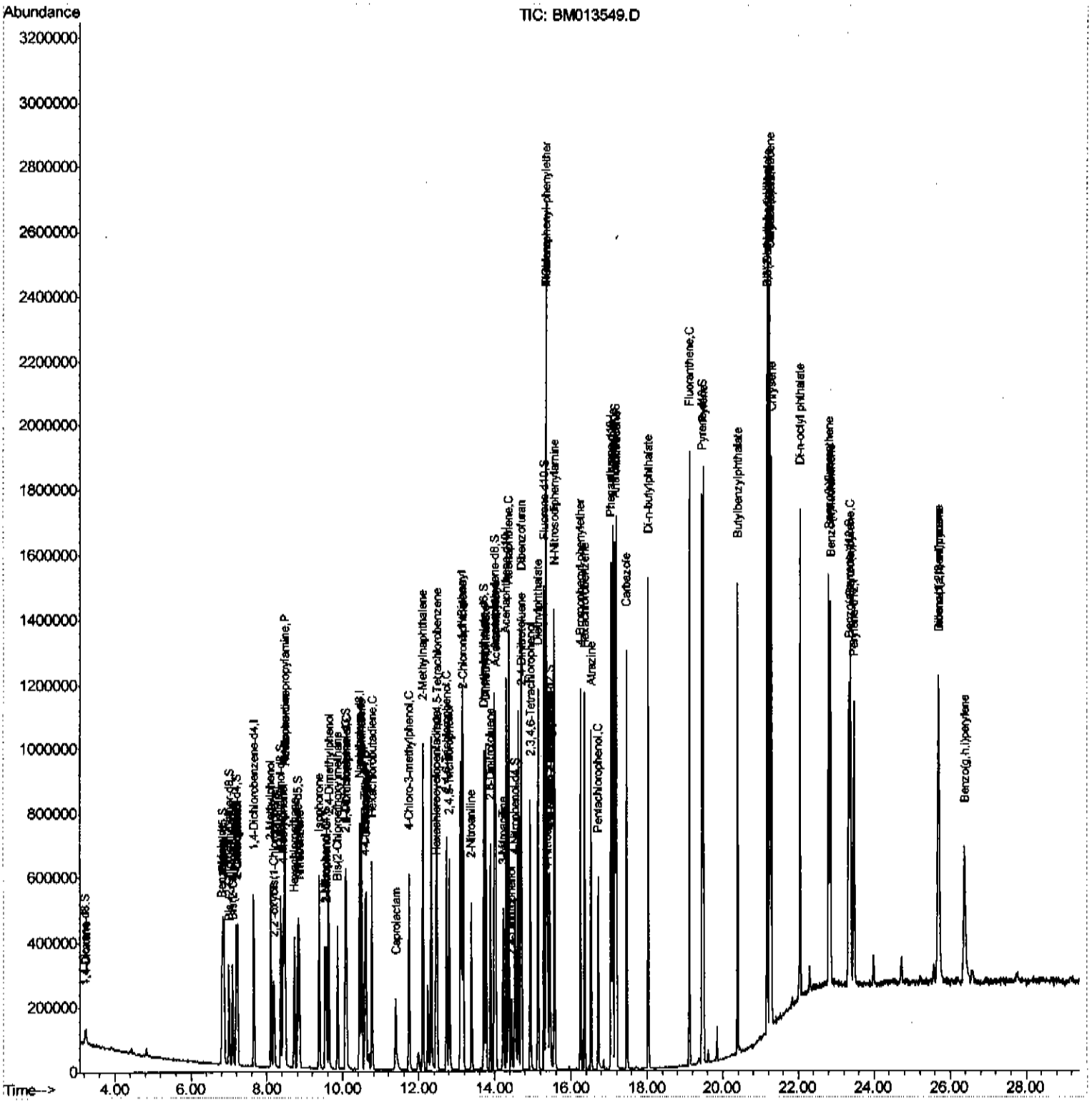
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122717\
Data File : BM013549.D
Acq On : 27 Dec 2017 09:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 14:32:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02004

