Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\

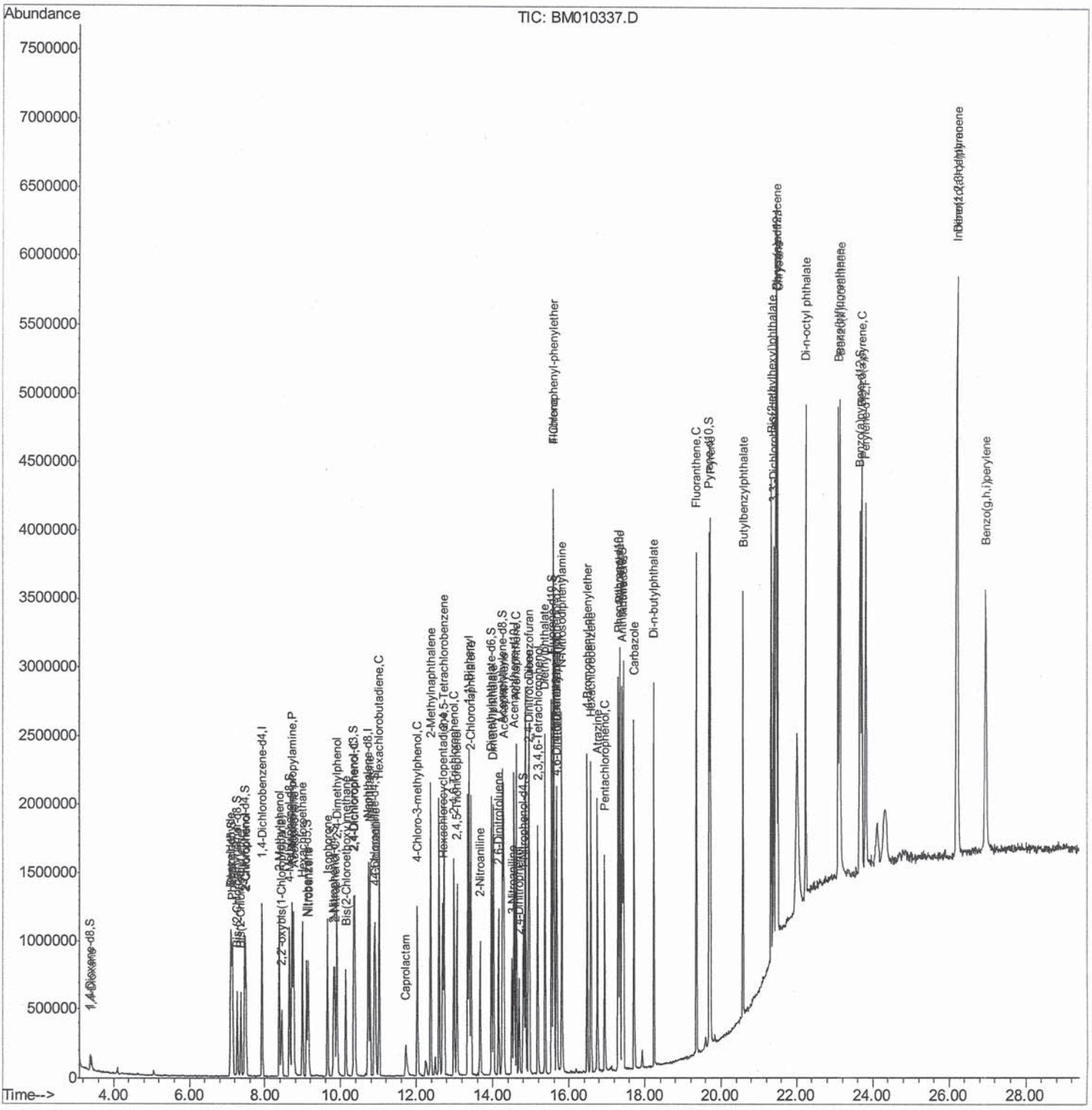
Quantitation Report (QT Reviewed)

