Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022417\
Data File : BM009010.D
Acq On : 24 Feb 2017 10:06
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 24 13:09:13 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 23 16:19:54 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02055

Manual Integrations APPROVED
mohammad
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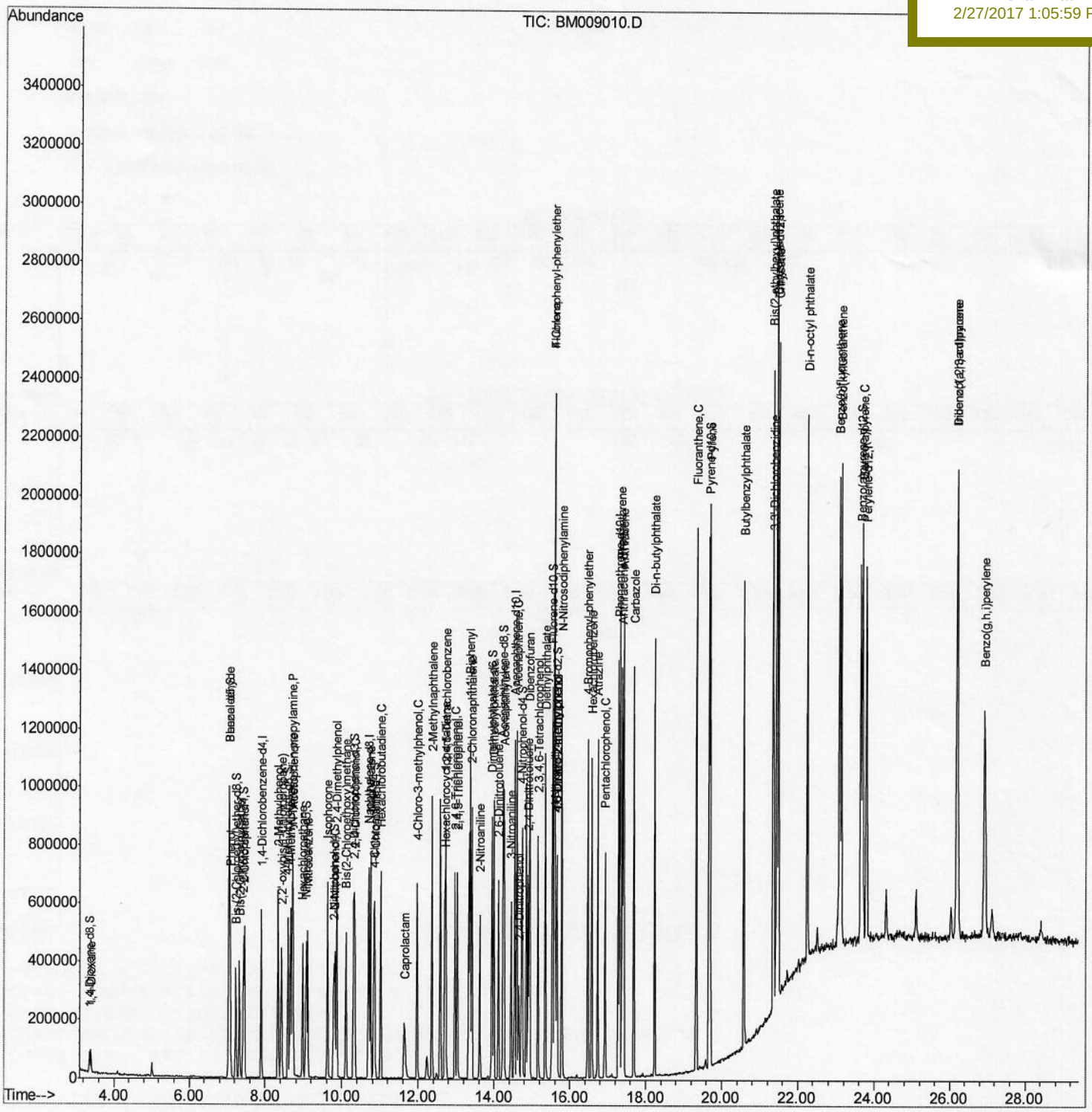