Manual Integrations APPROVED
Sohil
12/27/2017 4:45:24 PM



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Data File : BM013549.D
Acq On : 27 Dec 2017 09:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 14:26:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Instrument :
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LabSampleId :
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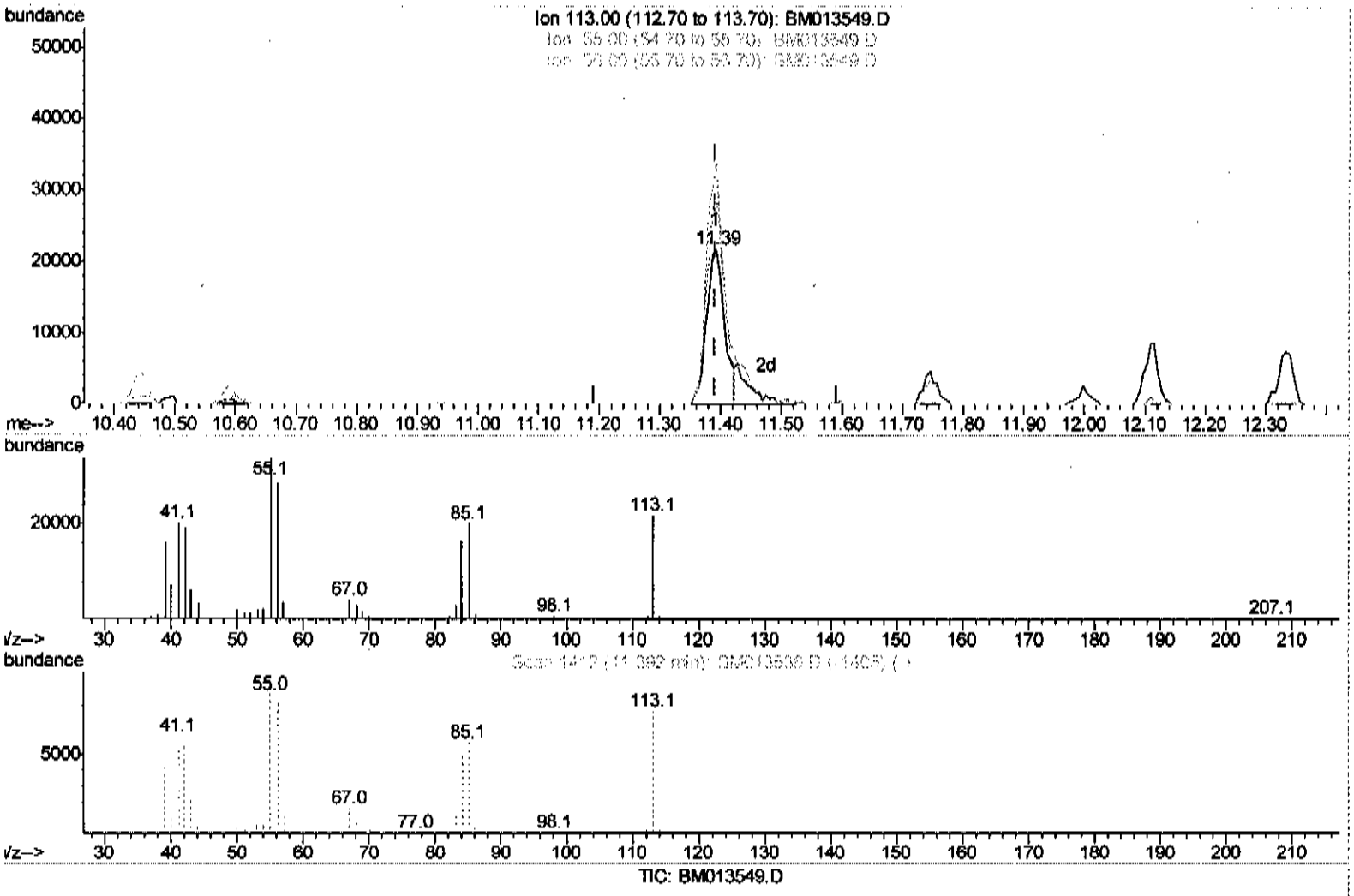

TIC: BM013549.D

(32) Caprolactam

11.392min (-0.000) 14.54ng/ul

response 44238

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	155.92#
56.00	200.00	130.65#
0.00	0.00	0.00

