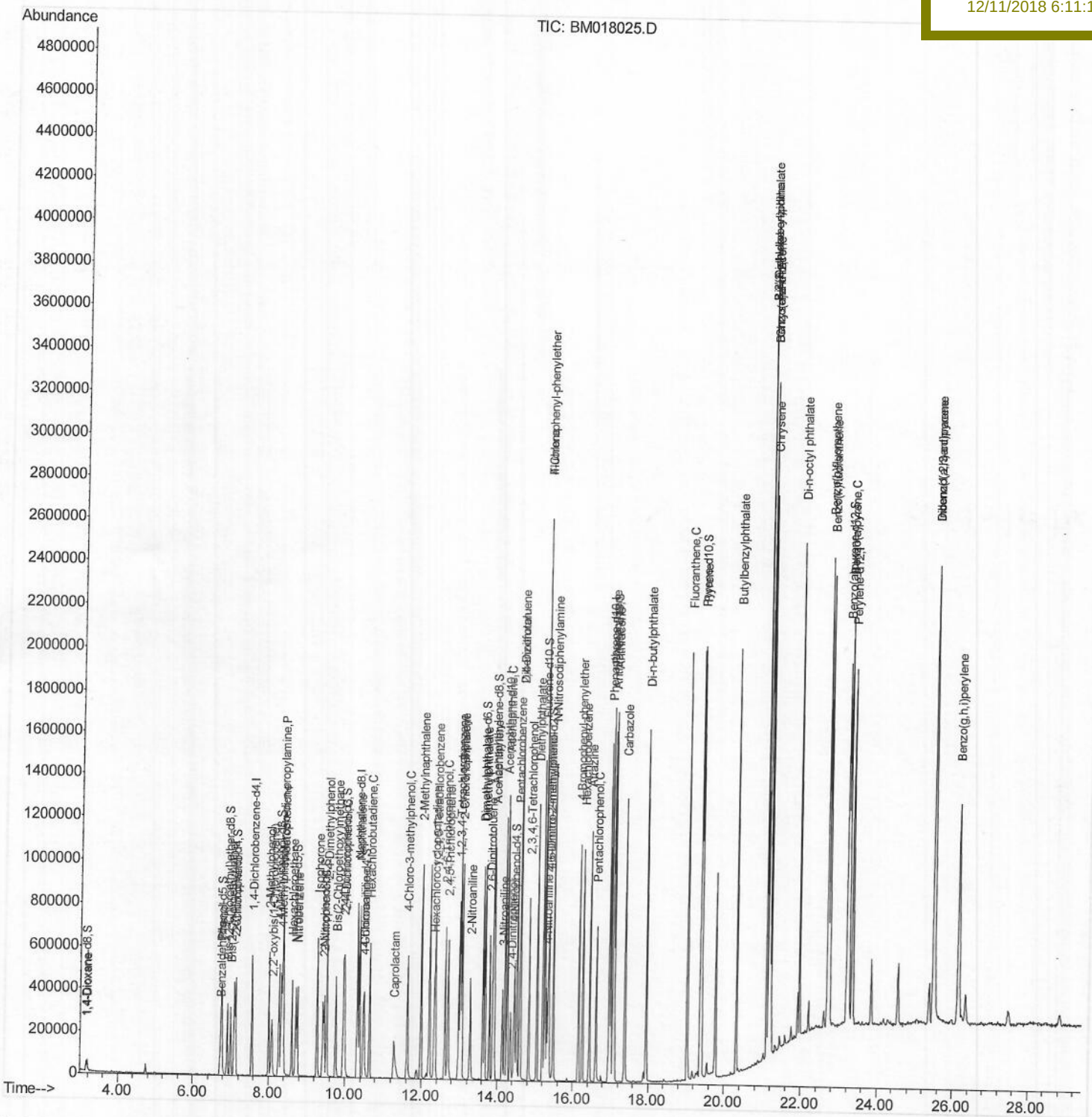
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121018\
Data File : BM018025.D
Acq On : 10 Dec 2018 13:37
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 06:17:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 10 03:53:59 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02086

