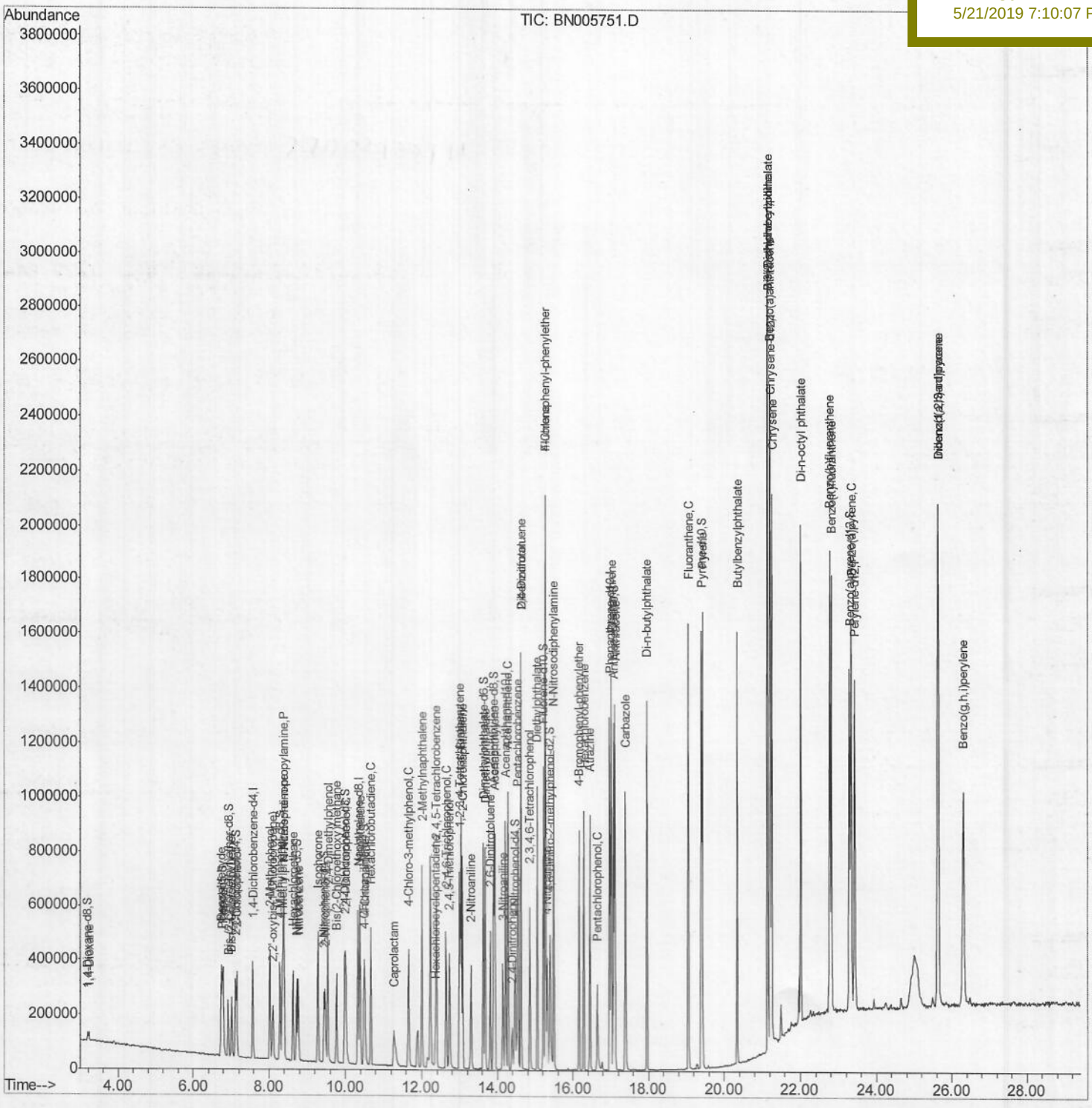
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051819\
Data File : BN005751.D
Acq On : 18 May 2019 13:34
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 20 03:55:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV80

Manual Integrations APPROVED
Sohil
5/21/2019 7:10:07 PM



Quantitation Report (Qedit)

