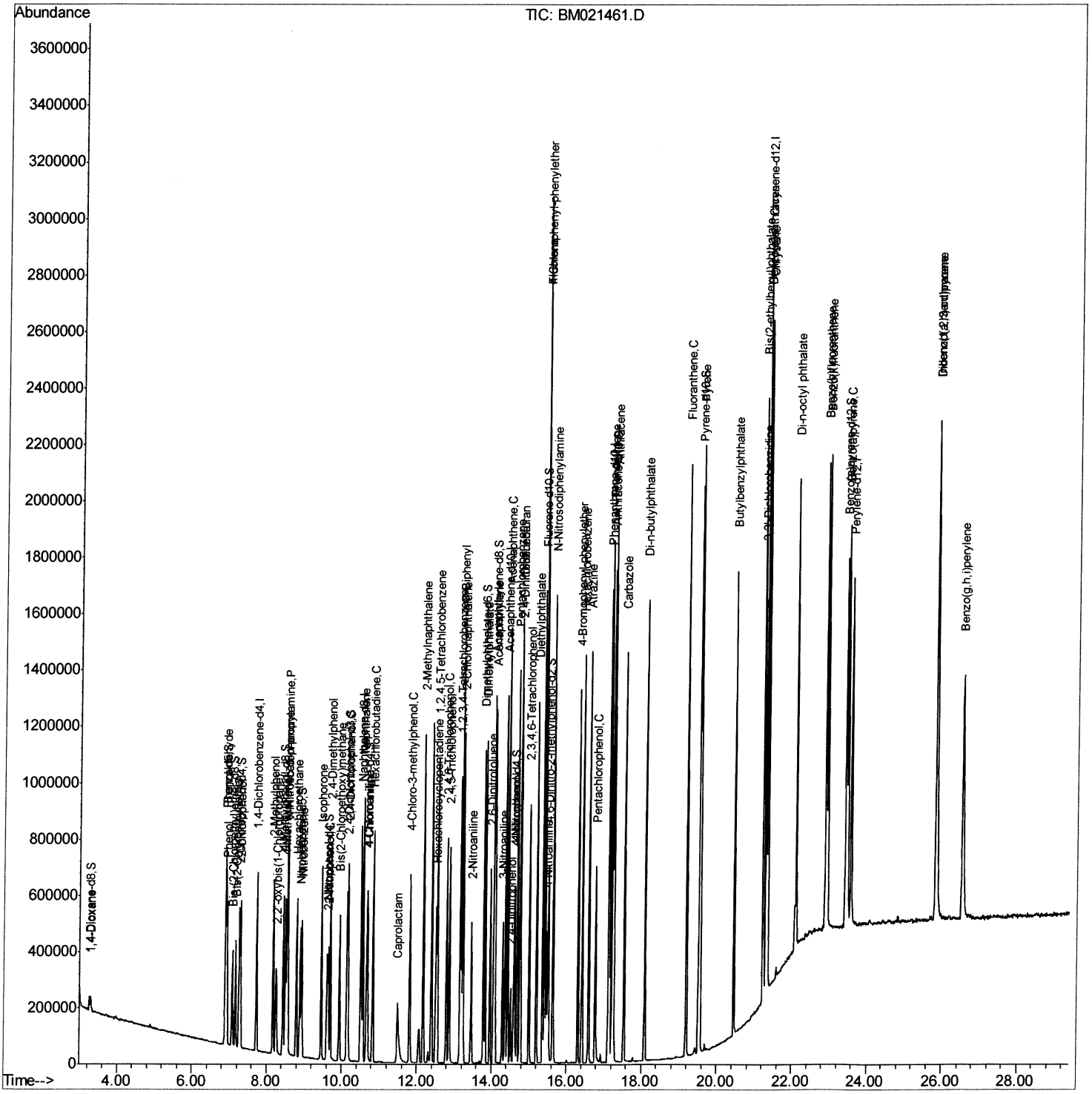
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071619\
Data File : BM021461.D
Acq On : 16 Jul 2019 08:51
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 11:39:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02039