Manual Integrations APPROVED
Sohil
12/11/2018 6:11:12 PM



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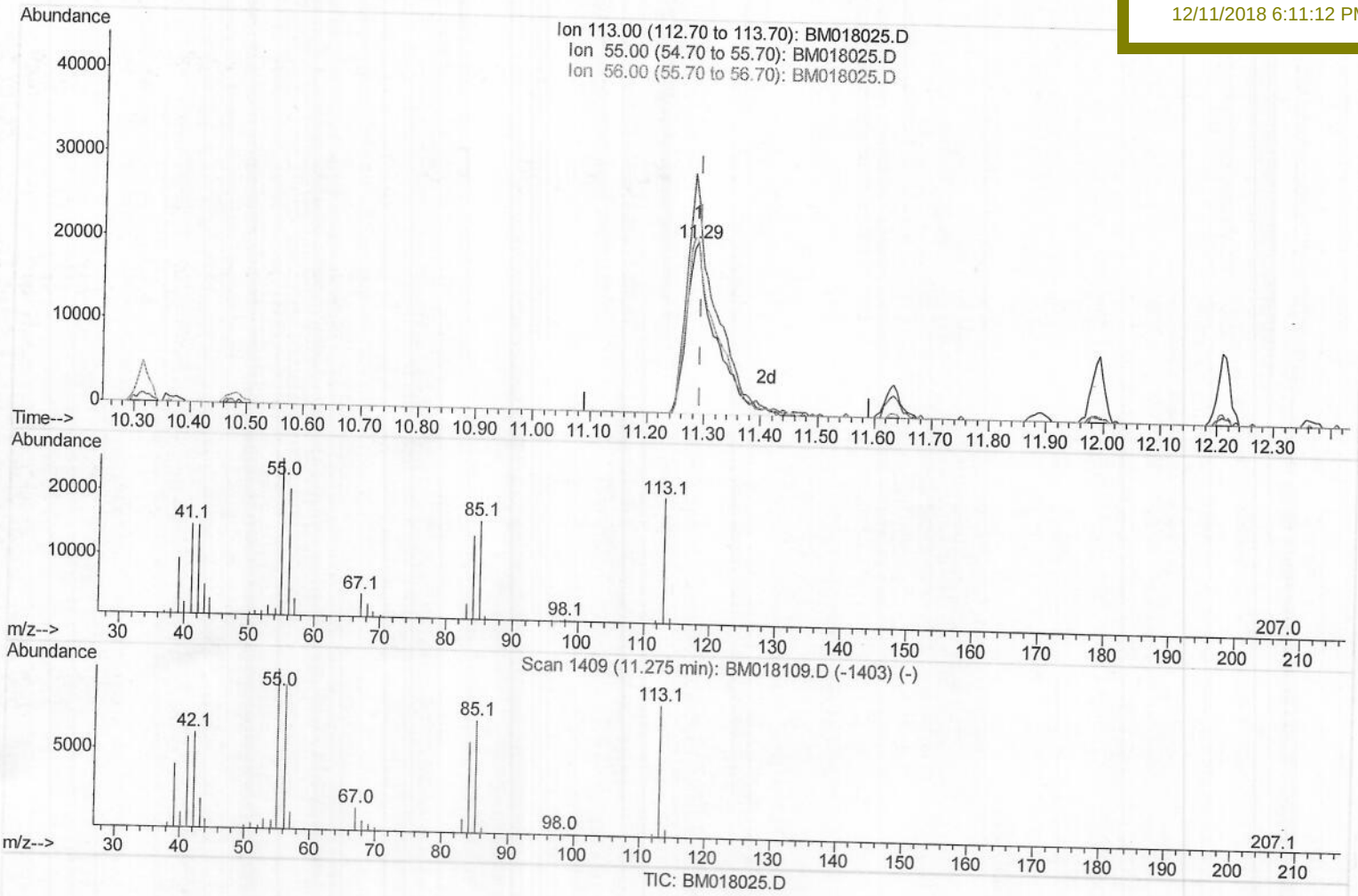

TIC: BM018025.D

(32) Caprolactam

11.286min (-0.006) 20.34ng/ul m

response 70840

SJ 12/12/18

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	124.75
56.00	110.30	100.86
0.00	0.00	0.00

