Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112818\
Data File : BM017767.D
Acq On : 28 Nov 2018 09:44
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 11:43:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02067

Manual Integrations APPROVED
mohammad
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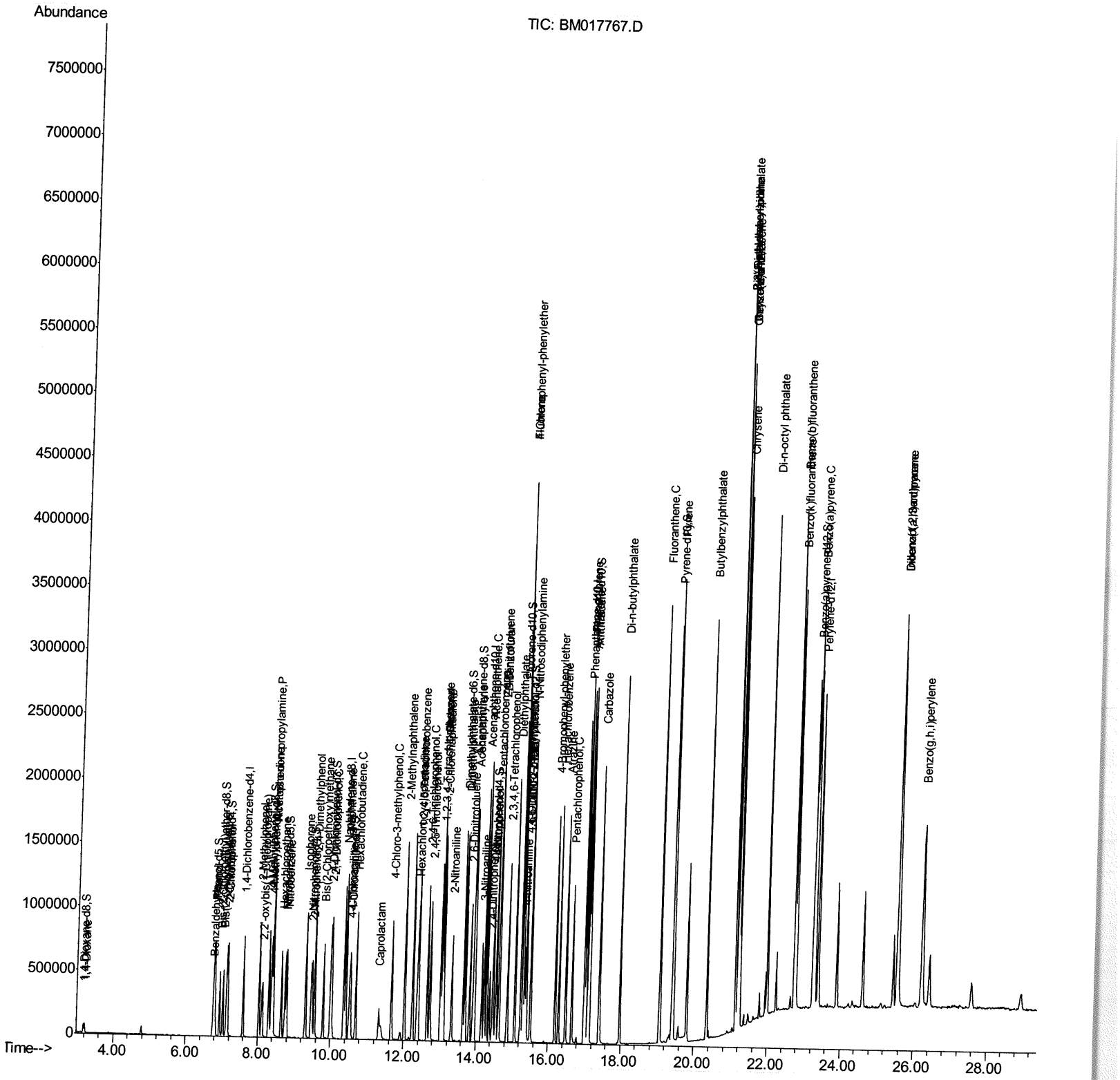

