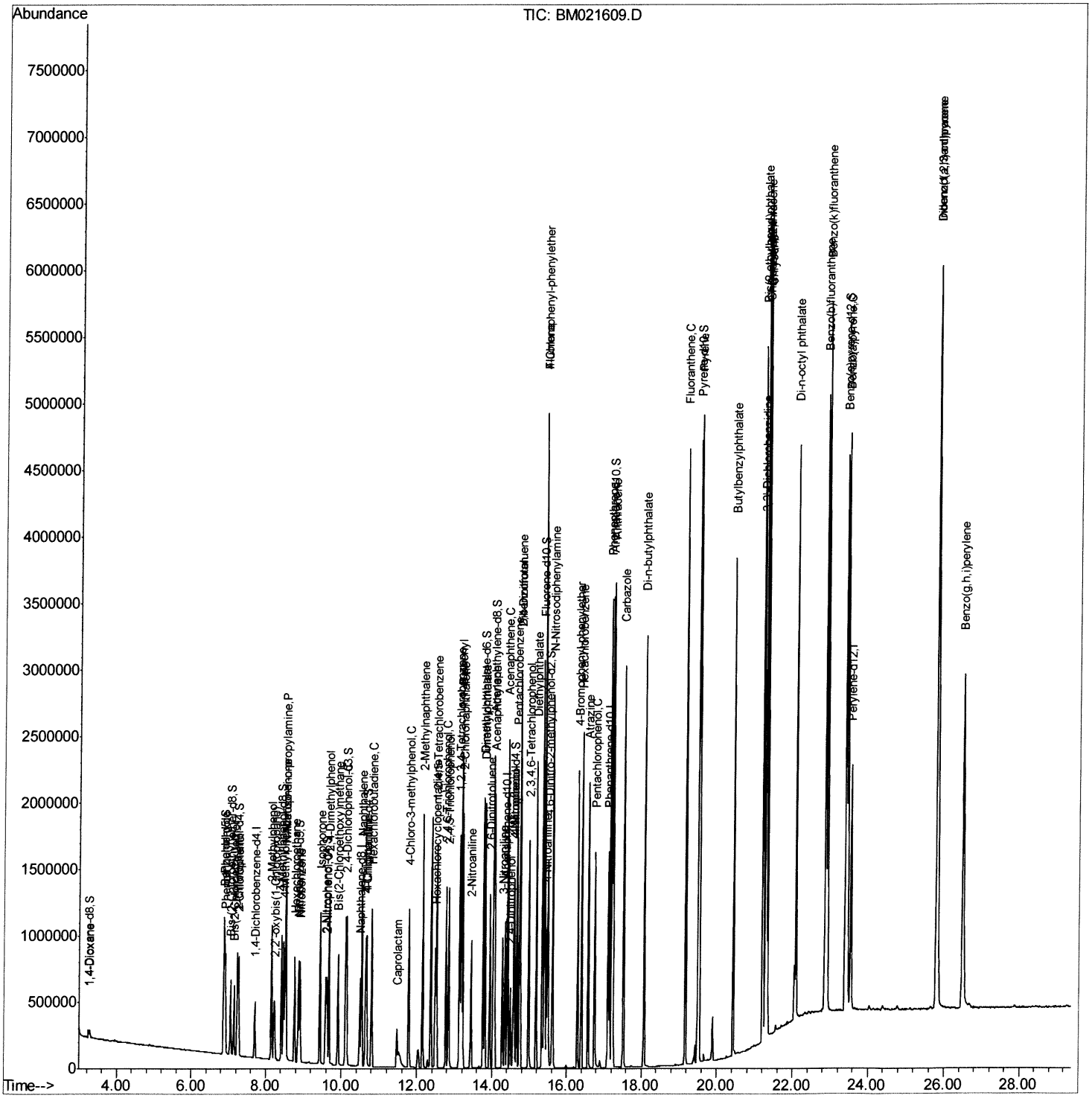
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072319\
Data File : BM021609.D
Acq On : 23 Jul 2019 11:13
Operator : HP/JU
Sample : SSTD04032
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 23 12:40:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 23 11:52:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04032

