Data Path : Z:\HPCHEM1\BNA M\DATA\BM042517\
Data File : BM009704.D
Acq On : 25 Apr 2017 12:14
Operator : SJ/MA
Sample : SSTD08026
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 25 12:54:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 12:00:14 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08026

Manual Integrations APPROVED
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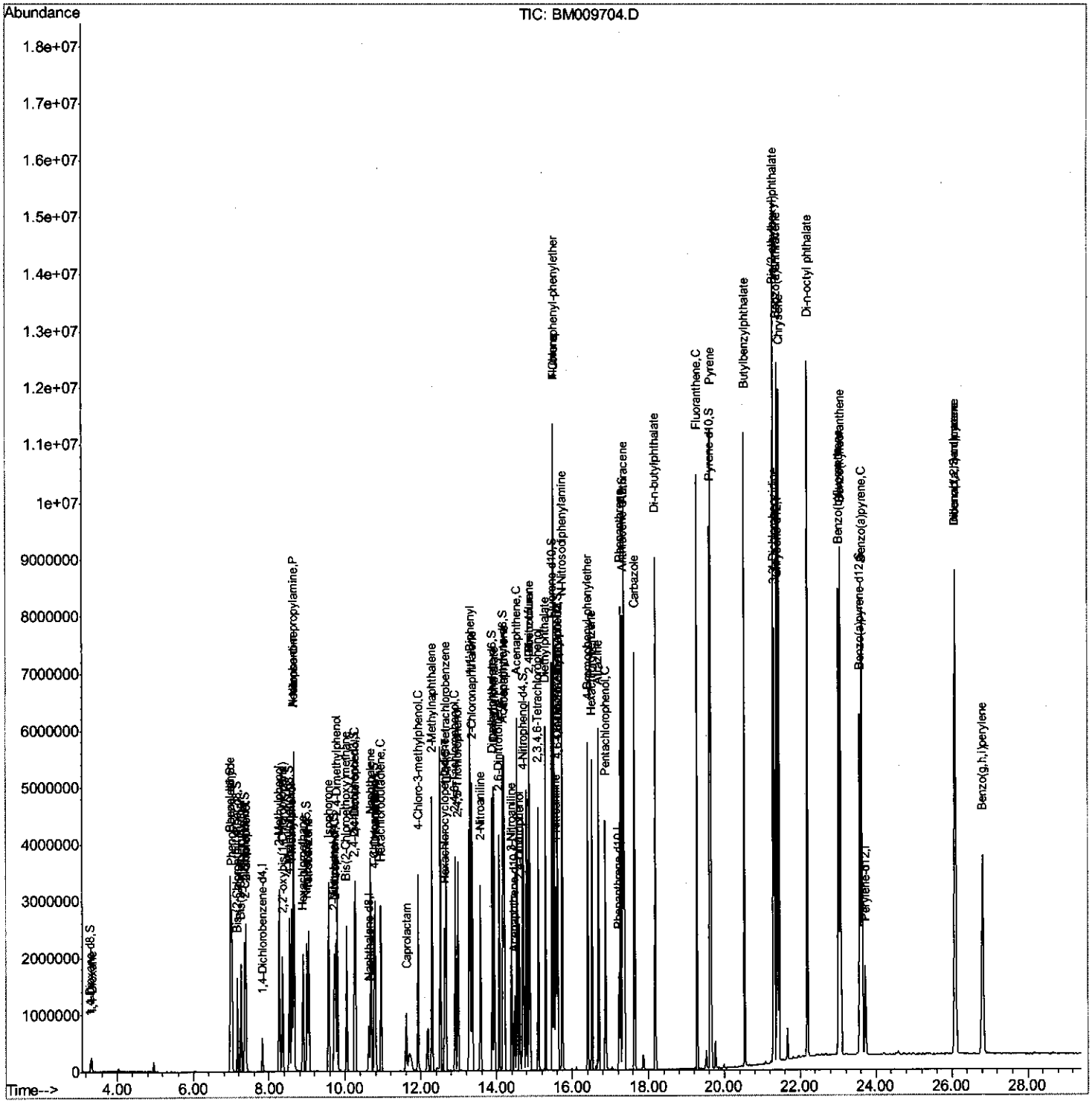

