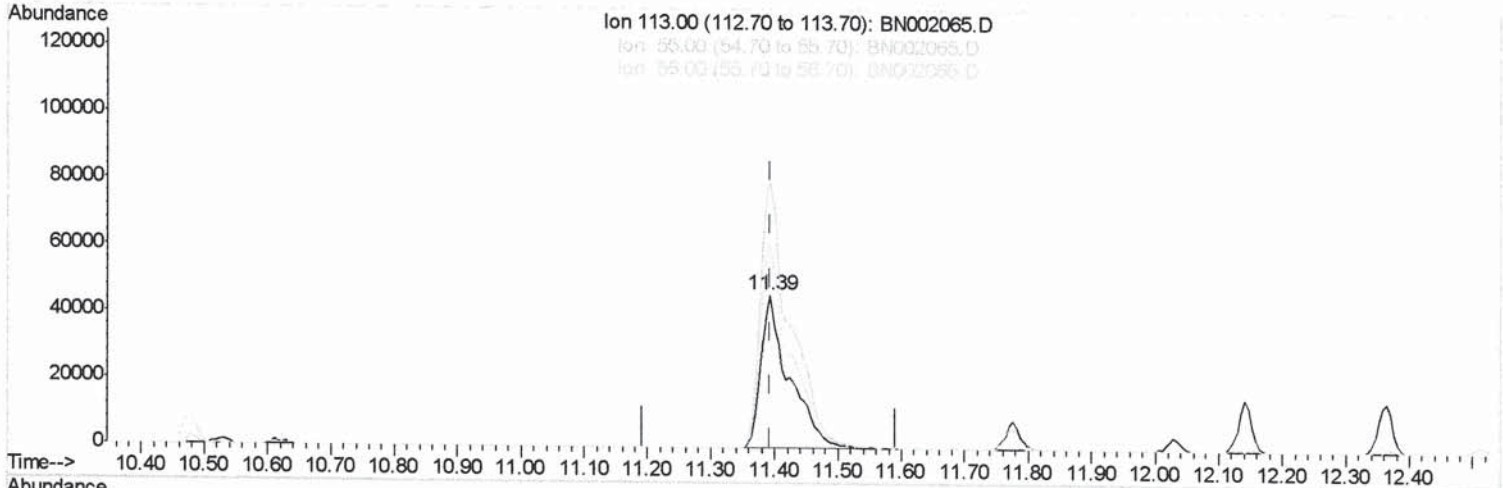
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(32) Caprolactam

11.393min (+0.000) 18.98ng/ul m 517/20/18

response 139676

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	174.19#
56.00	101.50	134.01#
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	7.70	152	265998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1216070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	743384	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1724905	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1809973	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1803441	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	45803	7.77	ng/uL	0.00
5) Phenol-d5	6.88	99	480319	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	294998	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	376911	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	389224	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	195550	19.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	217710	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	404073	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	535260	22.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1262093	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1567096	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	219299	18.22	ng/ul	0.00
57) Fluorene-d10	15.33	176	1071758	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	207847	18.50	ng/ul	0.00
70) Anthracene-d10	17.18	188	1673804	19.90	ng/ul	0.00
78) Pyrene-d10	19.48	212	1853705	19.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	1938030	19.90	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.29	88	45973	7.769	ng/uL	92
4) Benzaldehyde	6.85	77	313826	21.121	ng/ul	95
6) Phenol	6.91	94	489881	19.474	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.13	93	375113	19.556	ng/ul#	88
10) 2-Chlorophenol	7.27	128	379890	19.250	ng/ul#	88
11) 2-Methylphenol	8.15	108	368750	19.060	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	604990	19.186	ng/ul#	87
14) Acetophenone	8.52	105	620840	20.273	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.50	70	322585	19.223	ng/ul#	84
16) 4-Methylphenol	8.47	108	412310	19.641	ng/ul	100
17) Hexachloroethane	8.77	117	153362	19.660	ng/ul	97
20) Nitrobenzene	8.89	77	468390	20.199	ng/ul	94
21) Isophorone	9.41	82	904276	19.490	ng/ul	97
23) 2-Nitrophenol	9.60	139	228448	19.580	ng/ul	90
24) 2,4-Dimethylphenol	9.66	107	466702	19.980	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	538412	19.277	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	390201	19.711	ng/ul	97
28) Naphthalene	10.53	128	1271812	19.796	ng/ul	100
30) 4-Chloroaniline	10.64	127	529763	22.750	ng/ul	98
31) Hexachlorobutadiene	10.81	225	237789	20.269	ng/ul	99
32) Caprolactam	11.39	113	139676m	18.983	ng/ul	99
33) 4-Chloro-3-methylphenol	11.78	107	440165	19.768	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	922178	19.679	ng/ul	99

SJ 7/20/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	474237	19.674	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	287532	18.805	ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	322612	19.471	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	332726	19.010	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1227308	19.838	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	950566	19.760	ng/ul	97
42) 2-Nitroaniline	13.41	65	306175	19.796	ng/ul	83
44) Dimethylphthalate	13.79	163	1226506	19.872	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	257439	19.735	ng/ul	98
47) Acenaphthylene	14.05	152	1500253	19.935	ng/ul	99
48) 3-Nitroaniline	14.24	138	264548	20.574	ng/ul	94
49) Acenaphthene	14.40	153	1029883	19.828	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	123493	16.094	ng/ul#	1
52) 4-Nitrophenol	14.56	109	165854	19.712	ng/ul#	81
53) Dibenzofuran	14.73	168	1466639	19.984	ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	381729	20.176	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	300553	19.556	ng/ul#	98
56) Diethylphthalate	15.16	149	1256036	20.041	ng/ul	100
58) Fluorene	15.39	166	1181852	20.172	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	594128	20.416	ng/ul	94
60) 4-Nitroaniline	15.41	138	291920	19.609	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	214591	18.448	ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	1035873	19.634	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	375797	19.799	ng/ul	91
66) Hexachlorobenzene	16.39	284	411148	19.575	ng/ul	92
67) Atrazine	16.55	200	393707	20.681	ng/ul	98
68) Pentachlorophenol	16.74	266	213520	17.871	ng/ul	99
69) Phenanthrene	17.12	178	1922716	19.849	ng/ul	99
71) Anthracene	17.22	178	1991763	20.189	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	504093	19.599	ng/uL	98
73) Pentachlorobenzene	14.66	250	473758	19.692	ng/uL	98
74) Carbazole	17.49	167	1763918	21.137	ng/ul	99
75) Di-n-butylphthalate	18.06	149	2189100	19.839	ng/ul	100
76) Fluoranthene	19.15	202	2283860	22.216	ng/ul	99
79) Pyrene	19.51	202	2302523	19.825	ng/ul	100
80) Butylbenzylphthalate	20.42	149	1031779	18.703	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	795209	20.720	ng/ul	99
82) Benzo(a)anthracene	21.27	228	2311520	20.050	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	1518388	19.439	ng/ul#	97
84) Chrysene	21.32	228	2158204	20.086	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2617107	22.095	ng/ul#	95
87) Benzo(b)fluoranthene	22.85	252	2328316	20.976	ng/ul	99
88) Benzo(k)fluoranthene	22.89	252	2082400	19.748	ng/ul	99
90) Benzo(a)pyrene	23.42	252	2113078	20.035	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	2194676	18.002	ng/ul	96
92) Dibenzo(a,h)anthracene	25.77	278	1840299	18.036	ng/ul	97
93) Benzo(g,h,i)perylene	26.44	276	1774162	17.318	ng/ul	97

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