Manual Integrations APPROVED
mohammad
7/17/2019 8:00:15 AM



Quantitation Report (Qedit)

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Acq On : 16 Jul 2019 08:51
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Quant Time: Jul 16 11:36:56 2019
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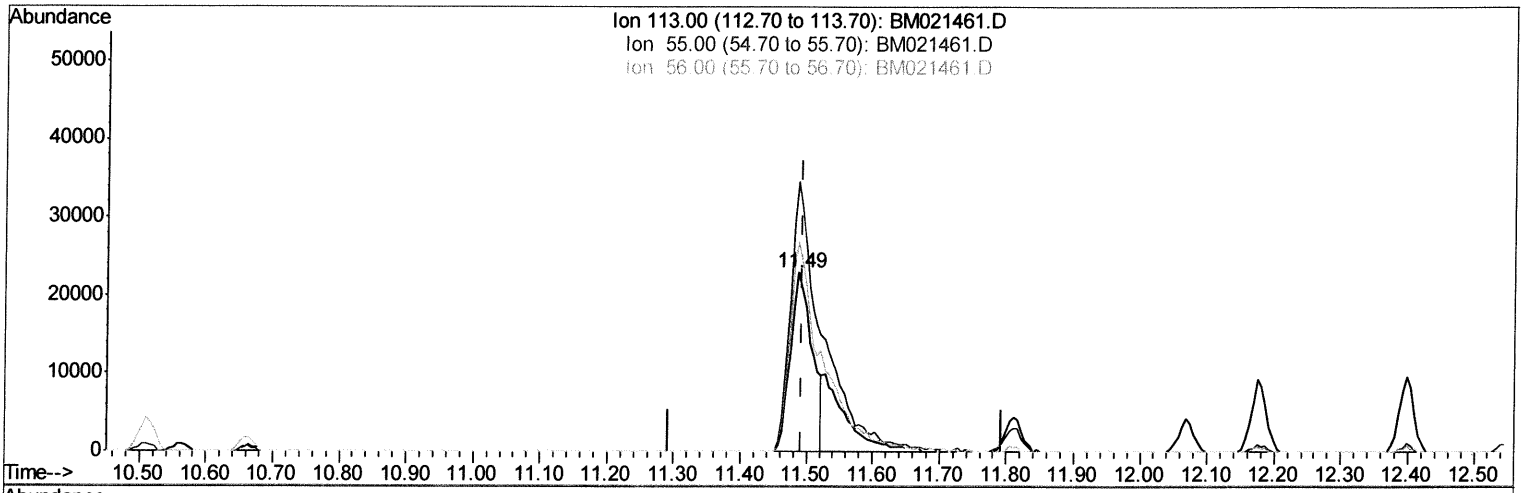

