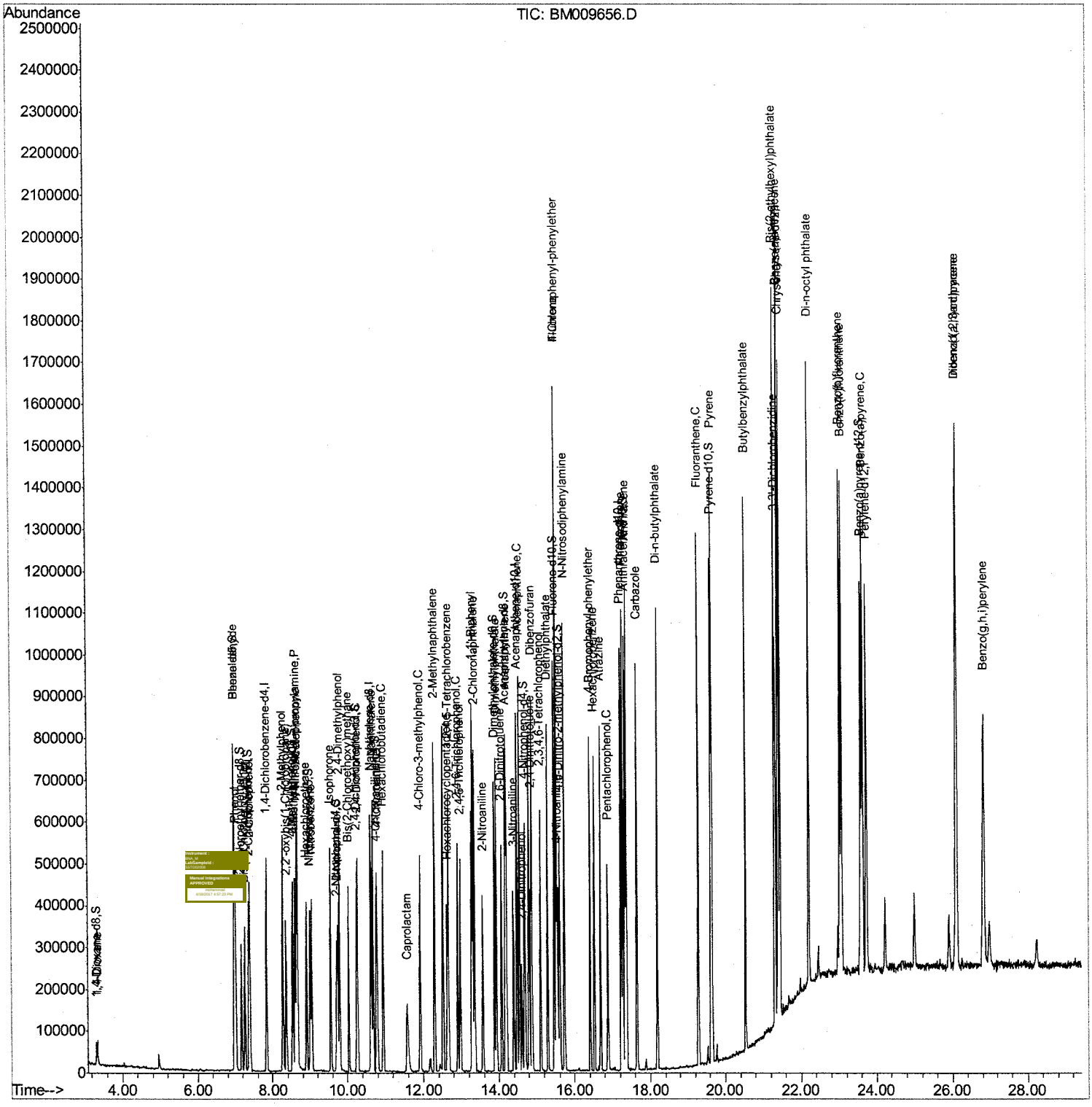
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041717\
Data File : BM009656.D
Acq On : 17 Apr 2017 20:11
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 01:50:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 18:22:30 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