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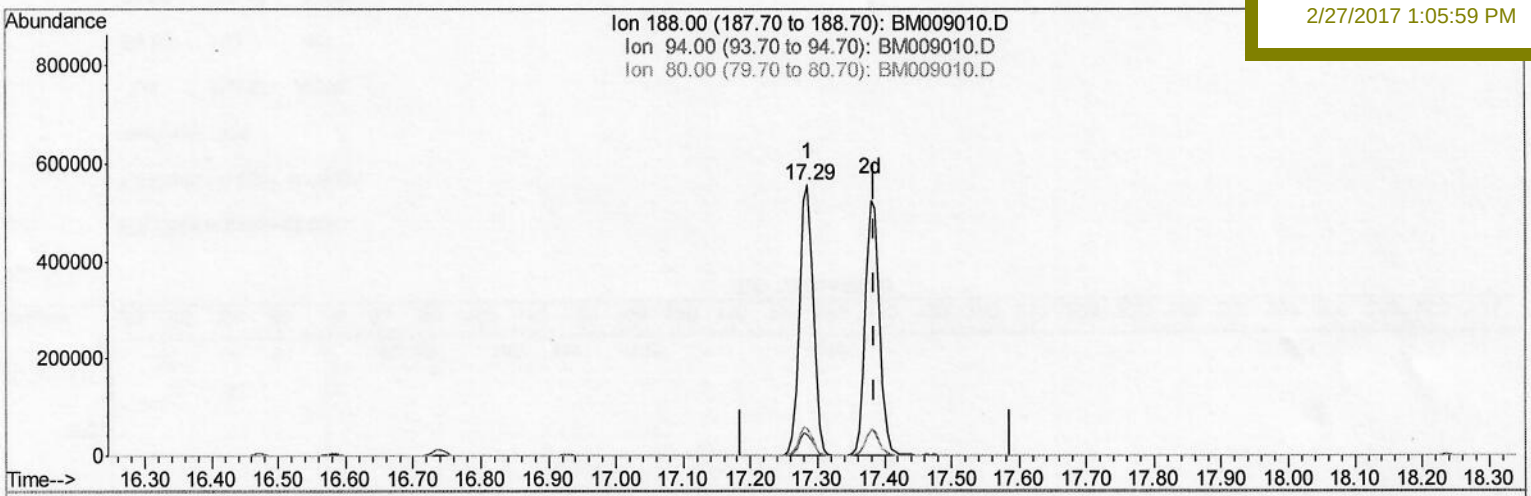

