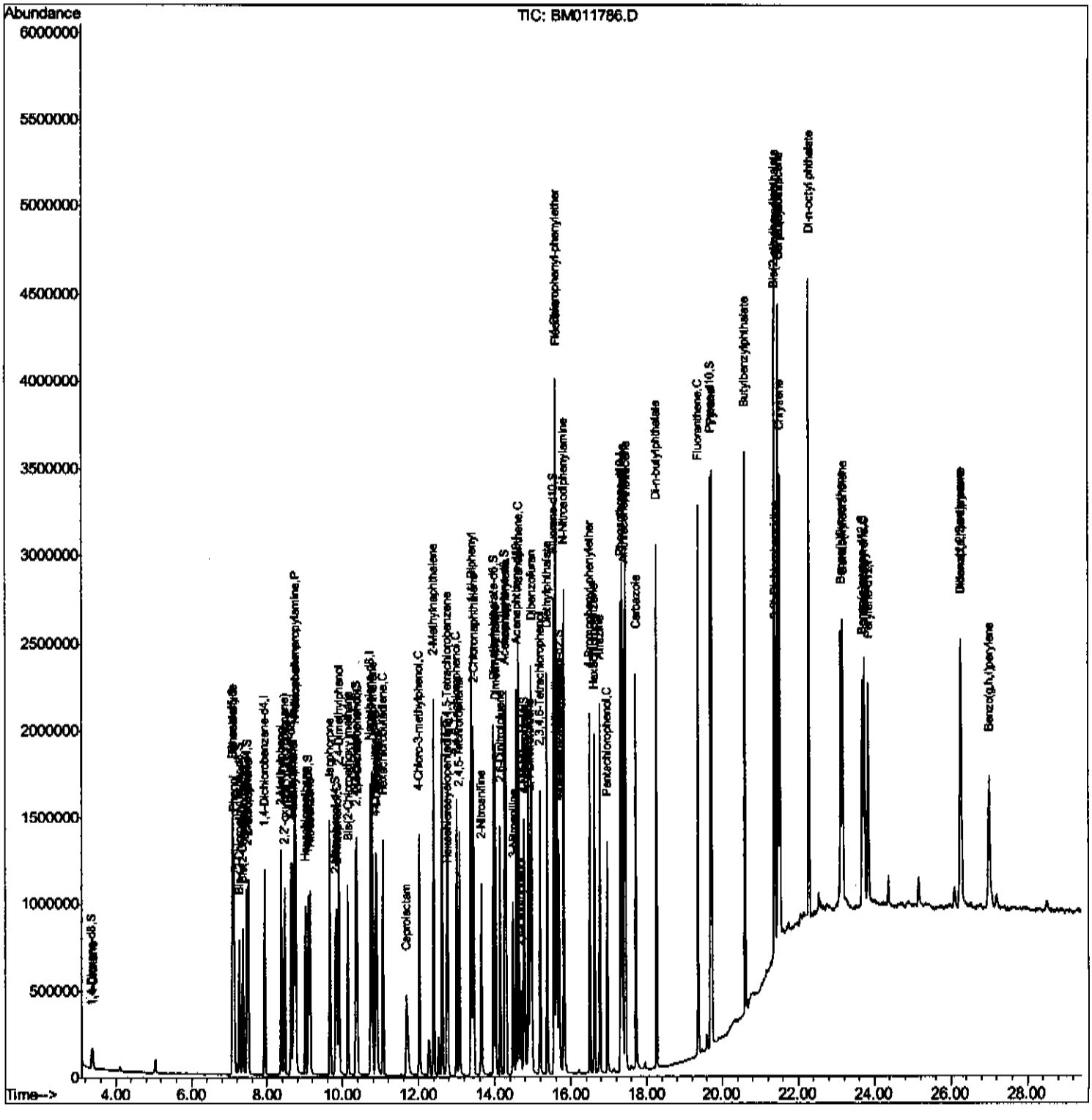
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011786.D
Acq On : 30 Sep 2017 02:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 06:35:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 30 00:51:32 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02099

