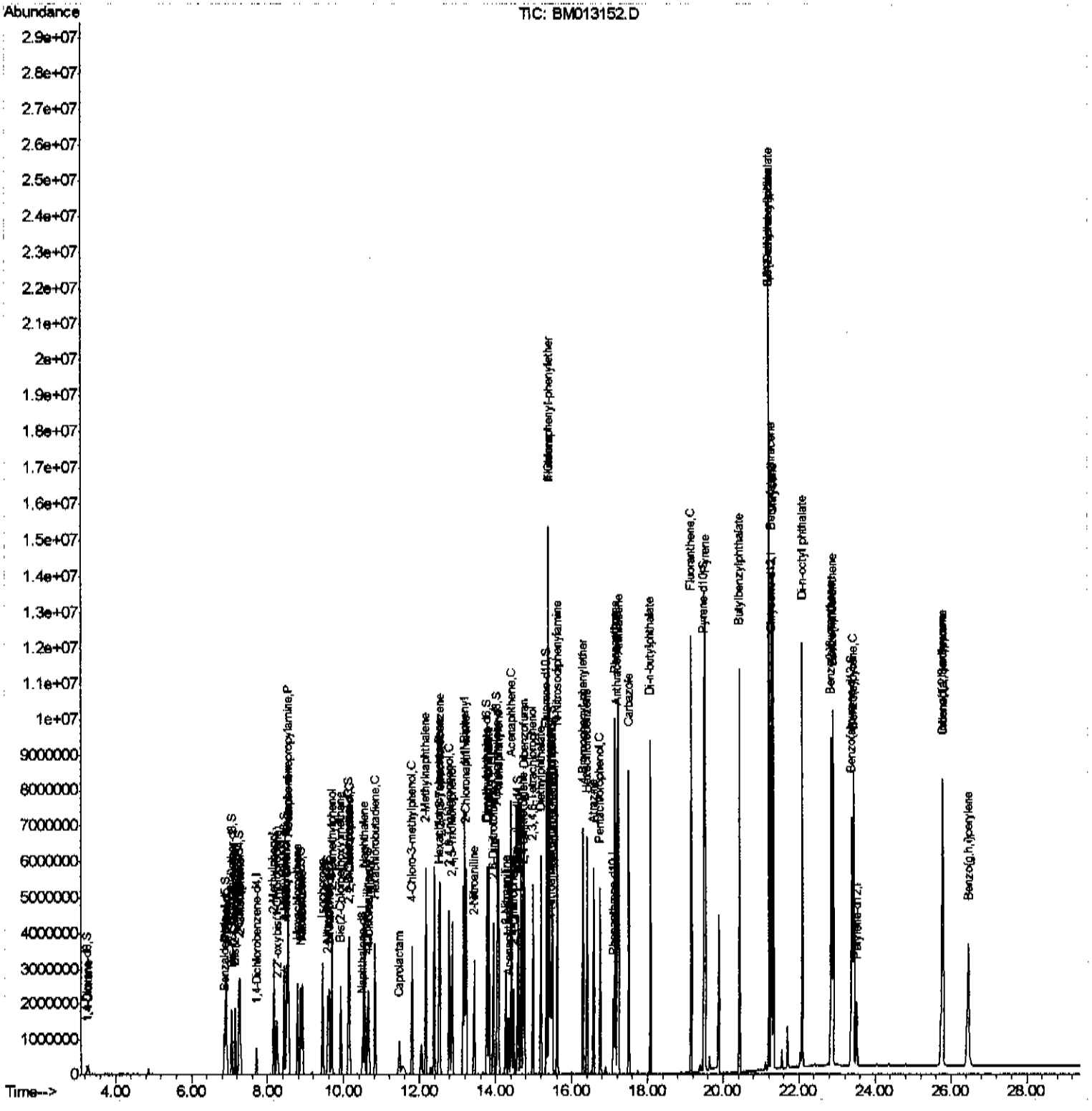
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
Data File : BM013152.D
Acq On : 30 Nov 2017 11:24
Operator : SJ/JU
Sample : SSTD08007
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 30 12:06:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 30 11:45:02 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08007

