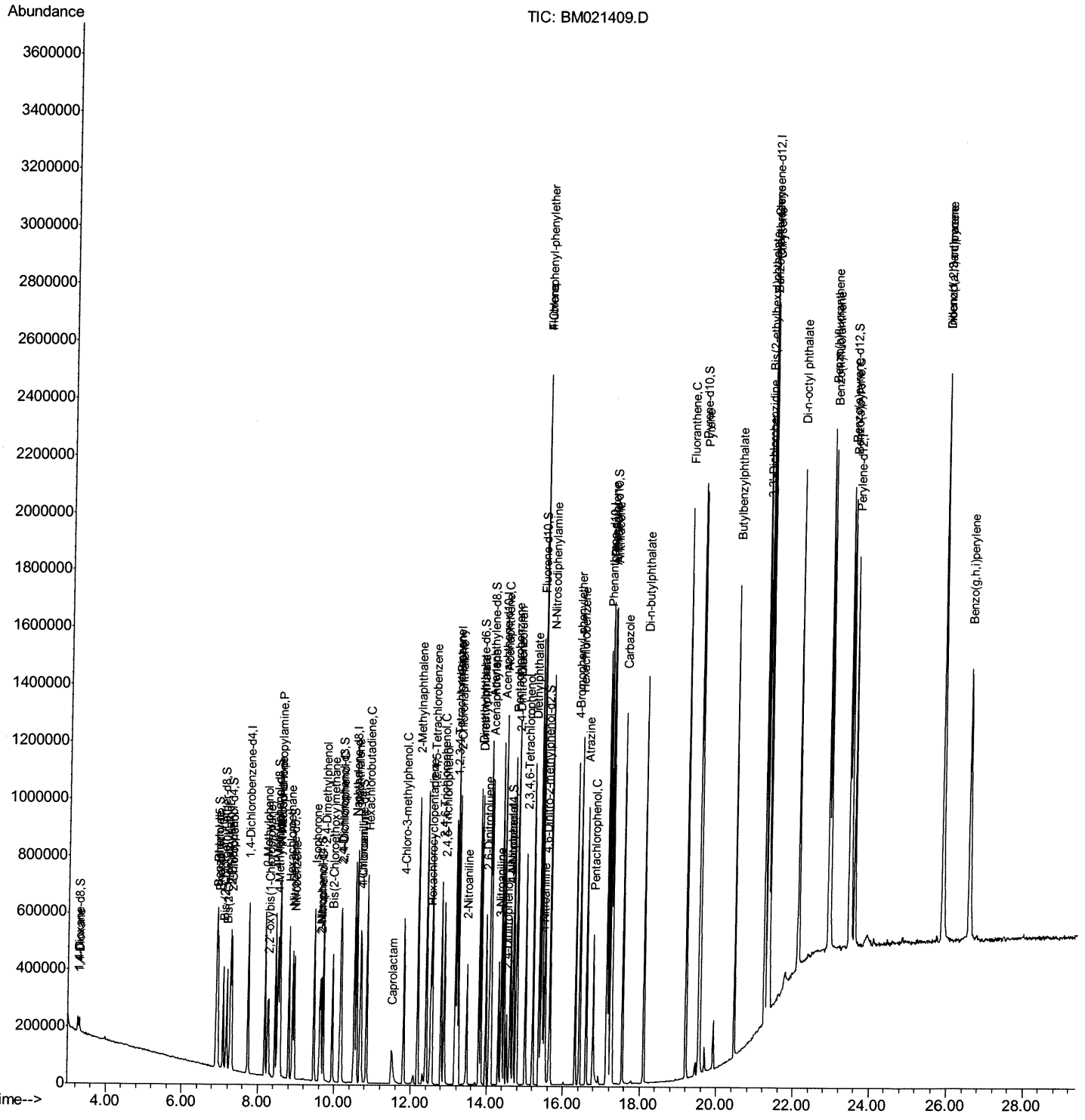
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071019\
Data File : BM021409.D
Acq On : 10 Jul 2019 16:13
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 01:09:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 17:45:45 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02030

