

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\

Data File : BM021312.D

Acq On : 01 Jul 2019 16:51

Operator : HP/JU

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 01:21:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jul 01 01:16:07 2019

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

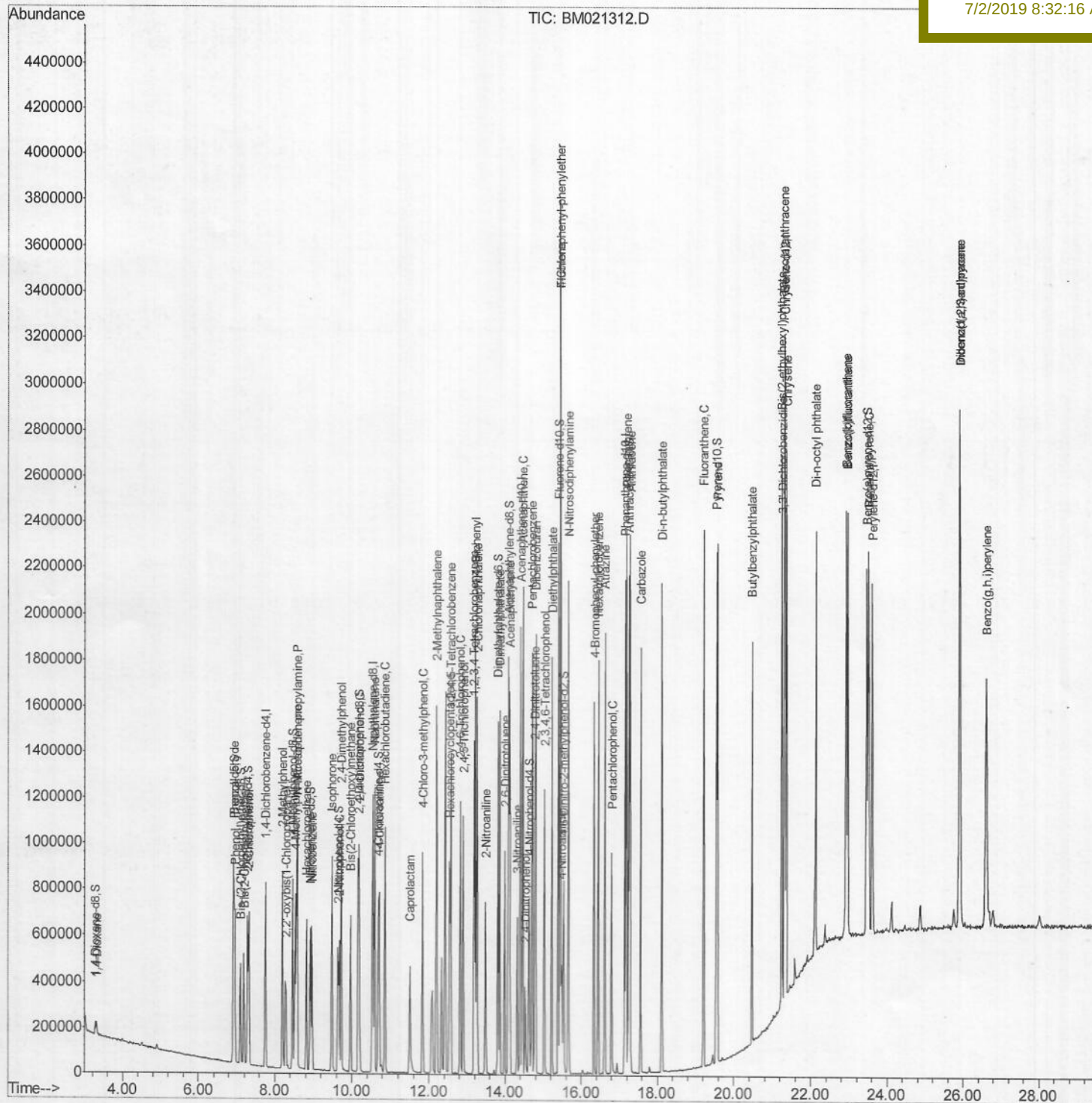
