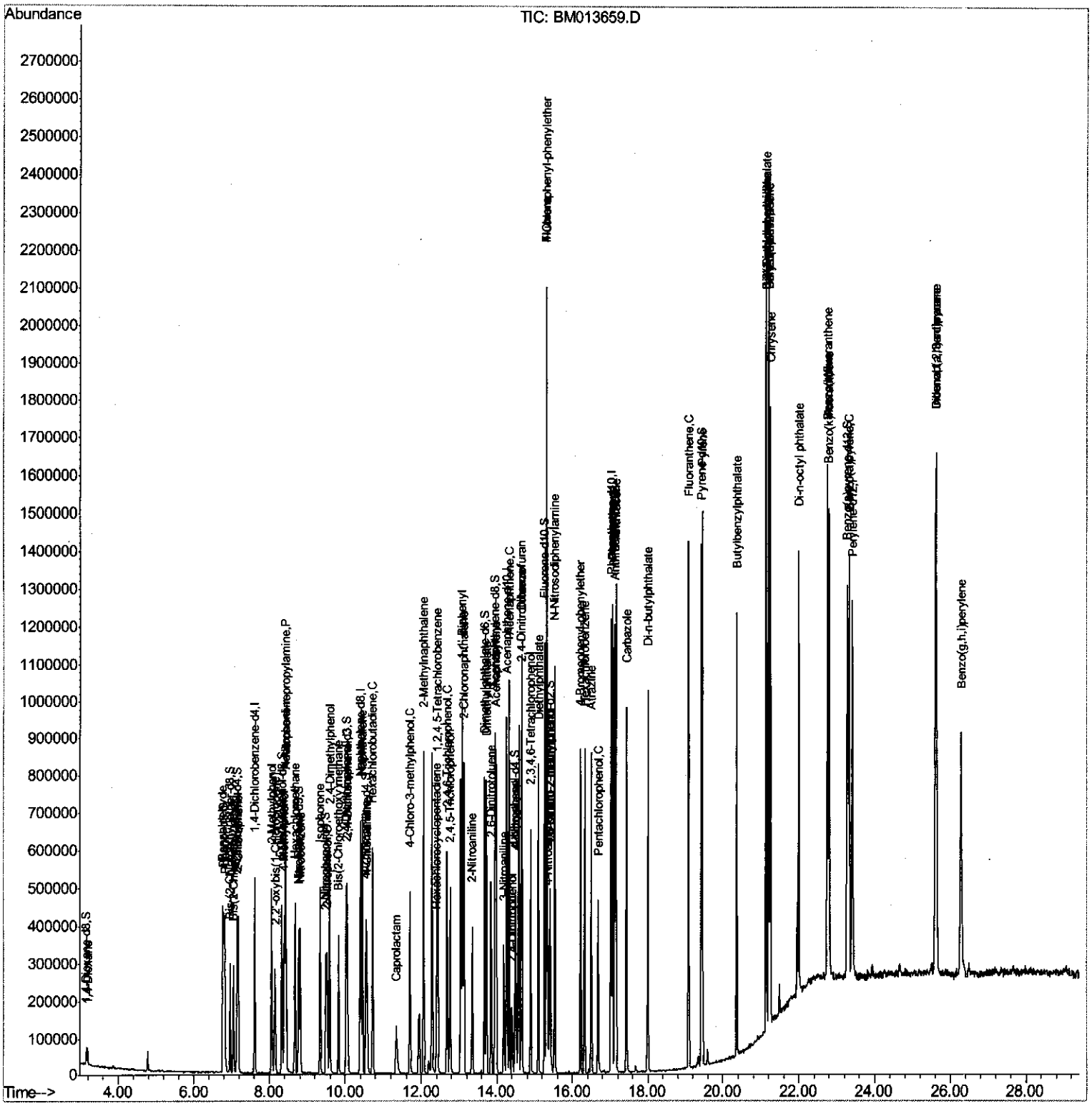
Data Path : U:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013659.D
Acq On : 19 Jan 2018 11:04
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 19 13:01:44 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 19 02:57:39 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02027