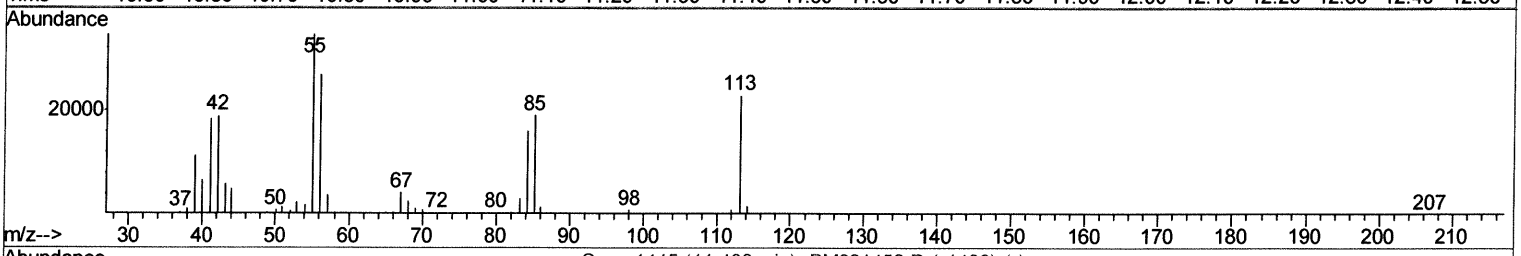

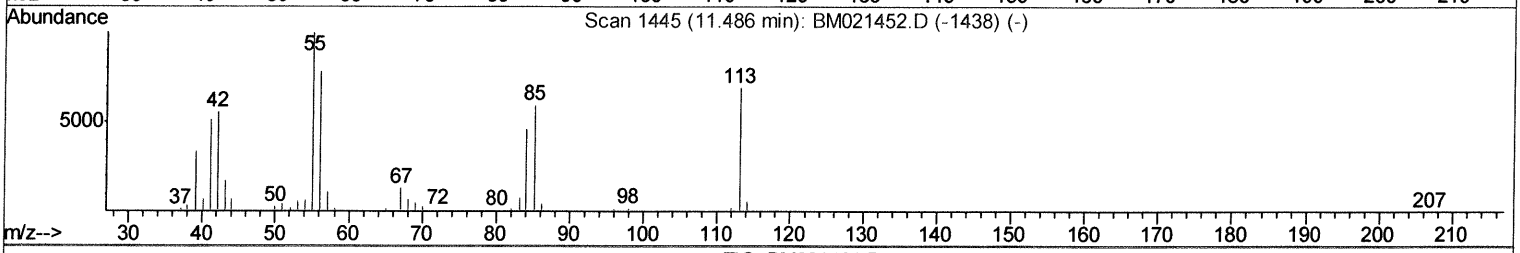

TIC: BM021461.D

(32) Caprolactam

11.486min (-0.006) 17.11ng/ul

response 52950

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	151.01
56.00	116.00	117.30
0.00	0.00	0.00