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Quant Time: Nov 28 11:35:53 2018
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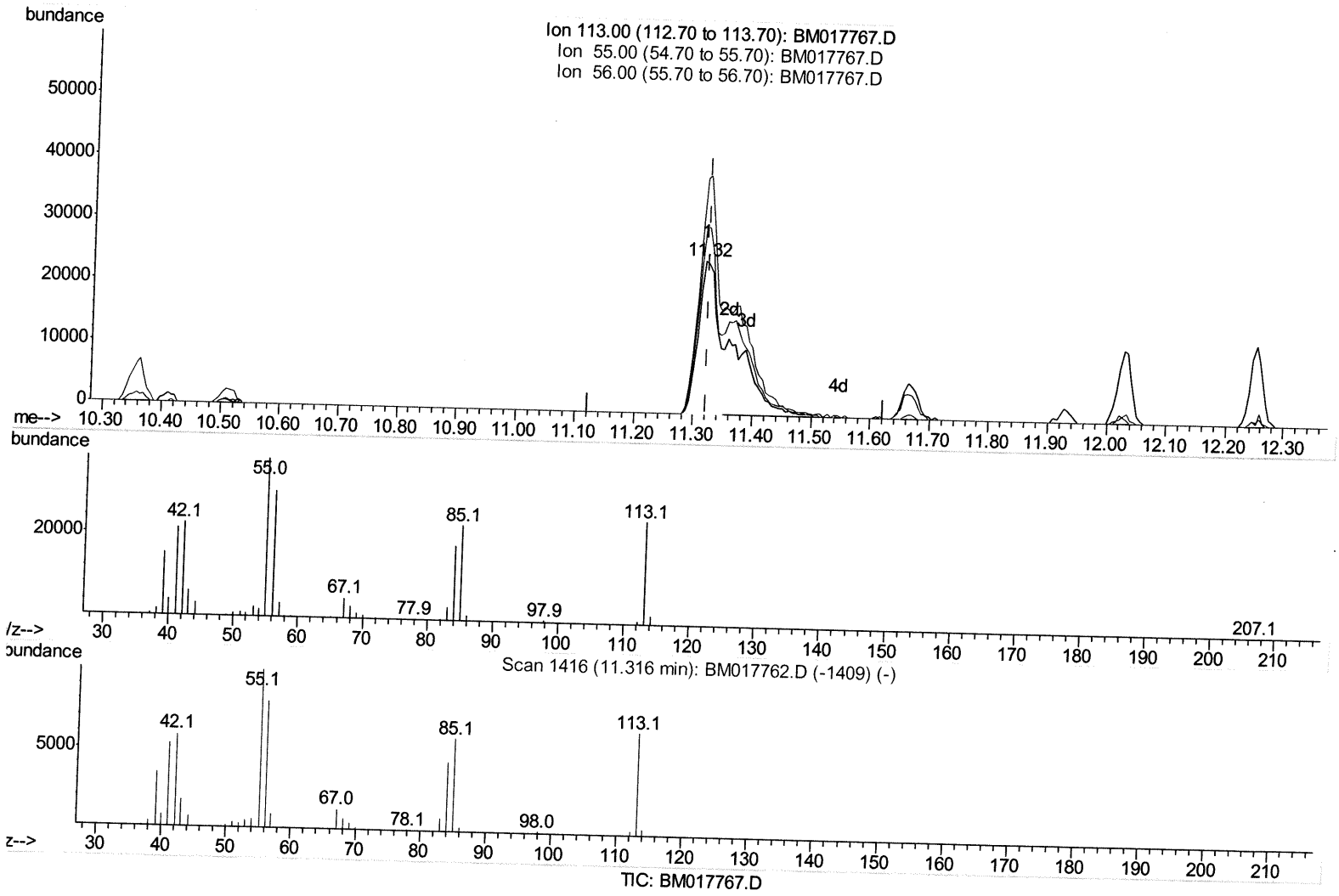

(32) Caprolactam

11.316min (-0.006) 11.33ng/ul

response 57690

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	153.62
56.00	110.30	122.72
0.00	0.00	0.00