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Operator : JU/SJ
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Misc :
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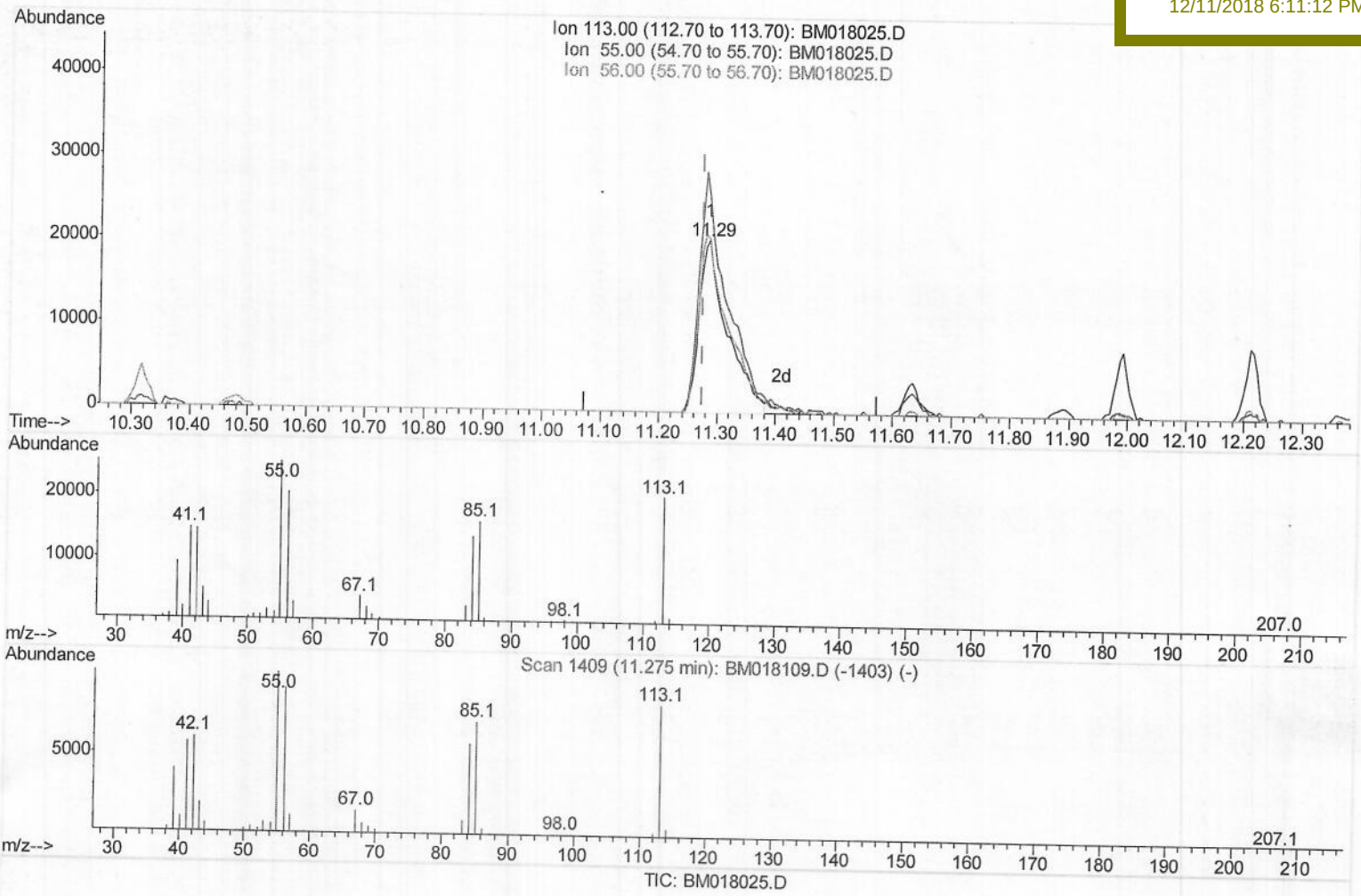
Quant Time: Dec 13 12:29:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 06:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02086