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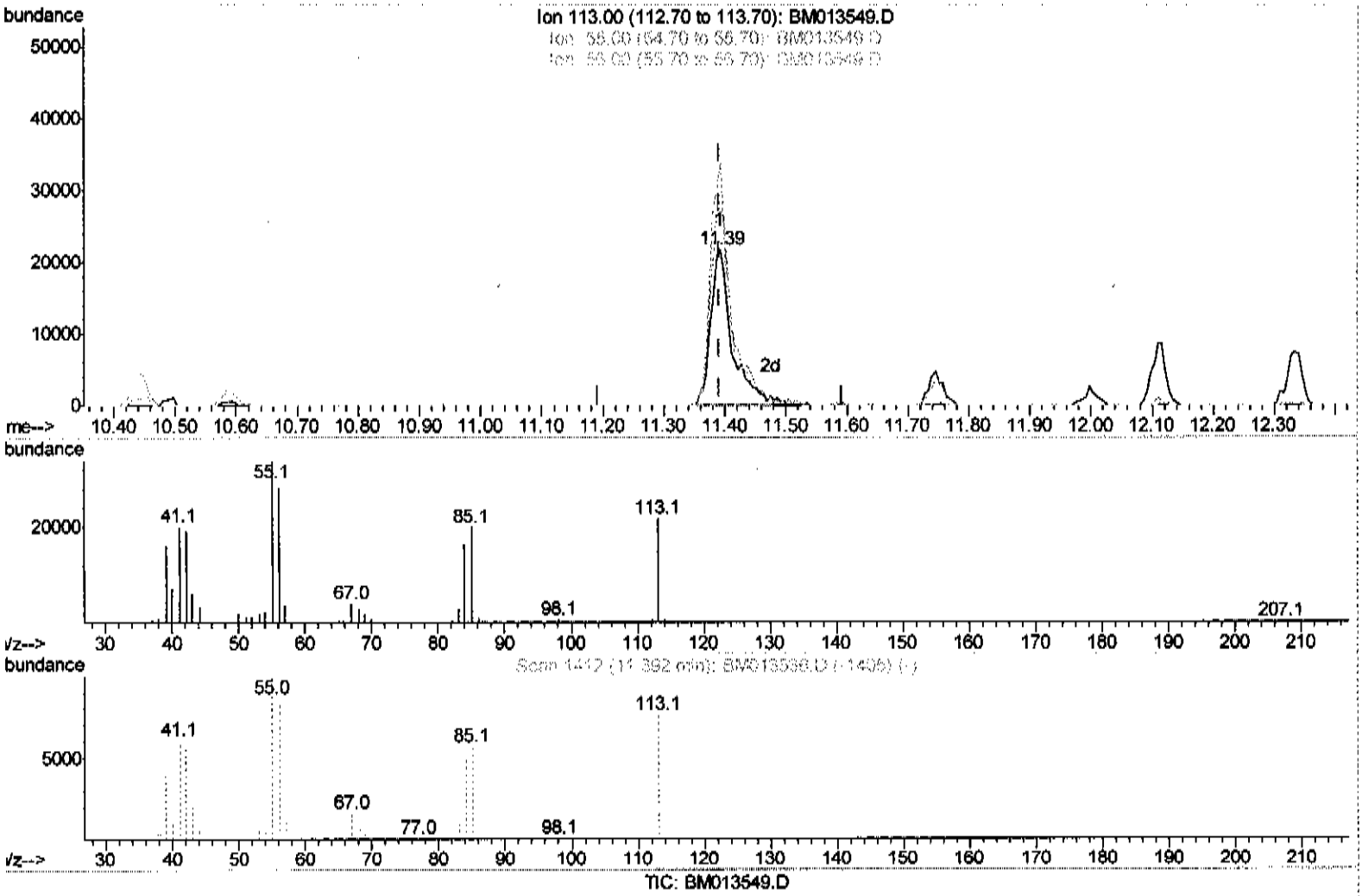