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Acq On : 18 May 2019 13:34
Operator : JU/SJ
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Misc :
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Quant Time: May 20 03:53:22 2019
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Instrument :
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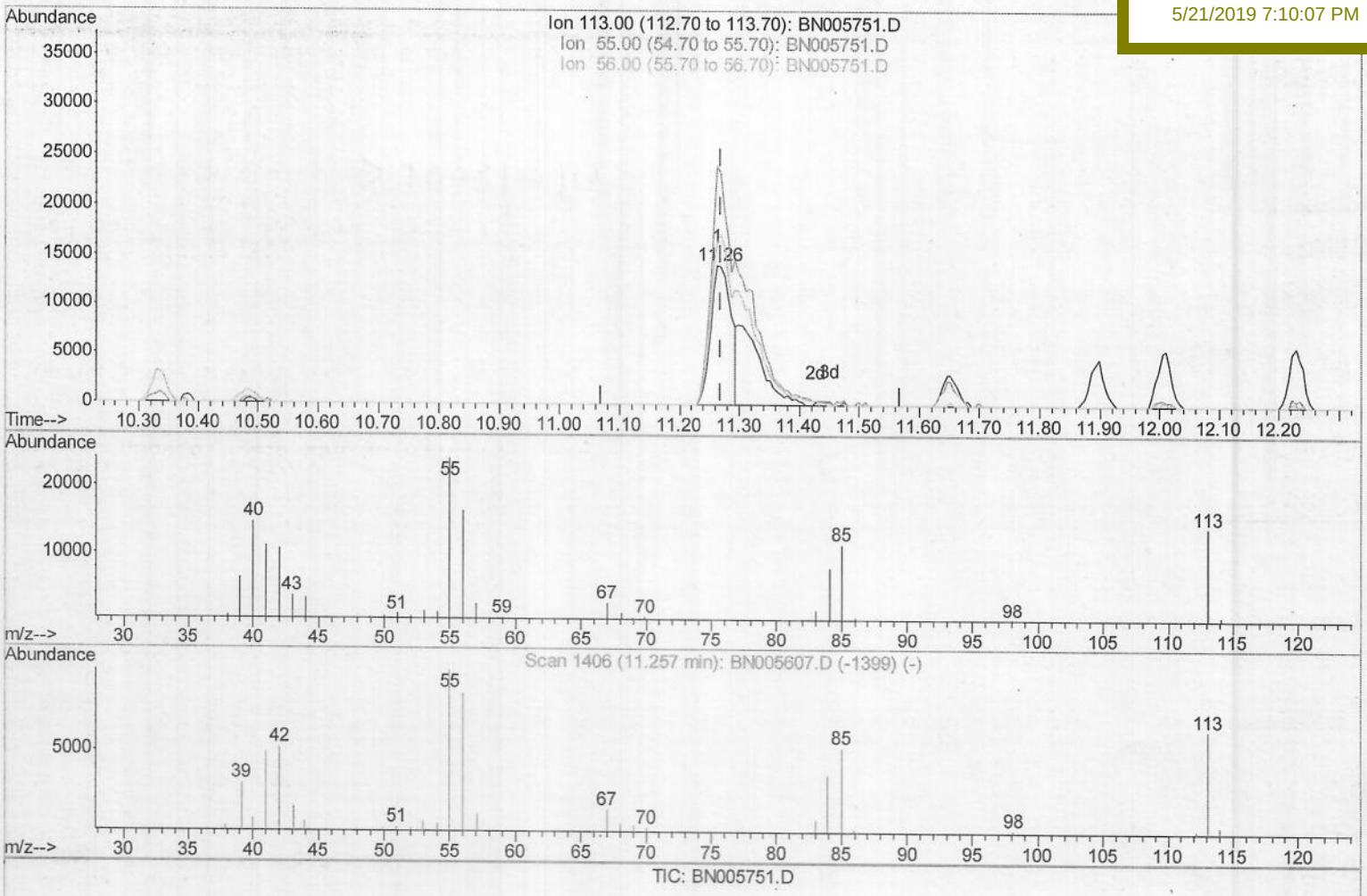

TIC: BN005751.D

(32) Caprolactam

11.263min (-0.006) 12.86ng/ul

response 32954

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	170.28
56.00	148.90	116.11#
0.00	0.00	0.00