Manual Integrations APPROVED
mohammad
7/11/2019 5:23:03 PM



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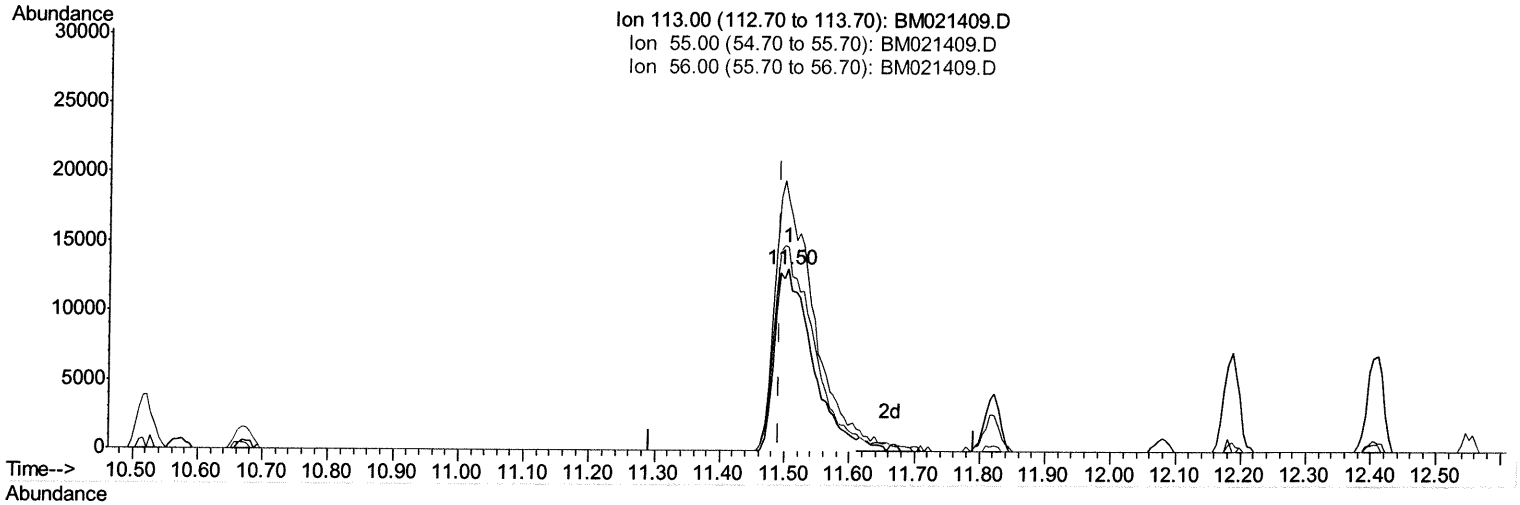

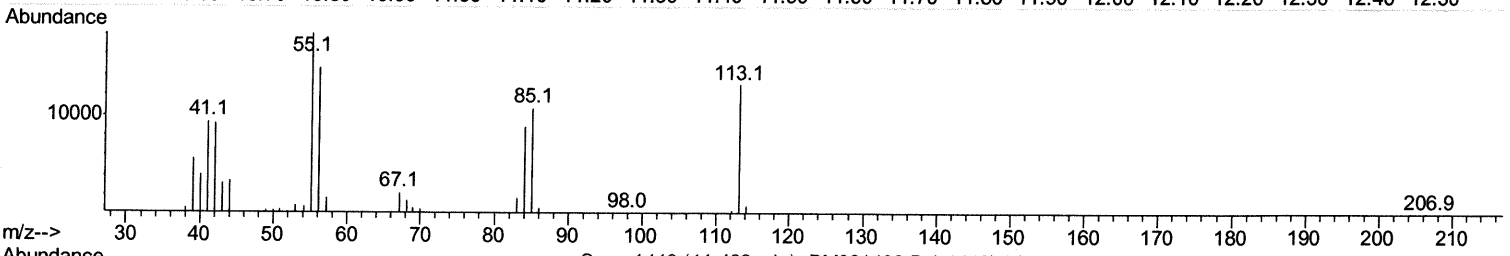

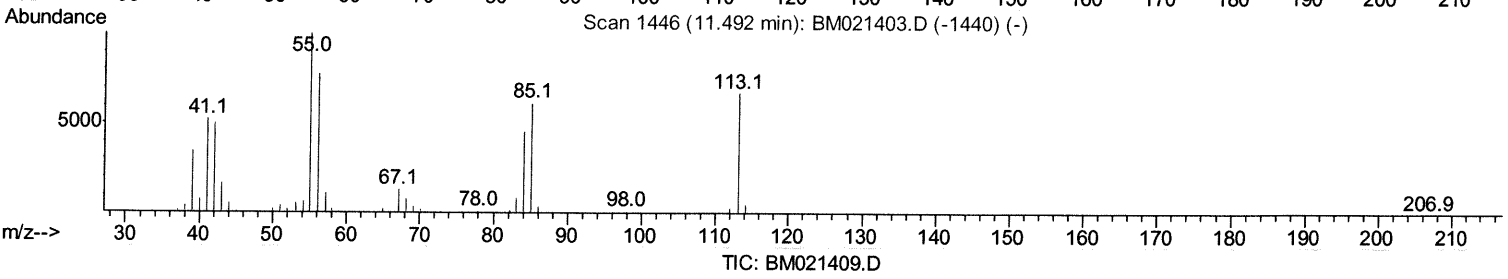

TIC: BM021409.D

(32) Caprolactam

11.504min (+0.012) 18.23ng/ul

response 52506

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	138.38
56.00	116.00	112.79
0.00	0.00	0.00

