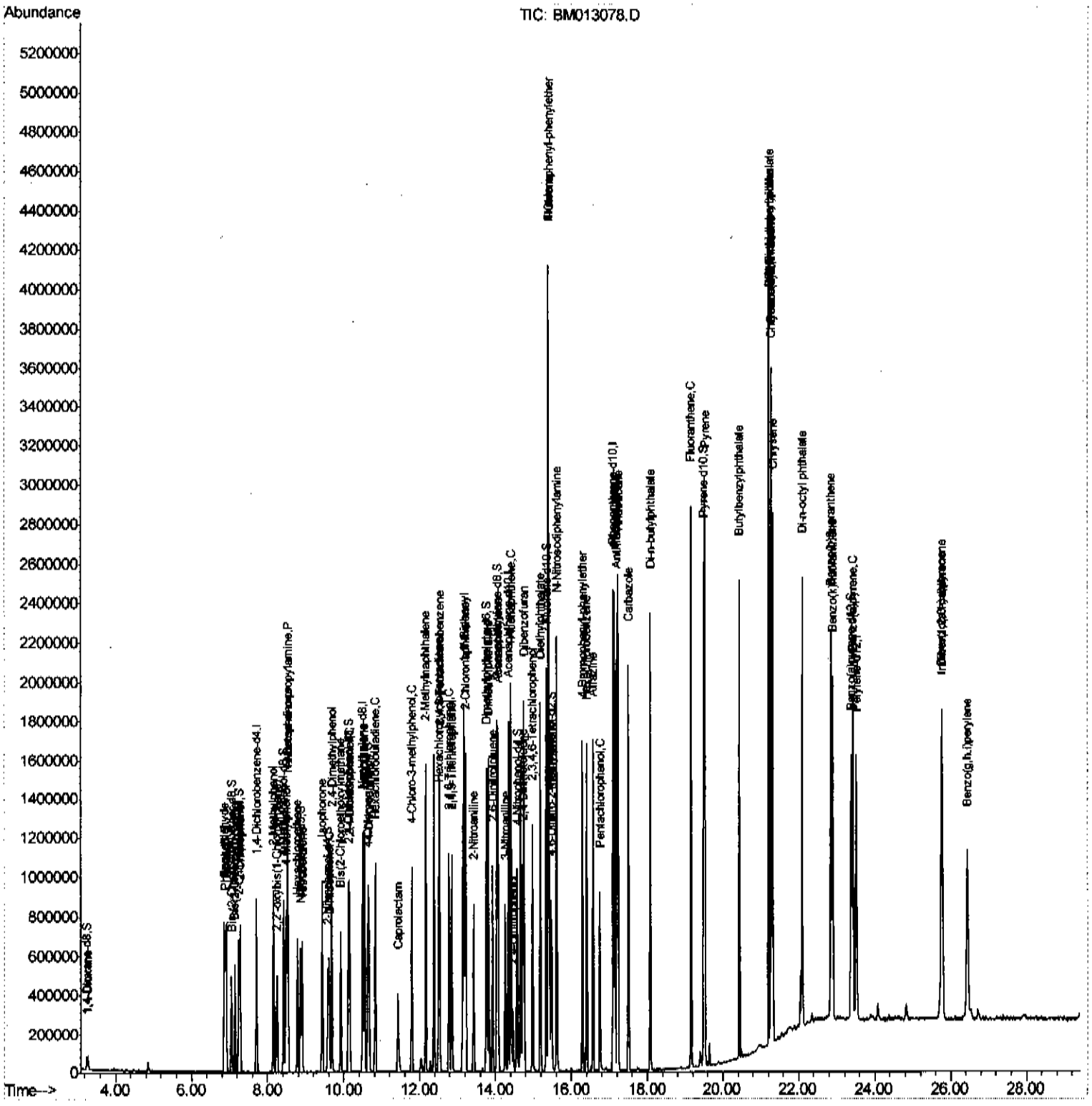
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013078.D
Acq On : 22 Nov 2017 10:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 04:23:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:39:32 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02044