Manual Integrations APPROVED
Sohil
10/2/2017 5:41:29 PM



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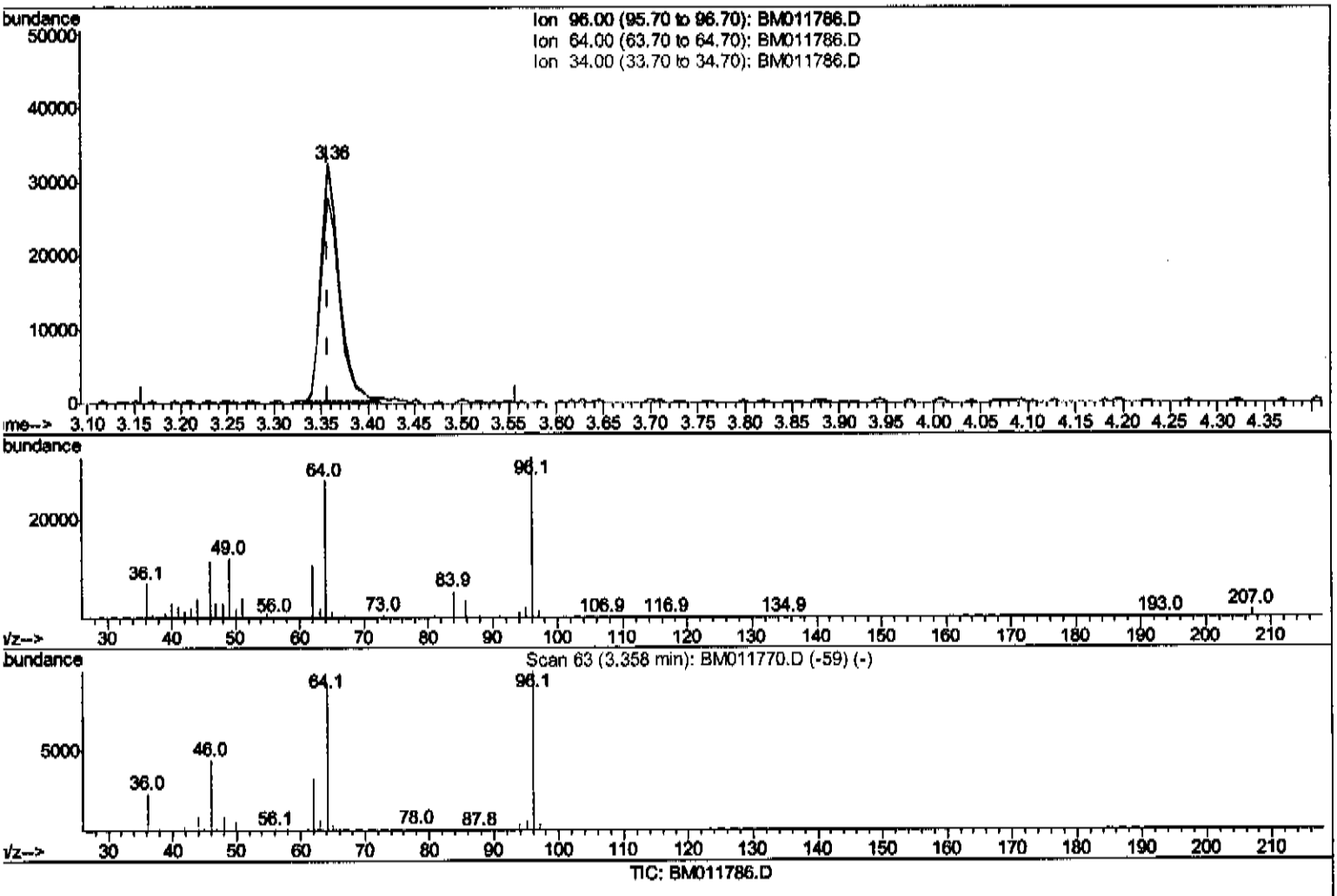

TIC: BM011786.D

(3) 1,4-Dioxane-d8 (S)

3.357min (-0.000) 6.83ng/uL

response 43714

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	90.69#
34.00	0.00	0.00
0.00	0.00	0.00