Data File : BM010337.D
Acq On : 31 May 2017 18:20
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 01:24:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 01 00:58:21 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
6/1/2017 3:01:32 PM



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Quant Time: Jun 01 00:59:25 2017
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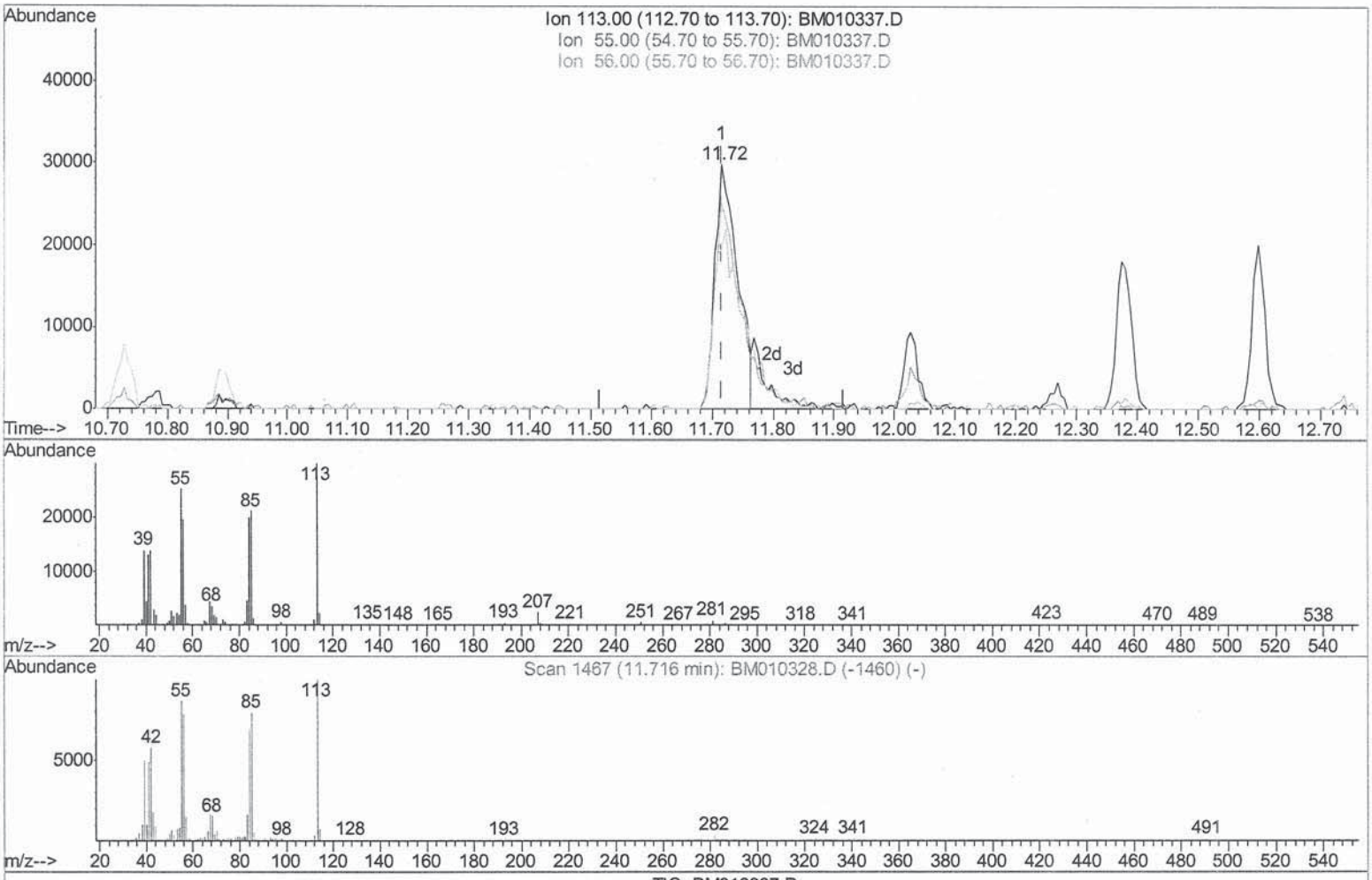

