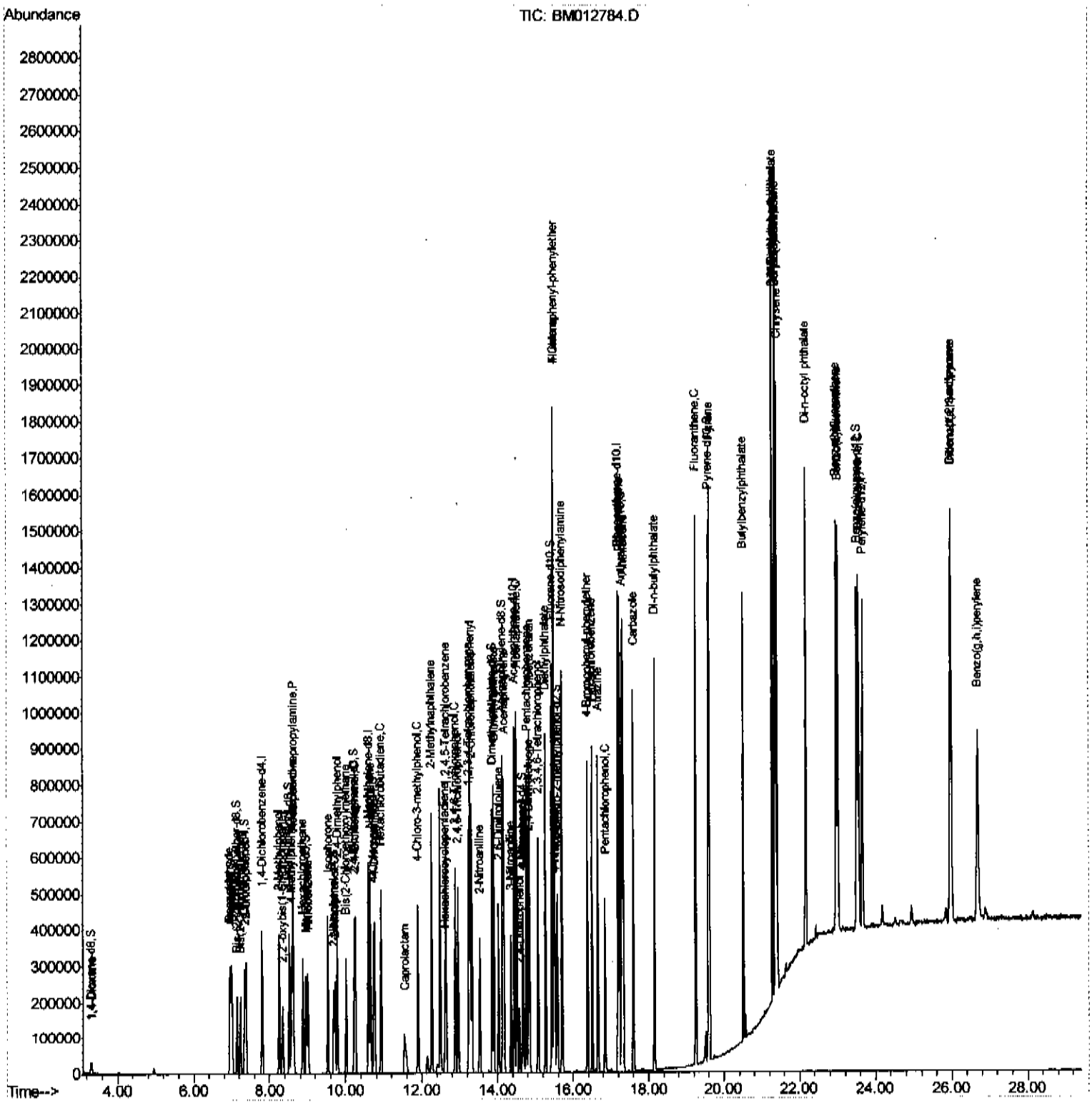
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012784.D
Acq On : 06 Nov 2017 19:11
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 06:02:49 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02001