Manual Integrations APPROVED
Sohil
11/27/2017 3:23:35 PM



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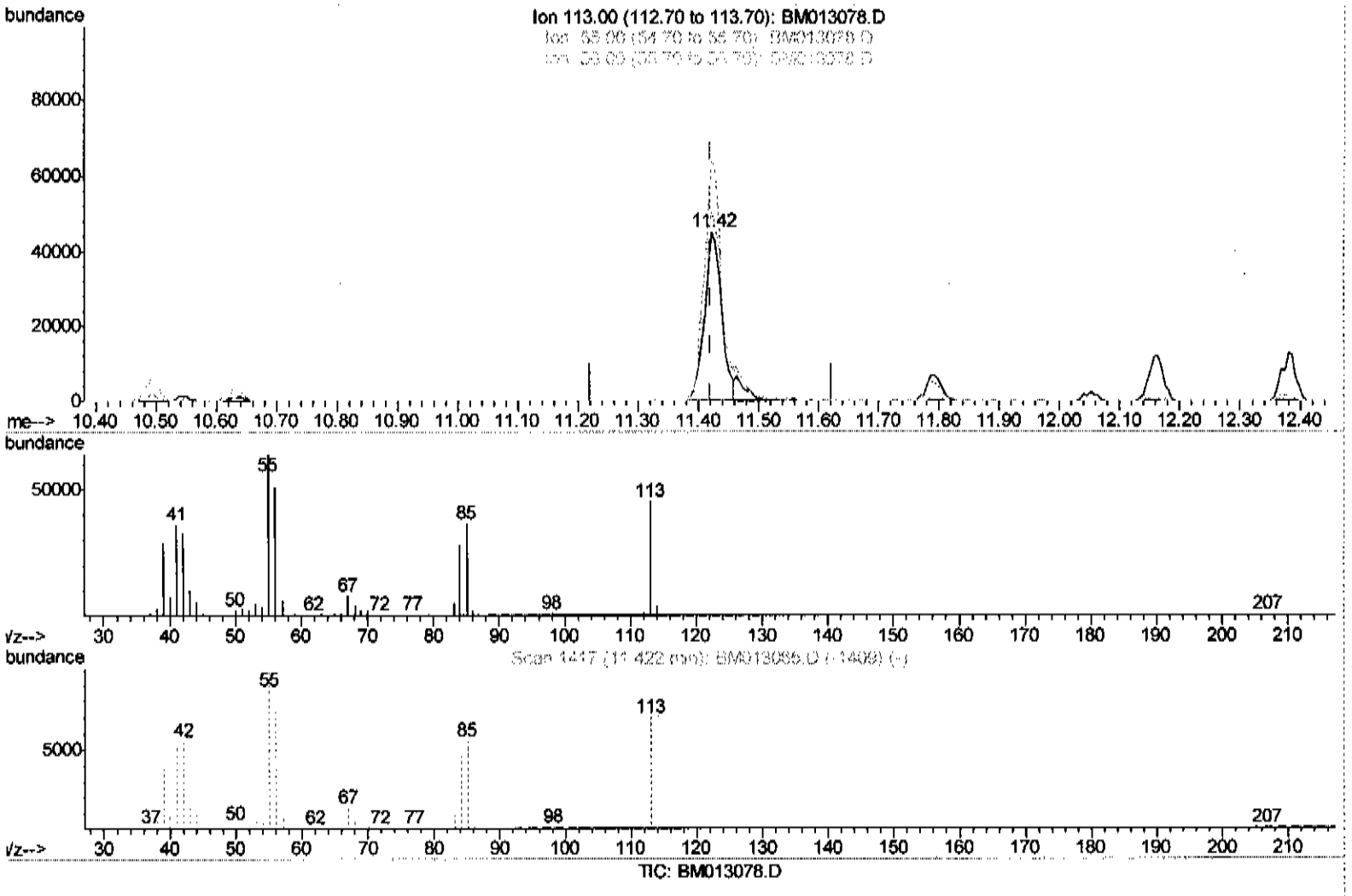

TIC: BM013078.D

(32) Caprolactam

11.422min (+0.000) 18.38ng/ul

response 88380

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	141.56#
56.00	200.00	113.08#
0.00	0.00	0.00