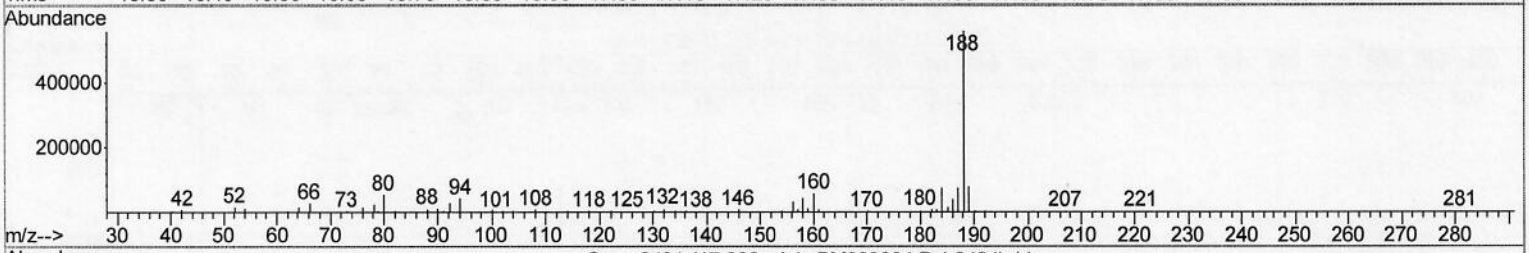

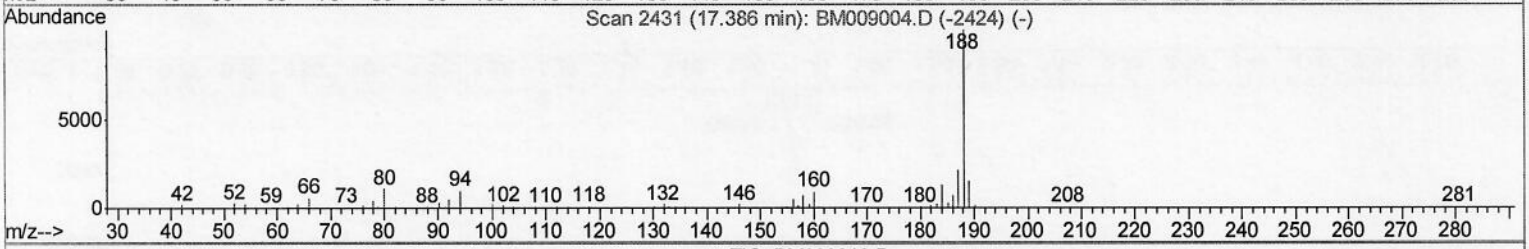

TIC: BM009010.D

(70) Anthracene-d10 (S)

17.286min (-0.100) 21.12ng/ul

response 787403

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	7.48
80.00	8.50	9.62
0.00	0.00	0.00

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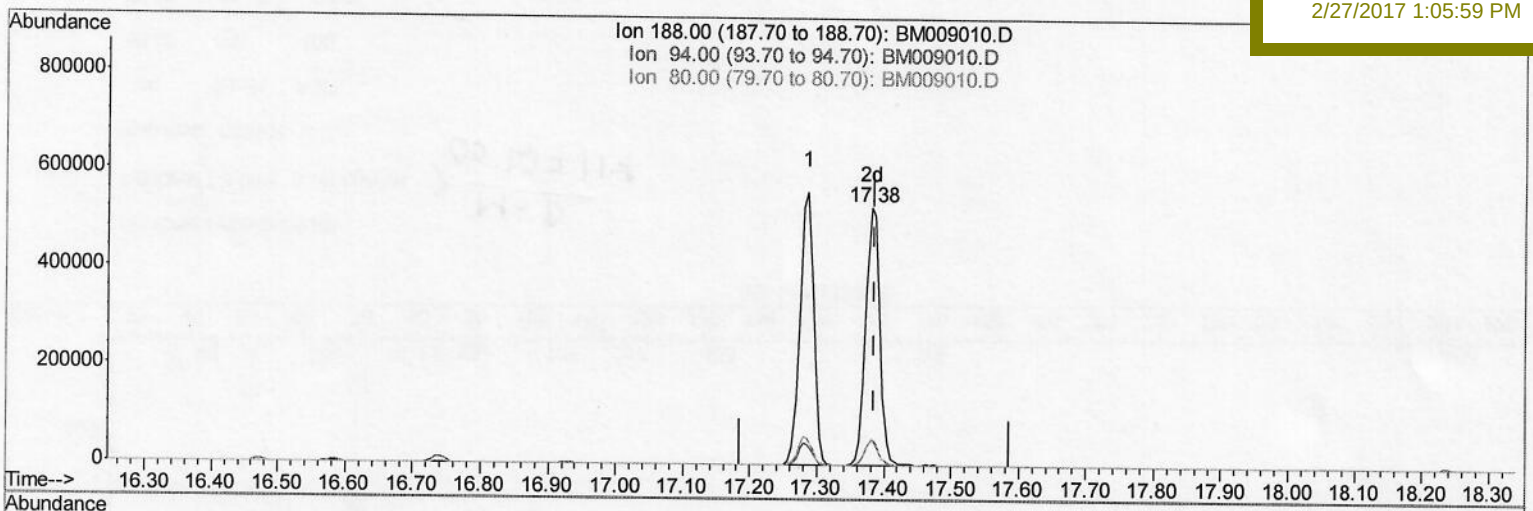