Manual Integrations APPROVED
Sohil
1/22/2018 8:29:15 AM



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Data File : BM013659.D
Acq On : 19 Jan 2018 11:04
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Quant Time: Jan 19 12:59:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 19 02:57:39 2018
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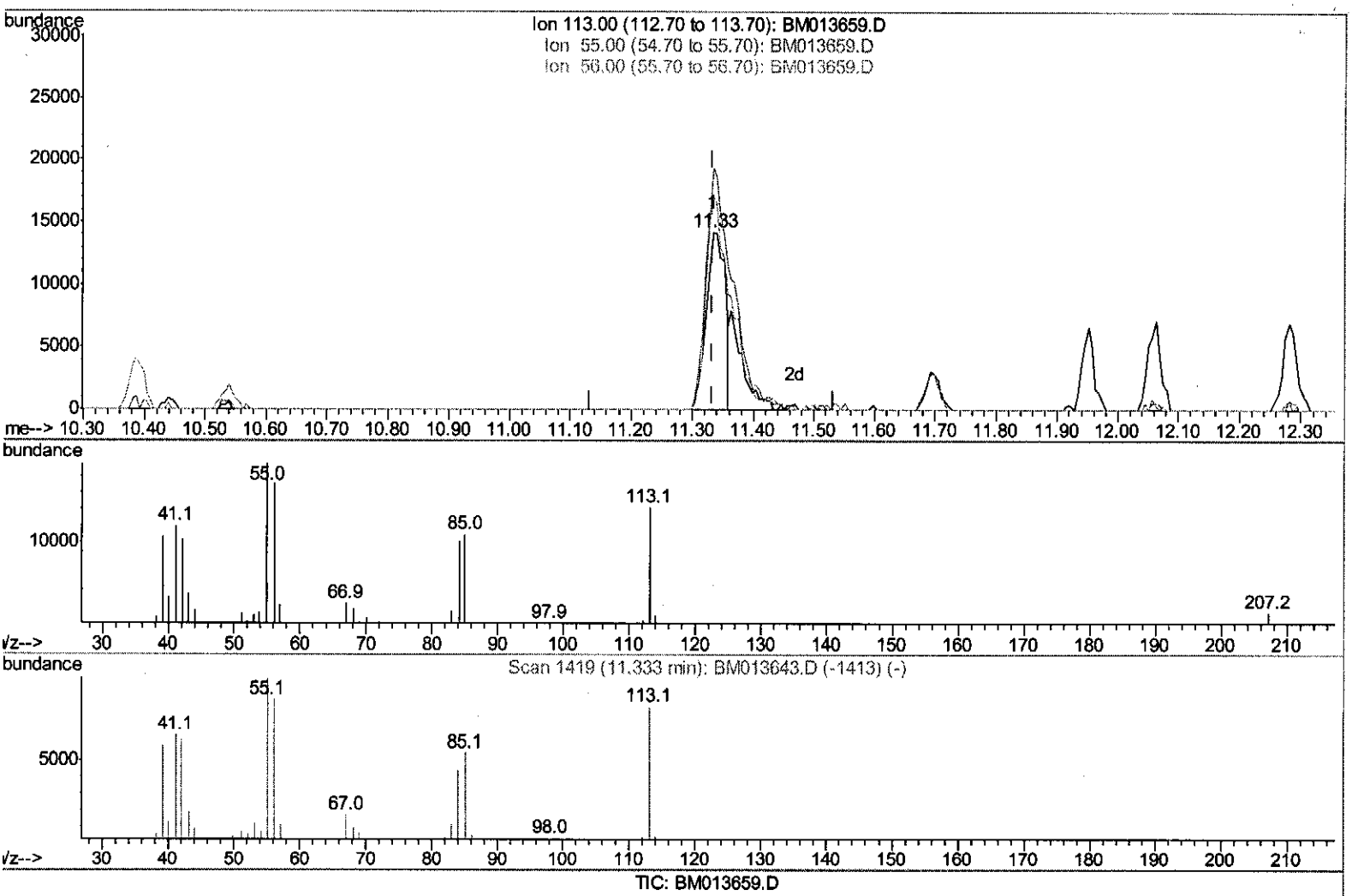

(32) Caprolactam

11.333min (-0.000) 13.48ng/ul

response 30160

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	136.60#
56.00	200.00	119.77#
0.00	0.00	0.00