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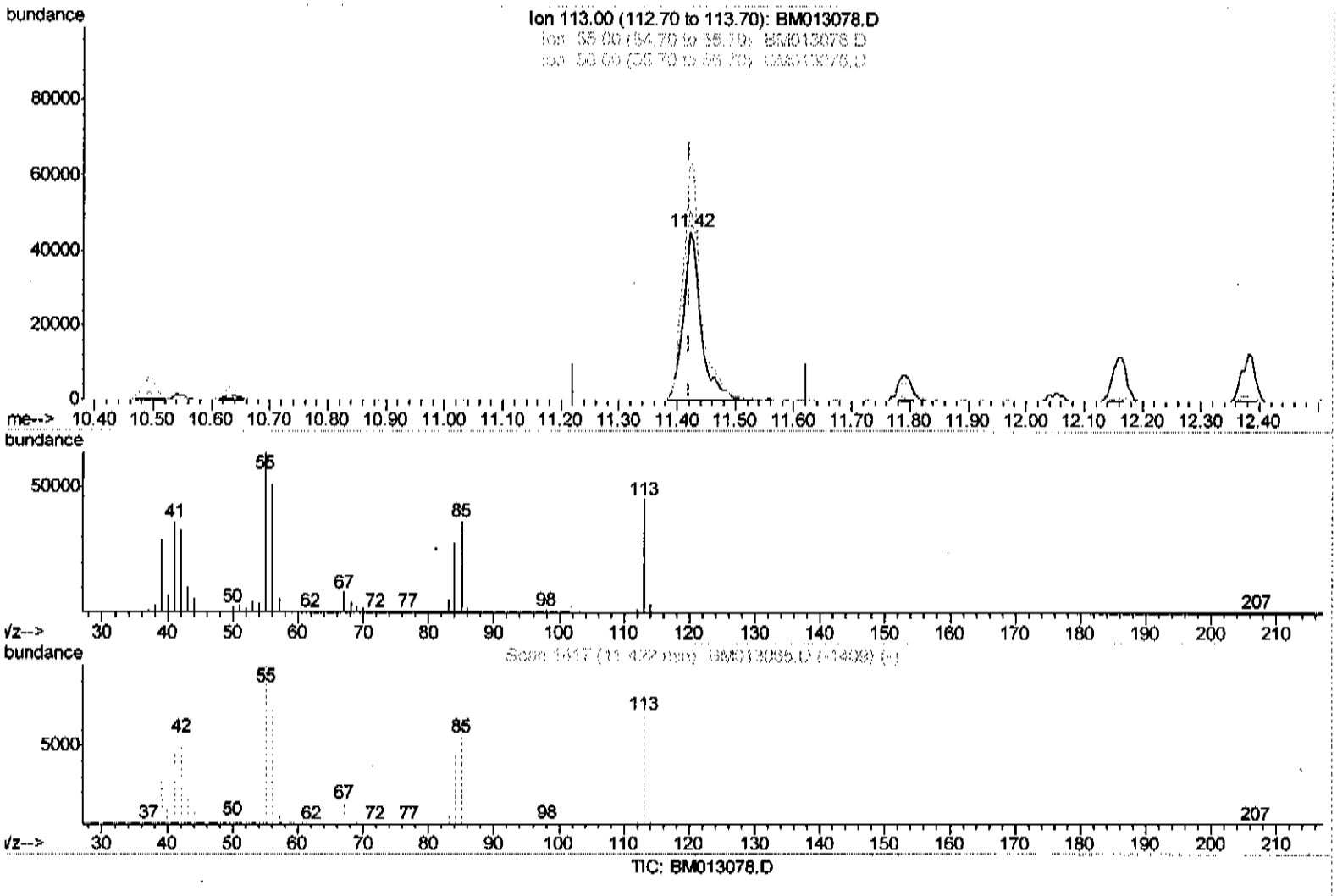