Manual Integrations APPROVED
mohammad
7/24/2019 8:27:10 AM



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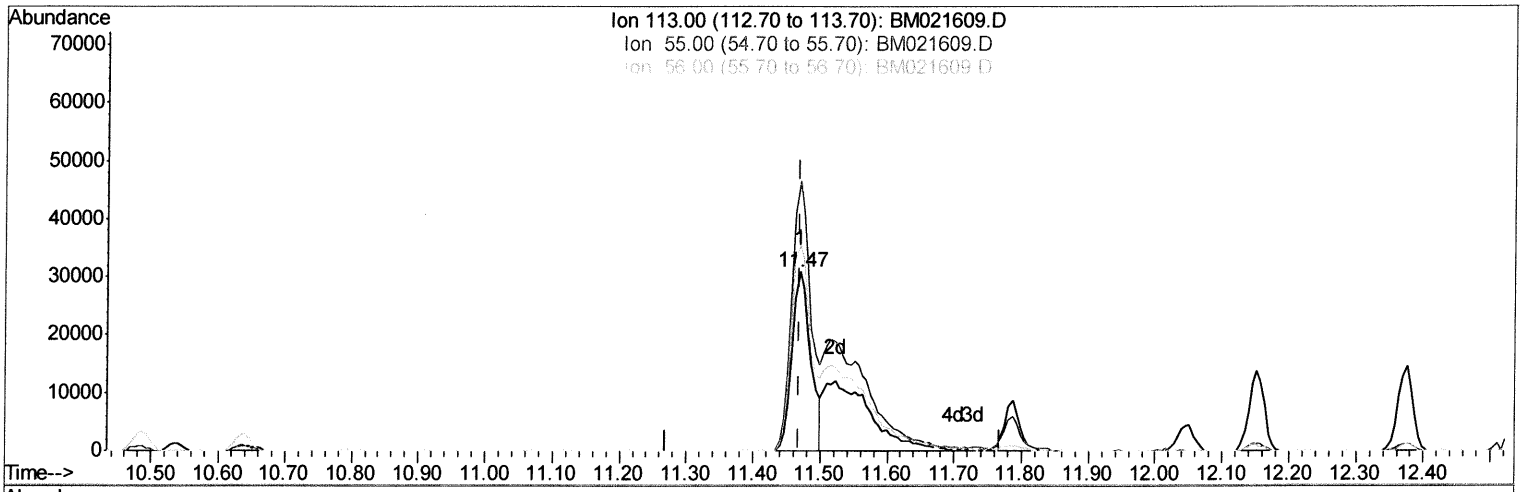