Quantitation Report (Qedit)

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Data File : BM009704.D
Acq On : 25 Apr 2017 12:14
Operator : SJ/MA
Sample : SSTD08026
Misc :
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Quant Time: Apr 25 12:53:20 2017
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Quant Title : SVOA CALIBRATION
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Instrument :
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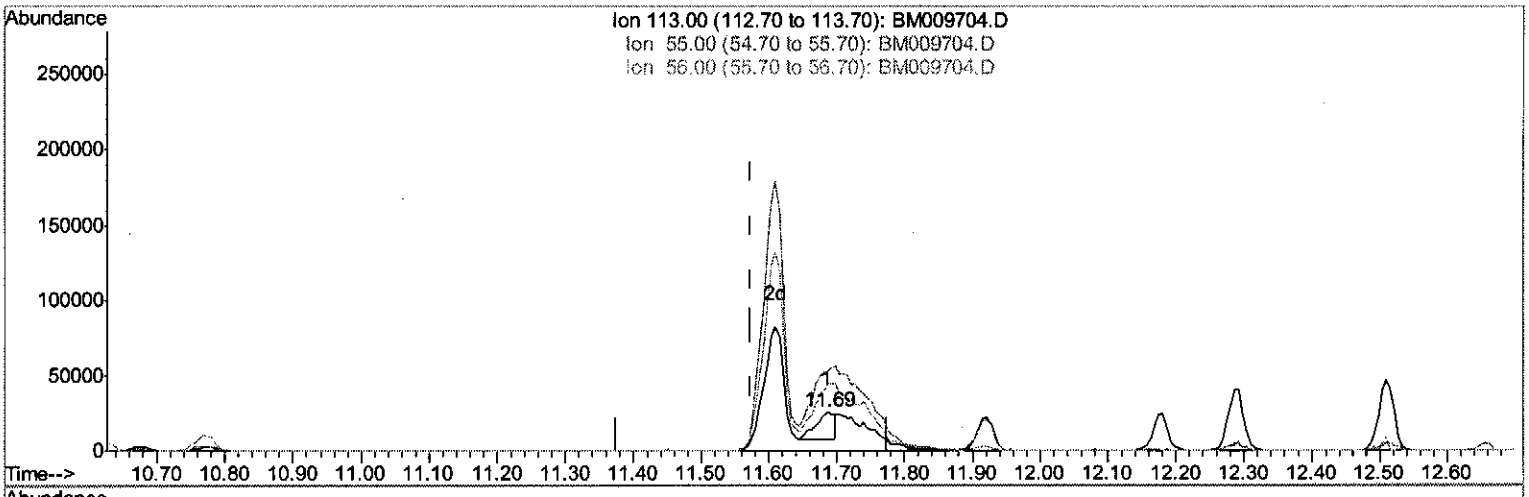

