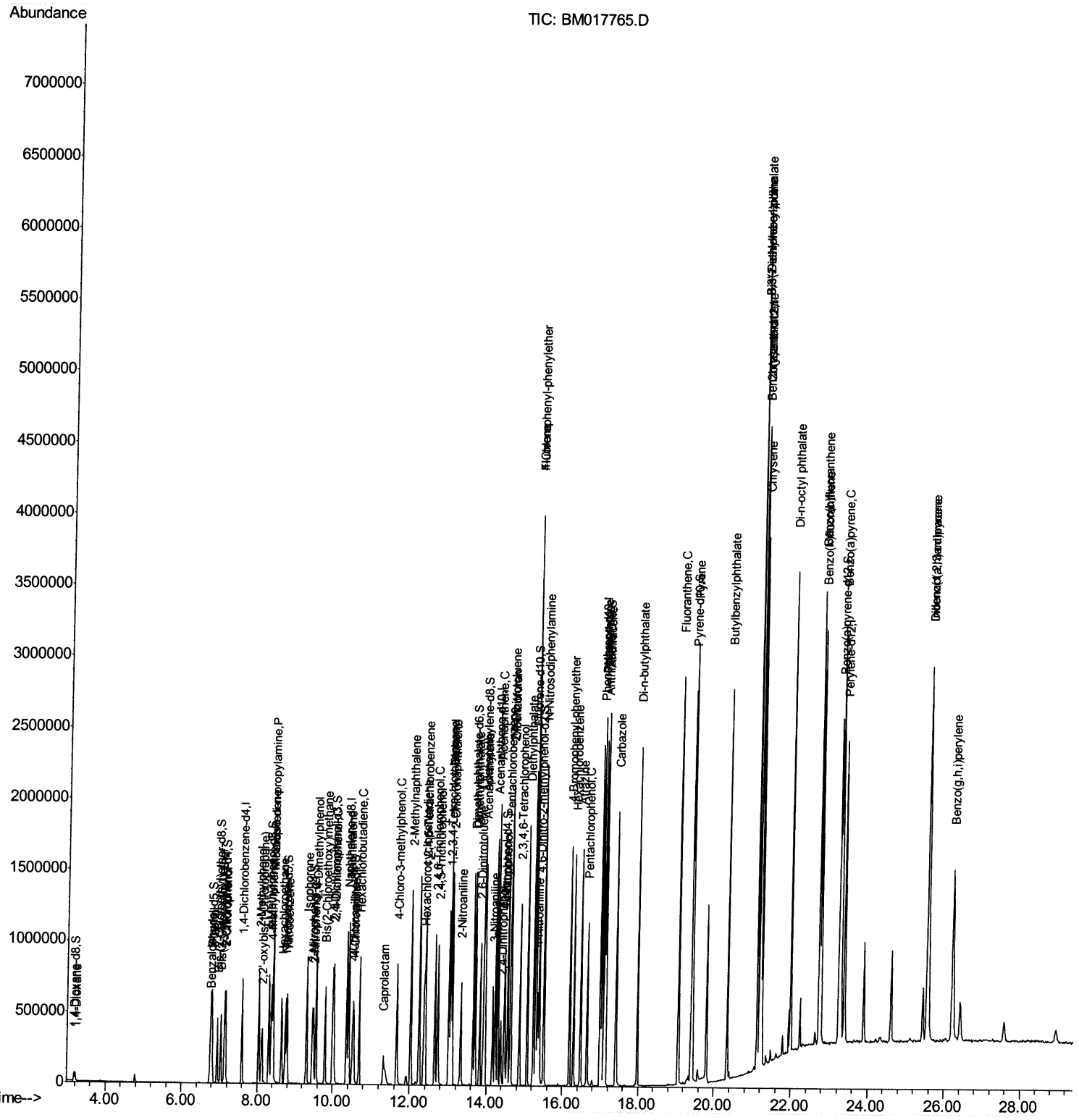
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017765.D
Acq On : 26 Nov 2018 12:30
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 15:41:20 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 :
SSTD02066