Manual Integrations APPROVED
Sohil
12/1/2017 3:40:44 PM



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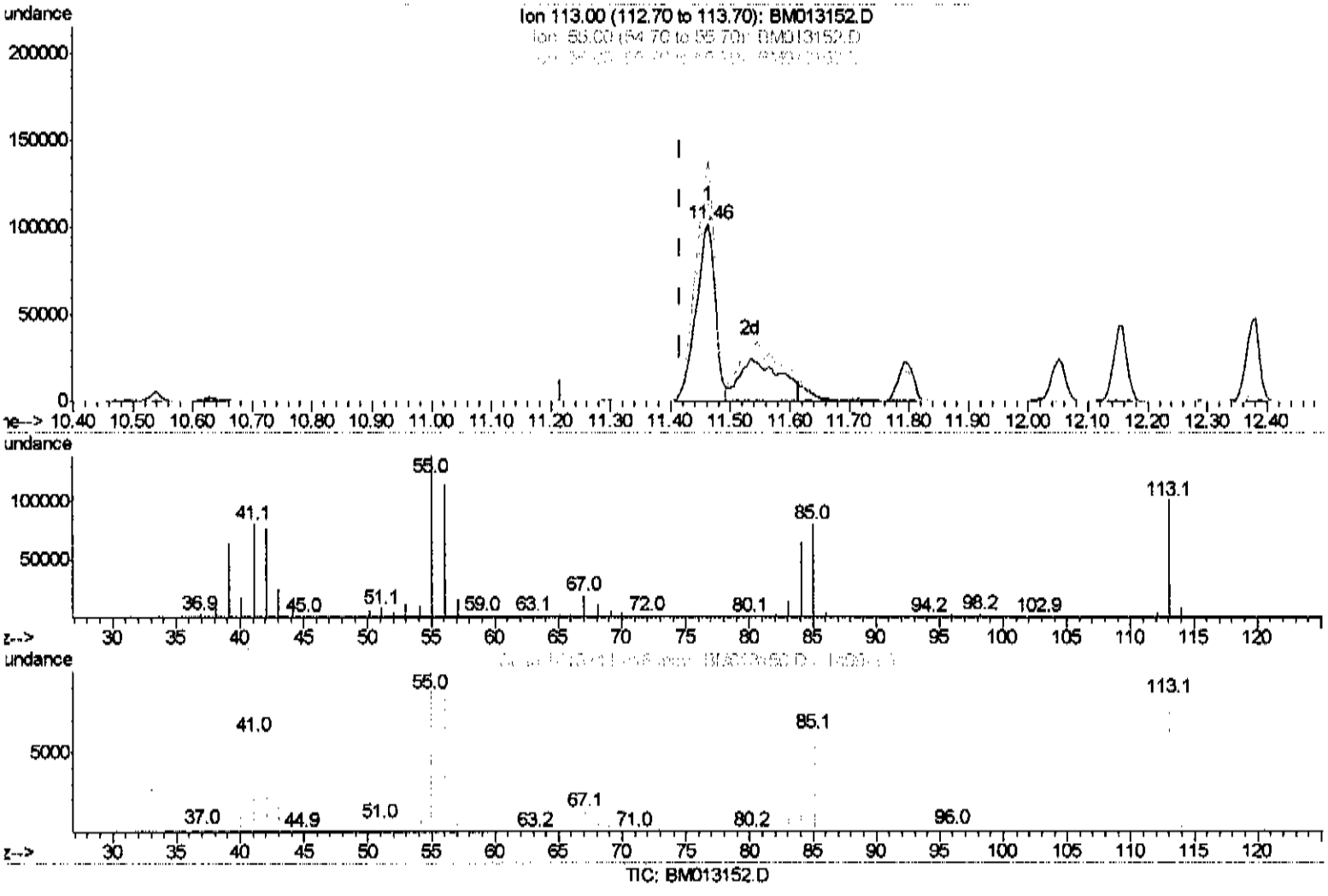

(32) Caprolactam

11.463min (+0.047) 54.47ng/ul

response 227556

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	136.62#
56.00	200.00	113.35#
0.00	0.00	0.00