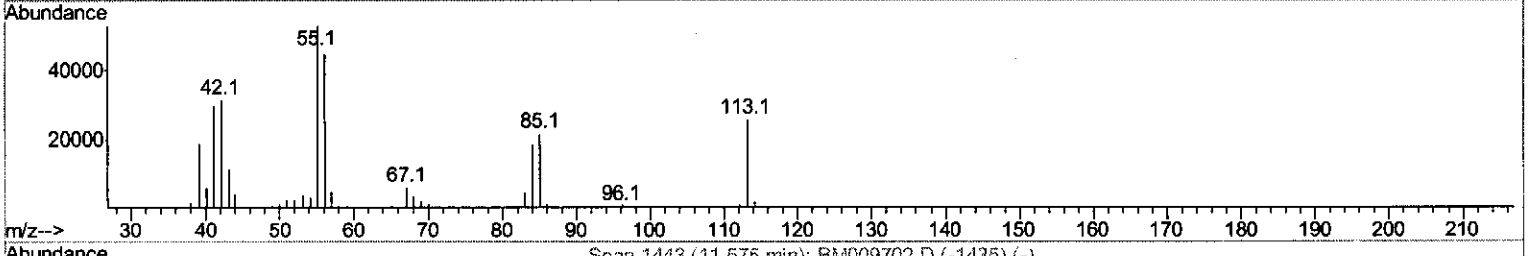

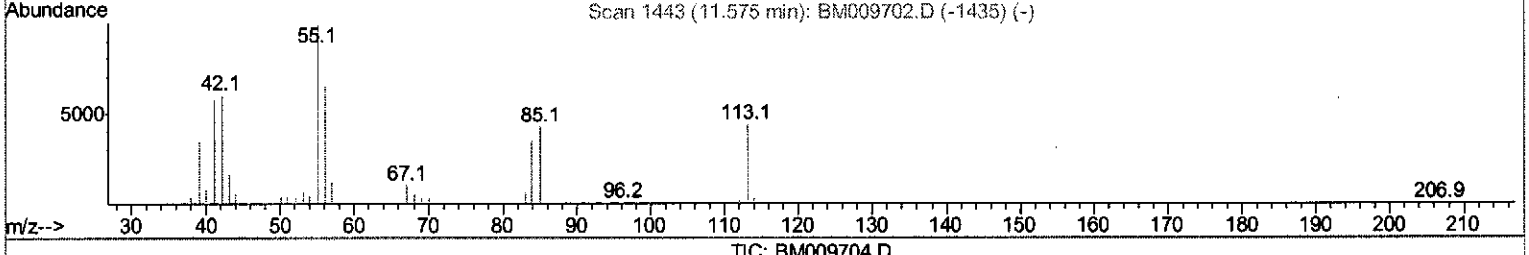

TIC: BM009704.D

(32) Caprolactam

11.686min (+0.112) 11.52ng/ul

response 35502

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	206.64
56.00	207.20	174.95
0.00	0.00	0.00

