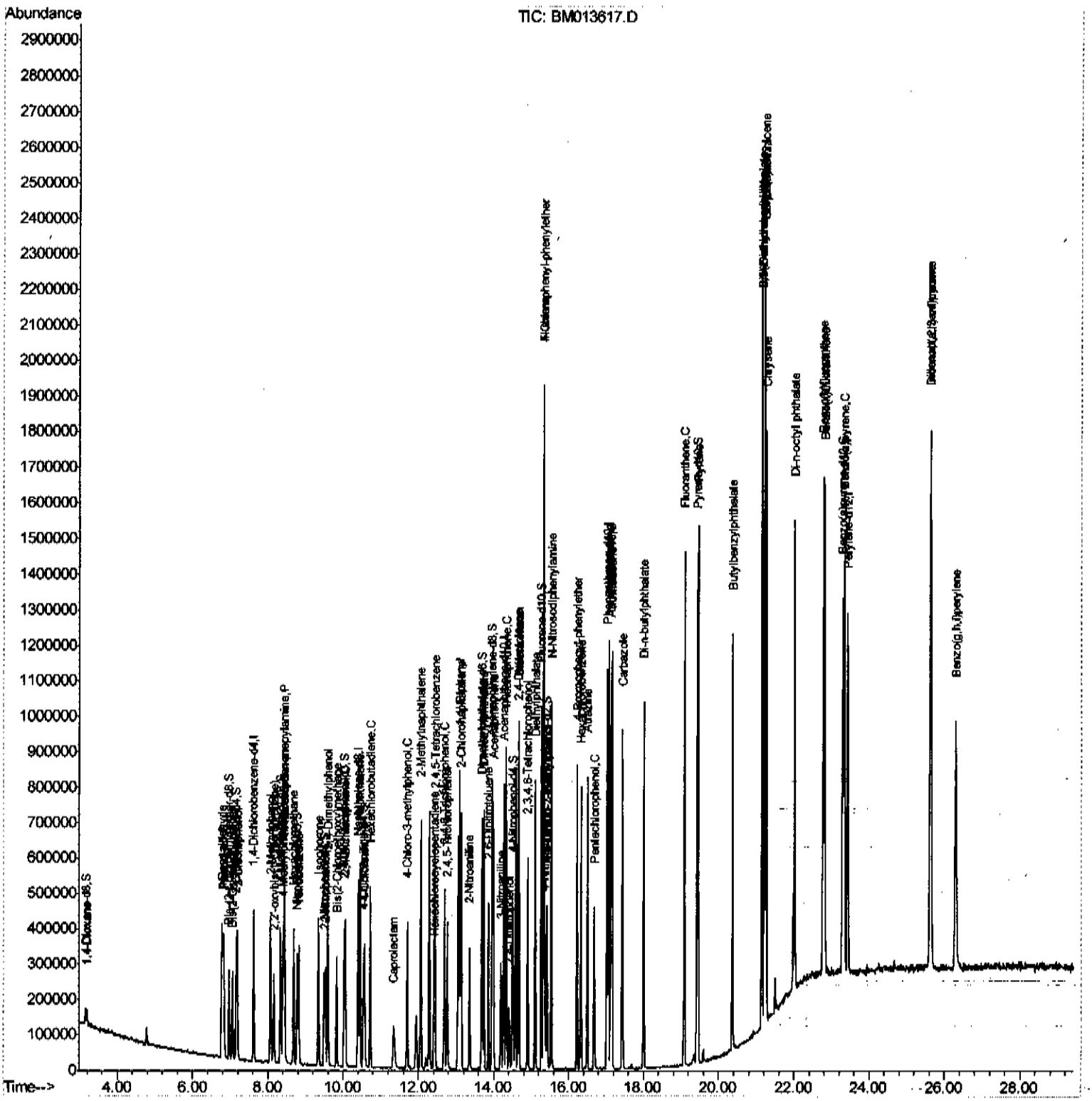
Data Path : U:\HPCHEM1\BNA M\DATA\BM011518\
Data File : BM013617.D
Acq On : 16 Jan 2018 10:13
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 10:48:19 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 07:13:29 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02021

