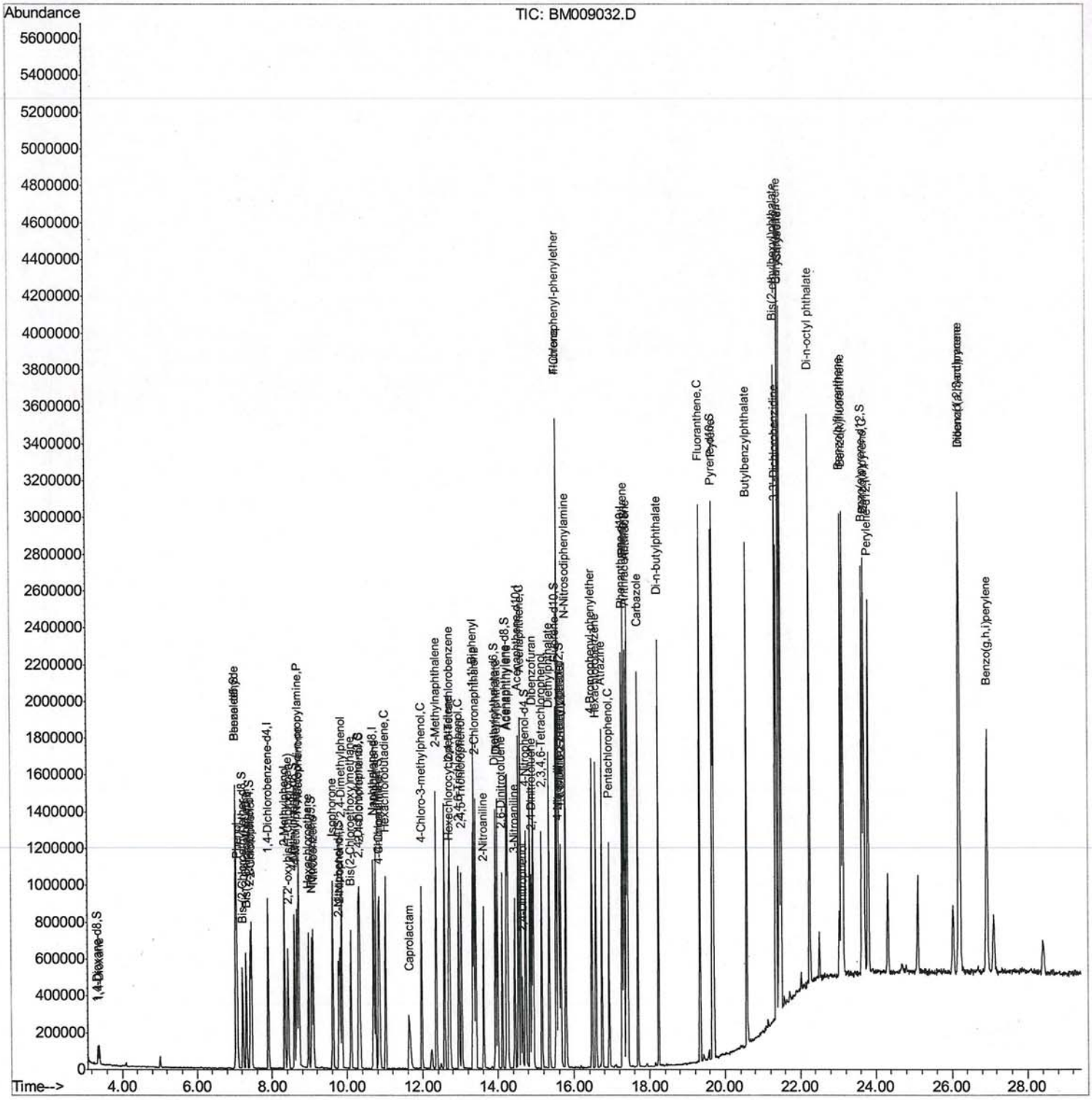
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM022417\
Data File : BM009032.D
Acq On : 25 Feb 2017 00:34
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 25 01:12:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 25 00:25:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02057