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Quant Time: Apr 18 01:36:08 2017
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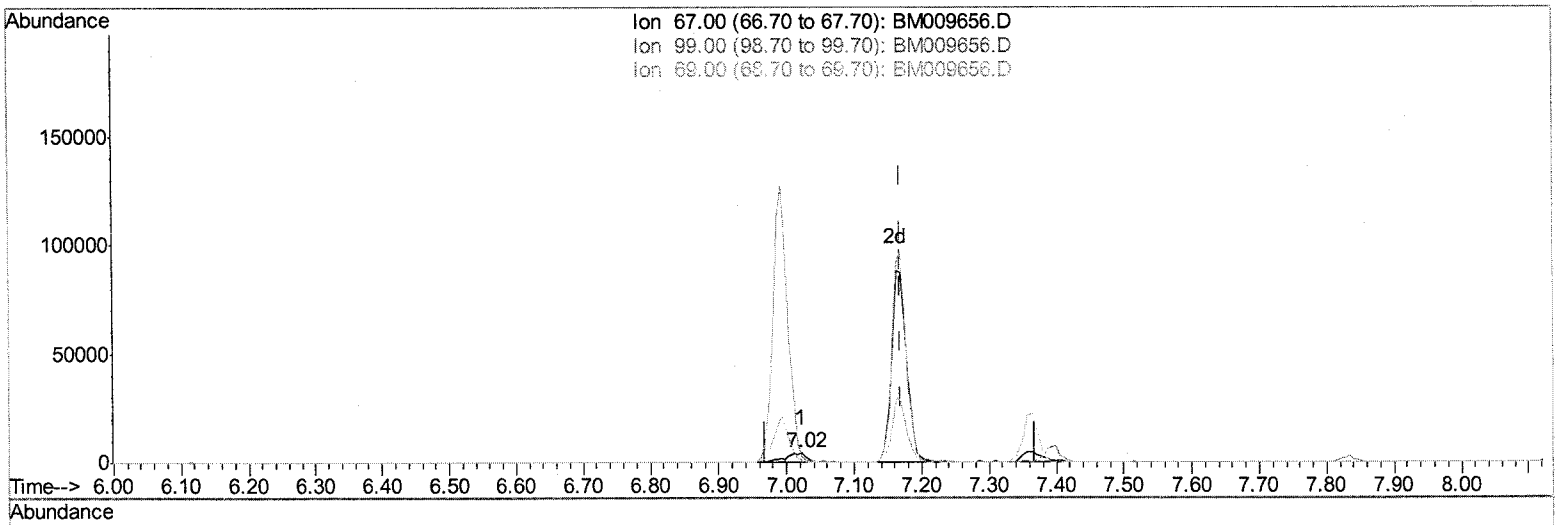