Manual Integrations APPROVED
Sohil
1/16/2018 5:06:27 PM



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Quant Time: Jan 16 10:45:42 2018
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Quant Title : SVOA CALIBRATION
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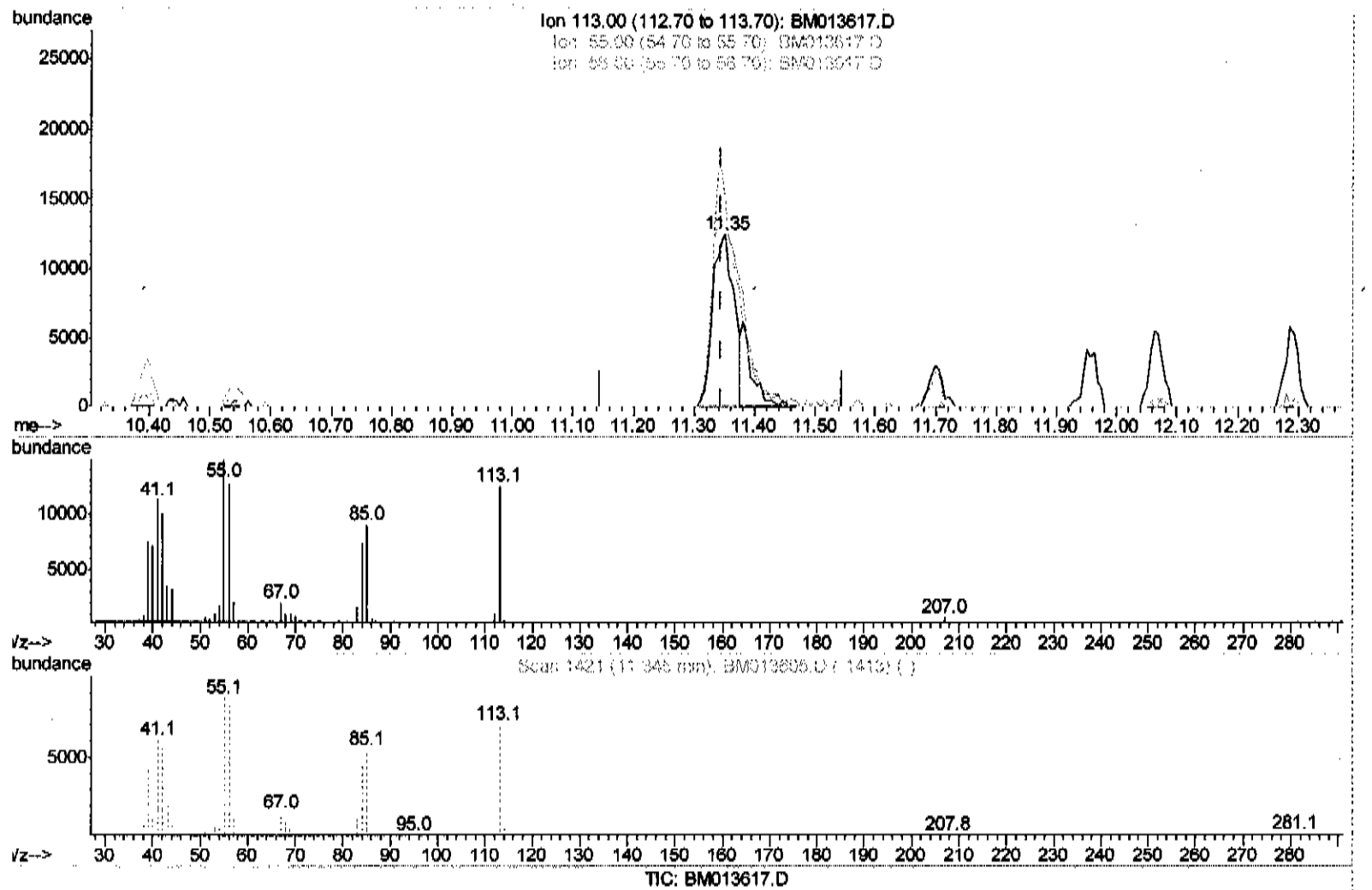

TIC: BM013617.D

(32) Caprolactam

11.351min (+0.006) 17.69ng/ul

response 30530

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	119.15#
56.00	200.00	101.76#
0.00	0.00	0.00