Manual Integrations APPROVED
mohammad
2/27/2017 1:06:17 PM



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Quant Time: Mar 06 12:50:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 03:54:18 2017
Response via : Initial Calibration

Instrument :
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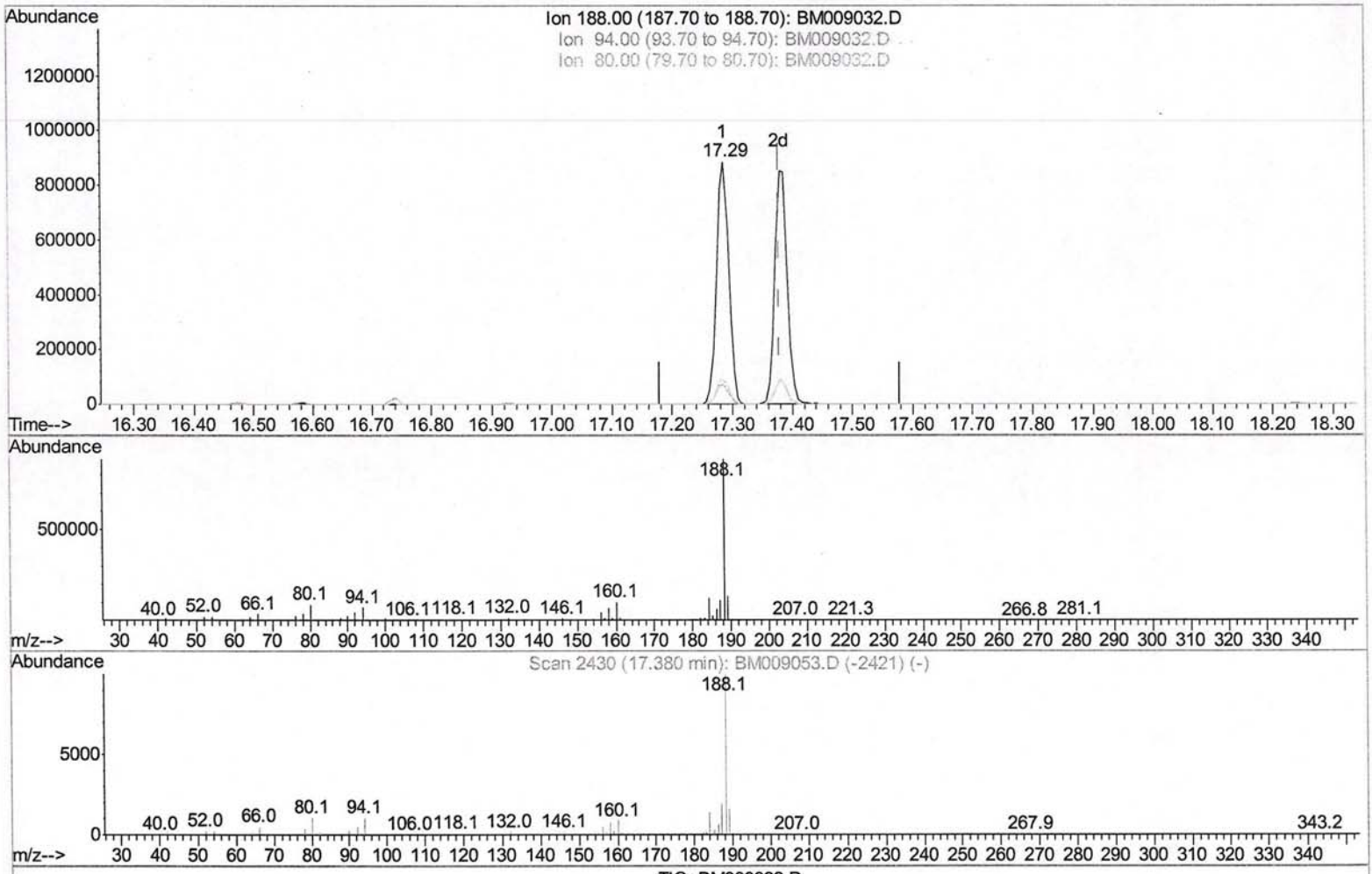
2/27/2017 1:06:17 PM