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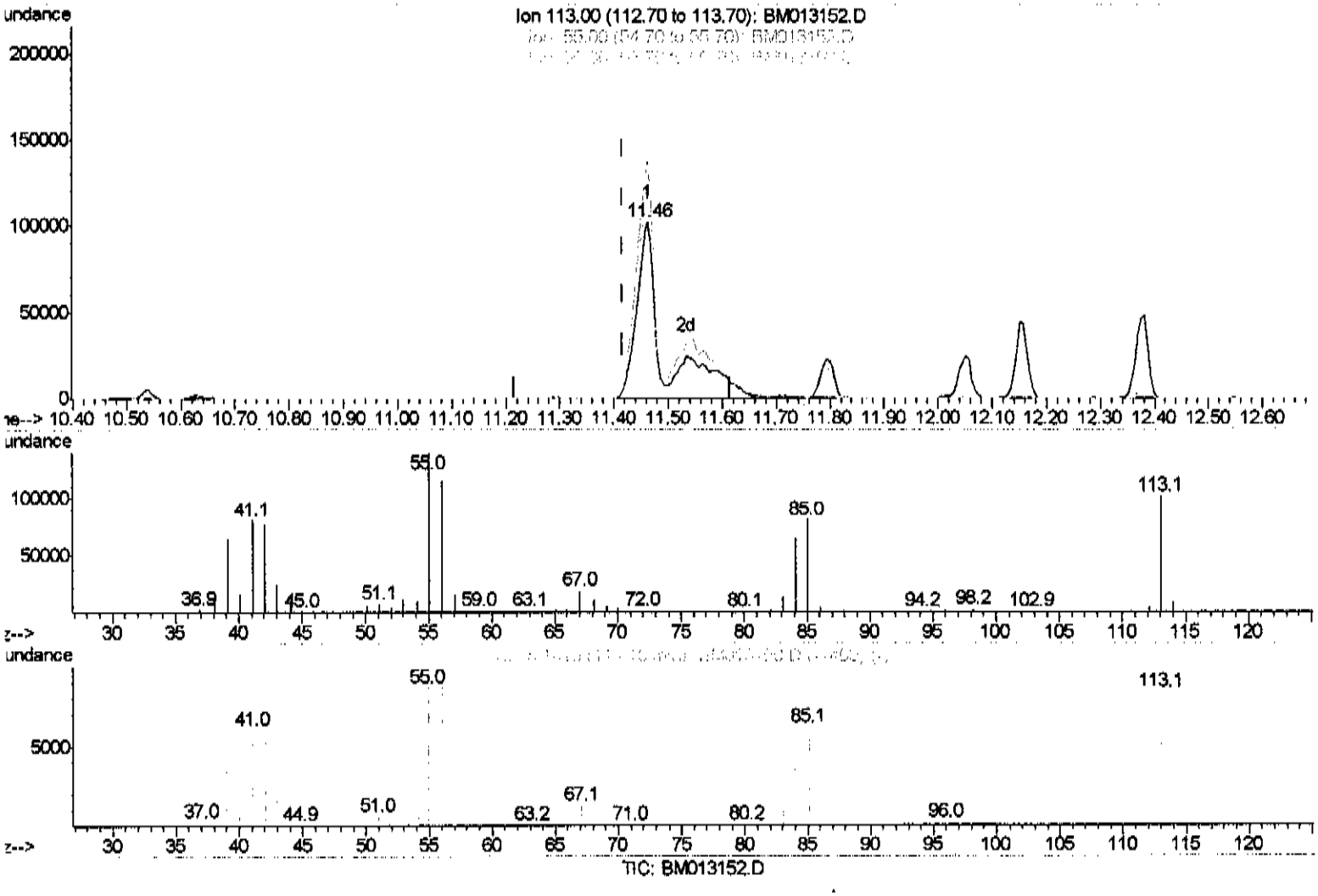