SSTD02035

Manual Integrations

APPROVED

mohammad

7/2/2019 8:32:16 AM



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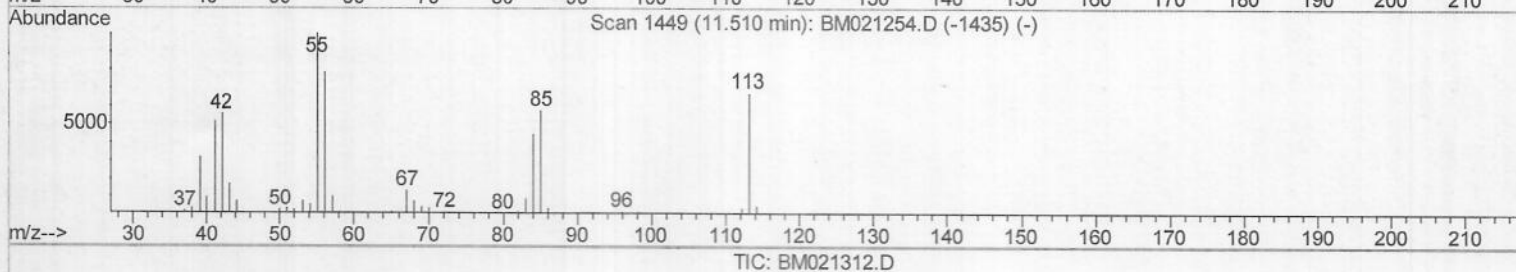
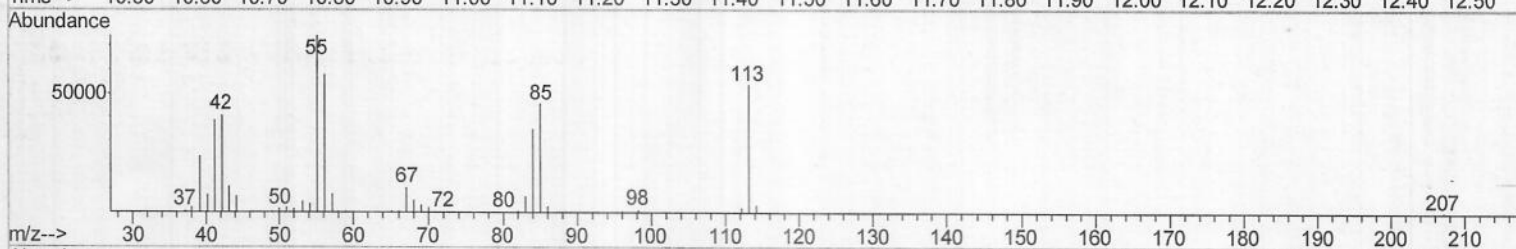
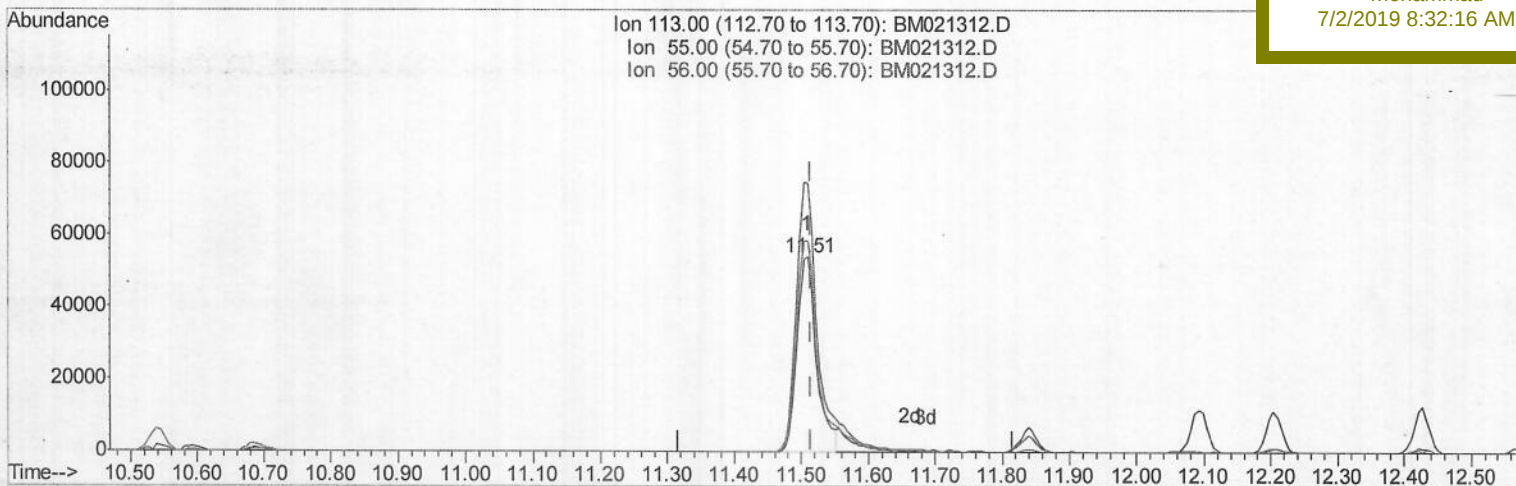
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(32) Caprolactam