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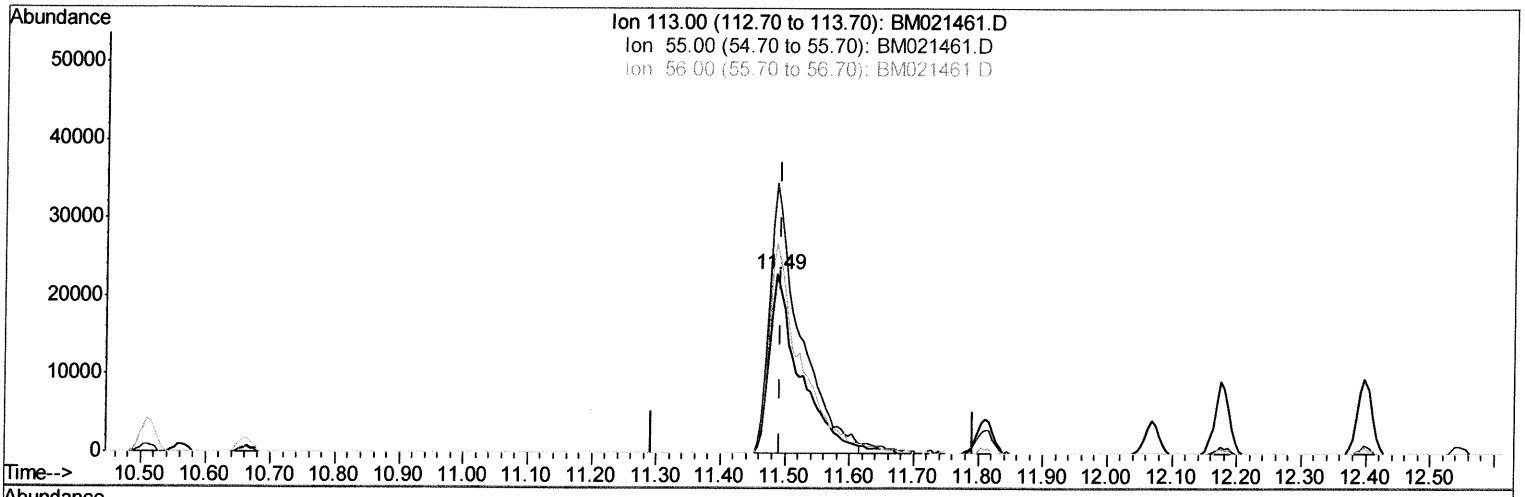
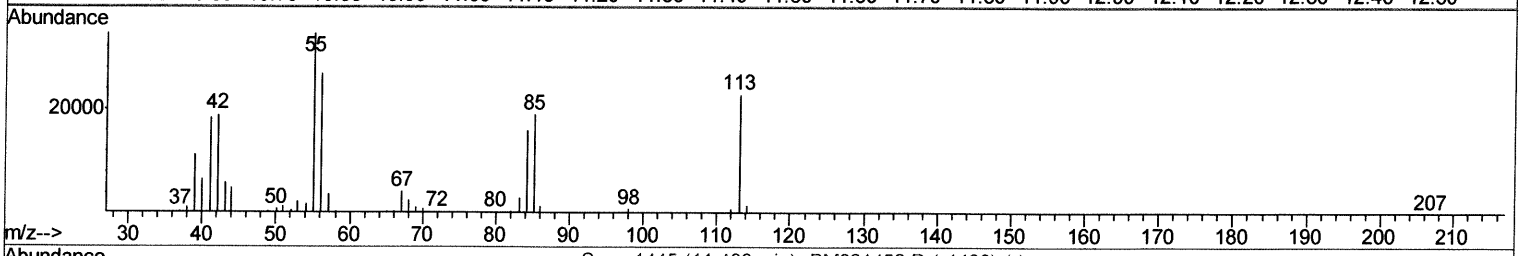
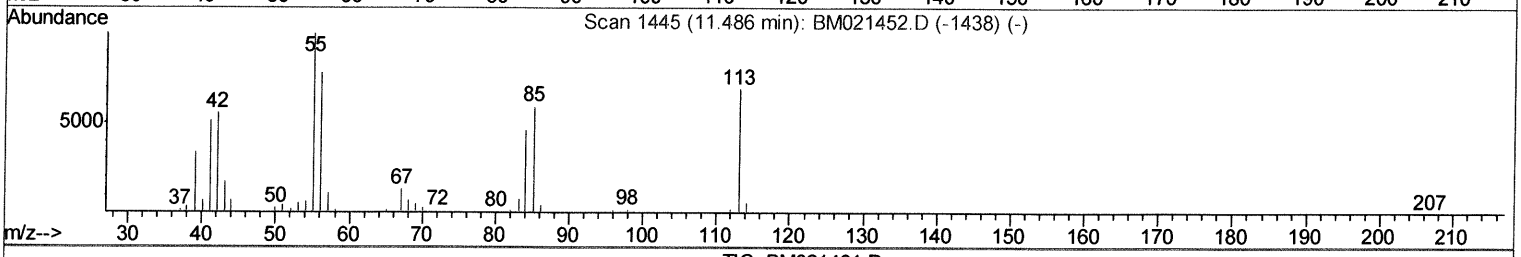
7/17/2019 8:00:15 AM







TIC: BM021461.D

(32) Caprolactam

11.486min (-0.006) 24.40ng/ul m JU 07/17/19

response 75488

Ion	Exp%	Act%
113.00	100	100
55.00	151.20	151.01
56.00	116.00	117.30
0.00	0.00	0.00