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:29 PM



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Sample : SSTDCCC020EC
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Quant Time: Nov 07 04:10:04 2017
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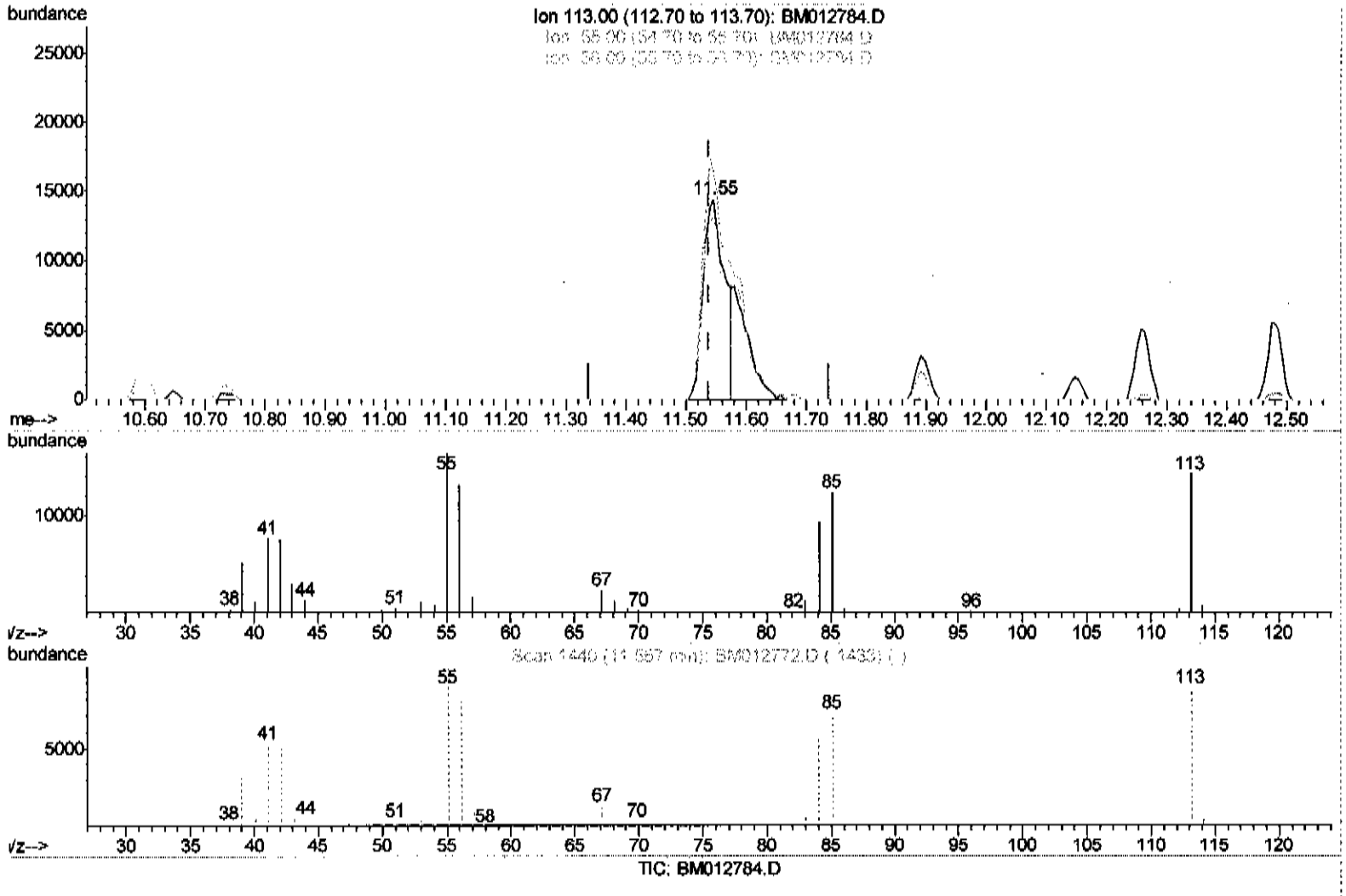

TIC: BM012784.D

(32) Caprolactam

11.545min (+0.006) 15.55ng/ul

response 36009

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	113.70
56.00	101.50	90.92
0.00	0.00	0.00

