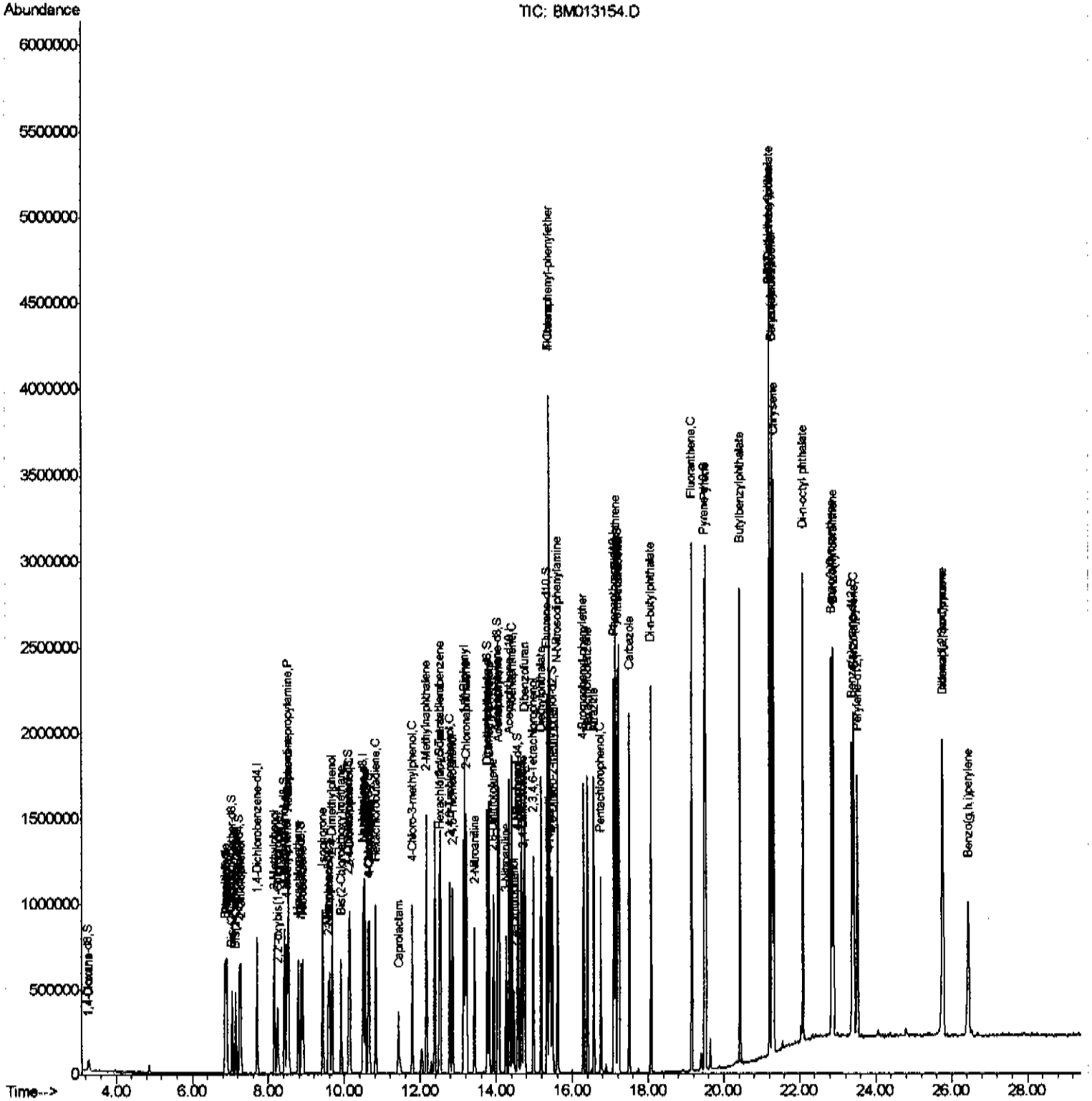
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM113017\
Data File : BM013154.D
Acq On : 30 Nov 2017 12:50
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 01 13:15:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:03:14 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV09

Manual Integrations APPROVED
Sohil
12/1/2017 3:40:49 PM



Quantitation Report (Qedit)

