Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\

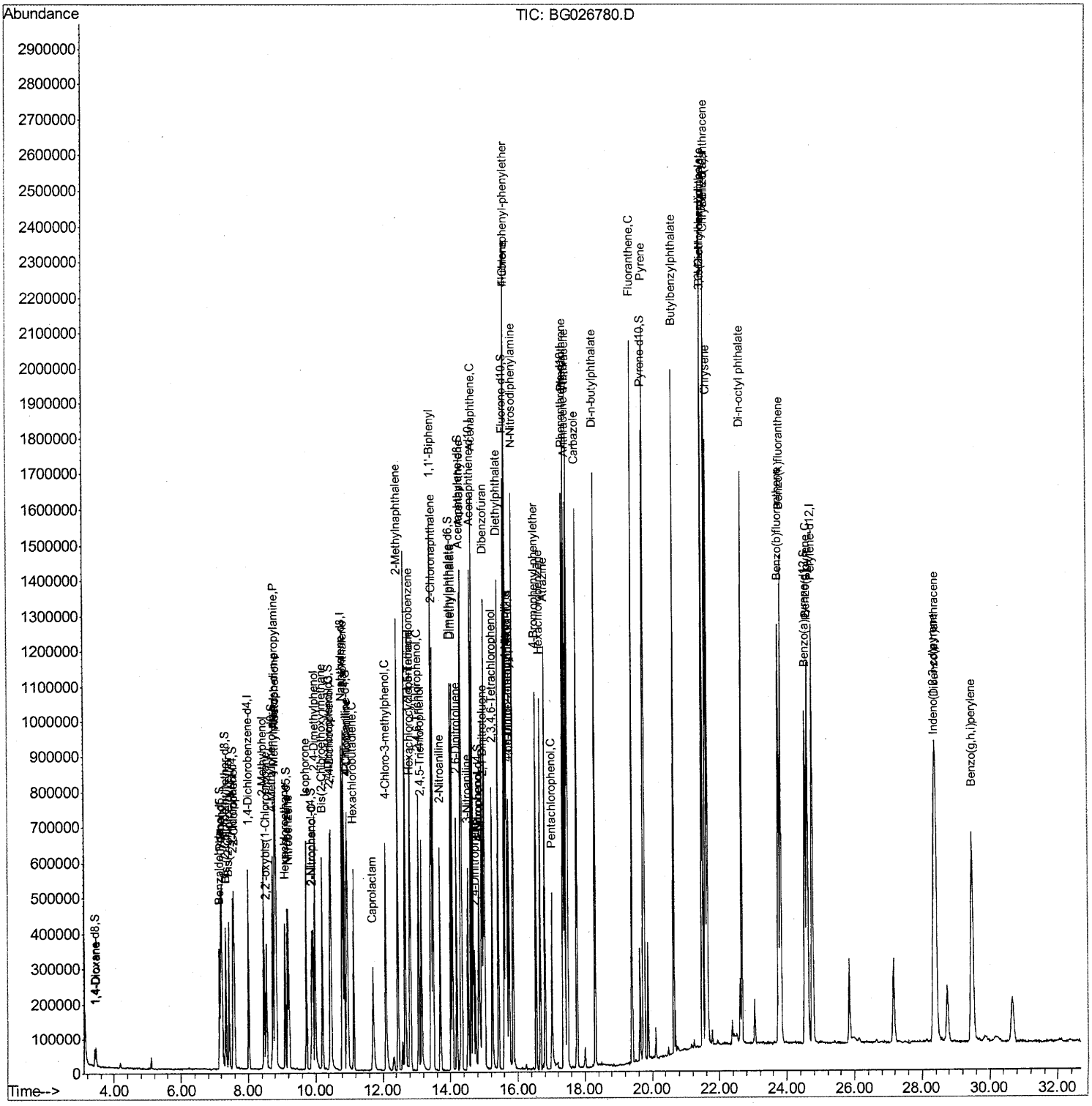
Quantitation Report (QT Reviewed)

Data File : BG026780.D
Acq On : 30 Apr 2017 19:40
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 05:00:36 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 04:18:19 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02065