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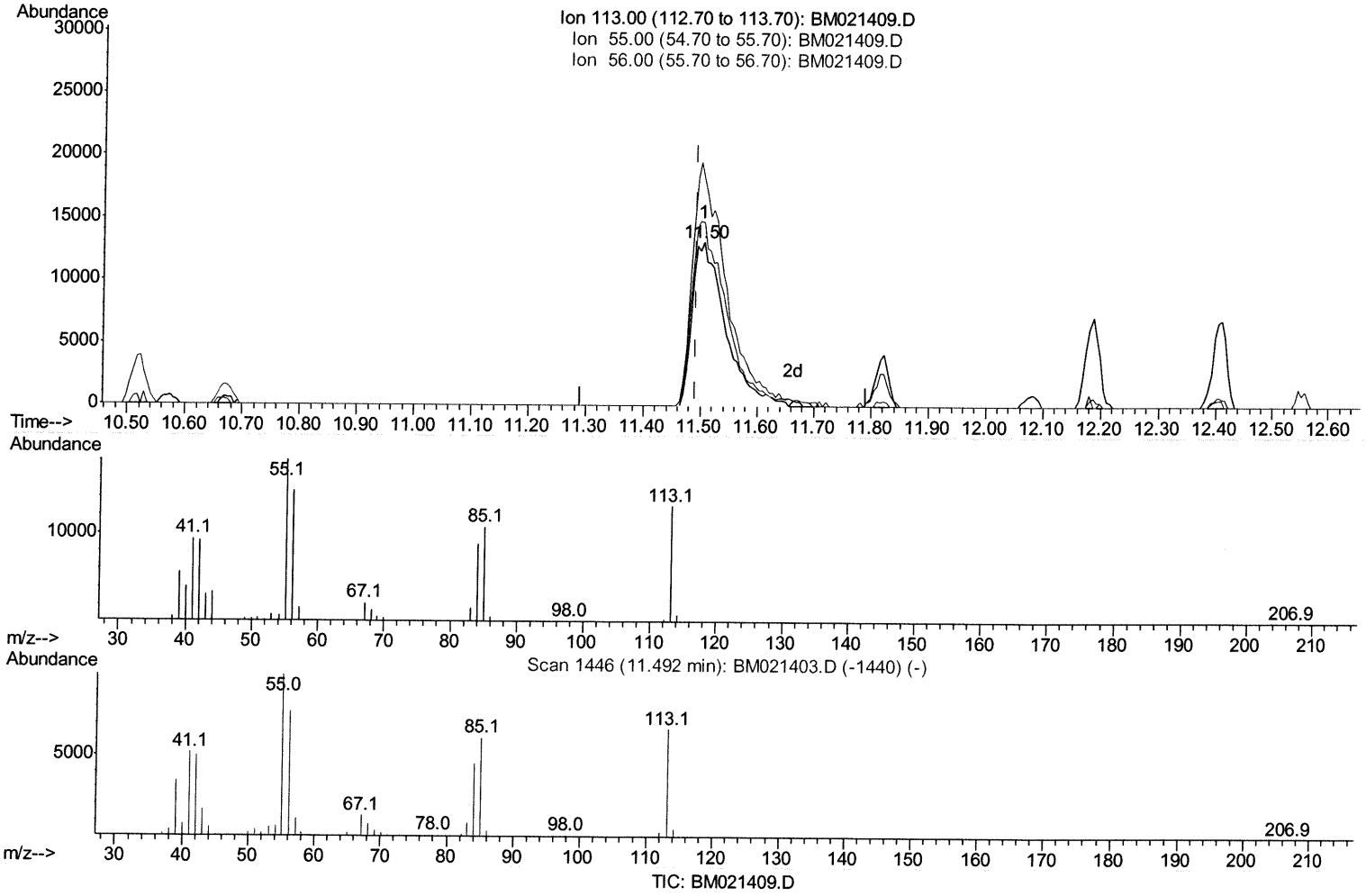