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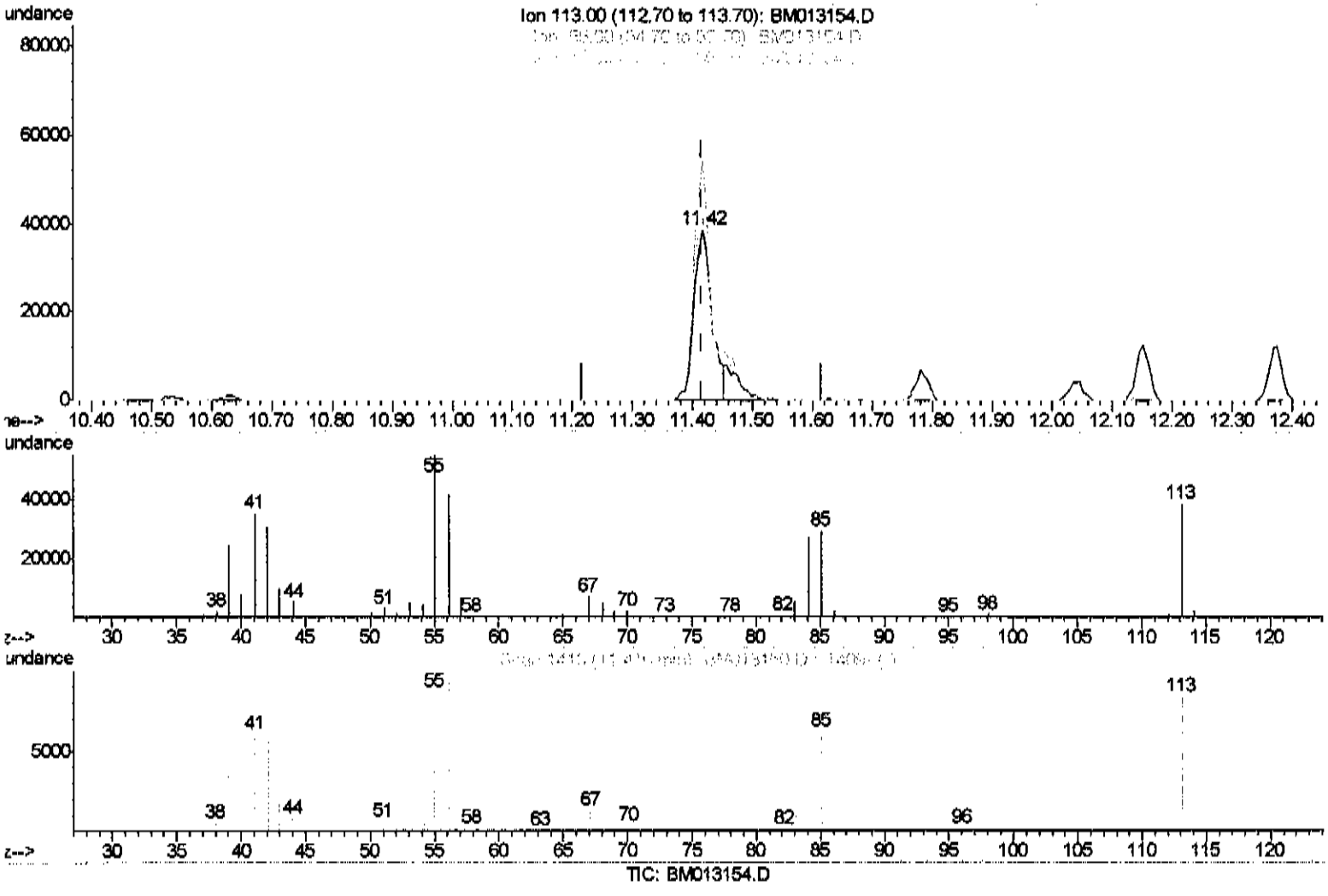

(32) Caprolactam

11.416min (-0.000) 18.06ng/ul

response 80907

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	140.96#
56.00	200.00	107.53#
0.00	0.00	0.00