TIC: BM009032.D

(70) Anthracene-d10 (S)

17.286min (-0.094) 21.12ng/ul

response 1231121

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	8.05
80.00	8.50	9.91
0.00	0.00	0.00

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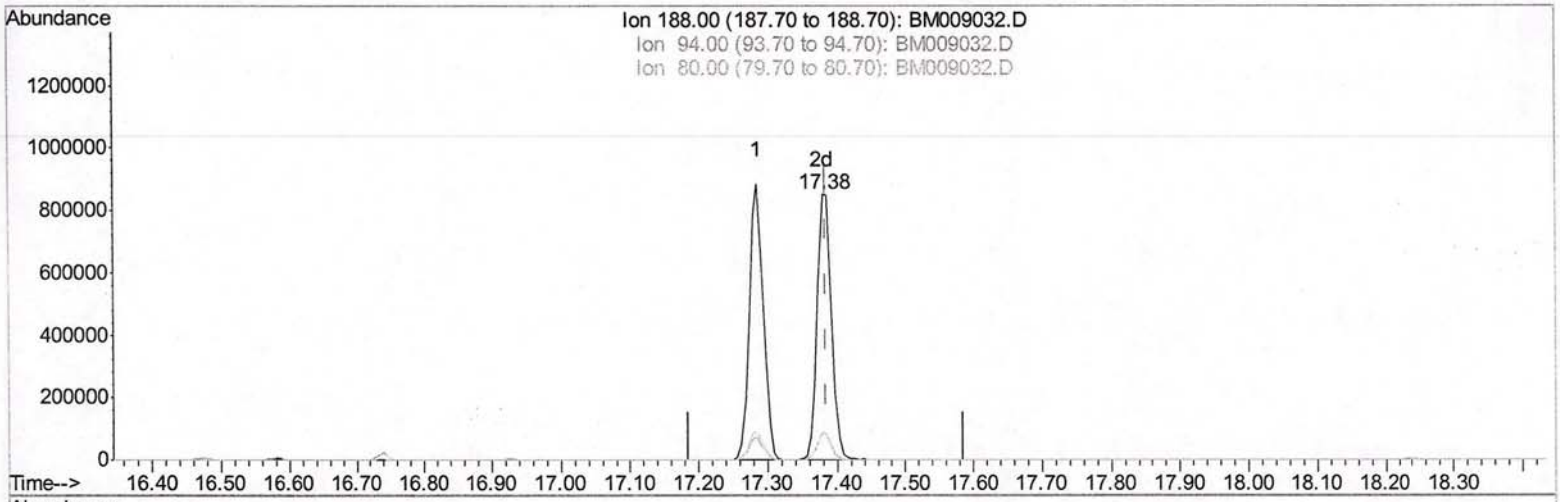