11.510min (-0.006) 23.15ng/ul

response 109336

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	137.66
56.00	113.80	108.01
0.00	0.00	0.00

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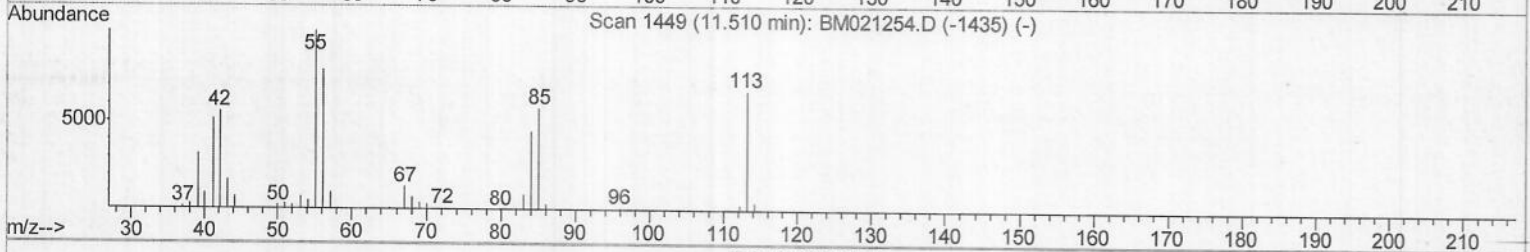
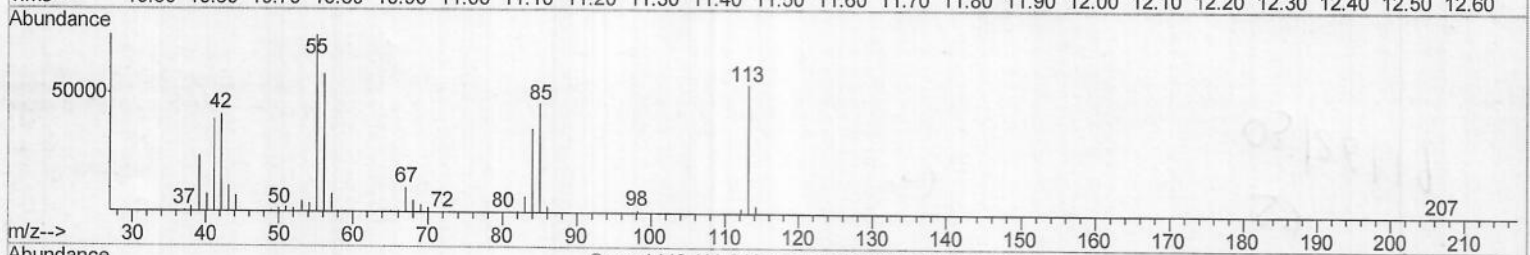
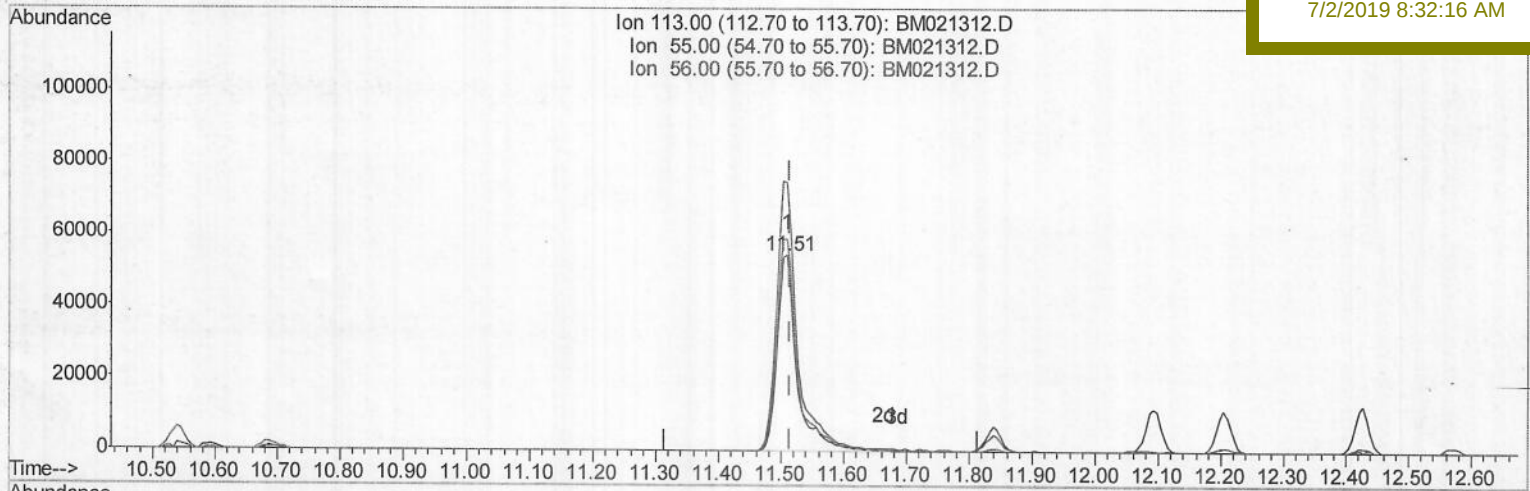
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TIC: BM021312.D

