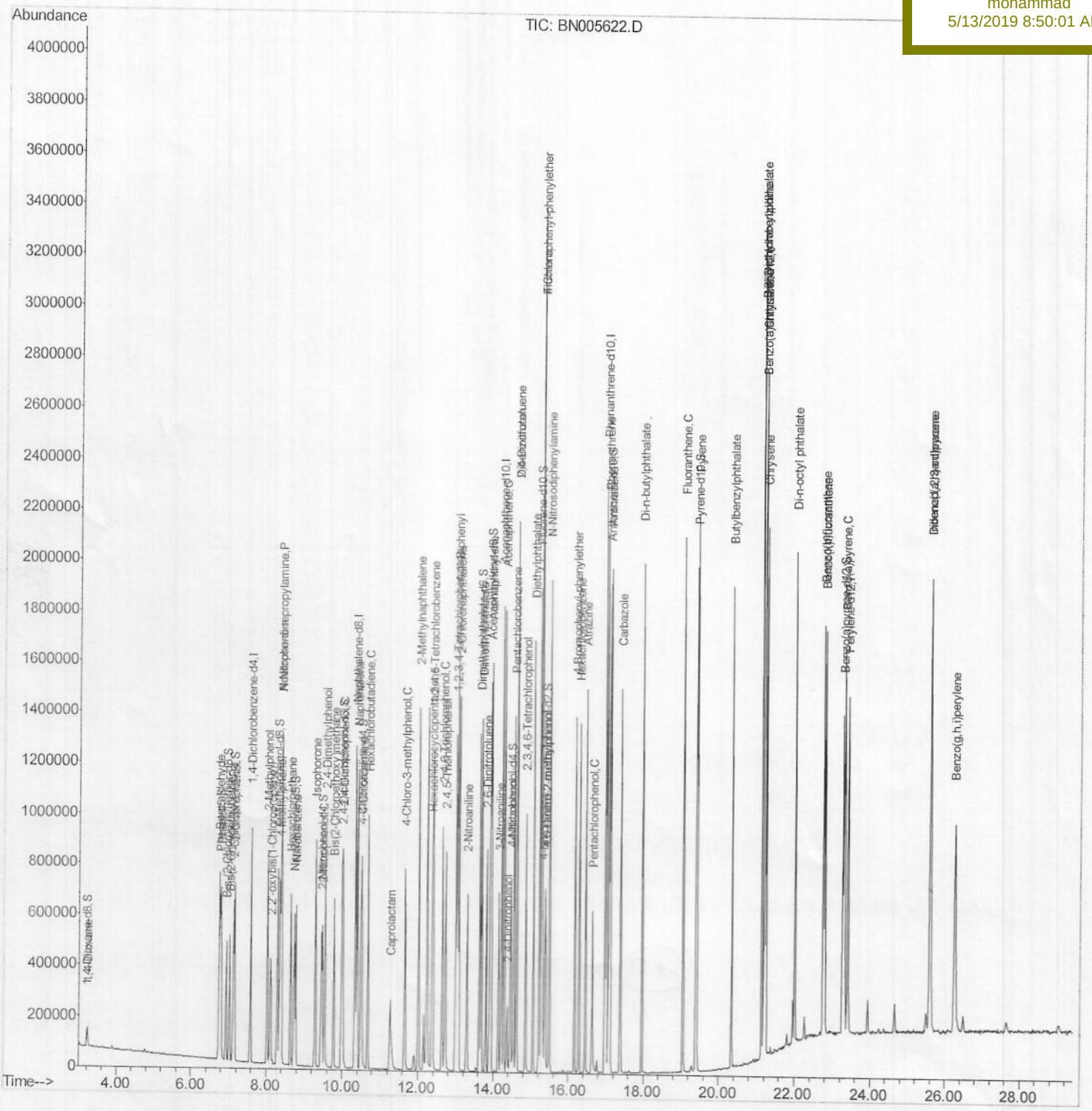
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
Data File : BN005622.D
Acq On : 11 May 2019 11:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 23:15:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
5/13/2019 8:50:01 AM



Quantitation Report (Qedit)