(32) Caprolactam

11.463min (+0.047) 86.32ng/ul m SJ 12/01/17

response 360633

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	136.62#
56.00	200.00	113.35#
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	186183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	831994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	515825	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1256829	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1400195	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1215086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	117409	29.21	ng/uL	0.00
5) Phenol-d5	6.89	99	1361389	84.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	750038	81.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1087210	84.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	1150053	87.06	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	555135	93.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	614630	108.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1236386	86.35	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	952170	63.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	3796552	83.91	ng/ul	0.01
46) Acenaphthylene-d8	14.04	160	4789669	83.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	690733	100.65	ng/ul	0.02
57) Fluorene-d10	15.34	176	3283651	85.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	707154	129.77	ng/ul	0.01
70) Anthracene-d10	17.20	188	5256091	81.69	ng/ul	0.01
76) Pyrene-d10	19.49	212	5984043	83.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	5288923	85.84	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	126581	28.665	ng/uL#	64
4) Benzaldehyde	6.86	77	366630	42.184	ng/ul	88
6) Phenol	6.92	94	1336861	83.987	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.15	93	995720	83.085	ng/ul	99
10) 2-Chlorophenol	7.28	128	1062223	83.262	ng/ul	94
11) 2-Methylphenol	8.16	108	1027690	85.059	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1051205	77.317	ng/ul#	81
14) Acetophenone	8.53	105	1732533	85.575	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.53	70	861248	82.942	ng/ul#	70
16) 4-Methylphenol	8.49	108	1108088	86.365	ng/ul	95
17) Hexachloroethane	8.77	117	440837	81.592	ng/ul	81
20) Nitrobenzene	8.91	77	1316924	88.889	ng/ul	95
21) Isophorone	9.44	82	2415310	79.560	ng/ul#	93
23) 2-Nitrophenol	9.61	139	628459	102.386	ng/ul#	82
24) 2,4-Dimethylphenol	9.68	107	1330398	82.394	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.92	93	1398735	80.294	ng/ul	94
27) 2,4-Dichlorophenol	10.15	162	1142349	85.861	ng/ul#	92
28) Naphthalene	10.54	128	3470168	80.946	ng/ul	99
30) 4-Chloroaniline	10.65	127	932954	65.002	ng/ul	94
31) Hexachlorobutadiene	10.82	225	772118	80.596	ng/ul	94
32) Caprolactam	11.46	113	360633m	86.322	ng/ul	>
33) 4-Chloro-3-methylphenol	11.80	107	1231843	86.926	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	2628929	83.815	ng/ul	96

> JU 12/07/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	1529062	81.494	ng/ul	95
37) Hexachlorocyclopentadiene	12.50	237	1058705	76.298	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	1018113	90.039	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	1068277	90.357	ng/ul	99
40) 1,1'-Biphenyl	13.18	154	3548769	81.655	ng/ul	98
41) 2-Chloronaphthalene	13.22	162	2795081	81.143	ng/ul	99
42) 2-Nitroaniline	13.43	65	866293	118.419	ng/ul	93
44) Dimethylphthalate	13.82	163	3620173	83.672	ng/ul	100
45) 2,6-Dinitrotoluene	13.94	165	785048	118.917	ng/ul	97
47) Acenaphthylene	14.07	152	4394866	82.752	ng/ul	99
48) 3-Nitroaniline	14.27	138	691190	111.784	ng/ul	86
49) Acenaphthene	14.42	153	2962304	82.998	ng/ul	98
50) 2,4-Dinitrophenol	14.47	184	461218	145.937	ng/ul	92
52) 4-Nitrophenol	14.60	109	659992	106.128	ng/ul#	77
53) Dibenzofuran	14.75	168	4299578	84.099	ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	1133766	122.775	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.98	232	1003497	101.355	ng/ul	92
56) Diethylphthalate	15.19	149	3728953	85.246	ng/ul	95
58) Fluorene	15.40	166	3647633	86.634	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	1941672	87.294	ng/ul	98
60) 4-Nitroaniline	15.44	138	777314	95.594	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.49	198	699279	118.149	ng/ul#	94
64) N-Nitrosodiphenylamine	15.62	169	3130631	79.340	ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	1261251	82.853	ng/ul	93
66) Hexachlorobenzene	16.40	284	1336446	81.347	ng/ul#	90
67) Atrazine	16.57	200	1110600	73.481	ng/ul	92
68) Pentachlorophenol	16.74	266	832405	98.239	ng/ul	97
69) Phenanthrene	17.14	178	5922707	83.781	ng/ul	99
71) Anthracene	17.23	178	6037163	82.306	ng/ul	99
72) Carbazole	17.50	167	5163884	81.409	ng/ul	99
73) Di-n-butylphthalate	18.07	149	6480614	80.207	ng/ul	98
74) Fluoranthene	19.16	202	7286177	85.273	ng/ul#	92
77) Pyrene	19.52	202	7174341	82.287	ng/ul#	91
78) Butylbenzylphthalate	20.43	149	3106645	85.756	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.20	252	2552637	88.700	ng/ul#	95
80) Benzo(a)anthracene	21.27	228	7358187	82.111	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	4760368	89.160	ng/ul#	98
82) Chrysene	21.32	228	6754009	81.277	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	7592900	94.826	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	7128635	90.782	ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	6569126	90.867	ng/ul#	98
88) Benzo(a)pyrene	23.42	252	6253255	85.510	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	6098152	71.390	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.77	278	5223589	72.188	ng/ul#	96
91) Benzo(g,h,i)perylene	26.44	276	4701015	66.234	ng/ul#	95

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