(32) Caprolactam

11.510min (-0.006) 25.51ng/ul m> JU 07/02/19

response 120480

Ion	Exp%	Act%
113.00	100	100
55.00	144.70	137.66
56.00	113.80	108.01
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	7.75	152	225195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1006851	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	632028	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1323430	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	969527	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1112265	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	31030	6.54	ng/uL	0.00
5) Phenol-d5	6.93	99	352974	18.01	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.09	67	194760	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	292127	18.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	307708	18.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	152900	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	178452	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	365234	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	355006	18.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1029670	18.03	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1309918	18.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	135510	14.59	ng/ul	0.00
57) Fluorene-d10	15.39	176	876883	17.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	140089	17.22	ng/ul	0.00
70) Anthracene-d10	17.24	188	1249287	18.17	ng/ul	0.00
78) Pyrene-d10	19.54	212	1099692	18.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1101518	16.79	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.31	88	31932	6.654	ng/uL 97
4) Benzaldehyde	6.91	77	240884	26.956	ng/ul 98
6) Phenol	6.96	94	358377	19.330	ng/ul 99
8) Bis(2-Chloroethyl) ether	7.19	93	268474	18.973	ng/ul 100
10) 2-Chlorophenol	7.32	128	299317	19.942	ng/ul 98
11) 2-Methylphenol	8.20	108	283350	19.752	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.27	45	337620	18.685	ng/ul 99
14) Acetophenone	8.58	105	468563	19.898	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.56	70	238324	19.446	ng/ul 96
16) 4-Methylphenol	8.53	108	310451	19.887	ng/ul 95
17) Hexachloroethane	8.82	117	119848	19.157	ng/ul 96
20) Nitrobenzene	8.96	77	351970	19.163	ng/ul 100
21) Isophorone	9.48	82	660955	19.109	ng/ul 99
23) 2-Nitrophenol	9.66	139	187416	20.538	ng/ul 99
24) 2,4-Dimethylphenol	9.72	107	362213	19.429	ng/ul 100
25) Bis(2-Chloroethoxy) methane	9.96	93	402283	18.873	ng/ul 98
27) 2,4-Dichlorophenol	10.19	162	347098	20.661	ng/ul 97
28) Naphthalene	10.59	128	1011487	19.567	ng/ul 99
30) 4-Chloroaniline	10.71	127	349744	19.320	ng/ul 99
31) Hexachlorobutadiene	10.86	225	227352	19.862	ng/ul 97
32) Caprolactam	11.51	113	120480m	25.510	ng/ul 97
33) 4-Chloro-3-methylphenol	11.84	107	342392	19.991	ng/ul 97
34) 2-Methylnaphthalene	12.20	142	788885	19.903	ng/ul 99