TIC: BM013078.D

(32) Caprolactam

11.422min (+0.000) 20.02ng/ul m JU 11/27/17

response 96265

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	141.56#
56.00	200.00	113.08#
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	7.71	152	218998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	957437	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	596965	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1365046	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1216743	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	990170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	28974	6.13	ng/uL	0.00
5) Phenol-d5	6.89	99	353184	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	203412	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	273963	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	295287	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	143091	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	148046	22.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	317067	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	386705	22.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	961972	18.37	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1204646	18.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	147530	18.58	ng/ul	0.01
57) Fluorene-d10	15.35	176	815299	18.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	118788	20.07	ng/ul	0.00
70) Anthracene-d10	17.20	188	1266773	18.13	ng/ul	0.00
76) Pyrene-d10	19.49	212	1324633	21.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	948697	18.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30233	5.82	ng/uL#	68
4) Benzaldehyde	6.86	77	239481	23.43	ng/ul	90
6) Phenol	6.92	94	356408	19.04	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.15	93	274304	19.46	ng/ul	98
10) 2-Chlorophenol	7.28	128	290596	19.37	ng/ul	97
11) 2-Methylphenol	8.16	108	275724	19.40	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	293039	18.32	ng/ul#	78
14) Acetophenone	8.53	105	470433	19.75	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.52	70	237838	19.47	ng/ul#	68
16) 4-Methylphenol	8.49	108	301381	19.97	ng/ul	93
17) Hexachloroethane	8.78	117	120554	18.97	ng/ul#	80
20) Nitrobenzene	8.91	77	352449	20.67	ng/ul	94
21) Isophorone	9.43	82	648863	18.57	ng/ul#	94
23) 2-Nitrophenol	9.62	139	159635	22.60	ng/ul#	83
24) 2,4-Dimethylphenol	9.68	107	356614	19.19	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.92	93	389488	19.43	ng/ul	94
27) 2,4-Dichlorophenol	10.15	162	298074	19.47	ng/ul#	89
28) Naphthalene	10.55	128	941886	19.09	ng/ul	99
30) 4-Chloroaniline	10.66	127	388379	23.51	ng/ul	91
31) Hexachlorobutadiene	10.83	225	216279	19.62	ng/ul	94
32) Caprolactam	11.42	113	96265m	20.02	ng/ul	—
33) 4-Chloro-3-methylphenol	11.79	107	325922	19.99	ng/ul	97
34) 2-Methylnaphthalene	12.16	142	722008	20.00	ng/ul	96

JU 11/27/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	409423	18.86	ng/ul#	99
37) Hexachlorocyclopentadiene	12.51	237	219449	13.67	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	261539	19.99	ng/ul	100
39) 2,4,5-Trichlorophenol	12.85	196	274184	20.04	ng/ul	96
40) 1,1'-Biphenyl	13.18	154	953332	18.95	ng/ul	98
41) 2-Chloronaphthalene	13.22	162	748539	18.78	ng/ul	98
42) 2-Nitroaniline	13.43	65	220348	26.03	ng/ul	93
44) Dimethylphthalate	13.82	163	971810	19.41	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	196813	25.76	ng/ul	92
47) Acenaphthylene	14.07	152	1159787	18.87	ng/ul	99
48) 3-Nitroaniline	14.26	138	190473	26.62	ng/ul	92
49) Acenaphthene	14.42	153	779572	18.87	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	66402	18.15	ng/ul#	88
52) 4-Nitrophenol	14.58	109	149220	20.73	ng/ul#	77
53) Dibenzofuran	14.75	168	1142742	19.31	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	277985	26.01	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	14.98	232	238132	20.78	ng/ul#	92
56) Diethylphthalate	15.19	149	970039	19.16	ng/ul	95
58) Fluorene	15.40	166	941181	19.32	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	496779	19.30	ng/ul	97
60) 4-Nitroaniline	15.43	138	192489	20.45	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.48	198	131671	20.48	ng/ul	96
64) N-Nitrosodiphenylamine	15.62	169	815341	19.03	ng/ul	96
65) 4-Bromophenyl-phenylether	16.30	248	314080	19.00	ng/ul	97
66) Hexachlorobenzene	16.40	284	336903	18.88	ng/ul#	93
67) Atrazine	16.57	200	314818	19.18	ng/ul	90
68) Pentachlorophenol	16.75	266	157058	17.07	ng/ul	97
69) Phenanthrene	17.14	178	1463001	19.05	ng/ul	99
71) Anthracene	17.23	178	1501983	18.85	ng/ul	99
72) Carbazole	17.50	167	1244339	18.06	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1599395	18.23	ng/ul#	98
74) Fluoranthene	19.16	202	1678437	18.09	ng/ul#	92
77) Pyrene	19.52	202	1715115	22.64	ng/ul#	93
78) Butylbenzylphthalate	20.43	149	658640	20.92	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.20	252	481716	19.26	ng/ul#	95
80) Benzo(a)anthracene	21.27	228	1494968	19.20	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	939183	20.24	ng/ul#	97
82) Chrysene	21.32	228	1312373	18.17	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	1413756	21.67	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1345229	21.02	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	1183013	20.08	ng/ul#	98
88) Benzo(a)pyrene	23.42	252	1176934	19.75	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.75	276	1251511	17.98	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.77	278	1058776	17.96	ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	1020006	17.64	ng/ul#	94

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