Manual Integrations APPROVED
mohammad
5/1/2017 6:51:58 PM



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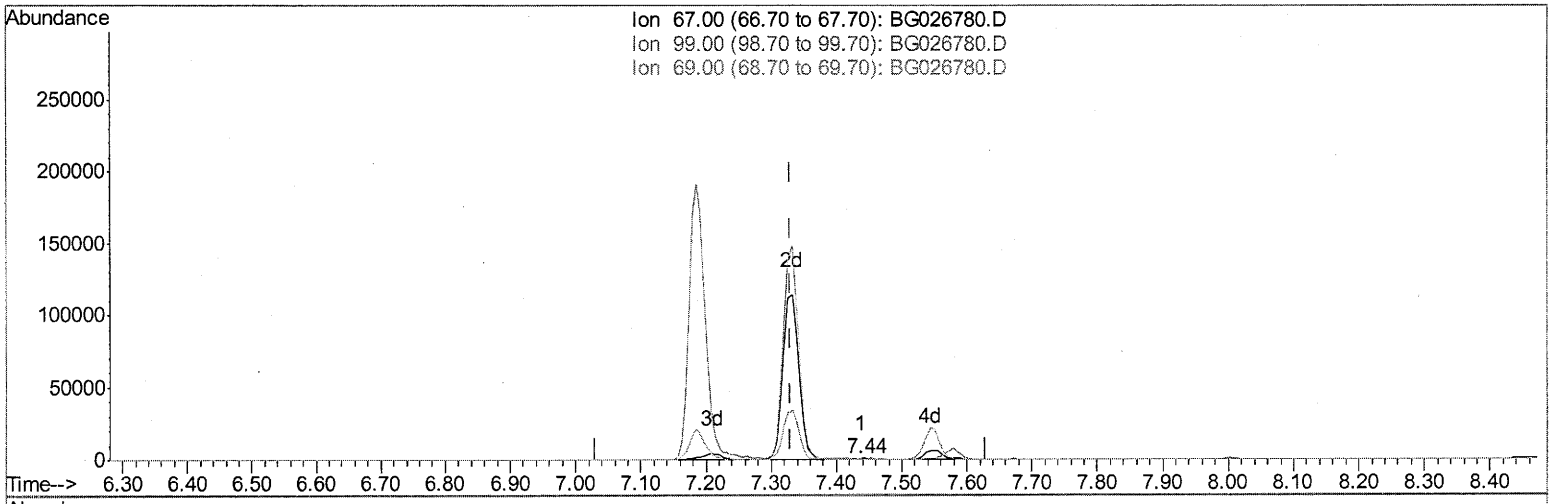