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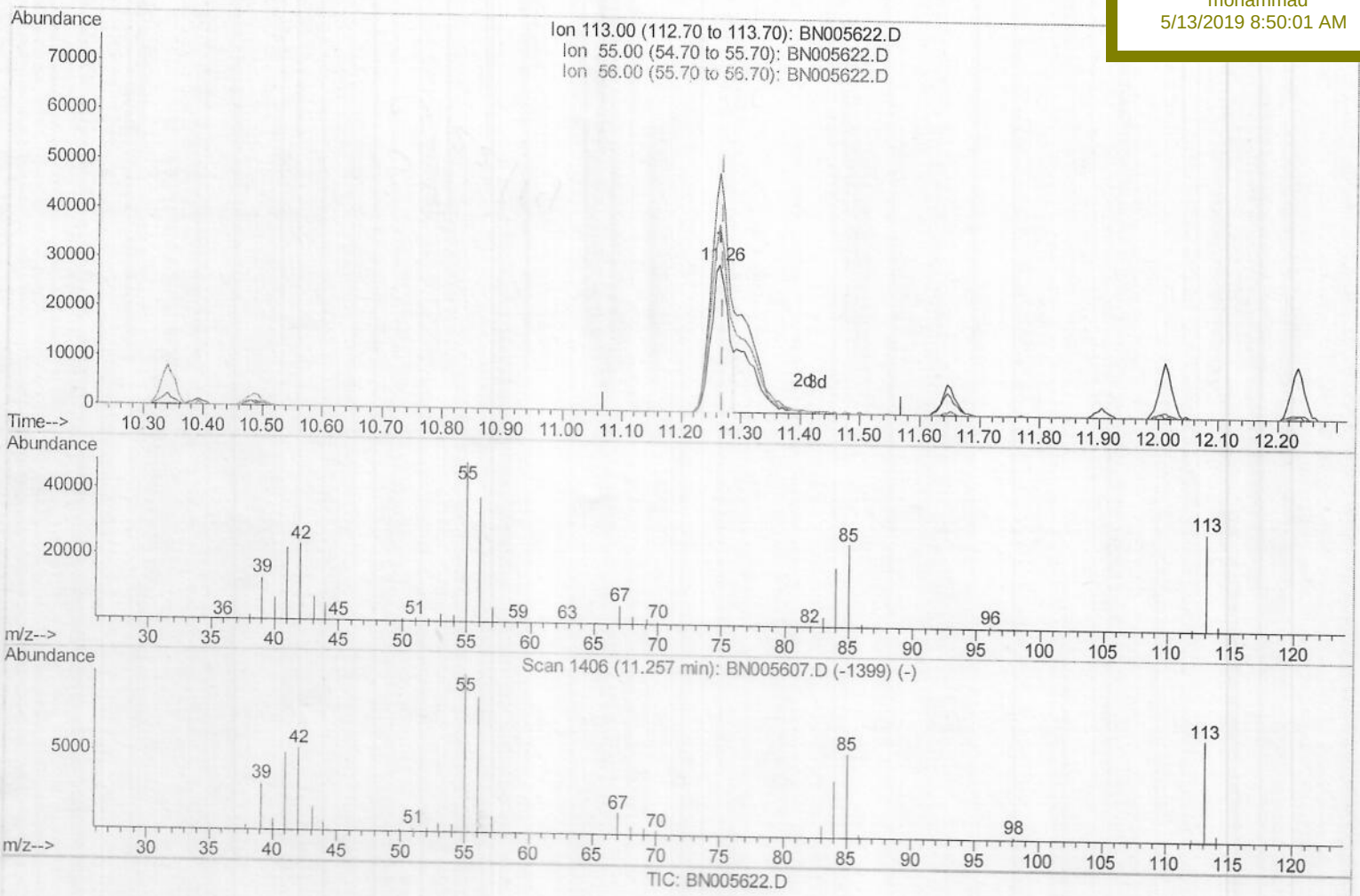

TIC: BN005622.D

(32) Caprolactam

11.263min (-0.006) 13.59ng/ul

response 60329

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	162.92
56.00	148.90	127.81
0.00	0.00	0.00

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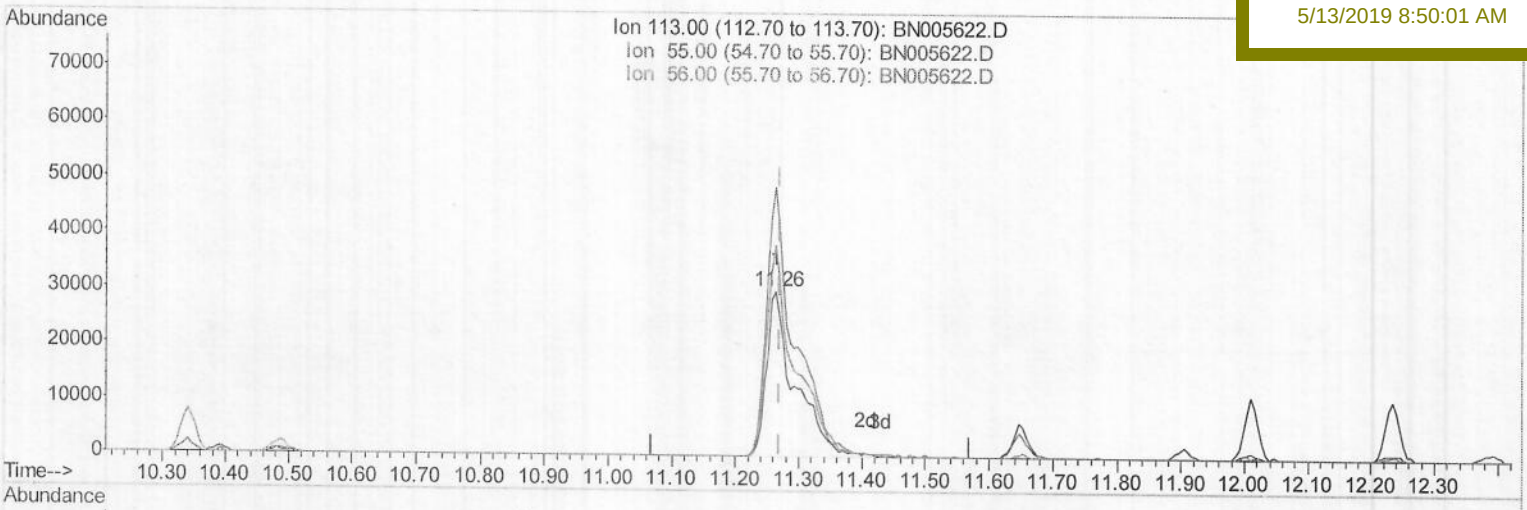