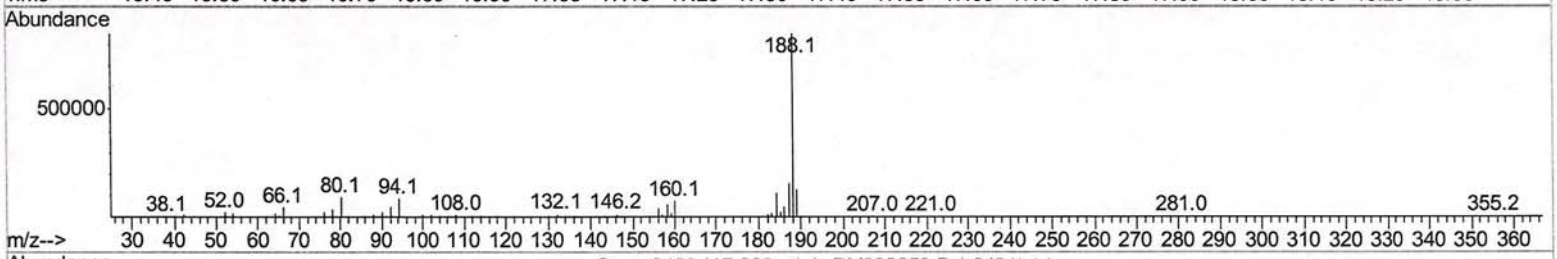

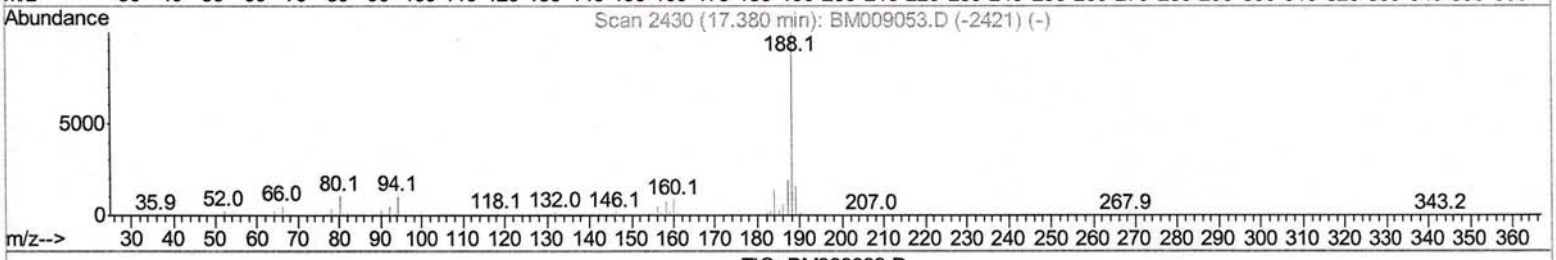

TIC: BM009032.D

(70) Anthracene-d10 (S)