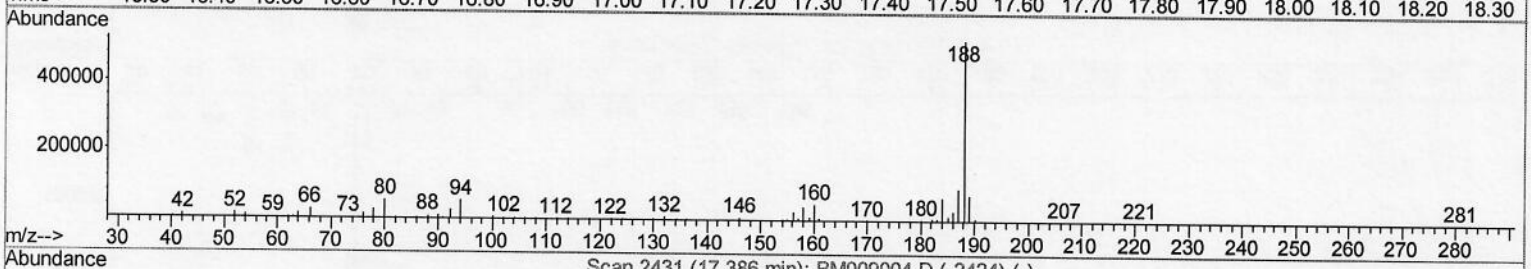

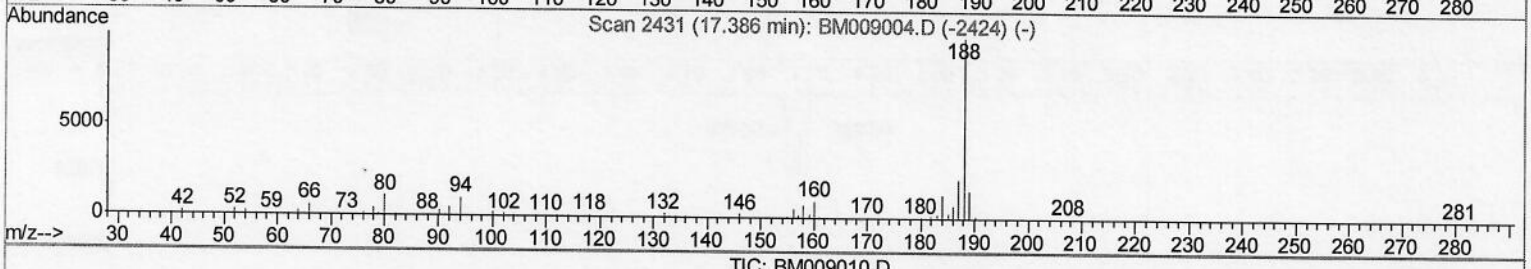

TIC: BM009010.D

(70) Anthracene-d10 (S)

17.380min (-0.006) 20.44ng/ul m

response 762110

SJ
02/27/2017

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	10.23
80.00	8.50	10.28#
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	7.90	152	116583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	480527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	352489	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	787403	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	995018	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	955510	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	24806	8.55	ng/uL	0.00
5) Phenol-d5	7.05	99	217806	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	166936	22.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	147117	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	157639	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	70651	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	75013	20.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	159871	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	185878	22.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	493046	20.78	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	610286	20.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	82494	19.90	ng/ul	0.00
57) Fluorene-d10	15.53	176	470327	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	78899	16.65	ng/ul	0.00
70) Anthracene-d10	17.38	188	762110m	20.44	ng/ul	0.00
76) Pyrene-d10	19.67	212	890074	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	888180	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	27085	7.98	ng/uL#	88
4) Benzaldehyde	7.05	77	193736	24.39	ng/ul	90
6) Phenol	7.08	94	227763	20.43	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.32	93	176400	20.17	ng/ul	86
10) 2-Chlorophenol	7.46	128	153378	20.91	ng/ul#	80
11) 2-Methylphenol	8.33	108	157982	20.43	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.43	45	319655	22.17	ng/ul#	96
14) Acetophenone	8.72	105	279240	20.78	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.70	70	175207	21.27	ng/ul#	86
16) 4-Methylphenol	8.66	108	174678	20.79	ng/ul	97
17) Hexachloroethane	8.97	117	77169	21.72	ng/ul	93
20) Nitrobenzene	9.10	77	257119	21.16	ng/ul	94
21) Isophorone	9.63	82	428728	21.21	ng/ul	97
23) 2-Nitrophenol	9.82	139	80287	20.10	ng/ul#	62
24) 2,4-Dimethylphenol	9.86	107	223037	21.60	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.11	93	250250	21.52	ng/ul	96
27) 2,4-Dichlorophenol	10.34	162	158728	20.79	ng/ul	93
28) Naphthalene	10.75	128	495544	20.57	ng/ul	98
30) 4-Chloroaniline	10.86	127	198053	22.79	ng/ul	96
31) Hexachlorobutadiene	11.02	225	139253	21.83	ng/ul	97
32) Caprolactam	11.64	113	41445	18.11	ng/ul	92
33) 4-Chloro-3-methylphenol	11.97	107	189892	21.23	ng/ul	98
34) 2-Methylnaphthalene	12.36	142	375930	20.89	ng/ul	97