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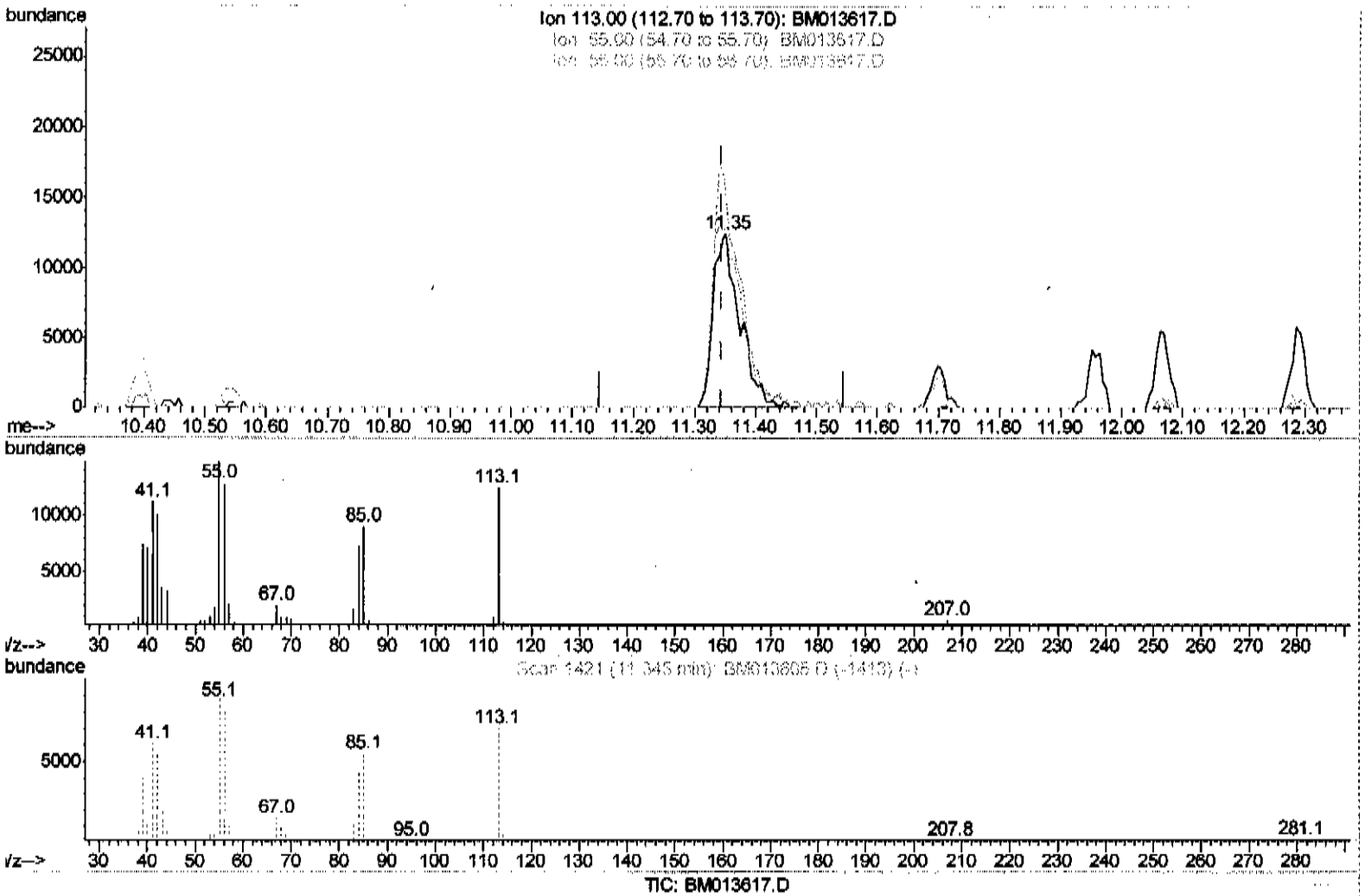