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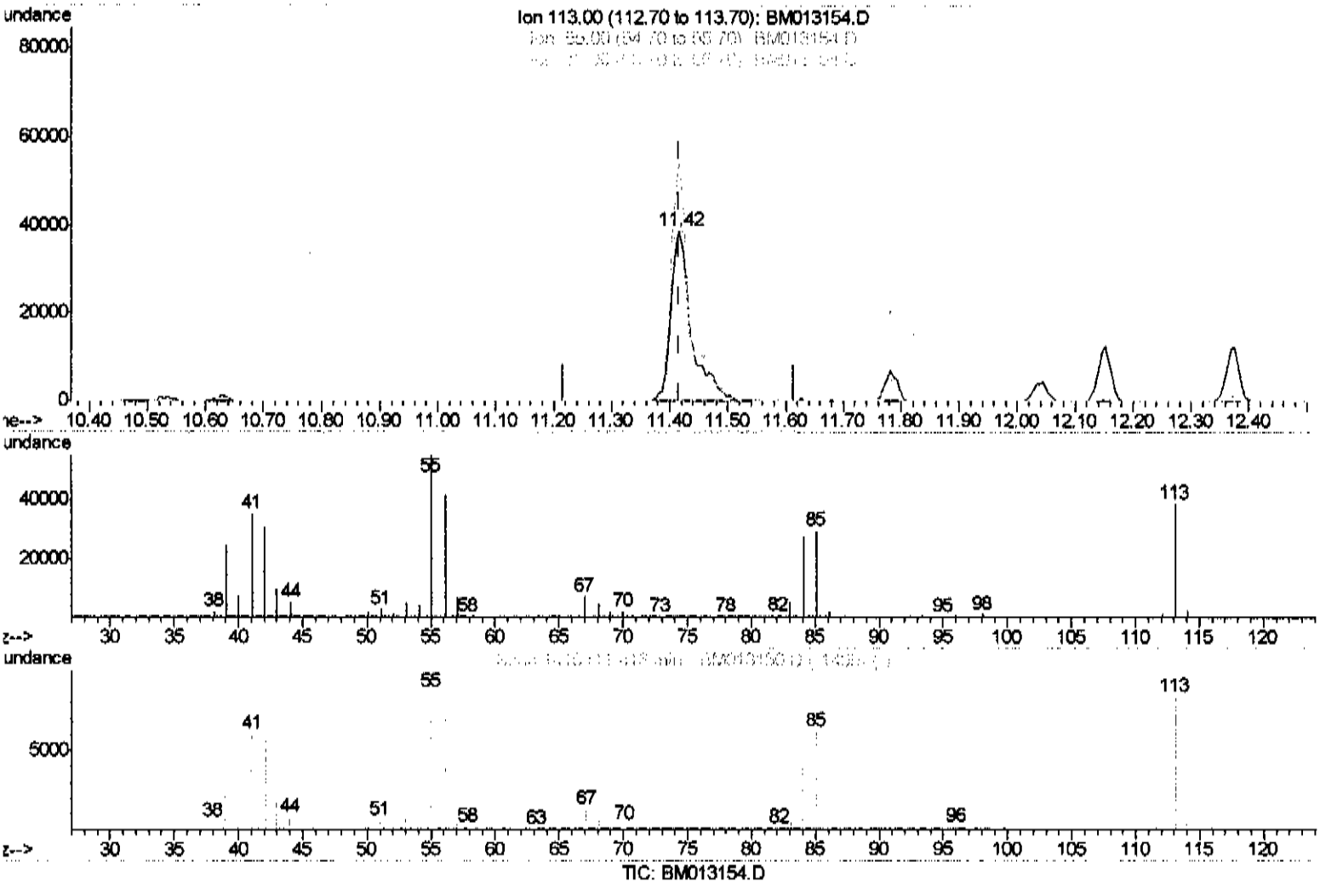