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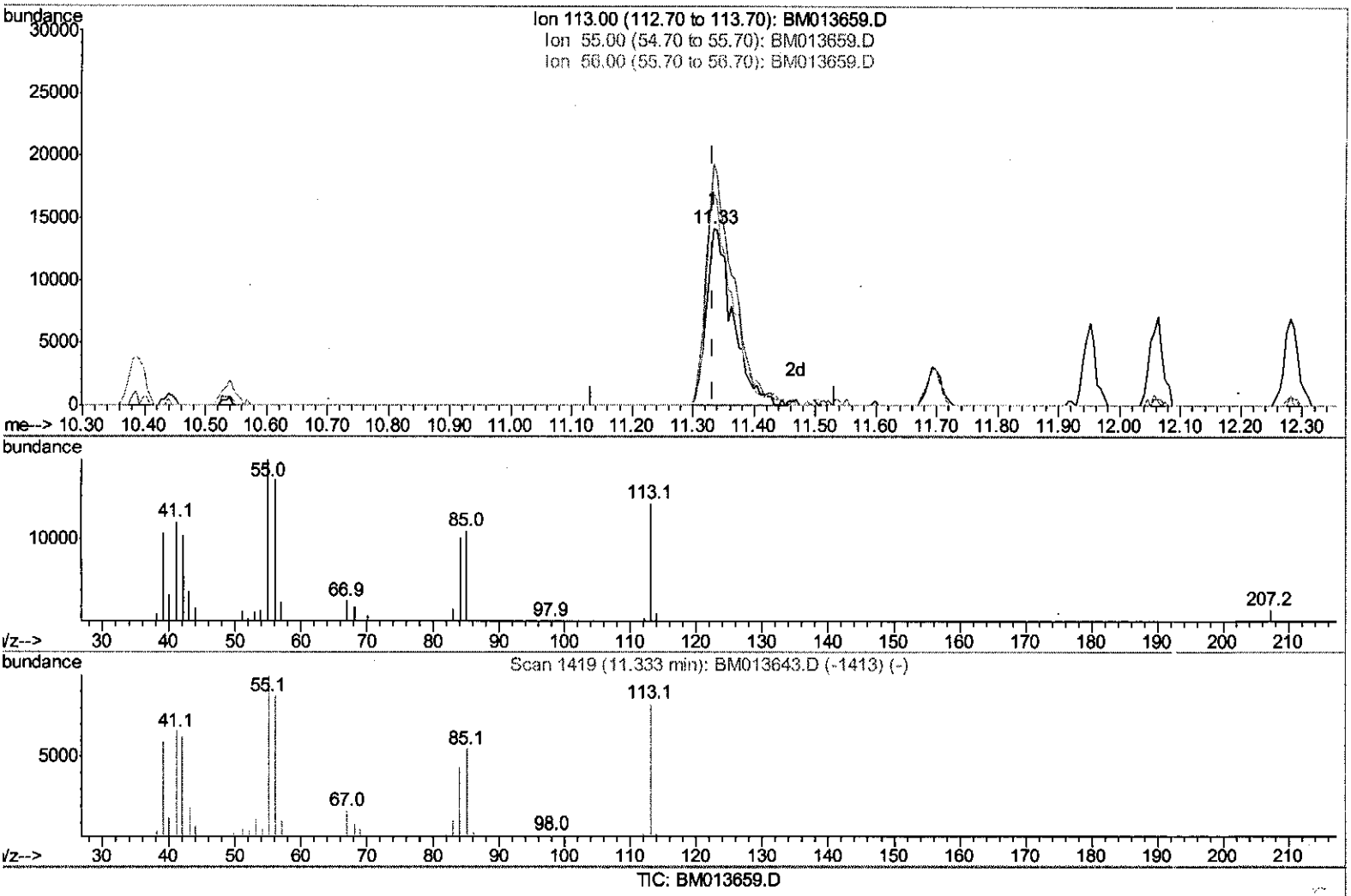