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Sohil
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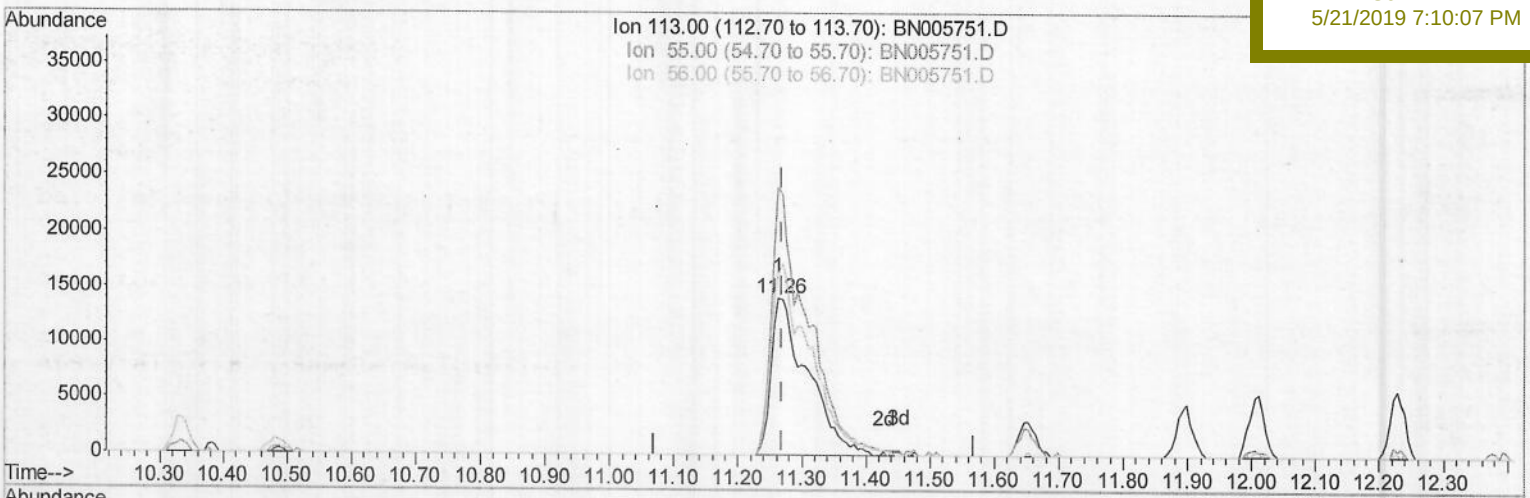