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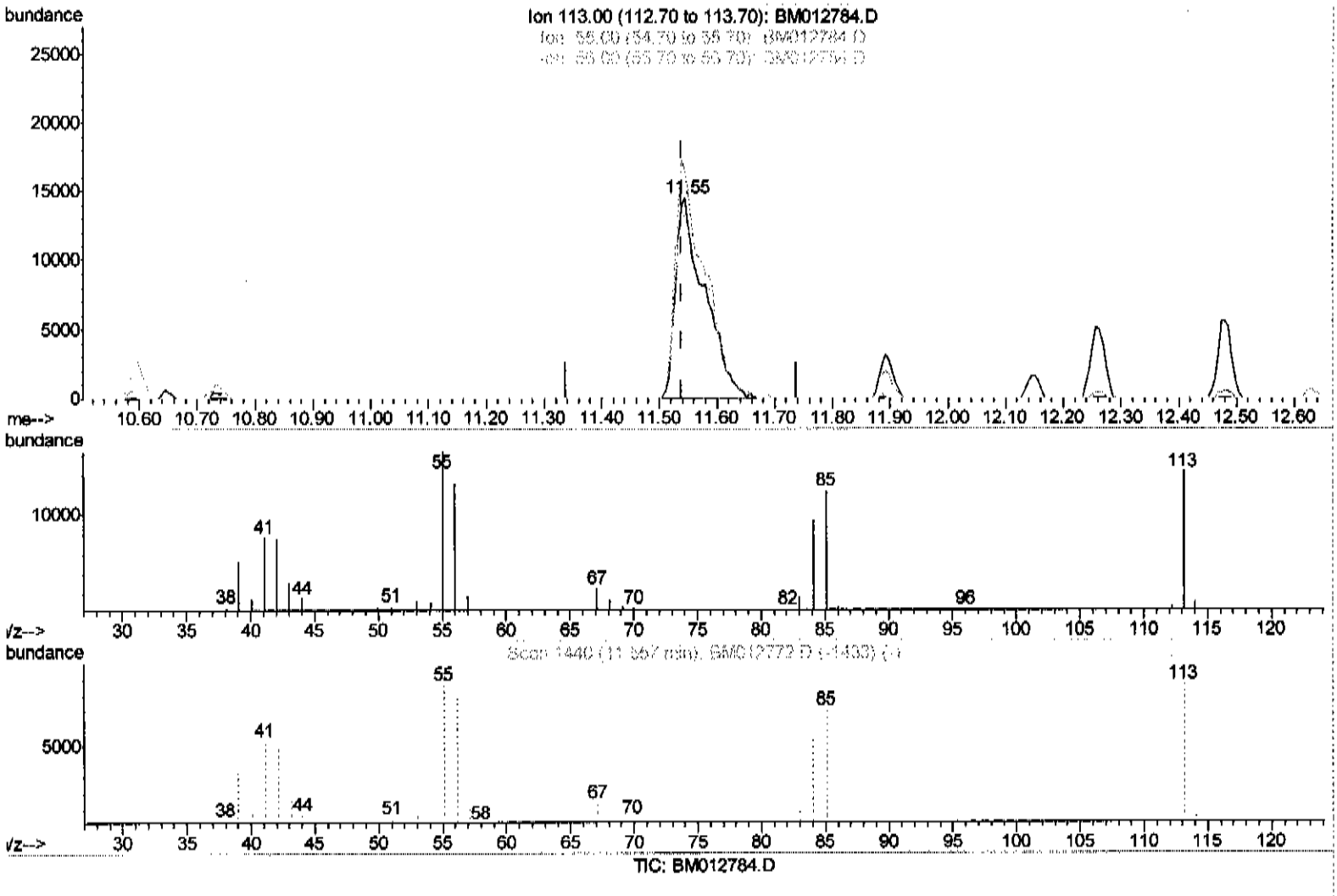