TIC: BM010337.D

(32) Caprolactam

11.716min (-0.000) 16.29ng/ul

response 77298

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	84.22#
56.00	107.50	65.19#
0.00	0.00	0.00

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mohammad
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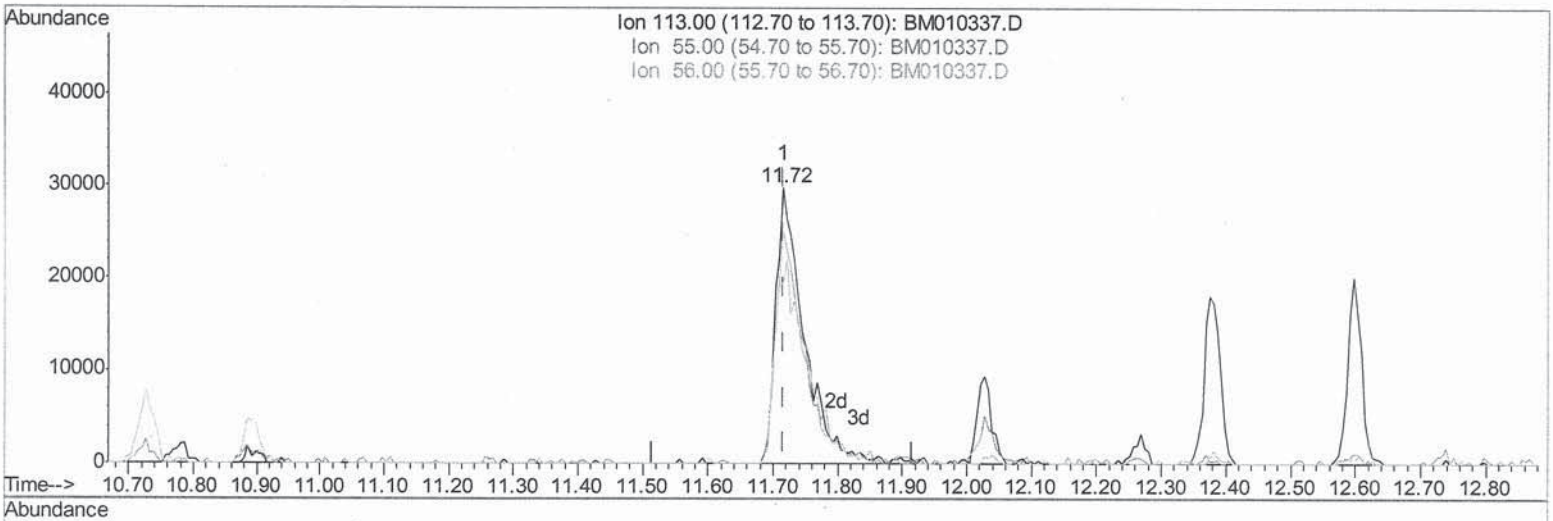