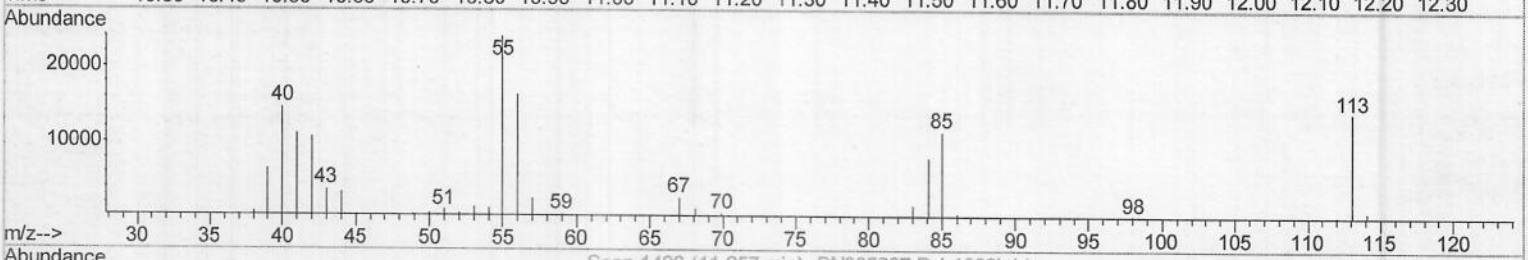

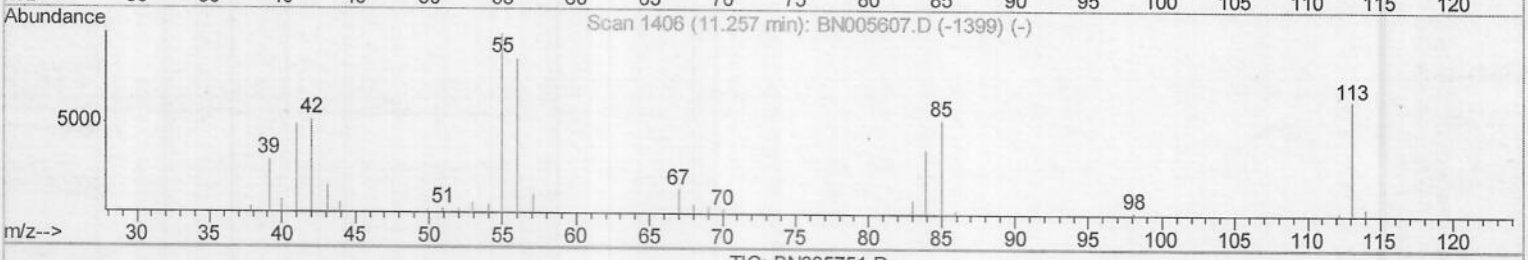

TIC: BN005751.D

(32) Caprolactam

11.263min (-0.006) 21.71ng/ul m JU 05/22/19

response 55652

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	170.28
56.00	148.90	116.11#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	100988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	454488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	314140	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	778142	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	826334	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	954350	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	15181	8.42	ng/uL	0.00
5) Phenol-d5	6.76	99	165681	21.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	90238	22.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	135138	21.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	142566	21.36	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	72464	21.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	85068	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	164252	22.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	176281	21.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	531370	21.98	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	648823	22.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	70708	20.77	ng/ul	0.00
57) Fluorene-d10	15.22	176	454643	21.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	99942	21.37	ng/ul	0.00
70) Anthracene-d10	17.07	188	757579	22.54	ng/ul	0.00
78) Pyrene-d10	19.39	212	889875	21.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	931602	21.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	16700	8.794	ng/uL	93
4) Benzaldehyde	6.73	77	114980	20.352	ng/ul	94
6) Phenol	6.79	94	169610	21.319	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.01	93	126022	21.616	ng/ul	95
10) 2-Chlorophenol	7.15	128	139490	21.949	ng/ul	91
11) 2-Methylphenol	8.02	108	132379	20.956	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	168671	22.002	ng/ul#	92
14) Acetophenone	8.39	105	227070	21.250	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	113437	21.984	ng/ul#	91
16) 4-Methylphenol	8.35	108	147551	21.223	ng/ul	93
17) Hexachloroethane	8.63	117	60533	22.198	ng/ul#	81
20) Nitrobenzene	8.76	77	167193	21.924	ng/ul	92
21) Isophorone	9.28	82	330952	21.766	ng/ul	97
23) 2-Nitrophenol	9.47	139	89053	22.454	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	180643	22.056	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.76	93	187176	21.771	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	156467	22.368	ng/ul	95
28) Naphthalene	10.39	128	471929	21.737	ng/ul	100
30) 4-Chloroaniline	10.51	127	178987	21.922	ng/ul	100
31) Hexachlorobutadiene	10.66	225	111185	21.791	ng/ul	97
32) Caprolactam	11.26	113	55652m	21.713	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	176425	22.297	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	365822	21.818	ng/ul	99

30/05/22/19

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Sohil
5/21/2019 7:10:07 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	224979	22.244 ng/ul#	96
37) Hexachlorocyclopentadiene	12.36	237	43571	13.823 ng/ul	99
38) 2,4,6-Trichlorophenol	12.64	196	138937	22.192 ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	141003	21.440 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	507479	22.216 ng/ul#	97
41) 2-Chloronaphthalene	13.08	162	397730	22.044 ng/ul	95
42) 2-Nitroaniline	13.30	65	118179	22.723 ng/ul	94
44) Dimethylphthalate	13.68	163	524797	22.021 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	112509	22.404 ng/ul	92
47) Acenaphthylene	13.93	152	624994	22.100 ng/ul	99
48) 3-Nitroaniline	14.14	138	99288	22.439 ng/ul	89
49) Acenaphthene	14.27	153	423694	22.112 ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	46805	18.113 ng/ul	89
52) 4-Nitrophenol	14.47	109	63824	20.070 ng/ul	92
53) Dibenzofuran	14.62	168	630738	22.186 ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	168839	22.437 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.86	232	134610	22.043 ng/ul	91
56) Diethylphthalate	15.05	149	529622	21.958 ng/ul	98
58) Fluorene	15.27	166	516783	22.348 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.27	204	279604	22.163 ng/ul	98
60) 4-Nitroaniline	15.31	138	111636	22.631 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	104167	22.233 ng/ul#	92
64) N-Nitrosodiphenylamine	15.49	169	448344	22.263 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	181964	22.331 ng/ul	97
66) Hexachlorobenzene	16.29	284	203434	22.254 ng/ul#	91
67) Atrazine	16.45	200	188534	22.311 ng/ul	98
68) Pentachlorophenol	16.64	266	83255	19.740 ng/ul	95
69) Phenanthrene	17.02	178	856997	22.218 ng/ul	99
71) Anthracene	17.11	178	884157	22.513 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	236023	22.625 ng/uL	96
73) Pentachlorobenzene	14.55	250	230313	22.385 ng/uL	98
74) Carbazole	17.39	167	778060	22.470 ng/ul	99
75) Di-n-butylphthalate	17.95	149	932072	22.535 ng/ul	98
76) Fluoranthene	19.05	202	1087485	22.804 ng/ul#	94
79) Pyrene	19.42	202	1107862	21.832 ng/ul#	91
80) Butylbenzylphthalate	20.34	149	460512	22.152 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.13	252	397318	22.890 ng/ul#	98
82) Benzo(a)anthracene	21.20	228	1159100	22.265 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	644283	21.843 ng/ul#	97
84) Chrysene	21.25	228	1093204	22.276 ng/ul	98
86) Di-n-octyl phthalate	22.01	149	1137421	22.337 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	1168325	22.253 ng/ul#	96
88) Benzo(k)fluoranthene	22.82	252	1103551	21.723 ng/ul#	97
90) Benzo(a)pyrene	23.33	252	1111639	21.865 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.63	276	1345436	21.646 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.63	278	1143571	21.856 ng/ul#	94
93) Benzo(g,h,i)perylene	26.30	276	1134307	21.831 ng/ul#	91

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