TIC: BM013549.D

(32) Caprolactam

11.392min (-0.000) 17.19ng/ul m SJ 12/27/17

response 52311

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	155.92#
56.00	200.00	130.65#
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	7.66	152	134627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	589326	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	382699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	902493	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	794396	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	657486	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	20879	7.68	ng/uL	0.00
5) Phenol-d5	6.85	99	214515	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	127758	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	175768	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	184059	18.50	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	95465	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	97048	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	204428	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	223430	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	622795	18.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	803294	19.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	75497	12.76	ng/ul	0.00
57) Fluorene-d10	15.30	176	571497	19.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	90794	15.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	887675	19.64	ng/ul	0.00
76) Pyrene-d10	19.46	212	891720	22.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	647181	19.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	22782	7.465	ng/uL#	64
4) Benzaldehyde	6.82	77	116956	20.292	ng/ul#	87
6) Phenol	6.87	94	219545	19.067	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.10	93	163073	18.523	ng/ul	94
10) 2-Chlorophenol	7.23	128	173791	19.472	ng/ul	98
11) 2-Methylphenol	8.11	108	168517	18.922	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.19	45	179120	19.377	ng/ul#	78
14) Acetophenone	8.49	105	283358	18.724	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.47	70	142795	18.733	ng/ul#	70
16) 4-Methylphenol	8.44	108	178431	18.736	ng/ul	98
17) Hexachloroethane	8.73	117	69357	17.849	ng/ul#	73
20) Nitrobenzene	8.86	77	229384	19.484	ng/ul	95
21) Isophorone	9.39	82	382248	18.452	ng/ul#	93
23) 2-Nitrophenol	9.57	139	100535	19.387	ng/ul#	82
24) 2,4-Dimethylphenol	9.63	107	213041	18.837	ng/ul#	91
25) Bis(2-Chloroethoxy)methane	9.87	93	230842	19.040	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	191500	20.114	ng/ul	93
28) Naphthalene	10.49	128	591928	19.523	ng/ul	98
30) 4-Chloroaniline	10.61	127	215102	23.453	ng/ul	92
31) Hexachlorobutadiene	10.77	225	134931	19.565	ng/ul	97
32) Caprolactam	11.39	113	52311m	17.191	ng/ul	—
33) 4-Chloro-3-methylphenol	11.75	107	198193	18.976	ng/ul	90
34) 2-Methylnaphthalene	12.11	142	448559	19.680	ng/ul	93

SJ 12/27/17

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Sohil
12/27/2017 4:45:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	267931	19.402	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	123219	13.557	ng/ul	94
38) 2,4,6-Trichlorophenol	12.73	196	165533	19.228	ng/ul	98
39) 2,4,5-Trichlorophenol	12.81	196	169519	18.537	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	605534	18.722	ng/ul	97
41) 2-Chloronaphthalene	13.18	162	490723	19.339	ng/ul	99
42) 2-Nitroaniline	13.39	65	136304	18.334	ng/ul	98
44) Dimethylphthalate	13.77	163	602624	18.501	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	121511	18.291	ng/ul#	94
47) Acenaphthylene	14.03	152	750765	19.304	ng/ul	96
48) 3-Nitroaniline	14.23	138	107433	18.093	ng/ul	92
49) Acenaphthene	14.37	153	507007	19.137	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	45242	12.307	ng/ul#	88
52) 4-Nitrophenol	14.54	109	81427	14.028	ng/ul#	82
53) Dibenzofuran	14.71	168	758556	19.395	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	177616	18.380	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	158127	18.859	ng/ul#	90
56) Diethylphthalate	15.14	149	600583	18.384	ng/ul	96
58) Fluorene	15.36	166	616968	19.069	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	339495	19.332	ng/ul	96
60) 4-Nitroaniline	15.39	138	95028	13.564	ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.46	198	86584	15.261	ng/ul	98
64) N-Nitrosodiphenylamine	15.57	169	523525	19.692	ng/ul	96
65) 4-Bromophenyl-phenylether	16.26	248	210265	19.819	ng/ul	97
66) Hexachlorobenzene	16.36	284	223901	19.137	ng/ul#	89
67) Atrazine	16.53	200	186376	18.993	ng/ul	94
68) Pentachlorophenol	16.72	266	104991	15.516	ng/ul	96
69) Phenanthrene	17.10	178	990281	19.314	ng/ul	98
71) Anthracene	17.19	178	999732	19.076	ng/ul	99
72) Carbazole	17.47	167	791347	17.555	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1001791	19.036	ng/ul	98
74) Fluoranthene	19.12	202	1103942	17.569	ng/ul#	92
77) Pyrene	19.49	202	1104288	22.881	ng/ul#	93
78) Butylbenzylphthalate	20.39	149	403387	21.392	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.17	252	251730	15.074	ng/ul	95
80) Benzo(a)anthracene	21.24	228	960950	19.066	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.17	149	591119	20.797	ng/ul#	97
82) Chrysene	21.29	228	892229	19.081	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	890727	19.051	ng/ul#	100
85) Benzo(b)fluoranthene	22.80	252	850593	19.191	ng/ul#	97
86) Benzo(k)fluoranthene	22.85	252	816760	19.582	ng/ul#	97
88) Benzo(a)pyrene	23.37	252	779513	19.579	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.70	276	770801	19.512	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	637792	18.960	ng/ul#	98
91) Benzo(g,h,i)perylene	26.37	276	606993	19.479	ng/ul#	97

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