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:41 AM



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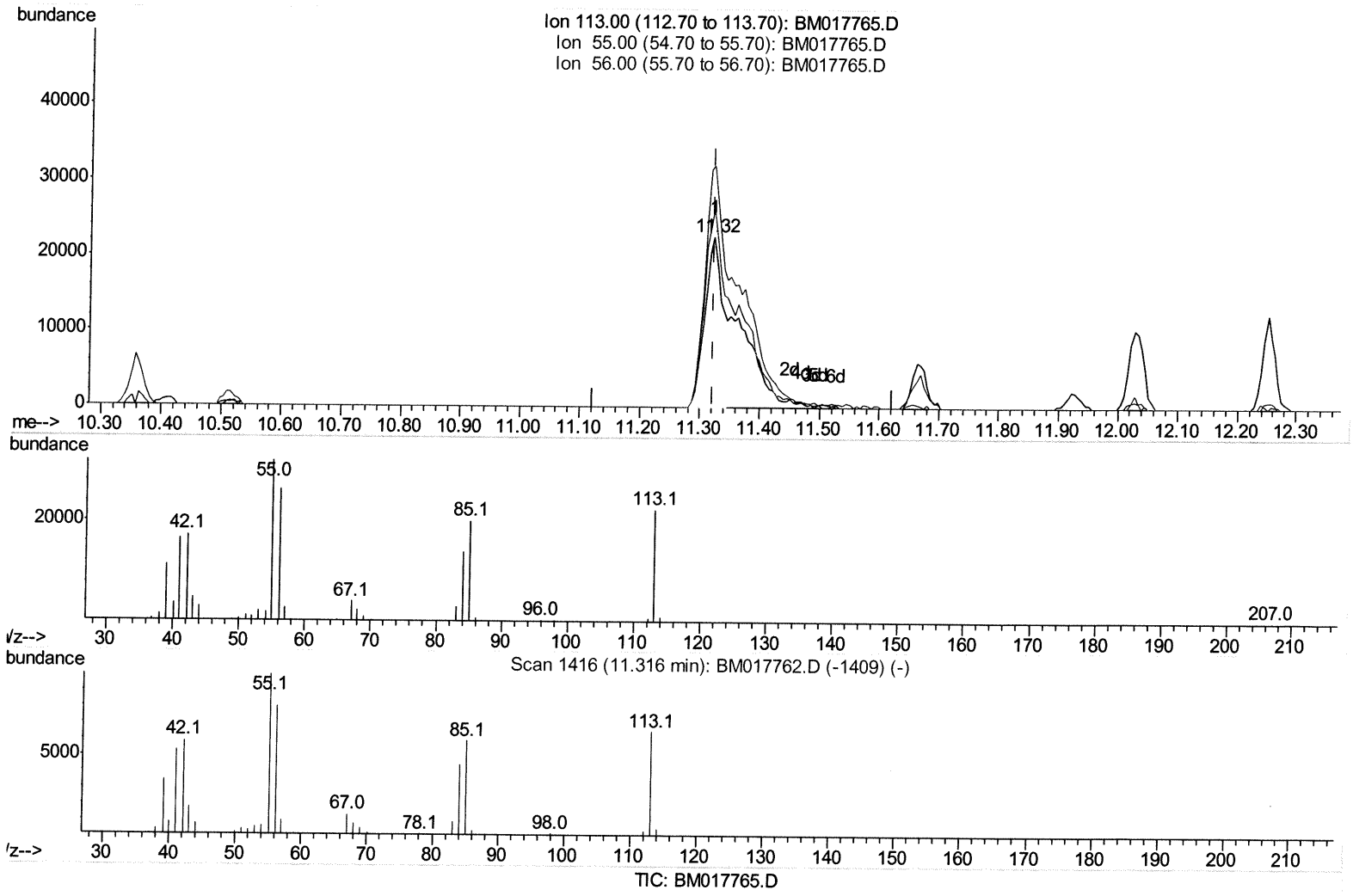

(32) Caprolactam

11.322min (-0.000) 10.59ng/ul

response 47395

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	141.84
56.00	110.30	116.52
0.00	0.00	0.00