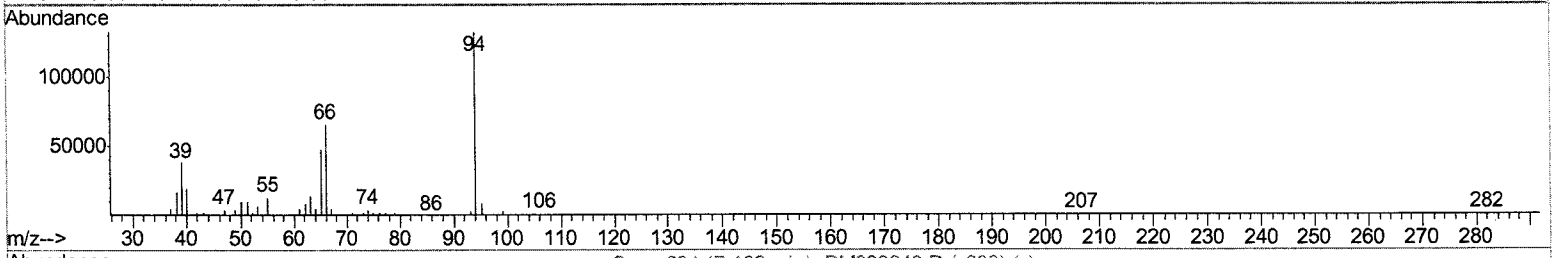

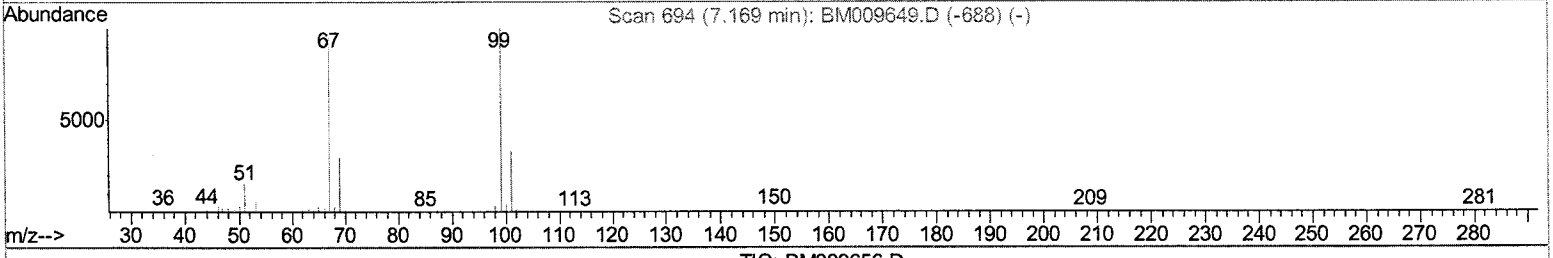

TIC: BM009656.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.022min (-0.147) 0.94ng/ul

response 7053

Ion	Exp%	
67.00	100	100
99.00	81.20	66.59
69.00	29.10	26.98
0.00	0.00	0.00

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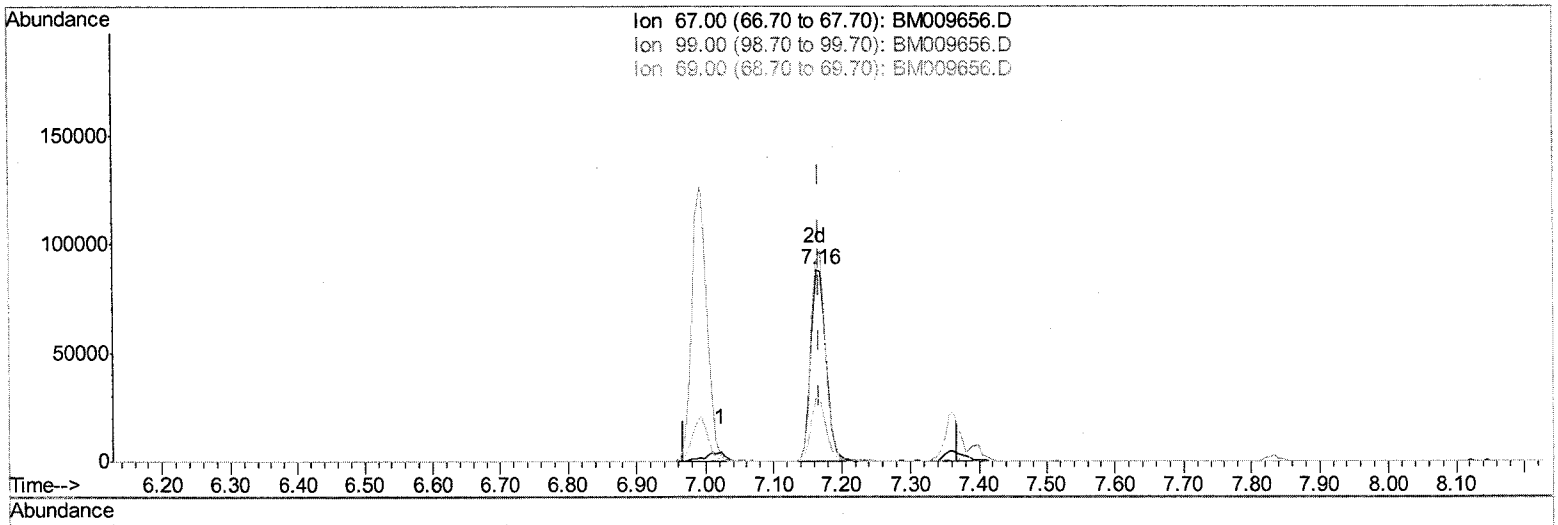