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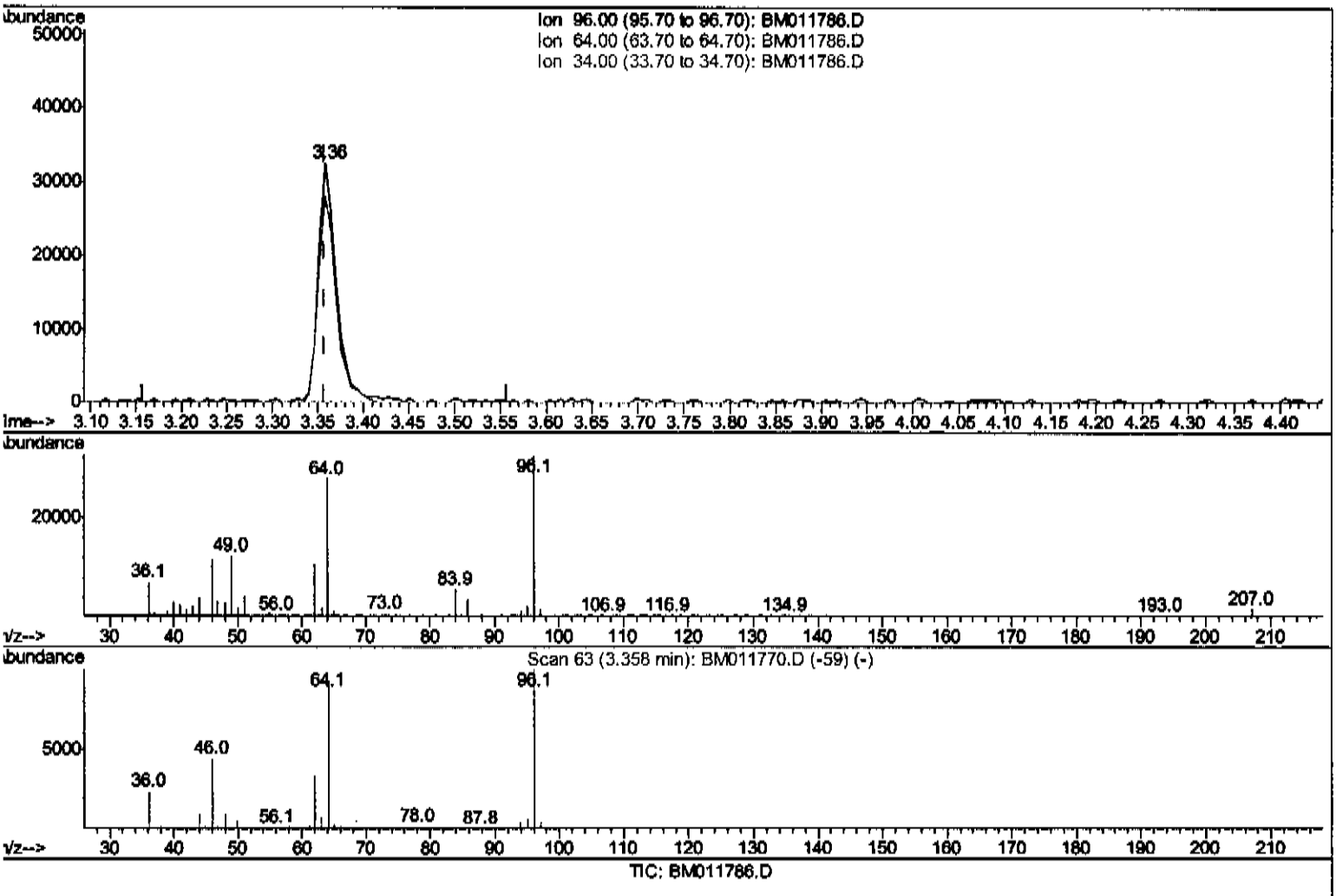

TIC: BM011786.D

(3) 1,4-Dioxane-d8 (S)