Manual Integrations APPROVED
Sohil
12/11/2018 6:11:12 PM



TIC: BM018025.D

(32) Caprolactam

11.286min (+0.012) 19.74ng/ul

response 68766

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	124.75
56.00	110.30	100.86
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	7.55	152	153962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	665461	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	405103	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	940821	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	1128521	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	1183260	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	24681	7.34	ng/uL	0.00
5) Phenol-d5	6.75	99	240622	17.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	139161	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	203798	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	204885	17.83	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	99733	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	113318	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	213640	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	185557	19.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	668967	19.03	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	818584	19.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	105060	16.44	ng/ul	0.00
57) Fluorene-d10	15.20	176	569622	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	126519	18.81	ng/ul	0.00
70) Anthracene-d10	17.06	188	896120	19.13	ng/ul	0.00
78) Pyrene-d10	19.37	212	1001548	18.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1193440	18.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	25010	6.968	ng/uL	90
4) Benzaldehyde	6.72	77	40531	15.458	ng/ul	92
6) Phenol	6.77	94	241261	17.189	ng/ul	89
8) Bis(2-Chloroethyl)ether	6.99	93	184558	17.212	ng/ul	95
10) 2-Chlorophenol	7.12	128	206045	18.744	ng/ul	96
11) 2-Methylphenol	8.00	108	192684	17.994	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	216297	17.097	ng/ul	98
14) Acetophenone	8.37	105	315978	17.645	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	159696	17.098	ng/ul	97
16) 4-Methylphenol	8.33	108	204684	17.688	ng/ul	98
17) Hexachloroethane	8.60	117	80953	18.164	ng/ul	96
20) Nitrobenzene	8.75	77	233262	18.182	ng/ul	94
21) Isophorone	9.27	82	449490	18.833	ng/ul	98
23) 2-Nitrophenol	9.45	139	119432	19.595	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	241934	19.001	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	270229	18.503	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	200905	19.084	ng/ul	98
28) Naphthalene	10.37	128	666694	19.229	ng/ul	98
30) 4-Chloroaniline	10.50	127	189132	19.375	ng/ul	98
31) Hexachlorobutadiene	10.64	225	131145	18.758	ng/ul	100
32) Caprolactam	11.29	113	70840m	20.339	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	223658	18.707	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	493889	19.082	ng/ul	99

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12/11/2018 6:11:12 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	252953	18.714 ng/ul	98
37) Hexachlorocyclopentadiene	12.33	237	127640	14.643 ng/ul	99
38) 2,4,6-Trichlorophenol	12.62	196	166409	18.943 ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	177447	18.887 ng/ul	98
40) 1,1'-Biphenyl	13.03	154	632936	18.980 ng/ul	99
41) 2-Chloronaphthalene	13.06	162	494320	18.950 ng/ul	100
42) 2-Nitroaniline	13.29	65	137312	18.076 ng/ul	95
44) Dimethylphthalate	13.67	163	644454	18.924 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	133176	19.902 ng/ul	95
47) Acenaphthylene	13.92	152	765500	19.268 ng/ul	99
48) 3-Nitroaniline	14.13	138	118742	18.601 ng/ul	96
49) Acenaphthene	14.26	153	532748	18.606 ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	79320	17.483 ng/ul	96
52) 4-Nitrophenol	14.45	109	83360	15.859 ng/ul	98
53) Dibenzofuran	14.60	168	757504	18.696 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	199487	19.689 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.84	232	167758	19.365 ng/ul	99
56) Diethylphthalate	15.04	149	668379	19.052 ng/ul	99
58) Fluorene	15.26	166	636015	18.824 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	327054	18.844 ng/ul	98
60) 4-Nitroaniline	15.30	138	126478	17.822 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.36	198	130543	18.834 ng/ul#	90
64) N-Nitrosodiphenylamine	15.48	169	555152	19.166 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	203795	18.956 ng/ul	97
66) Hexachlorobenzene	16.26	284	224483	18.786 ng/ul	98
67) Atrazine	16.44	200	210085	19.553 ng/ul	99
68) Pentachlorophenol	16.62	266	134729	18.122 ng/ul	97
69) Phenanthrene	17.00	178	1017652	18.915 ng/ul	99
71) Anthracene	17.09	178	1046843	19.026 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	251663	18.875 ng/uL	97
73) Pentachlorobenzene	14.52	250	260219	19.082 ng/uL	98
74) Carbazole	17.37	167	926570	19.111 ng/ul	99
75) Di-n-butylphthalate	17.94	149	1164885	19.012 ng/ul	99
76) Fluoranthene	19.03	202	1233231	19.487 ng/ul	100
79) Pyrene	19.40	202	1267671	18.504 ng/ul	99
80) Butylbenzylphthalate	20.32	149	560832	19.145 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.10	252	453417	19.518 ng/ul	99
82) Benzo(a)anthracene	21.16	228	1316980	18.815 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	836927	19.294 ng/ul	99
84) Chrysene	21.21	228	1243295	18.992 ng/ul	98
86) Di-n-octyl phthalate	21.96	149	1438001	17.351 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	1340147	18.221 ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	1316267	18.414 ng/ul	100
90) Benzo(a)pyrene	23.25	252	1280740	18.362 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.50	276	1485658	20.102 ng/ul	100
92) Dibenzo(a,h)anthracene	25.51	278	1236854	19.822 ng/ul	99
93) Benzo(g,h,i)perylene	26.16	276	1216740	20.371 ng/ul	100

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