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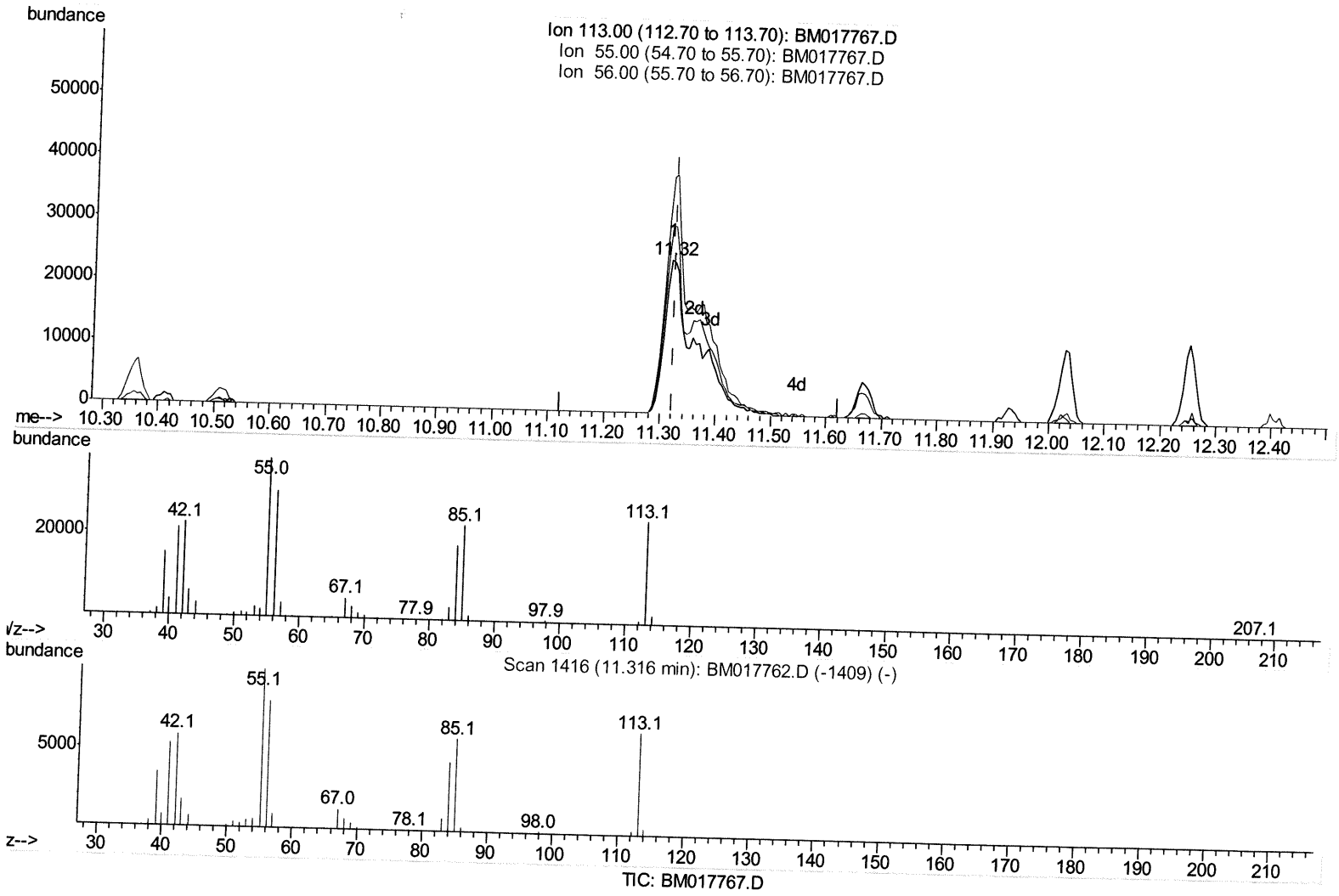