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Manual Integrations APPROVED
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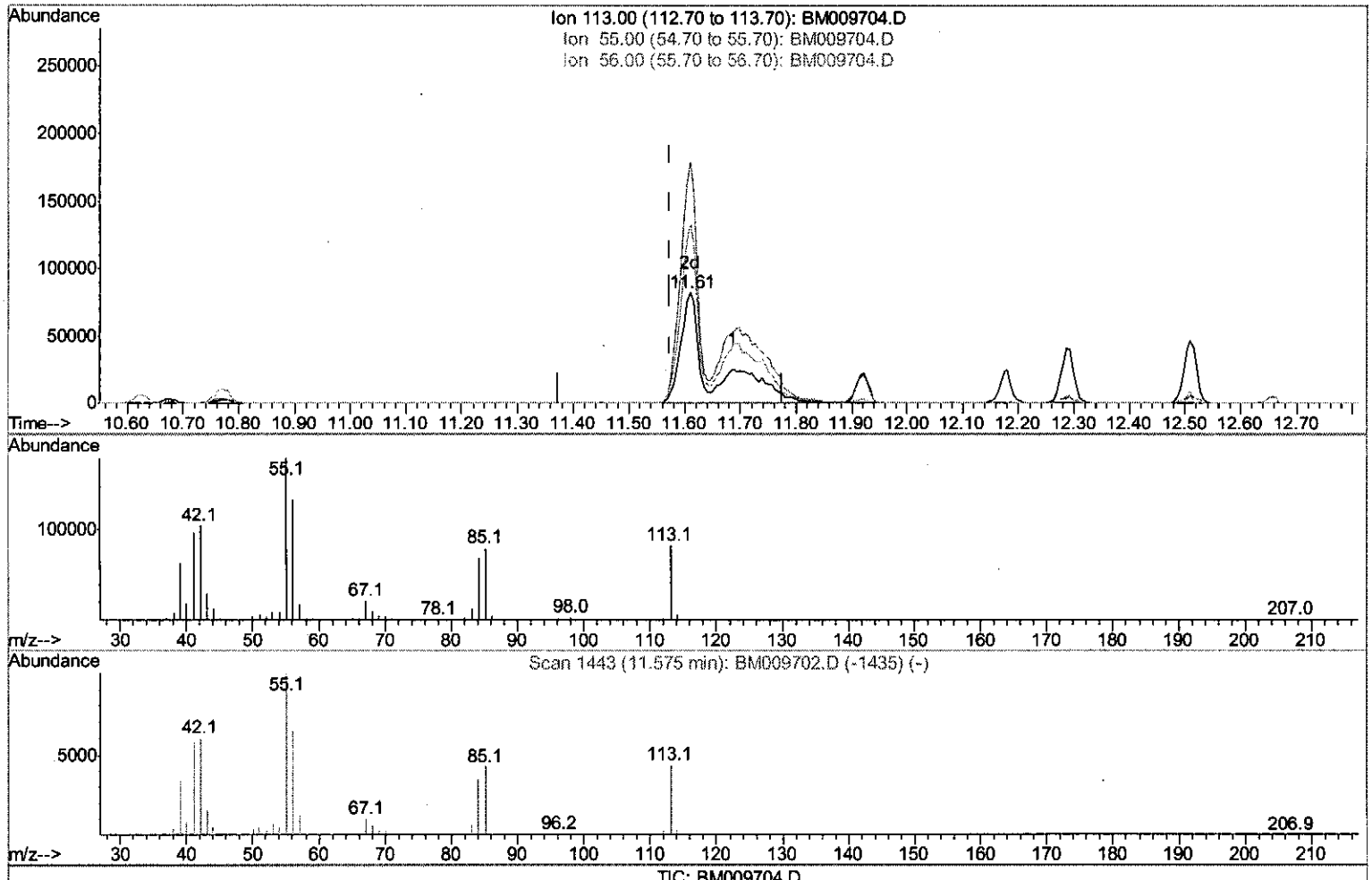

(32) Caprolactam

11.610min (+0.035) 101.67ng/ul m SJ 4/26/17

response 313310

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	217.86
56.00	207.20	161.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.83	152	129180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	582810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	383068	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	940373	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1267296	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1096181	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	87295	24.88	ng/uL	0.00
5) Phenol-d5	6.99	99	1179406	100.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	781103	94.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	796808	97.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	929537	106.86	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	407296	90.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	467551	98.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	893350	95.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1037066	109.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2854667	92.40	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	3549227	90.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	550821	99.33	ng/ul	0.02
57) Fluorene-d10	15.47	176	2576084	97.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	581462	97.05	ng/ul	0.01
70) Anthracene-d10	17.33	188	4169259	91.53	ng/ul	0.00
76) Pyrene-d10	19.62	212	4888434	89.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	4674079	94.28	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	96969	23.53	ng/uL#	70
4) Benzaldehyde	6.98	77	717151	98.53	ng/ul#	79
6) Phenol	7.02	94	1218806	95.86	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.26	93	880423	90.37	ng/ul#	80
10) 2-Chlorophenol	7.39	128	809288	94.64	ng/ul#	77
11) 2-Methylphenol	8.27	108	880245	98.95	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	1489342	93.55	ng/ul	96
14) Acetophenone	8.66	105	1483894	99.69	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.65	70	950587	108.15	ng/ul#	85
16) 4-Methylphenol	8.60	108	973684	100.19	ng/ul	99
17) Hexachloroethane	8.90	117	353589	85.46	ng/ul	91
20) Nitrobenzene	9.05	77	1286118	86.79	ng/ul#	86
21) Isophorone	9.57	82	2325394	96.02	ng/ul#	94
23) 2-Nitrophenol	9.75	139	483186	91.10	ng/ul#	55
24) 2,4-Dimethylphenol	9.80	107	1153740	92.40	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.04	93	1311863	90.03	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	868844	92.03	ng/ul#	92
28) Naphthalene	10.67	128	2610983	85.84	ng/ul	98
30) 4-Chloroaniline	10.80	127	1036538	104.97	ng/ul	97
31) Hexachlorobutadiene	10.95	225	569224	80.81	ng/ul	98
32) Caprolactam	11.61	113	313310m	101.67	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	1084463	102.10	ng/ul#	88
34) 2-Methylnaphthalene	12.29	142	2033650	94.56	ng/ul	98