JU 07/02/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	467775	20.732	ng/ul	99
37) Hexachlorocyclopentadiene	12.54	237	259360	19.322	ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	297936	21.248	ng/ul	99
39) 2,4,5-Trichlorophenol	12.90	196	321158	21.443	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	1043386	20.012	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	833050	20.224	ng/ul	100
42) 2-Nitroaniline	13.49	65	195999	19.579	ng/ul	98
44) Dimethylphthalate	13.86	163	1022782	19.674	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	201995	20.358	ng/ul	96
47) Acenaphthylene	14.12	152	1201430	20.073	ng/ul	99
48) 3-Nitroaniline	14.32	138	169479	19.512	ng/ul	100
49) Acenaphthene	14.46	153	862457	19.655	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	88904	17.836	ng/ul	93
52) 4-Nitrophenol	14.63	109	107378	15.628	ng/ul	97
53) Dibenzofuran	14.80	168	1231659	19.714	ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	287552	19.971	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	264657	20.264	ng/ul	99
56) Diethylphthalate	15.22	149	988085	19.700	ng/ul	99
58) Fluorene	15.45	166	983815	19.381	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	548057	19.803	ng/ul	98
60) 4-Nitroaniline	15.49	138	164497	17.817	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	143363	17.554	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	840537	20.971	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	345667	21.299	ng/ul	99
66) Hexachlorobenzene	16.44	284	394399	21.204	ng/ul	98
67) Atrazine	16.62	200	374827	25.777	ng/ul	97
68) Pentachlorophenol	16.80	266	187258	20.078	ng/ul	96
69) Phenanthrene	17.19	178	1437039	19.634	ng/ul	99
71) Anthracene	17.28	178	1467158	19.670	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	460385	22.114	ng/uL	98
73) Pentachlorobenzene	14.71	250	483516	22.570	ng/uL	98
74) Carbazole	17.56	167	1156609	18.815	ng/ul	99
75) Di-n-butylphthalate	18.11	149	1528949	20.717	ng/ul	100
76) Fluoranthene	19.21	202	1429601	18.077	ng/ul	99
79) Pyrene	19.57	202	1399026	20.411	ng/ul	99
80) Butylbenzylphthalate	20.47	149	538208	21.213	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.26	252	407003	18.730	ng/ul	100
82) Benzo(a)anthracene	21.32	228	1281085	19.382	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	776550	21.497	ng/ul	99
84) Chrysene	21.37	228	1209223	19.534	ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1240887	19.361	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1342806	19.059	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1305438	19.259	ng/ul	100
90) Benzo(a)pyrene	23.51	252	1293182	19.501	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	1628005	20.848	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	1363806	20.761	ng/ul	98
93) Benzo(g,h,i)perylene	26.60	276	1339292	20.824	ng/ul	98

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