17.380min (-0.006) 20.85ng/ul m> SJ 2/27/17

response 1215502

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	10.24
80.00	8.50	10.83#
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	7.90	152	196523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	783691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	566827	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1231121	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1612876	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1539091	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	38101	7.79	ng/uL	0.00
5) Phenol-d5	7.05	99	351985	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	259933	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	239562	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	263092	20.12	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	114641	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	124008	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	259081	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	300931	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	790947	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	995725	21.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	136099	20.42	ng/ul	0.00
57) Fluorene-d10	15.53	176	747443	20.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	142903	19.29	ng/ul	0.00
70) Anthracene-d10	17.38	188	1215502m	20.85	ng/ul	0.00
76) Pyrene-d10	19.67	212	1415881	20.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1412003	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	41594	7.27	ng/uL#	75
4) Benzaldehyde	7.05	77	292649	21.85	ng/ul#	75
6) Phenol	7.08	94	367537	19.55	ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.32	93	294666	19.99	ng/ul	85
10) 2-Chlorophenol	7.46	128	247201	20.00	ng/ul#	80
11) 2-Methylphenol	8.33	108	260525	19.99	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.43	45	490480	20.18	ng/ul	96
14) Acetophenone	8.72	105	458194	20.23	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.70	70	277346	19.97	ng/ul#	80
16) 4-Methylphenol	8.66	108	283795	20.04	ng/ul	93
17) Hexachloroethane	8.97	117	120705	20.15	ng/ul#	86
20) Nitrobenzene	9.10	77	402224	20.30	ng/ul#	91
21) Isophorone	9.63	82	673545	20.43	ng/ul	97
23) 2-Nitrophenol	9.82	139	132091	20.27	ng/ul#	56
24) 2,4-Dimethylphenol	9.86	107	340343	20.21	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.10	93	386636	20.39	ng/ul	94
27) 2,4-Dichlorophenol	10.35	162	256602	20.61	ng/ul	91
28) Naphthalene	10.75	128	808693	20.58	ng/ul	98
30) 4-Chloroaniline	10.86	127	315573	22.27	ng/ul	94
31) Hexachlorobutadiene	11.02	225	210153	20.20	ng/ul	97
32) Caprolactam	11.64	113	76165	20.40	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.97	107	305447	20.94	ng/ul#	89
34) 2-Methylnaphthalene	12.36	142	600485	20.46	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	391722	21.25 ng/ul#	96
37) Hexachlorocyclopentadiene	12.70	237	234369	19.73 ng/ul	100
38) 2,4,6-Trichlorophenol	12.96	196	223265	21.22 ng/ul	87
39) 2,4,5-Trichlorophenol	13.03	196	249194	21.71 ng/ul	95
40) 1,1'-Biphenyl	13.37	154	809280	20.70 ng/ul	95
41) 2-Chloronaphthalene	13.42	162	638871	20.97 ng/ul	96
42) 2-Nitroaniline	13.62	65	245254	21.13 ng/ul#	87
44) Dimethylphthalate	13.99	163	797826	20.89 ng/ul#	98
45) 2,6-Dinitrotoluene	14.12	165	152742	20.99 ng/ul#	79
47) Acenaphthylene	14.26	152	984221	21.43 ng/ul	99
48) 3-Nitroaniline	14.44	138	157828	22.10 ng/ul#	85
49) Acenaphthene	14.60	153	685712	20.90 ng/ul	99
50) 2,4-Dinitrophenol	14.65	184	77739	16.49 ng/ul#	74
52) 4-Nitrophenol	14.74	109	177875	20.84 ng/ul#	77
53) Dibenzofuran	14.94	168	1017299	21.17 ng/ul	90
54) 2,4-Dinitrotoluene	14.90	165	231273	21.52 ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.16	232	227719	21.45 ng/ul	95
56) Diethylphthalate	15.35	149	823843	21.07 ng/ul	95
58) Fluorene	15.59	166	843684	21.09 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.58	204	456087	21.07 ng/ul	92
60) 4-Nitroaniline	15.61	138	179551	22.59 ng/ul#	39
63) 4,6-Dinitro-2-methylphenol	15.66	198	153685	19.75 ng/ul#	77
64) N-Nitrosodiphenylamine	15.79	169	722509	20.11 ng/ul	99
65) 4-Bromophenyl-phenylether	16.47	248	282518	20.12 ng/ul	90
66) Hexachlorobenzene	16.59	284	320381	20.81 ng/ul	91
67) Atrazine	16.74	200	288568	20.44 ng/ul	97
68) Pentachlorophenol	16.93	266	192268	20.17 ng/ul#	84
69) Phenanthrene	17.33	178	1398014	20.55 ng/ul	98
71) Anthracene	17.42	178	1432819	20.64 ng/ul	97
72) Carbazole	17.69	167	1256931	20.46 ng/ul	98
73) Di-n-butylphthalate	18.24	149	1433907	20.60 ng/ul#	97
74) Fluoranthene	19.34	202	1713340	20.82 ng/ul#	95
77) Pyrene	19.70	202	1794158	19.92 ng/ul#	92
78) Butylbenzylphthalate	20.59	149	654323	20.19 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.37	252	663591	21.49 ng/ul	98
80) Benzo(a)anthracene	21.44	228	1896952	20.62 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.35	149	949771	20.21 ng/ul	95
82) Chrysene	21.49	228	1774061	20.28 ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1682500	18.98 ng/ul#	89
85) Benzo(b)fluoranthene	23.09	252	1830723	19.78 ng/ul#	97
86) Benzo(k)fluoranthene	23.14	252	1794858	20.60 ng/ul#	98
88) Benzo(a)pyrene	23.70	252	1768471	20.14 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.20	276	1996143	20.02 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.21	278	1694582	19.95 ng/ul#	94
91) Benzo(g,h,i)perylene	26.93	276	1669118	20.22 ng/ul#	93

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