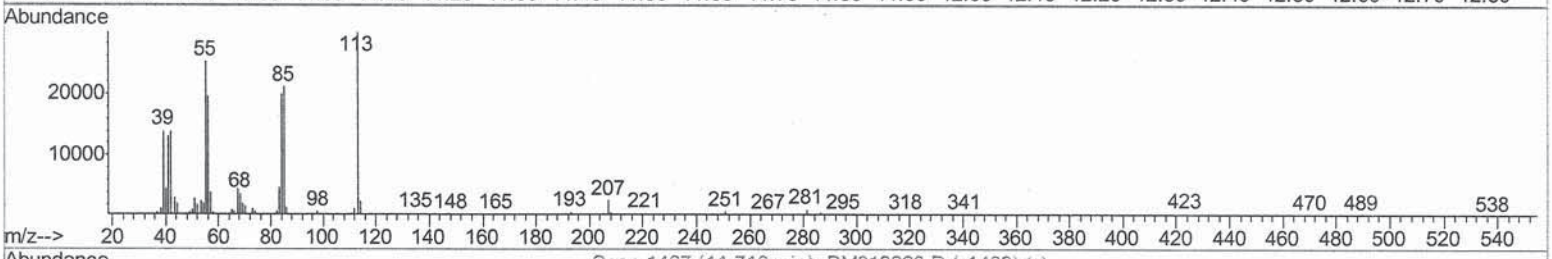

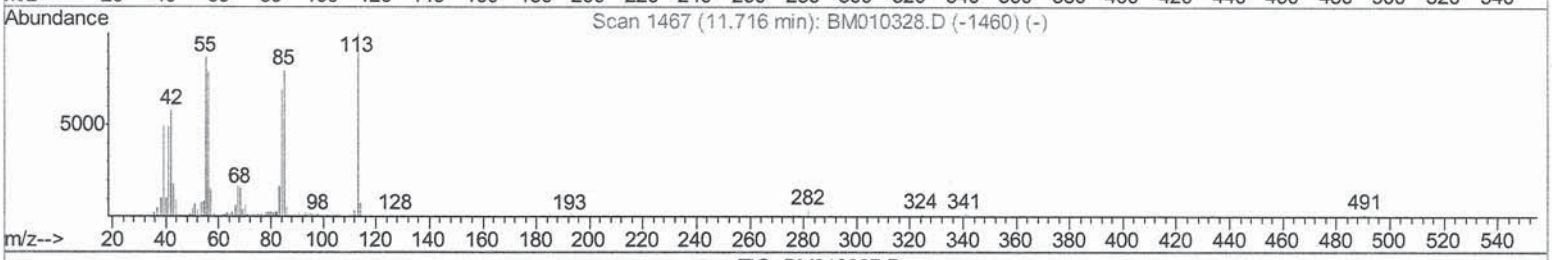

TIC: BM010337.D

(32) Caprolactam

11.716min (-0.000) 19.13ng/ul m SJ 6/2/17

response 90742

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	84.22#
56.00	107.50	65.19#
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	7.92	152	299465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1109950	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	670264	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1533843	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2013929	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2048738	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	60909	8.34	ng/uL	0.00
5) Phenol-d5	7.11	99	442961	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	243714	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	379361	20.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	361618	19.75	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	172733	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	206517	21.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	410526	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	432913	23.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1177982	21.15	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1378783	21.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	150163	18.02	ng/ul	0.00
57) Fluorene-d10	15.54	176	1011979	20.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	205703	18.93	ng/ul	0.00
70) Anthracene-d10	17.40	188	1543367	20.68	ng/ul	0.00
76) Pyrene-d10	19.69	212	1789020	21.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1994068	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	68668	8.83	ng/uL#	61
4) Benzaldehyde	7.09	77	328418	21.52	ng/ul	96
6) Phenol	7.13	94	453904	19.51	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.36	93	320178	19.83	ng/ul	90
10) 2-Chlorophenol	7.49	128	375959	20.71	ng/ul	94
11) 2-Methylphenol	8.38	108	332509	19.58	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.45	45	138405	19.01	ng/ul#	64
14) Acetophenone	8.76	105	572177	19.15	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.73	70	306869	20.55	ng/ul#	84
16) 4-Methylphenol	8.71	108	362091	19.44	ng/ul	92
17) Hexachloroethane	8.99	117	166469	20.20	ng/ul	89
20) Nitrobenzene	9.15	77	483546	20.83	ng/ul	95
21) Isophorone	9.66	82	751804	21.04	ng/ul	97
23) 2-Nitrophenol	9.85	139	204744	20.50	ng/ul	90
24) 2,4-Dimethylphenol	9.90	107	476119	20.51	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.14	93	420600	20.95	ng/ul	96
27) 2,4-Dichlorophenol	10.38	162	396035	20.89	ng/ul#	91
28) Naphthalene	10.78	128	1125344	20.21	ng/ul	99
30) 4-Chloroaniline	10.92	127	398824	22.14	ng/ul	96
31) Hexachlorobutadiene	11.02	225	352275	20.29	ng/ul	95
32) Caprolactam	11.72	113	90742m>	19.13	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	385487	21.13	ng/ul	98
34) 2-Methylnaphthalene	12.38	142	854316	20.24	ng/ul	98