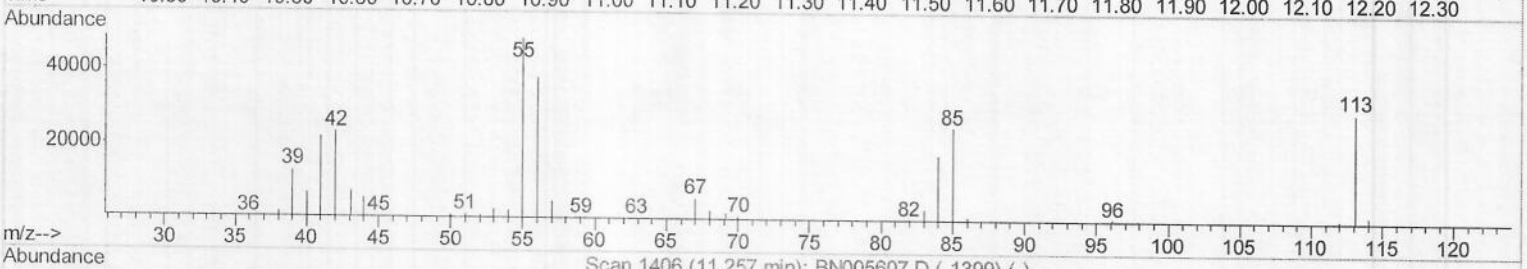

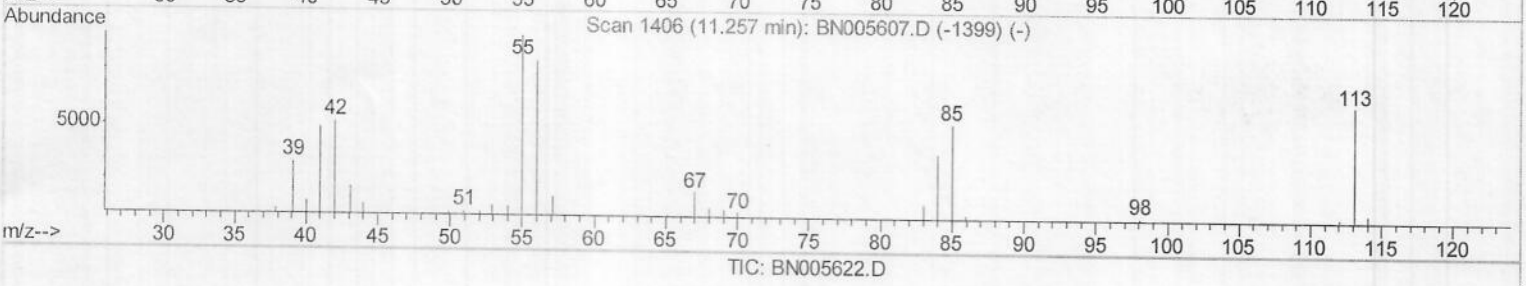

TIC: BN005622.D

(32) Caprolactam

11.263min (-0.006) 21.14ng/ul m

response 93826

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	162.92
56.00	148.90	127.81
0.00	0.00	0.00