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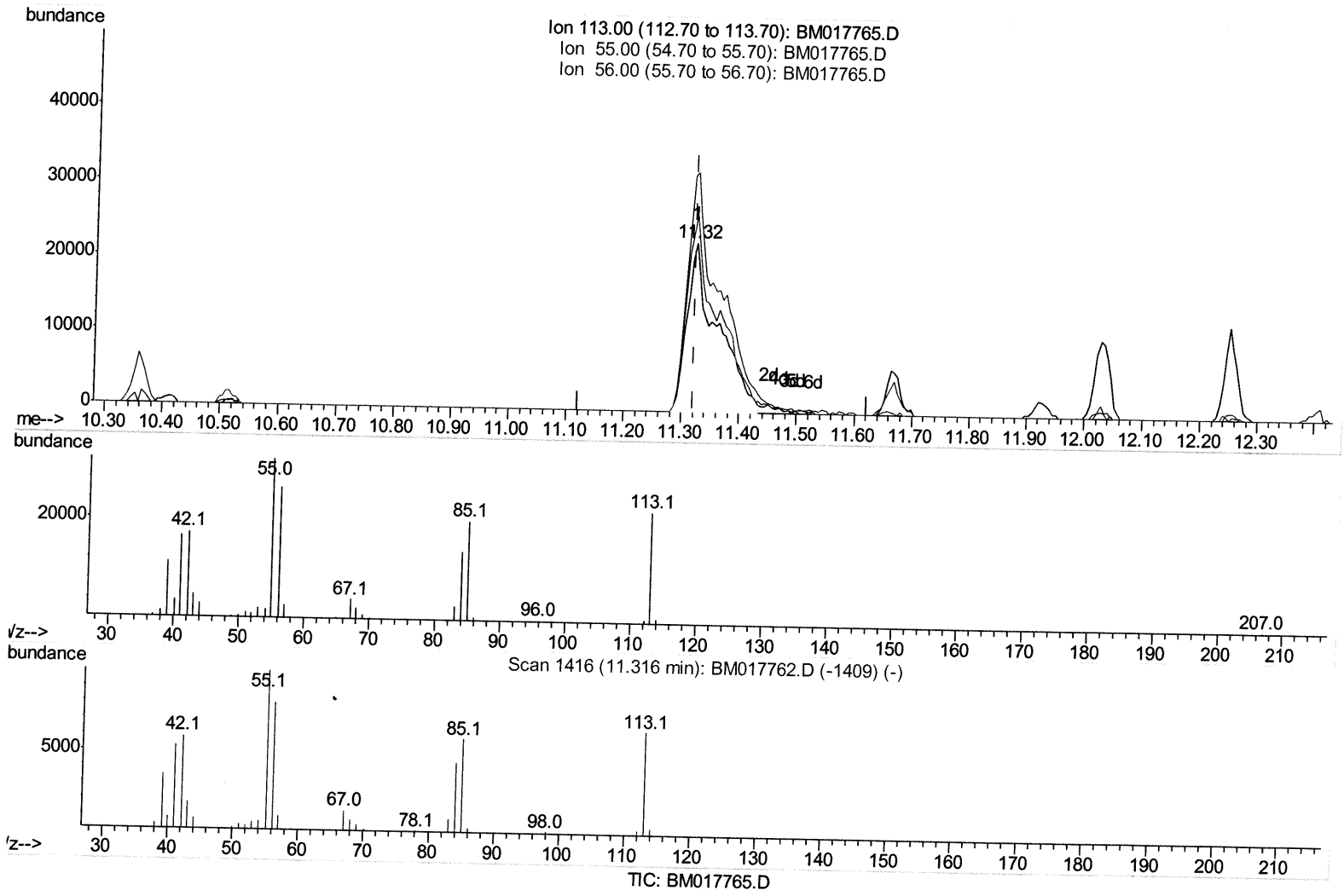