SJ 02/27/2017

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Manual Integrations APPROVED
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2/27/2017 1:05:59 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	243494	21.24 ng/ul#	95
37) Hexachlorocyclopentadiene	12.70	237	148275	20.07 ng/ul	94
38) 2,4,6-Trichlorophenol	12.96	196	135591	20.72 ng/ul	98
39) 2,4,5-Trichlorophenol	13.03	196	149245	20.90 ng/ul	91
40) 1,1'-Biphenyl	13.37	154	501524	20.63 ng/ul	93
41) 2-Chloronaphthalene	13.42	162	399069	21.07 ng/ul	95
42) 2-Nitroaniline	13.62	65	155999	21.61 ng/ul	93
44) Dimethylphthalate	13.99	163	492515	20.74 ng/ul	96
45) 2,6-Dinitrotoluene	14.12	165	88873	19.64 ng/ul	84
47) Acenaphthylene	14.26	152	607707	21.28 ng/ul	99
48) 3-Nitroaniline	14.45	138	96600	21.75 ng/ul#	74
49) Acenaphthene	14.60	153	438096	21.48 ng/ul	97
50) 2,4-Dinitrophenol	14.65	184	50731	17.30 ng/ul#	74
52) 4-Nitrophenol	14.74	109	115712	21.80 ng/ul#	82
53) Dibenzofuran	14.94	168	647720	21.68 ng/ul	94
54) 2,4-Dinitrotoluene	14.90	165	141242	21.13 ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.16	232	142092	21.52 ng/ul#	93
56) Diethylphthalate	15.35	149	521613	21.45 ng/ul	98
58) Fluorene	15.59	166	541467	21.76 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.58	204	295269	21.93 ng/ul	95
60) 4-Nitroaniline	15.61	138	103537	20.95 ng/ul#	54
63) 4,6-Dinitro-2-methylphenol	15.66	198	92414	18.57 ng/ul#	82
64) N-Nitrosodiphenylamine	15.79	169	462036	20.10 ng/ul	98
65) 4-Bromophenyl-phenylether	16.47	248	179187	19.96 ng/ul	88
66) Hexachlorobenzene	16.58	284	205926	20.92 ng/ul	99
67) Atrazine	16.74	200	174878	19.37 ng/ul	98
68) Pentachlorophenol	16.93	266	110358	18.10 ng/ul	88
69) Phenanthrene	17.33	178	888734	20.42 ng/ul	97
71) Anthracene	17.42	178	887190	19.98 ng/ul	99
72) Carbazole	17.69	167	790861	20.13 ng/ul	97
73) Di-n-butylphthalate	18.24	149	894659	20.10 ng/ul	98
74) Fluoranthene	19.34	202	1076634	20.46 ng/ul#	95
77) Pyrene	19.70	202	1129505	20.32 ng/ul#	94
78) Butylbenzylphthalate	20.59	149	395094	19.76 ng/ul	85
79) 3,3'-Dichlorobenzidine	21.37	252	391010	20.53 ng/ul	98
80) Benzo(a)anthracene	21.44	228	1161038	20.45 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.35	149	568051	19.60 ng/ul	97
82) Chrysene	21.49	228	1111311	20.59 ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1007060	18.30 ng/ul#	88
85) Benzo(b)fluoranthene	23.09	252	1175157	20.45 ng/ul#	98
86) Benzo(k)fluoranthene	23.13	252	1118376	20.67 ng/ul#	97
88) Benzo(a)pyrene	23.70	252	1120646	20.56 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.19	276	1259036	20.34 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.20	278	1071465	20.32 ng/ul#	97
91) Benzo(g,h,i)perylene	26.93	276	1038760	20.27 ng/ul#	95

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