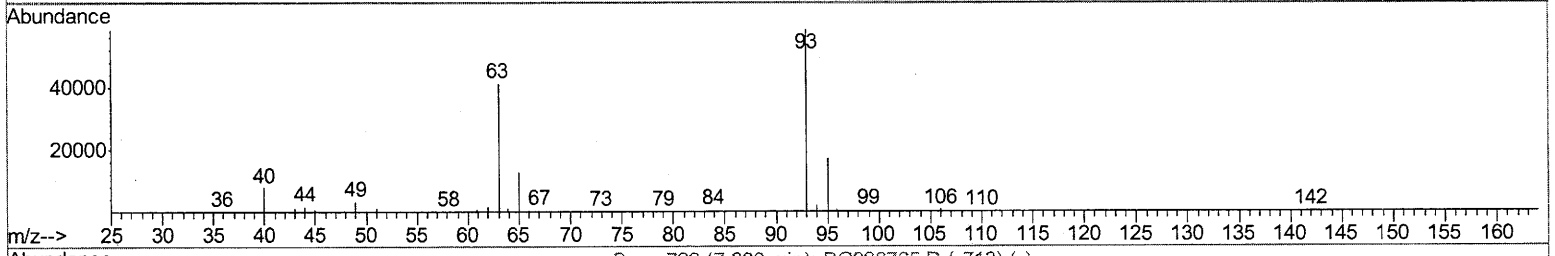

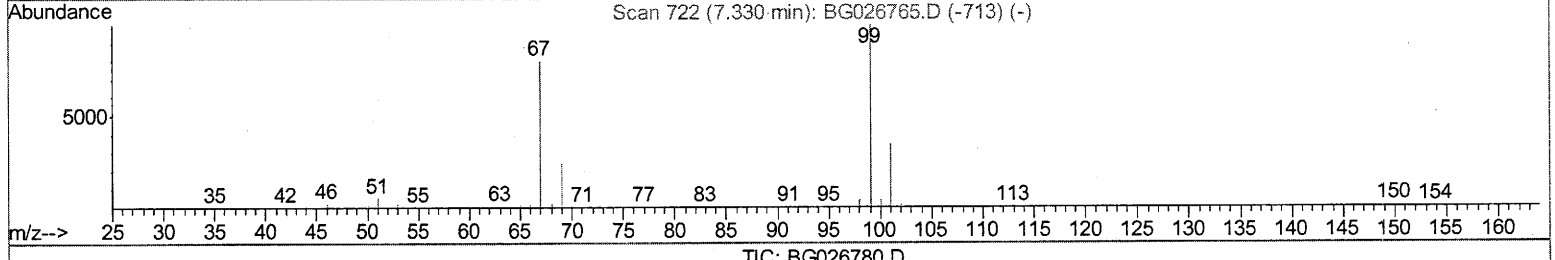

TIC: BG026780.D

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

7.438min (+0.108) 0.10ng/ul

response 882

Ion	Exp%	Act%
67.00	100	100
99.00	102.80	84.88
69.00	31.30	33.77
0.00	0.00	0.00

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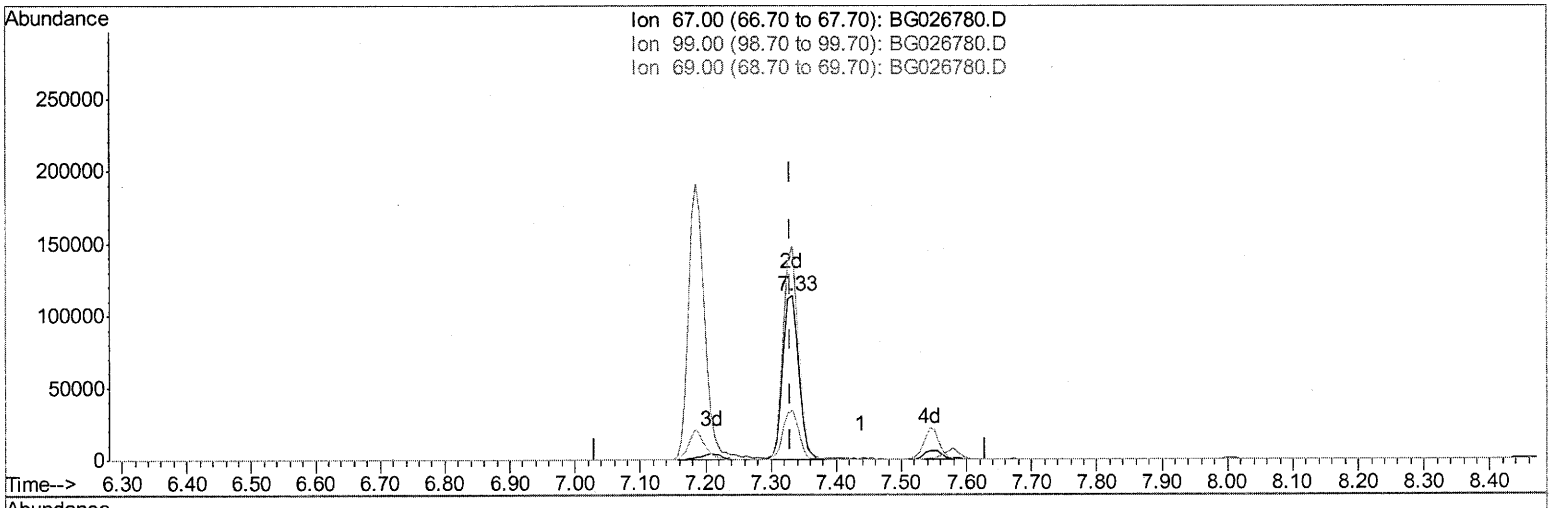