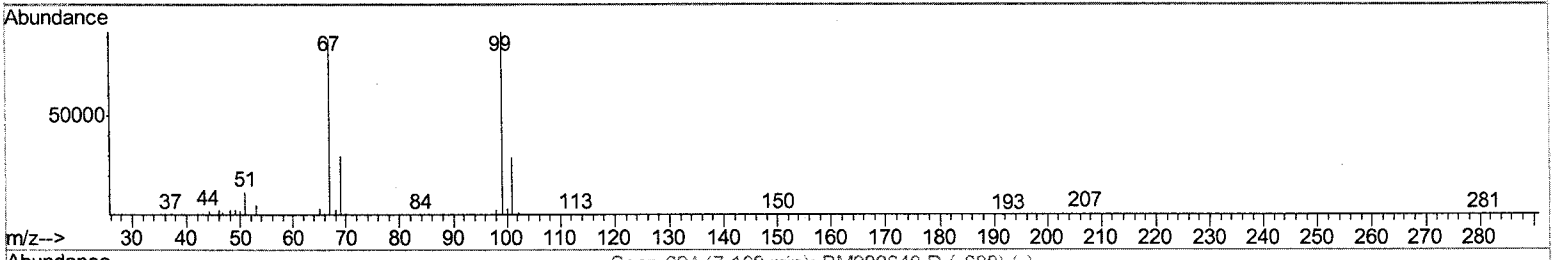

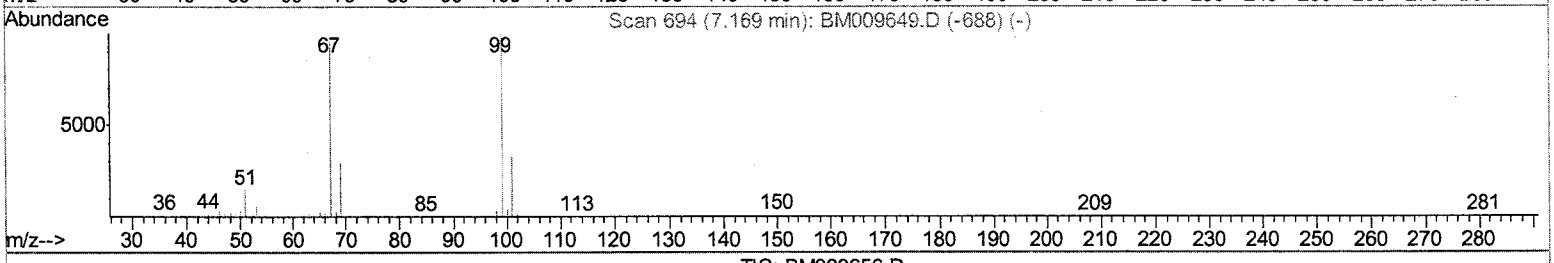

TIC: BM009656.D

(7) Bis-(2-Chloroethyl)ether-d8 (S) 5J 4/20/17

7.163min (-0.006) 18.68ng/ul m

response 139939

Ion	Exp%	
67.00	100	100
99.00	81.20	104.57#
69.00	29.10	33.65
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	116870	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	439765	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	244179	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	565406	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	727215	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	689117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22146	6.98	ng/uL	0.00
5) Phenol-d5	6.99	99	194233	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	139939m	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	137559	18.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	143567	18.24	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	64902	19.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	68552	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	136636	19.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	160815	22.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	382362	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	498451	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	64537	18.26	ng/ul	0.00
57) Fluorene-d10	15.47	176	340530	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	61359	17.03	ng/ul	0.00
70) Anthracene-d10	17.33	188	526779	19.23	ng/ul	0.00
76) Pyrene-d10	19.62	212	586945	18.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	599609	19.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	25801	6.92	ng/uL#	71
4) Benzaldehyde	6.99	77	150099	22.79	ng/ul#	82
6) Phenol	7.02	94	215153	18.70	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.26	93	164497	18.66	ng/ul#	82
10) 2-Chlorophenol	7.39	128	147152	19.02	ng/ul#	79
11) 2-Methylphenol	8.27	108	148570	18.46	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	268904	18.67	ng/ul#	96
14) Acetophenone	8.66	105	246612	18.31	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.63	70	148187	18.64	ng/ul#	86
16) 4-Methylphenol	8.60	108	159945	18.19	ng/ul	97
17) Hexachloroethane	8.90	117	69024	18.44	ng/ul	92
20) Nitrobenze	9.04	77	218389	19.53	ng/ul#	87
21) Isophorone	9.56	82	351930	19.26	ng/ul#	95
23) 2-Nitrophenol	9.75	139	74936	18.72	ng/ul#	50
24) 2,4-Dimethylphenol	9.80	107	181988	19.32	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.04	93	215361	19.59	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	140541	19.73	ng/ul#	89
28) Naphthalene	10.68	128	447402	19.49	ng/ul	98
30) 4-Chloroaniline	10.80	127	169733	22.78	ng/ul	96
31) Hexachlorobutadiene	10.95	225	104149	19.60	ng/ul	99
32) Caprolactam	11.58	113	43964	18.91	ng/ul#	64
33) 4-Chloro-3-methylphenol	11.91	107	153135	19.11	ng/ul#	87
34) 2-Methylnaphthalene	12.29	142	321114	19.79	ng/ul	98