(32) Caprolactam

11.333min (-0.000) 18.89ng/ul m7 SJ 1/22/18

response 42244

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	136.60#
56.00	200.00	119.77#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	130658	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	526698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	301773	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	670073	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	732488	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	725261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	21931	6.63	ng/uL	0.00
5) Phenol-d5	6.79	99	195285	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	115134	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	169310	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	151146	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	79260	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	86776	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	161648	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	175201	24.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	479871	19.29	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	627764	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	73891	18.28	ng/ul	0.00
57) Fluorene-d10	15.26	176	426666	19.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	71244	17.66	ng/ul	0.00
70) Anthracene-d10	17.12	188	644036	19.73	ng/ul	0.00
76) Pyrene-d10	19.42	212	704219	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	672437	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	21989	6.072	ng/uL#	67
4) Benzaldehyde	6.77	77	146063	21.042	ng/ul	88
6) Phenol	6.82	94	196867	19.568	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.05	93	153411	19.487	ng/ul	95
10) 2-Chlorophenol	7.18	128	162721	19.976	ng/ul	96
11) 2-Methylphenol	8.06	108	151178	20.385	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.15	45	151475	18.910	ng/ul#	76
14) Acetophenone	8.43	105	253226	19.845	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.42	70	120237	19.314	ng/ul#	70
16) 4-Methylphenol	8.39	108	156090	19.684	ng/ul	94
17) Hexachloroethane	8.67	117	73663	18.578	ng/ul#	77
20) Nitrobenzene	8.81	77	197918	18.746	ng/ul	96
21) Isophorone	9.33	82	314607	18.443	ng/ul#	92
23) 2-Nitrophenol	9.52	139	87684	19.483	ng/ul#	87
24) 2,4-Dimethylphenol	9.58	107	192753	20.314	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.82	93	195504	18.800	ng/ul	96
27) 2,4-Dichlorophenol	10.05	162	158836	19.756	ng/ul#	92
28) Naphthalene	10.44	128	528981	20.188	ng/ul	98
30) 4-Chloroaniline	10.56	127	168969	23.543	ng/ul	93
31) Hexachlorobutadiene	10.72	225	123834	18.764	ng/ul#	91
32) Caprolactam	11.33	113	42244m	18.887	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	163243	20.029	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	391560	20.043	ng/ul	90

SJ 1/22/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	224161	20.047 ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	72246	15.563 ng/ul#	93
38) 2,4,6-Trichlorophenol	12.69	196	136221	21.046 ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	134512	19.972 ng/ul	89
40) 1,1'-Biphenyl	13.09	154	501935	19.982 ng/ul	97
41) 2-Chloronaphthalene	13.13	162	395880	20.161 ng/ul	98
42) 2-Nitroaniline	13.35	65	108294	19.993 ng/ul	96
44) Dimethylphthalate	13.73	163	455934	18.645 ng/ul	98
45) 2,6-Dinitrotoluene	13.86	165	91225	19.250 ng/ul	93
47) Acenaphthylene	13.98	152	573784	19.773 ng/ul	97
48) 3-Nitroaniline	14.19	138	81086	21.757 ng/ul	83
49) Acenaphthene	14.33	153	394347	19.621 ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	39080	14.386 ng/ul#	86
52) 4-Nitrophenol	14.50	109	68370	16.651 ng/ul#	79
53) Dibenzofuran	14.67	168	577400	19.097 ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	136250	19.724 ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	123581	19.508 ng/ul#	91
56) Diethylphthalate	15.10	149	445730	18.112 ng/ul	93
58) Fluorene	15.32	166	485277	19.594 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.32	204	248314	18.555 ng/ul	99
60) 4-Nitroaniline	15.35	138	85972	19.715 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.42	198	76986	18.083 ng/ul	97
64) N-Nitrosodiphenylamine	15.53	169	396049	20.096 ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	155431	19.639 ng/ul	92
66) Hexachlorobenzene	16.32	284	168864	19.822 ng/ul#	87
67) Atrazine	16.49	200	152369	19.372 ng/ul	92
68) Pentachlorophenol	16.67	266	82426	18.208 ng/ul	94
69) Phenanthrene	17.06	178	737312	19.795 ng/ul	99
71) Anthracene	17.15	178	763399	19.871 ng/ul	99
72) Carbazole	17.43	167	618384	19.500 ng/ul	99
73) Di-n-butylphthalate	17.99	149	685160	18.370 ng/ul	99
74) Fluoranthene	19.08	202	847549	19.063 ng/ul#	94
77) Pyrene	19.44	202	900939	20.232 ng/ul#	93
78) Butylbenzylphthalate	20.36	149	304062	19.384 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.14	252	257447	21.246 ng/ul#	97
80) Benzo(a)anthracene	21.20	228	893308	20.183 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	425761	18.091 ng/ul	99
82) Chrysene	21.25	228	802041	19.753 ng/ul	99
84) Di-n-octyl phthalate	22.00	149	726112	16.613 ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	915398	20.552 ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	825134	19.166 ng/ul#	98
88) Benzo(a)pyrene	23.32	252	827903	19.676 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.61	276	970260	19.535 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.63	278	837735	19.973 ng/ul#	97
91) Benzo(g,h,i)perylene	26.29	276	814585	19.927 ng/ul#	93

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