(32) Caprolactam

11.351min (+0.006) 21.88ng/ul m JLe 01/17/18

response 37773

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	119.15#
56.00	200.00	101.76#
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	7.62	152	102962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	406498	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	243990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	601936	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	731345	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	722927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	22809	8.76	ng/uL	0.00
5) Phenol-d5	6.80	99	160081	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	101290	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	136435	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	124085	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	63224	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	66719	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	137127	21.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	134865	24.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	411306	20.45	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	536762	20.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	66079	20.22	ng/ul	0.00
57) Fluorene-d10	15.27	176	374183	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	65451	18.06	ng/ul	0.00
70) Anthracene-d10	17.12	188	610706	20.83	ng/ul	0.00
76) Pyrene-d10	19.42	212	706210	20.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	693652	20.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	22064	7.732	ng/uL#	72
4) Benzaldehyde	6.77	77	123011	22.488	ng/ul	89
6) Phenol	6.83	94	161578	20.381	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.06	93	130513	21.038	ng/ul	98
10) 2-Chlorophenol	7.19	128	135581	21.121	ng/ul	96
11) 2-Methylphenol	8.06	108	118546	20.285	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.16	45	129839	20.569	ng/ul#	74
14) Acetophenone	8.44	105	201471	20.036	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.42	70	101629	20.717	ng/ul#	77
16) 4-Methylphenol	8.39	108	120434	19.273	ng/ul	93
17) Hexachloroethane	8.68	117	64242	20.560	ng/ul#	78
20) Nitrobenzene	8.82	77	164880	20.235	ng/ul	98
21) Isophorone	9.34	82	263481	20.013	ng/ul#	94
23) 2-Nitrophenol	9.52	139	68516	19.725	ng/ul#	87
24) 2,4-Dimethylphenol	9.59	107	147970	20.206	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.82	93	164476	20.493	ng/ul	91
27) 2,4-Dichlorophenol	10.05	162	129322	20.841	ng/ul#	92
28) Naphthalene	10.45	128	413721	20.458	ng/ul	97
30) 4-Chloroaniline	10.57	127	133682	24.134	ng/ul	91
31) Hexachlorobutadiene	10.73	225	102147	20.054	ng/ul#	92
32) Caprolactam	11.35	113	37773m	21.882	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	133021	21.147	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	312291	20.712	ng/ul	92

JM 01/17/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	182825	20.222	ng/ul#	96
37) Hexachlorocyclopentadiene	12.41	237	56853	15.147	ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	114602	21.899	ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	112701	20.697	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	414144	20.392	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	323228	20.359	ng/ul	96
42) 2-Nitroaniline	13.36	65	90598	20.687	ng/ul	97
44) Dimethylphthalate	13.73	163	401280	20.296	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	77569	20.245	ng/ul	87
47) Acenaphthylene	13.99	152	488210	20.808	ng/ul	99
48) 3-Nitroaniline	14.19	138	64788	21.501	ng/ul	98
49) Acenaphthene	14.33	153	338758	20.847	ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	34163	15.554	ng/ul#	88
52) 4-Nitrophenol	14.51	109	68867	20.744	ng/ul#	85
53) Dibenzofuran	14.67	168	512680	20.972	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	119635	21.420	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.90	232	109003	21.282	ng/ul	95
56) Diethylphthalate	15.10	149	406908	20.450	ng/ul	95
58) Fluorene	15.32	166	427550	21.351	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.32	204	227440	21.020	ng/ul	97
60) 4-Nitroaniline	15.36	138	76839	21.794	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.42	198	65570	17.145	ng/ul	94
64) N-Nitrosodiphenylamine	15.54	169	361227	20.404	ng/ul	96
65) 4-Bromophenyl-phenylether	16.22	248	141956	19.967	ng/ul	96
66) Hexachlorobenzene	16.33	284	152959	19.987	ng/ul#	93
67) Atrazine	16.50	200	138347	19.580	ng/ul	94
68) Pentachlorophenol	16.67	266	74822	18.399	ng/ul	95
69) Phenanthrene	17.06	178	692519	20.697	ng/ul	99
71) Anthracene	17.16	178	720737	20.884	ng/ul	99
72) Carbazole	17.43	167	592875	20.812	ng/ul	99
73) Di-n-butylphthalate	18.00	149	667012	19.908	ng/ul	99
74) Fluoranthene	19.09	202	851313	21.315	ng/ul#	94
77) Pyrene	19.45	202	907414	20.409	ng/ul#	91
78) Butylbenzylphthalate	20.36	149	306221	19.552	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.14	252	250421	20.698	ng/ul	98
80) Benzo(a)anthracene	21.20	228	914391	20.692	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	434479	18.490	ng/ul#	98
82) Chrysene	21.26	228	839165	20.699	ng/ul	98
84) Di-n-octyl phthalate	22.01	149	765963	17.581	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	978719	22.045	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	865651	20.172	ng/ul#	97
88) Benzo(a)pyrene	23.32	252	873806	20.834	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.62	276	1029678	20.798	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.63	278	885500	21.180	ng/ul#	96
91) Benzo(g,h,i)perylene	26.29	276	850805	20.880	ng/ul#	96

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