SJ 4/20/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	186629	20.78 ng/ul#	96
37) Hexachlorocyclopentadiene	12.63	237	90143	18.43 ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	112138	19.52 ng/ul	86
39) 2,4,5-Trichlorophenol	12.97	196	112987	19.46 ng/ul	93
40) 1,1'-Biphenyl	13.31	154	404731	19.77 ng/ul	93
41) 2-Chloronaphthalene	13.35	162	317427	19.63 ng/ul	96
42) 2-Nitroaniline	13.57	65	124679	20.16 ng/ul#	77
44) Dimethylphthalate	13.93	163	385653	19.47 ng/ul	97
45) 2,6-Dinitrotoluene	14.06	165	78874	19.95 ng/ul#	72
47) Acenaphthylene	14.20	152	502118	20.07 ng/ul	99
48) 3-Nitroaniline	14.39	138	77838	19.92 ng/ul#	86
49) Acenaphthene	14.54	153	340325	20.22 ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	42122	17.19 ng/ul#	70
52) 4-Nitrophenol	14.69	109	75565	18.31 ng/ul#	64
53) Dibenzofuran	14.88	168	486525	20.09 ng/ul#	85
54) 2,4-Dinitrotoluene	14.86	165	113492	19.38 ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.10	232	108476	20.32 ng/ul#	97
56) Diethylphthalate	15.30	149	395290	19.52 ng/ul	98
58) Fluorene	15.53	166	399624	19.89 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	209124	20.03 ng/ul	92
60) 4-Nitroaniline	15.56	138	79955	18.69 ng/ul#	31
63) 4,6-Dinitro-2-methylphenol	15.62	198	67948	17.92 ng/ul#	86
64) N-Nitrosodiphenylamine	15.74	169	337126	19.51 ng/ul	98
65) 4-Bromophenyl-phenylether	16.42	248	125227	19.26 ng/ul#	89
66) Hexachlorobenzene	16.53	284	135256	18.96 ng/ul	91
67) Atrazine	16.69	200	126607	18.87 ng/ul	94
68) Pentachlorophenol	16.88	266	77907	17.71 ng/ul	90
69) Phenanthrene	17.27	178	617924	19.47 ng/ul	97
71) Anthracene	17.36	178	643508	19.48 ng/ul	97
72) Carbazole	17.64	167	543115	18.72 ng/ul	99
73) Di-n-butylphthalate	18.19	149	668104	19.03 ng/ul#	97
74) Fluoranthene	19.29	202	717245	18.22 ng/ul#	89
77) Pyrene	19.65	202	780864	18.90 ng/ul#	91
78) Butylbenzylphthalate	20.54	149	312455	18.32 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.33	252	286052	19.36 ng/ul	99
80) Benzo(a)anthracene	21.39	228	817036	19.19 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	468870	18.59 ng/ul	98
82) Chrysene	21.44	228	737299	19.22 ng/ul	98
84) Di-n-octyl[illegible]alate	22.20	149	817851	17.84 ng/ul#	92
85) Benzo(b)fl[illegible]thene	23.03	252	827308	19.51 ng/ul#	97
86) Benzo(k)fl[illegible]thene	23.07	252	772687	19.13 ng/ul#	97
88) Benzo(a)pyrene	23.63	252	778677	19.05 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	917384	19.21 ng/ul#	88
90) Dibenzo(a,h)anthracene	26.10	278	779915	19.32 ng/ul#	96
91) Benzo(g,h,i)perylene	26.82	276	753583	19.31 ng/ul#	92

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