(32) Caprolactam

11.316min (-0.006) 18.77ng/ul m

response 95594

JU 11/29/18

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	153.62
56.00	110.30	122.72
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	7.59	152	209607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	973117	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	611212	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1452476	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1709343	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1710362	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	33589	7.33	ng/uL	0.00
5) Phenol-d5	6.78	99	370251	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	224399	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	299550	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	305261	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	145944	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	170613	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	325878	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	289742	20.71	ng/ul	-0.01
43) Dimethylphthalate-d6	13.66	166	1044518	19.70	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1288845	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	171813	17.82	ng/ul	0.00
57) Fluorene-d10	15.24	176	903753	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	194926	18.77	ng/ul	0.00
70) Anthracene-d10	17.09	188	1439123	19.90	ng/ul	0.00
78) Pyrene-d10	19.40	212	1633441	19.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1844367	19.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	34168	6.992	ng/uL	91
4) Benzaldehyde	6.75	77	64412	18.045	ng/ul	96
6) Phenol	6.80	94	370380	19.383	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	283342	19.409	ng/ul	99
10) 2-Chlorophenol	7.16	128	295415	19.740	ng/ul	96
11) 2-Methylphenol	8.03	108	281317	19.296	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	331639	19.255	ng/ul	99
14) Acetophenone	8.41	105	486251	19.944	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	254854	20.042	ng/ul	98
16) 4-Methylphenol	8.36	108	305736	19.407	ng/ul	100
17) Hexachloroethane	8.65	117	117970	19.443	ng/ul	94
20) Nitrobenzene	8.79	77	373351	19.901	ng/ul	99
21) Isophorone	9.31	82	687333	19.694	ng/ul	99
23) 2-Nitrophenol	9.49	139	173800	19.500	ng/ul	99
24) 2,4-Dimethylphenol	9.55	107	375842	20.186	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	413312	19.353	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	307557	19.978	ng/ul	98
28) Naphthalene	10.41	128	994721	19.619	ng/ul	99
30) 4-Chloroaniline	10.53	127	299624	20.990	ng/ul	99
31) Hexachlorobutadiene	10.69	225	204009	19.954	ng/ul	97
32) Caprolactam	11.32	113	95594m	18.769	ng/ul	99
33) 4-Chloro-3-methylphenol	11.67	107	345770	19.777	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	744369	19.667	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	403354	19.778 ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	240721	18.303 ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	266506	20.107 ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	277389	19.568 ng/ul	98
40) 1,1'-Biphenyl	13.06	154	983060	19.538 ng/ul	98
41) 2-Chloronaphthalene	13.10	162	781338	19.852 ng/ul	99
42) 2-Nitroaniline	13.33	65	236536	20.638 ng/ul	97
44) Dimethylphthalate	13.70	163	1008835	19.635 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	204925	20.297 ng/ul	98
47) Acenaphthylene	13.96	152	1194035	19.920 ng/ul	99
48) 3-Nitroaniline	14.16	138	192259	19.961 ng/ul	98
49) Acenaphthene	14.30	153	861067	19.932 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	116806	17.064 ng/ul	96
52) 4-Nitrophenol	14.48	109	157338	19.839 ng/ul	93
53) Dibenzofuran	14.64	168	1219325	19.946 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	311368	20.369 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	258418	19.771 ng/ul	98
56) Diethylphthalate	15.08	149	1060909	20.044 ng/ul	99
58) Fluorene	15.29	166	1016418	19.938 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	518362	19.795 ng/ul	97
60) 4-Nitroaniline	15.34	138	196699	18.370 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	198417	18.542 ng/ul	93
64) N-Nitrosodiphenylamine	15.52	169	886274	19.819 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	323887	19.514 ng/ul	97
66) Hexachlorobenzene	16.29	284	362972	19.675 ng/ul	96
67) Atrazine	16.48	200	324513	19.564 ng/ul	99
68) Pentachlorophenol	16.64	266	213514	18.603 ng/ul	99
69) Phenanthrene	17.03	178	1662648	20.017 ng/ul	99
71) Anthracene	17.13	178	1708909	20.118 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	392053	19.047 ng/uL	99
73) Pentachlorobenzene	14.56	250	412607	19.598 ng/uL	98
74) Carbazole	17.41	167	1482298	19.804 ng/ul	100
75) Di-n-butylphthalate	17.97	149	1874811	19.820 ng/ul	100
76) Fluoranthene	19.06	202	1977407	20.240 ng/ul	99
79) Pyrene	19.43	202	2058781	19.841 ng/ul	99
80) Butylbenzylphthalate	20.34	149	876568	19.756 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	680276	19.333 ng/ul	99
82) Benzo(a)anthracene	21.19	228	2102490	19.831 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1337476	20.356 ng/ul	100
84) Chrysene	21.23	228	1974611	19.914 ng/ul	100
86) Di-n-octyl phthalate	21.99	149	2296000	19.166 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2155017	20.270 ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1978574	19.149 ng/ul	99
90) Benzo(a)pyrene	23.29	252	2002692	19.864 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	2131830	19.956 ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	1764861	19.567 ng/ul	98
93) Benzo(g,h,i)perylene	26.23	276	1756376	20.343 ng/ul	99

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