(32) Caprolactam

11.322min (-0.000) 18.61ng/ul m

JJe 11/27/18

response 83313

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	141.84
56.00	110.30	116.52
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	7.59	152	186943	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	855313	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	553851	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1298233	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1538001	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1522349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	31396	7.69	ng/uL	0.00
5) Phenol-d5	6.77	99	335033	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	200583	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	265135	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	277565	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	133773	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	152795	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	289357	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	254537	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	928001	19.31	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1144158	19.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	156003	17.85	ng/ul	0.00
57) Fluorene-d10	15.24	176	816339	19.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	171361	18.46	ng/ul	0.00
70) Anthracene-d10	17.09	188	1287863	19.93	ng/ul	0.00
78) Pyrene-d10	19.39	212	1447299	19.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1625604	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	33299	7.641	ng/uL	96
4) Benzaldehyde	6.76	77	64957	20.403	ng/ul	96
6) Phenol	6.80	94	336422	19.741	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	255244	19.604	ng/ul	99
10) 2-Chlorophenol	7.16	128	267892	20.071	ng/ul	98
11) 2-Methylphenol	8.04	108	257989	19.842	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	297157	19.345	ng/ul	100
14) Acetophenone	8.42	105	438989	20.189	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	229730	20.257	ng/ul	98
16) 4-Methylphenol	8.36	108	279918	19.922	ng/ul	97
17) Hexachloroethane	8.65	117	108211	19.996	ng/ul	96
20) Nitrobenzene	8.79	77	337893	20.491	ng/ul	99
21) Isophorone	9.31	82	619158	20.184	ng/ul	99
23) 2-Nitrophenol	9.49	139	160356	20.469	ng/ul	95
24) 2,4-Dimethylphenol	9.56	107	339949	20.773	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	374995	19.977	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	281504	20.805	ng/ul	99
28) Naphthalene	10.41	128	885591	19.873	ng/ul	100
30) 4-Chloroaniline	10.54	127	258372	20.593	ng/ul	97
31) Hexachlorobutadiene	10.69	225	181206	20.165	ng/ul	98
32) Caprolactam	11.32	113	83313m	18.611	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	316622	20.604	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	675835	20.315	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	359991	19.480	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	213400	17.906	ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	234638	19.536	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	252501	19.657	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	878330	19.265	ng/ul	100
41) 2-Chloronaphthalene	13.10	162	697016	19.544	ng/ul	98
42) 2-Nitroaniline	13.33	65	209589	20.181	ng/ul	98
44) Dimethylphthalate	13.70	163	909537	19.535	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	185743	20.303	ng/ul	96
47) Acenaphthylene	13.96	152	1069379	19.688	ng/ul	99
48) 3-Nitroaniline	14.16	138	168310	19.285	ng/ul	98
49) Acenaphthene	14.30	153	770065	19.672	ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	105742	17.047	ng/ul	97
52) 4-Nitrophenol	14.48	109	137453	19.127	ng/ul	95
53) Dibenzofuran	14.64	168	1096245	19.790	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	279623	20.186	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	239294	20.204	ng/ul	98
56) Diethylphthalate	15.08	149	946374	19.732	ng/ul	100
58) Fluorene	15.29	166	915794	19.825	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	466602	19.664	ng/ul	99
60) 4-Nitroaniline	15.34	138	177141	18.257	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	177895	18.599	ng/ul	97
64) N-Nitrosodiphenylamine	15.51	169	797405	19.950	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	293118	19.759	ng/ul	97
66) Hexachlorobenzene	16.29	284	322908	19.583	ng/ul	96
67) Atrazine	16.47	200	289018	19.494	ng/ul	99
68) Pentachlorophenol	16.64	266	188737	18.398	ng/ul	98
69) Phenanthrene	17.03	178	1474571	19.862	ng/ul	99
71) Anthracene	17.13	178	1520351	20.024	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	355855	19.342	ng/uL	100
73) Pentachlorobenzene	14.56	250	367852	19.549	ng/uL	99
74) Carbazole	17.41	167	1326106	19.822	ng/ul	100
75) Di-n-butylphthalate	17.97	149	1663309	19.673	ng/ul	100
76) Fluoranthene	19.06	202	1770248	20.272	ng/ul	99
79) Pyrene	19.43	202	1832600	19.629	ng/ul	100
80) Butylbenzylphthalate	20.34	149	787863	19.735	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	607815	19.198	ng/ul	98
82) Benzo(a)anthracene	21.18	228	1892960	19.843	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	1193484	20.189	ng/ul	100
84) Chrysene	21.23	228	1792635	20.093	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	2024842	18.990	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1850112	19.551	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	1807824	19.657	ng/ul	99
90) Benzo(a)pyrene	23.29	252	1756587	19.575	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	1837211	19.322	ng/ul	100
92) Dibenzo(a,h)anthracene	25.57	278	1524433	18.989	ng/ul	99
93) Benzo(g,h,i)perylene	26.22	276	1495333	19.459	ng/ul	99

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