TIC: BM021409.D

(32) Caprolactam JU

11.504min (+0.012) 18.74ng/ul m 07/11/19

response 53975

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	138.38
56.00	116.00	112.79
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	7.73	152	163969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	649646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	393245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	923215	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	948767	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	1019119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	26011	7.81	ng/uL	0.00
5) Phenol-d5	6.91	99	262476	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	157038	20.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	224448	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	211100	20.79	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	107492	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	119610	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	242987	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	255613	23.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	702426	20.40	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	883058	20.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	109067	19.98	ng/ul	0.00
57) Fluorene-d10	15.37	176	628738	20.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	114614	18.47	ng/ul	0.00
70) Anthracene-d10	17.23	188	963767	20.10	ng/ul	0.00
78) Pyrene-d10	19.53	212	1080750	20.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1227287	20.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	27217	7.780	ng/uL	96
4) Benzaldehyde	6.89	77	122834	17.846	ng/ul	94
6) Phenol	6.94	94	244148	20.007	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	193858	20.546	ng/ul	97
10) 2-Chlorophenol	7.30	128	211097	20.016	ng/ul	98
11) 2-Methylphenol	8.18	108	188059	20.224	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	239021	20.775	ng/ul	97
14) Acetophenone	8.56	105	310817	20.321	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	155429	20.265	ng/ul	99
16) 4-Methylphenol	8.51	108	201261	20.414	ng/ul	98
17) Hexachloroethane	8.80	117	92708	20.103	ng/ul	95
20) Nitrobenzene	8.94	77	234515	19.566	ng/ul	97
21) Isophorone	9.46	82	425715	20.039	ng/ul	99
23) 2-Nitrophenol	9.65	139	119130	19.770	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	232365	19.820	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	263415	19.878	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	217453	19.698	ng/ul	99
28) Naphthalene	10.57	128	672788	19.900	ng/ul	100
30) 4-Chloroaniline	10.69	127	241302	23.137	ng/ul	100
31) Hexachlorobutadiene	10.84	225	159692	19.574	ng/ul	99
32) Caprolactam	11.50	113	53975m >	18.735	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	209360	20.375	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	492511	19.763	ng/ul	98

JU 07/11/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	297525	19.454 ng/ul	100
37) Hexachlorocyclopentadiene	12.52	237	133880	17.208 ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	180369	19.817 ng/ul	96
39) 2,4,5-Trichlorophenol	12.88	196	185087	19.186 ng/ul	98
40) 1,1'-Biphenyl	13.21	154	646212	19.634 ng/ul	100
41) 2-Chloronaphthalene	13.25	162	522311	19.802 ng/ul	99
42) 2-Nitroaniline	13.47	65	114724	19.905 ng/ul	93
44) Dimethylphthalate	13.84	163	649284	20.245 ng/ul	100
45) 2,6-Dinitrotoluene	13.97	165	118837	20.349 ng/ul	97
47) Acenaphthylene	14.10	152	752541	20.003 ng/ul	99
48) 3-Nitroaniline	14.30	138	105086	20.003 ng/ul	96
49) Acenaphthene	14.45	153	546337	19.985 ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	60978	17.362 ng/ul	94
52) 4-Nitrophenol	14.62	109	79936	19.663 ng/ul	98
53) Dibenzofuran	14.78	168	790122	19.952 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	183098	20.442 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.01	232	173498	20.180 ng/ul	99
56) Diethylphthalate	15.20	149	625612	20.318 ng/ul	99
58) Fluorene	15.43	166	641930	20.036 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	354273	19.786 ng/ul	99
60) 4-Nitroaniline	15.47	138	100115	18.560 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	117131	18.971 ng/ul	98
64) N-Nitrosodiphenylamine	15.65	169	543747	19.799 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	226656	19.843 ng/ul	98
66) Hexachlorobenzene	16.43	284	269409	19.838 ng/ul	99
67) Atrazine	16.60	200	193380	19.059 ng/ul	98
68) Pentachlorophenol	16.78	266	129411	18.078 ng/ul	97
69) Phenanthrene	17.17	178	1041637	20.010 ng/ul	100
71) Anthracene	17.26	178	1052851	19.871 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	294932	19.488 ng/uL	99
73) Pentachlorobenzene	14.69	250	306148	19.637 ng/uL	99
74) Carbazole	17.54	167	879368	19.996 ng/ul	99
75) Di-n-butylphthalate	18.10	149	1010151	20.050 ng/ul	99
76) Fluoranthene	19.19	202	1233994	19.963 ng/ul	100
79) Pyrene	19.56	202	1264875	20.144 ng/ul	100
80) Butylbenzylphthalate	20.46	149	446537	20.076 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.24	252	418549	19.841 ng/ul	100
82) Benzo(a)anthracene	21.30	228	1300399	20.014 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	652721	19.950 ng/ul	100
84) Chrysene	21.36	228	1226689	20.083 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	1115137	20.256 ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	1340463	21.107 ng/ul	99
88) Benzo(k)fluoranthene	22.95	252	1246045	19.698 ng/ul	99
90) Benzo(a)pyrene	23.49	252	1245586	20.306 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.87	276	1513405	19.973 ng/ul	99
92) Dibenzo(a,h)anthracene	25.87	278	1272271	19.973 ng/ul	99
93) Benzo(g,h,i)perylene	26.56	276	1254947	20.075 ng/ul	99

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