3.357min (-0.000) 7.30ng/uL m JE 10/6/17

response 46682

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	84.92
34.00	0.00	0.00
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	7.93	152	285214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1280102	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	708376	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1541991	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1271876	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1005998	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	46682m	7.30	ng/uL	0.00
5) Phenol-d5	7.09	99	512638	18.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	370986	18.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	422352	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	410612	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	202142	20.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	225543	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	414467	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	510932	22.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1179109	19.41	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1481078	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	190948	18.39	ng/ul	0.00
57) Fluorene-d10	15.56	176	1014538	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	147289	14.10	ng/ul	0.00
70) Anthracene-d10	17.41	188	1531069	19.51	ng/ul	0.00
76) Pyrene-d10	19.70	212	1583666	26.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	958854	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	48224	6.773	ng/uL	92
4) Benzaldehyde	7.07	77	309078	22.468	ng/ul	95
6) Phenol	7.12	94	522718	18.424	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.35	93	410606	18.825	ng/ul#	80
10) 2-Chlorophenol	7.50	128	402146	19.748	ng/ul#	85
11) 2-Methylphenol	8.37	108	390335	18.735	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.47	45	859411	18.395	ng/ul	96
14) Acetophenone	8.76	105	658578	18.653	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.74	70	369086	18.520	ng/ul	91
16) 4-Methylphenol	8.70	108	430443	18.795	ng/ul	95
17) Hexachloroethane	9.02	117	177702	19.789	ng/ul#	67
20) Nitrobenzene	9.15	77	539470	19.629	ng/ul	99
21) Isophorone	9.66	82	977717	18.965	ng/ul#	97
23) 2-Nitrophenol	9.85	139	231404	20.869	ng/ul#	89
24) 2,4-Dimethylphenol	9.90	107	496676	19.676	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.15	93	573018	19.197	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	398916	20.636	ng/ul#	92
28) Naphthalene	10.79	128	1303519	19.482	ng/ul	100
30) 4-Chloroaniline	10.90	127	487135	22.414	ng/ul	94
31) Hexachlorobutadiene	11.07	225	270295	19.862	ng/ul	96
32) Caprolactam	11.68	113	119490	19.078	ng/ul	87
33) 4-Chloro-3-methylphenol	12.02	107	429872	19.642	ng/ul	100
34) 2-Methylnaphthalene	12.40	142	927713	19.560	ng/ul	96

JU 10/6/17

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10/2/2017 5:41:29 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	486633	20.322 ng/ul#	96
37) Hexachlorocyclopentadiene	12.74	237	206136	13.393 ng/ul	99
38) 2,4,6-Trichlorophenol	13.00	196	324897	21.127 ng/ul	96
39) 2,4,5-Trichlorophenol	13.07	196	331105	20.798 ng/ul	99
40) 1,1'-Biphenyl	13.40	154	1152228	19.749 ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	911703	20.393 ng/ul	97
42) 2-Nitroaniline	13.66	65	333895	20.310 ng/ul	90
44) Dimethylphthalate	14.02	163	1123630	19.337 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	223552	20.891 ng/ul#	92
47) Acenaphthylene	14.30	152	1452883	19.712 ng/ul	99
48) 3-Nitroaniline	14.48	138	224168	20.485 ng/ul	93
49) Acenaphthene	14.64	153	971328	19.351 ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	79900	11.375 ng/ul#	69
52) 4-Nitrophenol	14.78	109	176985	17.424 ng/ul	94
53) Dibenzofuran	14.97	168	1348099	19.555 ng/ul	96
54) 2,4-Dinitrotoluene	14.93	165	299897	19.640 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.20	232	292151	19.895 ng/ul#	87
56) Diethylphthalate	15.38	149	1172561	19.190 ng/ul	93
58) Fluorene	15.62	166	1104948	18.928 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.61	204	564546	19.232 ng/ul	97
60) 4-Nitroaniline	15.64	138	233588	19.452 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.70	198	152485	14.377 ng/ul	100
64) N-Nitrosodiphenylamine	15.82	169	906277	19.883 ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	338626	19.965 ng/ul	91
66) Hexachlorobenzene	16.62	284	385602	20.461 ng/ul#	86
67) Atrazine	16.77	200	338413	19.150 ng/ul	94
68) Pentachlorophenol	16.96	266	225591	18.184 ng/ul	97
69) Phenanthrene	17.36	178	1657156	19.202 ng/ul	98
71) Anthracene	17.44	178	1728796	19.442 ng/ul	98
72) Carbazole	17.72	167	1443103	18.525 ng/ul	99
73) Di-n-butylphthalate	18.26	149	2022840	20.163 ng/ul	98
74) Fluoranthene	19.36	202	1894749	17.982 ng/ul#	89
77) Pyrene	19.73	202	1948107	25.703 ng/ul#	89
78) Butylbenzylphthalate	20.60	149	897840	28.341 ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.39	252	404288	16.717 ng/ul#	93
80) Benzo(a)anthracene	21.47	228	1495539	21.017 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	1301778	27.529 ng/ul#	95
82) Chrysene	21.52	228	1377206	20.521 ng/ul	98
84) Di-n-octyl phthalate	22.28	149	2081383	26.770 ng/ul#	84
85) Benzo(b)fluoranthene	23.13	252	1237517	20.849 ng/ul#	96
86) Benzo(k)fluoranthene	23.17	252	1142838	18.874 ng/ul#	95
88) Benzo(a)pyrene	23.74	252	1102642	19.234 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	1242549	20.817 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	1050064	21.005 ng/ul#	93
91) Benzo(g,h,i)perylene	27.01	276	1053561	21.265 ng/ul#	92

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