SJ 6/2/17

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6/1/2017 3:01:32 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	589755	21.15 ng/ul	98
37) Hexachlorocyclopentadiene	12.70	237	318978	17.06 ng/ul	99
38) 2,4,6-Trichlorophenol	12.99	196	343443	21.67 ng/ul	98
39) 2,4,5-Trichlorophenol	13.06	196	348329	21.79 ng/ul	98
40) 1,1'-Biphenyl	13.39	154	1162876	21.39 ng/ul	98
41) 2-Chloronaphthalene	13.44	162	891433	20.87 ng/ul	97
42) 2-Nitroaniline	13.67	65	236128	21.70 ng/ul	94
44) Dimethylphthalate	14.02	163	1140562	20.83 ng/ul	98
45) 2,6-Dinitrotoluene	14.16	165	214794	21.40 ng/ul	89
47) Acenaphthylene	14.29	152	1339141	21.09 ng/ul	99
48) 3-Nitroaniline	14.50	138	190664	19.71 ng/ul#	92
49) Acenaphthene	14.62	153	924233	20.76 ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	143362	18.90 ng/ul	96
52) 4-Nitrophenol	14.81	109	210433	18.43 ng/ul	99
53) Dibenzofuran	14.96	168	1359140	20.64 ng/ul	94
54) 2,4-Dinitrotoluene	14.94	165	317681	21.55 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.18	232	327285	21.31 ng/ul	94
56) Diethylphthalate	15.37	149	1098081	20.73 ng/ul	96
58) Fluorene	15.60	166	1111508	20.58 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.59	204	639442	20.72 ng/ul	94
60) 4-Nitroaniline	15.67	138	174986	17.28 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.69	198	218524	18.98 ng/ul	95
64) N-Nitrosodiphenylamine	15.82	169	925951	20.71 ng/ul	99
65) 4-Bromophenyl-phenylether	16.49	248	399673	21.18 ng/ul	90
66) Hexachlorobenzene	16.59	284	408752	20.68 ng/ul#	93
67) Atrazine	16.76	200	395447	20.35 ng/ul	96
68) Pentachlorophenol	16.94	266	234969	18.68 ng/ul	96
69) Phenanthrene	17.34	178	1662837	20.31 ng/ul	98
71) Anthracene	17.44	178	1760776	20.60 ng/ul	99
72) Carbazole	17.72	167	1433532	19.81 ng/ul	100
73) Di-n-butylphthalate	18.24	149	1704507	20.87 ng/ul	99
74) Fluoranthene	19.35	202	2102744	20.88 ng/ul	99
77) Pyrene	19.72	202	2214068	21.33 ng/ul	99
78) Butylbenzylphthalate	20.59	149	776729	21.66 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.39	252	781432	19.77 ng/ul	99
80) Benzo(a)anthracene	21.45	228	2316990	20.40 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1160819	21.75 ng/ul	99
82) Chrysene	21.50	228	2089558	20.35 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2132011	22.61 ng/ul#	93
85) Benzo(b)fluoranthene	23.09	252	2561442	21.49 ng/ul#	98
86) Benzo(k)fluoranthene	23.14	252	2329279	20.45 ng/ul#	98
88) Benzo(a)pyrene	23.71	252	2416071	20.45 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.20	276	3051869	20.44 ng/ul	98
90) Dibenzo(a,h)anthracene	26.21	278	2592398	20.16 ng/ul#	96
91) Benzo(g,h,i)perylene	26.96	276	2516515	20.46 ng/ul	99

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