JU 05/12/19

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5/13/2019 8:50:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	248886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	1039378	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	628259	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1340121	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	967602	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1008464	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	32210	6.25	ng/uL	0.00
5) Phenol-d5	6.77	99	336269	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	191559	15.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	286880	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	277288	18.15	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	145769	22.79	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	165637	25.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	314841	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	373993	24.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	878647	19.27	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1127466	20.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	127145	17.66	ng/ul	0.00
57) Fluorene-d10	15.22	176	760029	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	129146	21.43	ng/ul	0.00
70) Anthracene-d10	17.07	188	1105749	19.68	ng/ul	0.00
78) Pyrene-d10	19.39	212	1057944	21.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	888008	20.15	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	33535	6.049	ng/uL	98
4) Benzaldehyde	6.74	77	236445	17.069	ng/ul	98
6) Phenol	6.80	94	344757	17.147	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	270232	16.785	ng/ul	91
10) 2-Chlorophenol	7.15	128	287649	18.599	ng/ul	94
11) 2-Methylphenol	8.02	108	270342	17.943	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.11	45	373298	13.810	ng/ul	95
14) Acetophenone	8.39	105	454189	18.572	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.38	70	217833	16.652	ng/ul#	91
16) 4-Methylphenol	8.35	108	292154	17.955	ng/ul	94
17) Hexachloroethane	8.63	117	123678	18.416	ng/ul	92
20) Nitrobenzene	8.77	77	335110	19.034	ng/ul	93
21) Isophorone	9.29	82	618060	17.730	ng/ul	97
23) 2-Nitrophenol	9.47	139	172766	23.509	ng/ul	97
24) 2,4-Dimethylphenol	9.54	107	335484	18.232	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	368834	16.837	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	302874	20.644	ng/ul	95
28) Naphthalene	10.39	128	948470	19.629	ng/ul	98
30) 4-Chloroaniline	10.51	127	383980	24.590	ng/ul	100
31) Hexachlorobutadiene	10.68	225	219313	21.168	ng/ul	97
32) Caprolactam	11.26	113	93826m	21.136	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	306682	18.564	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	695884	19.669	ng/ul	97

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5/13/2019 8:50:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	412173	21.199	ng/ul	97
37) Hexachlorocyclopentadiene	12.36	237	227129	17.134	ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	251214	21.427	ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	259103	20.567	ng/ul	98
40) 1,1'-Biphenyl	13.04	154	901869	19.266	ng/ul	99
41) 2-Chloronaphthalene	13.08	162	720974	20.026	ng/ul	95
42) 2-Nitroaniline	13.30	65	196915	20.621	ng/ul	86
44) Dimethylphthalate	13.68	163	866512	19.068	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	180999	23.067	ng/ul	90
47) Acenaphthylene	13.93	152	1091906	19.835	ng/ul	99
48) 3-Nitroaniline	14.13	138	178749	24.504	ng/ul	90
49) Acenaphthene	14.28	153	731789	19.472	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	69946	18.300	ng/ul#	83
52) 4-Nitrophenol	14.46	109	103760	15.874	ng/ul	96
53) Dibenzofuran	14.62	168	1073213	19.835	ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	262820	23.234	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.86	232	223986	21.371	ng/ul	90
56) Diethylphthalate	15.06	149	863449	18.949	ng/ul	98
58) Fluorene	15.27	166	846076	20.039	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	458143	20.456	ng/ul	96
60) 4-Nitroaniline	15.30	138	188217	20.697	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	132875	20.713	ng/ul#	90
64) N-Nitrosodiphenylamine	15.49	169	737097	20.096	ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	291597	21.598	ng/ul	93
66) Hexachlorobenzene	16.29	284	305721	21.266	ng/ul#	93
67) Atrazine	16.45	200	279236	20.450	ng/ul	99
68) Pentachlorophenol	16.63	266	133211	15.825	ng/ul	97
69) Phenanthrene	17.02	178	1280752	19.624	ng/ul	99
71) Anthracene	17.10	178	1300237	19.556	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	418179	21.364	ng/uL	97
73) Pentachlorobenzene	14.55	250	383265	21.755	ng/uL	99
74) Carbazole	17.38	167	1087751	19.045	ng/ul	99
75) Di-n-butylphthalate	17.96	149	1377222	19.219	ng/ul	100
76) Fluoranthene	19.05	202	1337213	18.472	ng/ul#	95
79) Pyrene	19.42	202	1323725	21.247	ng/ul#	93
80) Butylbenzylphthalate	20.34	149	531325	21.541	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	386533	19.994	ng/ul#	98
82) Benzo(a)anthracene	21.19	228	1164063	19.338	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	756443	19.916	ng/ul#	97
84) Chrysene	21.25	228	1090673	19.523	ng/ul	98
86) Di-n-octyl phthalate	22.01	149	1205503	19.518	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1102153	19.442	ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	1066769	19.704	ng/ul#	97
90) Benzo(a)pyrene	23.32	252	1053654	19.774	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	1242712	21.094	ng/ul	95
92) Dibenzo(a,h)anthracene	25.60	278	1044498	20.891	ng/ul#	94
93) Benzo(g,h,i)perylene	26.26	276	1029684	21.138	ng/ul#	95

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