(32) Caprolactam

11.416min (-0.000) 20.87ng/ul m

JU 12/01/17

response 93487

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	140.96#
56.00	200.00	107.53#
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	7.70	152	193912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	867442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	559097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1322605	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1406079	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1143347	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	31632	8.08	ng/uL	0.00
5) Phenol-d5	6.88	99	331541	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	189416	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	260596	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	284172	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	136911	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	150406	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	306577	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	368842	26.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	980812	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1221492	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	164094	18.98	ng/ul	0.00
57) Fluorene-d10	15.34	176	823764	19.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	154310	18.55	ng/ul	0.00
70) Anthracene-d10	17.19	188	1339961	20.23	ng/ul	0.00
76) Pyrene-d10	19.49	212	1462917	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1171166	20.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	34873	7.934	ng/uL#	63
4) Benzaldehyde	6.85	77	210917	25.407	ng/ul	93
6) Phenol	6.91	94	323554	19.509	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.14	93	255733	20.167	ng/ul	94
10) 2-Chlorophenol	7.27	128	251312	19.549	ng/ul	99
11) 2-Methylphenol	8.15	108	253913	19.795	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.24	45	268304	20.151	ng/ul#	83
14) Acetophenone	8.52	105	437002	20.049	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.51	70	226616	20.640	ng/ul#	68
16) 4-Methylphenol	8.47	108	276294	20.142	ng/ul	98
17) Hexachloroethane	8.77	117	111644	19.948	ng/ul	85
20) Nitrobenzene	8.90	77	336244	19.404	ng/ul	93
21) Isophorone	9.42	82	625009	20.497	ng/ul#	91
23) 2-Nitrophenol	9.60	139	158465	20.761	ng/ul#	78
24) 2,4-Dimethylphenol	9.67	107	334317	20.082	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	9.90	93	364350	20.417	ng/ul	95
27) 2,4-Dichlorophenol	10.13	162	279752	19.962	ng/ul#	90
28) Naphthalene	10.53	128	893482	20.020	ng/ul	99
30) 4-Chloroaniline	10.65	127	360531	26.707	ng/ul	94
31) Hexachlorobutadiene	10.82	225	197932	19.499	ng/ul	94
32) Caprolactam	11.42	113	93487m	20.873	ng/ul	94
33) 4-Chloro-3-methylphenol	11.78	107	309961	20.162	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	672753	20.053	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	386353	19.151	ng/ul#	95
37) Hexachlorocyclopentadiene	12.50	237	247514	18.640	ng/ul	94
38) 2,4,6-Trichlorophenol	12.77	196	251541	20.000	ng/ul	94
39) 2,4,5-Trichlorophenol	12.84	196	262684	19.662	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	918359	19.435	ng/ul	100
41) 2-Chloronaphthalene	13.21	162	718758	19.389	ng/ul	97
42) 2-Nitroaniline	13.42	65	216446	19.929	ng/ul	92
44) Dimethylphthalate	13.80	163	932153	19.589	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	192762	19.862	ng/ul	96
47) Acenaphthylene	14.06	152	1124329	19.789	ng/ul	98
48) 3-Nitroaniline	14.26	138	182169	21.000	ng/ul	90
49) Acenaphthene	14.41	153	751912	19.427	ng/ul	96
50) 2,4-Dinitrophenol	14.46	184	93914	17.486	ng/ul	95
52) 4-Nitrophenol	14.57	109	161427	19.036	ng/ul#	80
53) Dibenzofuran	14.74	168	1100316	19.257	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	280381	19.860	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	243842	19.906	ng/ul	93
56) Diethylphthalate	15.18	149	953377	19.976	ng/ul	95
58) Fluorene	15.39	166	913911	19.334	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	489549	19.082	ng/ul	95
60) 4-Nitroaniline	15.42	138	198804	19.424	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.47	198	160487	19.302	ng/ul#	93
64) N-Nitrosodiphenylamine	15.61	169	788024	20.226	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	309019	19.875	ng/ul	94
66) Hexachlorobenzene	16.39	284	344062	20.067	ng/ul#	90
67) Atrazine	16.56	200	313898	21.828	ng/ul	96
68) Pentachlorophenol	16.74	266	186854	18.842	ng/ul	97
69) Phenanthrene	17.13	178	1487368	19.795	ng/ul	99
71) Anthracene	17.22	178	1517285	19.755	ng/ul	99
72) Carbazole	17.50	167	1296821	19.630	ng/ul	99
73) Di-n-butylphthalate	18.07	149	1593797	20.666	ng/ul	99
74) Fluoranthene	19.15	202	1807821	19.633	ng/ul#	94
77) Pyrene	19.52	202	1805973	21.141	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	739859	22.167	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.20	252	600475	20.315	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	1778432	19.935	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1068556	21.240	ng/ul	99
82) Chrysene	21.32	228	1639480	19.809	ng/ul	98
84) Di-n-octyl phthalate	22.08	149	1714423	21.087	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1556153	20.190	ng/ul#	97
86) Benzo(k)fluoranthene	22.88	252	1515683	20.897	ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1393636	20.129	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.74	276	1299704	18.919	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.76	278	1111824	19.007	ng/ul#	98
91) Benzo(g,h,i)perylene	26.43	276	1029425	18.997	ng/ul#	95

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