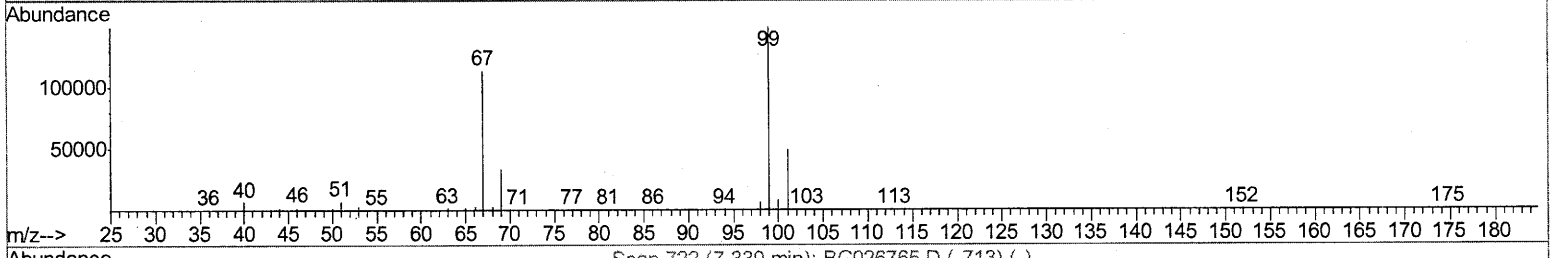

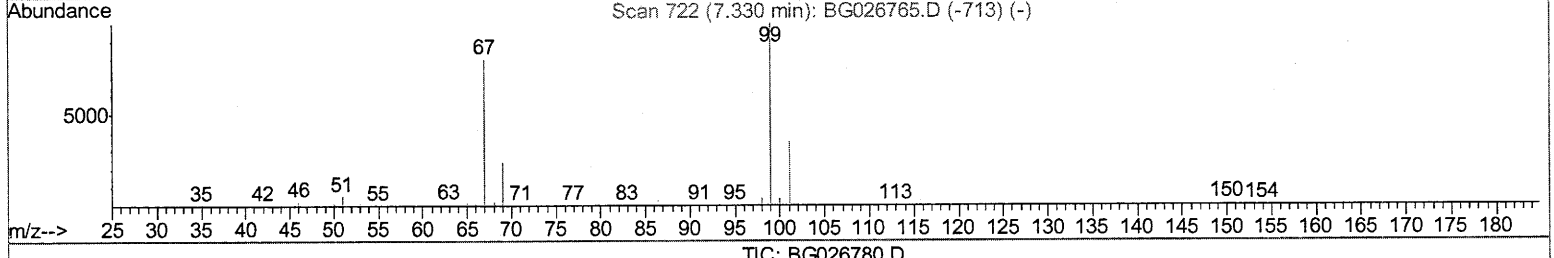

TIC: BG026780.D

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

7.332min (+0.002) 20.75ng/ul m SJ 5/5/17

response 188234

Ion	Exp%	Act%
67.00	100	100
99.00	102.80	131.07#
69.00	31.30	30.14
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	8.01	152	172860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	861294	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	499362	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	972230	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	891967	20.00	ng/ul	0.00
83) Perylene-d12	24.75	264	917602	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	30243	7.88	ng/uL	0.00
5) Phenol-d5	7.19	99	338716	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	188234m	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	268372	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	278992	21.79	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	142780	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	158784	20.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	259458	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	381183	22.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	793290	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1019774	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	137170	18.93	ng/ul	0.00
57) Fluorene-d10	15.60	176	687008	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	119966	20.32	ng/ul	0.00
70) Anthracene-d10	17.45	188	950851	20.15	ng/ul	0.00
76) Pyrene-d10	19.73	212	905194	19.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	883769	20.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	31535	7.20	ng/uL#	77
4) Benzaldehyde	7.14	77	128444	17.23	ng/ul#	69
6) Phenol	7.21	94	343250	21.95	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	246262	20.40	ng/ul	87
10) 2-Chlorophenol	7.58	128	262906	20.40	ng/ul#	80
11) 2-Methylphenol	8.46	108	271010	21.90	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	269327	21.38	ng/ul#	87
14) Acetophenone	8.82	105	399124	21.22	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.81	70	188069	20.27	ng/ul#	71
16) 4-Methylphenol	8.78	108	301657	22.29	ng/ul	99
17) Hexachloroethane	9.09	117	95858	19.78	ng/ul#	71
20) Nitrobenzene	9.21	77	276069	19.87	ng/ul#	76
21) Isophorone	9.72	82	537605	20.16	ng/ul#	91
23) 2-Nitrophenol	9.92	139	167298	20.32	ng/ul#	56
24) 2,4-Dimethylphenol	9.98	107	312405	20.81	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.21	93	358749	19.69	ng/ul#	92
27) 2,4-Dichlorophenol	10.46	162	261652	21.09	ng/ul	95
28) Naphthalene	10.86	128	887066	19.79	ng/ul	99
30) 4-Chloroaniline	10.96	127	359855	22.91	ng/ul	97
31) Hexachlorobutadiene	11.15	225	119223	19.00	ng/ul	91
32) Caprolactam	11.71	113	100603	21.70	ng/ul#	67
33) 4-Chloro-3-methylphenol	12.10	107	300217	22.31	ng/ul#	81