TIC: BM012784.D

(32) Caprolactam

11.545min (+0.006) 21.79ng/ul m JU 11/7/17

response 50443

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	113.70
56.00	101.50	90.92
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
11/7/2017 5:35:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	112162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	487381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	322638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	773717	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	811397	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	712435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14692	7.08	ng/uL	0.00
5) Phenol-d5	6.98	99	163494	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	88032	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	138213	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	148271	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	68788	19.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	82689	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	165985	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	191523	23.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	515360	19.30	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	630816	19.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	78576	18.37	ng/ul	0.00
57) Fluorene-d10	15.44	176	433918	18.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	89764	17.57	ng/ul	0.00
70) Anthracene-d10	17.29	188	703335	18.81	ng/ul	0.00
78) Pyrene-d10	19.59	212	758822	20.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	640590	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	16733	7.18	ng/uL	98
4) Benzaldehyde	6.95	77	102587	23.11	ng/ul	98
6) Phenol	7.01	94	168175	19.63	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	126422	19.69	ng/ul	99
10) 2-Chlorophenol	7.37	128	141840	19.81	ng/ul	100
11) 2-Methylphenol	8.25	108	129949	19.93	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	111145	20.95	ng/ul	95
14) Acetophenone	8.63	105	221393	20.42	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	109125	20.94	ng/ul	97
16) 4-Methylphenol	8.58	108	146314	20.68	ng/ul	99
17) Hexachloroethane	8.88	117	55542	19.27	ng/ul#	68
20) Nitrobenzene	9.00	77	155691	18.37	ng/ul	98
21) Isophorone	9.53	82	311025	20.38	ng/ul	97
23) 2-Nitrophenol	9.72	139	86365	19.47	ng/ul	98
24) 2,4-Dimethylphenol	9.78	107	172791	19.15	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.01	93	184917	19.44	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	159336	19.35	ng/ul	98
28) Naphthalene	10.65	128	454899	18.67	ng/ul	99
30) 4-Chloroaniline	10.76	127	192124	23.44	ng/ul	99
31) Hexachlorobutadiene	10.93	225	115244	17.80	ng/ul	99
32) Caprolactam	11.55	113	50443m>	21.79	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	165890	20.72	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	362252	19.45	ng/ul	99

> JU 11/7/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	222920	17.85	ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	64285	10.11	ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	147249	18.66	ng/ul	97
39) 2,4,5-Trichlorophenol	12.95	196	155012	18.82	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	487202	18.26	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	383674	18.20	ng/ul	95
42) 2-Nitroaniline	13.53	65	97925	19.66	ng/ul	94
44) Dimethylphthalate	13.90	163	516137	19.48	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	107957	20.36	ng/ul	94
47) Acenaphthylene	14.17	152	602479	18.82	ng/ul	100
48) 3-Nitroaniline	14.36	138	99903	22.34	ng/ul	98
49) Acenaphthene	14.51	153	411160	18.86	ng/ul	96
50) 2,4-Dinitrophenol	14.57	184	49156	14.84	ng/ul	88
52) 4-Nitrophenol	14.68	109	64484	17.08	ng/ul	99
53) Dibenzofuran	14.84	168	598725	18.83	ng/ul	93
54) 2,4-Dinitrotoluene	14.82	165	155977	20.00	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.08	232	143167	18.73	ng/ul#	82
56) Diethylphthalate	15.27	149	505907	19.66	ng/ul	97
58) Fluorene	15.50	166	501634	18.99	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	275079	18.74	ng/ul#	88
60) 4-Nitroaniline	15.52	138	110051	21.14	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	93463	17.38	ng/ul	94
64) N-Nitrosodiphenylamine	15.70	169	442128	18.93	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	192076	19.11	ng/ul#	82
66) Hexachlorobenzene	16.50	284	212655	18.74	ng/ul#	82
67) Atrazine	16.66	200	178787	19.17	ng/ul	95
68) Pentachlorophenol	16.85	266	102036	15.73	ng/ul	98
69) Phenanthrene	17.23	178	782824	18.51	ng/ul	99
71) Anthracene	17.33	178	828515	18.90	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	220079	17.40	ng/uL	99
73) Pentachlorobenzene	14.77	250	235514	18.20	ng/uL	100
74) Carbazole	17.60	167	690655	18.89	ng/ul	98
75) Di-n-butylphthalate	18.16	149	845433	19.73	ng/ul	99
76) Fluoranthene	19.25	202	956666	18.83	ng/ul#	93
79) Pyrene	19.62	202	981402	20.27	ng/ul#	91
80) Butylbenzylphthalate	20.50	149	366054	20.73	ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.29	252	337636	18.81	ng/ul#	98
82) Benzo(a)anthracene	21.36	228	934051	19.02	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	519186	20.19	ng/ul#	95
84) Chrysene	21.41	228	826357	18.57	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	834450	22.27	ng/ul	99
87) Benzo(b)fluoranthene	22.97	252	871345	20.01	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	791145	19.12	ng/ul#	96
90) Benzo(a)pyrene	23.56	252	785332	18.96	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.97	276	848616	17.00	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.98	278	728675	17.24	ng/ul#	93
93) Benzo(g,h,i)perylene	26.68	276	692617	16.83	ng/ul#	90

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