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7/17/2019 8:00:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	169415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	697712	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	438528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1022275	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	920921	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	909494	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27096	7.88	ng/uL	0.00
5) Phenol-d5	6.90	99	258239	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	151045	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	221320	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	212537	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	106979	18.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	116352	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	248123	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	276682	23.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	734921	19.14	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	931930	19.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	105079	17.27	ng/ul	0.00
57) Fluorene-d10	15.37	176	650570	18.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	116606	16.97	ng/ul	0.00
70) Anthracene-d10	17.22	188	1017674	19.17	ng/ul	0.00
78) Pyrene-d10	19.52	212	1055504	20.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	944218	18.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27920	7.724	ng/uL	93
4) Benzaldehyde	6.89	77	184115	25.889	ng/ul	99
6) Phenol	6.93	94	260782	20.683	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.16	93	205567	21.087	ng/ul	97
10) 2-Chlorophenol	7.29	128	220780	20.261	ng/ul	97
11) 2-Methylphenol	8.17	108	199220	20.736	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	257285	21.644	ng/ul	99
14) Acetophenone	8.56	105	345610	21.869	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	173328	21.872	ng/ul	97
16) 4-Methylphenol	8.50	108	220215	21.619	ng/ul	95
17) Hexachloroethane	8.79	117	100276	21.046	ng/ul	99
20) Nitrobenzene	8.93	77	263205	20.447	ng/ul	96
21) Isophorone	9.46	82	474195	20.783	ng/ul	99
23) 2-Nitrophenol	9.64	139	127652	19.724	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	259103	20.578	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	296628	20.843	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	239784	20.225	ng/ul	97
28) Naphthalene	10.56	128	736558	20.285	ng/ul	99
30) 4-Chloroaniline	10.69	127	274228	24.482	ng/ul	97
31) Hexachlorobutadiene	10.83	225	179980	20.541	ng/ul	97
32) Caprolactam	11.49	113	75488m>	24.398	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	235207	21.313	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	553957	20.697	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	340456	19.962	ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	161928	18.664	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	204510	20.149	ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	217820	20.248	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	740934	20.187	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	592327	20.137	ng/ul	98
42) 2-Nitroaniline	13.46	65	129891	20.209	ng/ul	94
44) Dimethylphthalate	13.83	163	735790	20.574	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	132764	20.386	ng/ul	99
47) Acenaphthylene	14.09	152	856580	20.417	ng/ul	100
48) 3-Nitroaniline	14.30	138	115550	19.724	ng/ul	98
49) Acenaphthene	14.43	153	624167	20.474	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	61630	15.736	ng/ul	94
52) 4-Nitrophenol	14.61	109	89510	19.744	ng/ul	94
53) Dibenzofuran	14.77	168	907579	20.551	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	207875	20.811	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.00	232	198054	20.657	ng/ul	99
56) Diethylphthalate	15.20	149	713301	20.774	ng/ul	99
58) Fluorene	15.42	166	735754	20.593	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.42	204	414159	20.742	ng/ul	98
60) 4-Nitroaniline	15.47	138	116978	19.447	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	121789	17.814	ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	633045	20.816	ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	259098	20.485	ng/ul	98
66) Hexachlorobenzene	16.42	284	308179	20.494	ng/ul	99
67) Atrazine	16.60	200	270620	24.087	ng/ul	100
68) Pentachlorophenol	16.77	266	155071	19.563	ng/ul	100
69) Phenanthrene	17.16	178	1171117	20.317	ng/ul	99
71) Anthracene	17.26	178	1191237	20.305	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	334012	19.932	ng/uL	99
73) Pentachlorobenzene	14.69	250	366999	21.259	ng/uL	99
74) Carbazole	17.53	167	963449	19.785	ng/ul	99
75) Di-n-butylphthalate	18.09	149	1118036	20.041	ng/ul	100
76) Fluoranthene	19.19	202	1318364	19.261	ng/ul	100
79) Pyrene	19.55	202	1358044	22.282	ng/ul	100
80) Butylbenzylphthalate	20.45	149	431988	20.009	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.24	252	370245	18.082	ng/ul	99
82) Benzo(a)anthracene	21.30	228	1270536	20.146	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	624724	19.672	ng/ul	99
84) Chrysene	21.35	228	1219534	20.570	ng/ul	100
86) Di-n-octyl phthalate	22.10	149	1023307	20.828	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1218838	21.505	ng/ul	100
88) Benzo(k)fluoranthene	22.94	252	1163505	20.610	ng/ul	99
90) Benzo(a)pyrene	23.47	252	1132460	20.687	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.84	276	1350660	19.974	ng/ul	99
92) Dibenzo(a,h)anthracene	25.86	278	1139535	20.046	ng/ul	100
93) Benzo(g,h,i)perylene	26.54	276	1113443	19.958	ng/ul	99

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