34) 2-Methylnaphthalene	12.46	142	672844	20.22	ng/ul	94

SJ 5/5/17

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5/1/2017 6:51:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	253549	19.26	ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	131287	22.63	ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	188848	20.85	ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	186776	19.95	ng/ul	97
40) 1,1'-Biphenyl	13.45	154	816761	19.46	ng/ul	96
41) 2-Chloronaphthalene	13.50	162	620083	19.65	ng/ul	96
42) 2-Nitroaniline	13.70	65	190109	21.08	ng/ul#	71
44) Dimethylphthalate	14.07	163	769698	19.56	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	167150	20.13	ng/ul#	85
47) Acenaphthylene	14.34	152	1023284	19.90	ng/ul	99
48) 3-Nitroaniline	14.52	138	177254	20.29	ng/ul#	78
49) Acenaphthene	14.68	153	702844	19.65	ng/ul	95
50) 2,4-Dinitrophenol	14.74	184	94326	22.22	ng/ul#	71
52) 4-Nitrophenol	14.85	109	80324	18.90	ng/ul#	26
53) Dibenzofuran	15.02	168	943197	19.81	ng/ul	93
54) 2,4-Dinitrotoluene	14.98	165	238785	20.09	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.25	232	148107	20.14	ng/ul#	75
56) Diethylphthalate	15.42	149	809328	19.65	ng/ul	98
58) Fluorene	15.66	166	764155	19.66	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	329939	19.47	ng/ul	93
60) 4-Nitroaniline	15.68	138	168262	17.47	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.75	198	122306	19.89	ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	655039	20.50	ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	195326	20.13	ng/ul#	80
66) Hexachlorobenzene	16.67	284	208094	19.92	ng/ul#	88
67) Atrazine	16.80	200	201564	20.18	ng/ul#	93
68) Pentachlorophenol	17.02	266	96343	20.19	ng/ul	86
69) Phenanthrene	17.40	178	1091978	19.94	ng/ul	100
71) Anthracene	17.49	178	1125523	20.03	ng/ul	98
72) Carbazole	17.76	167	1031816	21.72	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1297301	20.99	ng/ul#	96
74) Fluoranthene	19.40	202	1128016	22.18	ng/ul#	81
77) Pyrene	19.76	202	1151246	19.24	ng/ul#	74
78) Butylbenzylphthalate	20.63	149	598244	21.52	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	361154	21.06	ng/ul#	93
80) Benzo(a)anthracene	21.58	228	1038540	19.91	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.47	149	862862	21.75	ng/ul#	99
82) Chrysene	21.64	228	958529	19.78	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1472412	23.35	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1044797	19.93	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	1049251	20.37	ng/ul#	94
88) Benzo(a)pyrene	24.61	252	1033161	20.02	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.35	276	1238172	20.24	ng/ul#	81
90) Dibenzo(a,h)anthracene	28.41	278	1046215	20.17	ng/ul#	87
91) Benzo(g,h,i)perylene	29.48	276	1023078	20.17	ng/ul#	81

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