SJ 4/26/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	1133219	80.43	ng/ul#	95
37) Hexachlorocyclopentadiene	12.62	237	632957	82.50	ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	786449	87.26	ng/ul	93
39) 2,4,5-Trichlorophenol	12.97	196	818677	89.86	ng/ul	92
40) 1,1'-Biphenyl	13.30	154	2707438	84.30	ng/ul	94
41) 2-Chloronaphthalene	13.35	162	2083384	82.14	ng/ul	96
42) 2-Nitroaniline	13.57	65	945854	97.50	ng/ul#	79
44) Dimethylphthalate	13.94	163	2764480	88.98	ng/ul	97
45) 2,6-Dinitrotoluene	14.07	165	598682	96.51	ng/ul#	74
47) Acenaphthylene	14.20	152	3416814	87.06	ng/ul	100
48) 3-Nitroaniline	14.40	138	560576	91.45	ng/ul#	82
49) Acenaphthene	14.54	153	2304588	87.30	ng/ul	98
50) 2,4-Dinitrophenol	14.61	184	401881	104.53	ng/ul#	73
52) 4-Nitrophenol	14.71	109	634277	97.98	ng/ul#	65
53) Dibenzofuran	14.87	168	3350320	88.18	ng/ul	90
54) 2,4-Dinitrotoluene	14.86	165	904243	98.42	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.10	232	784297	93.67	ng/ul#	95
56) Diethylphthalate	15.30	149	2969223	93.48	ng/ul	98
58) Fluorene	15.53	166	2945024	93.44	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.52	204	1490234	90.97	ng/ul	94
60) 4-Nitroaniline	15.57	138	641171	95.53	ng/ul#	31
63) 4,6-Dinitro-2-methylphenol	15.63	198	598277	94.88	ng/ul#	78
64) N-Nitrosodiphenylamine	15.74	169	2456778	85.47	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	936214	86.58	ng/ul#	88
66) Hexachlorobenzene	16.53	284	1006043	84.78	ng/ul	92
67) Atrazine	16.69	200	964527	86.45	ng/ul	96
68) Pentachlorophenol	16.87	266	649113	88.74	ng/ul	90
69) Phenanthrene	17.27	178	4592976	87.03	ng/ul	99
71) Anthracene	17.36	178	4881573	88.87	ng/ul	97
72) Carbazole	17.64	167	4275497	88.59	ng/ul	99
73) Di-n-butylphthalate	18.18	149	5550448	95.08	ng/ul#	97
74) Fluoranthene	19.29	202	5851830	89.38	ng/ul#	91
77) Pyrene	19.65	202	6167196	85.67	ng/ul#	88
78) Butylbenzylphthalate	20.53	149	2709977	91.20	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.33	252	1947208	75.64	ng/ul	99
80) Benzo(a)anthracene	21.39	228	6393352	86.16	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	4097004	93.23	ng/ul	98
82) Chrysene	21.45	228	5713925	85.46	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	6930937	95.04	ng/ul#	90
85) Benzo(b)fluoranthene	23.03	252	6294201	93.31	ng/ul#	96
86) Benzo(k)fluoranthene	23.07	252	5700544	88.72	ng/ul#	98
88) Benzo(a)pyrene	23.63	252	5815525	89.46	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	5910513	77.80	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.10	278	5123431	79.77	ng/ul#	95
91) Benzo(g,h,i)perylene	26.83	276	4620425	74.42	ng/ul#	94

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