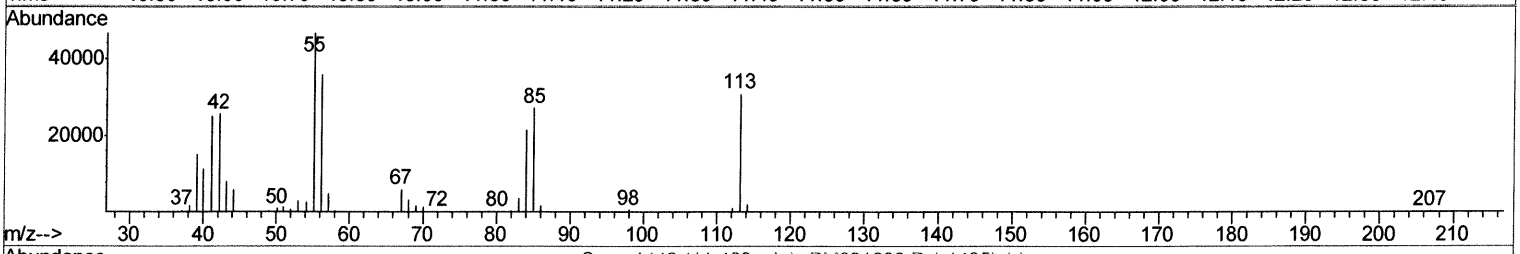

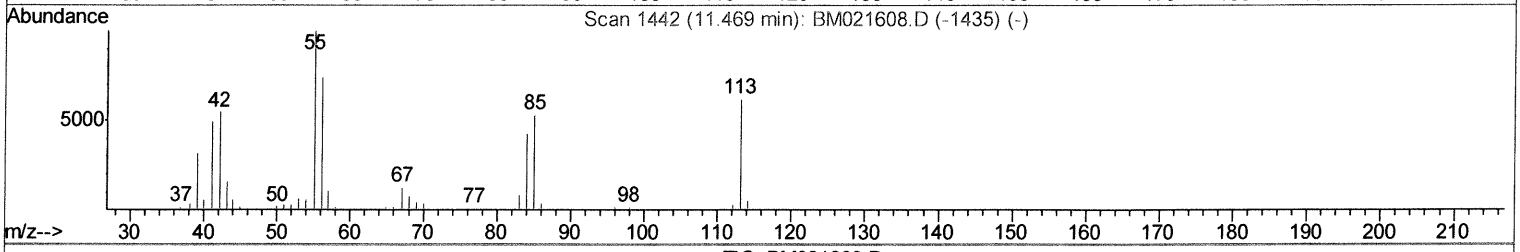

TIC: BM021609.D

(32) Caprolactam

11.469min (-0.000) 24.61ng/ul

response 59123

Ion	Exp%	Act%
113.00	100	100
55.00	162.00	150.84
56.00	119.40	115.54
0.00	0.00	0.00

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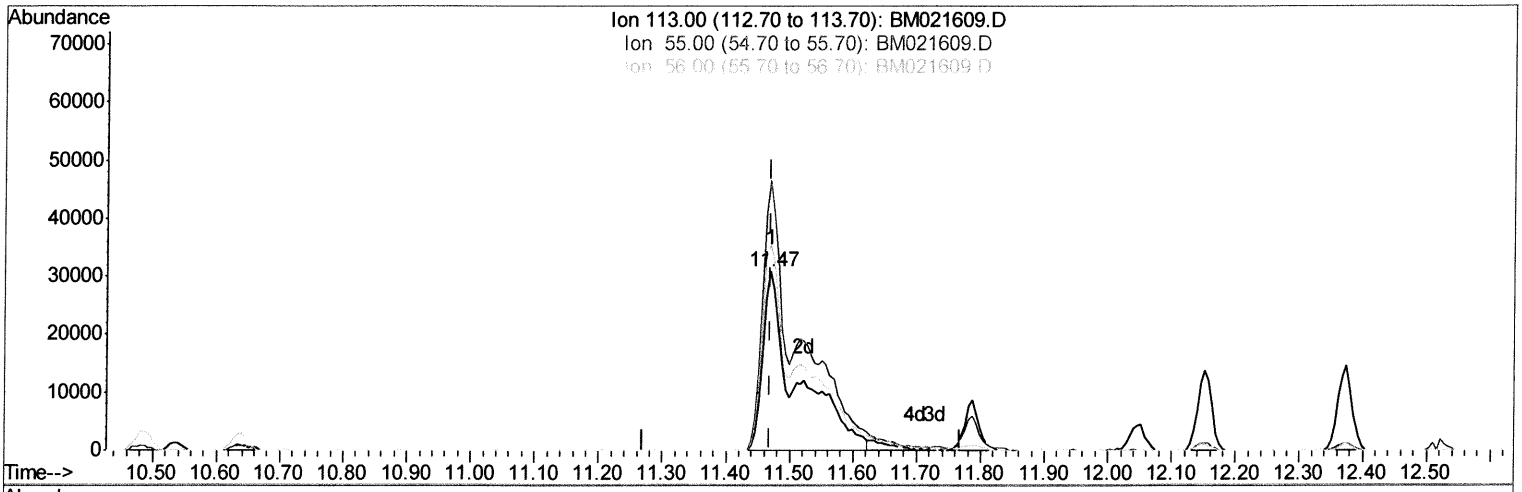

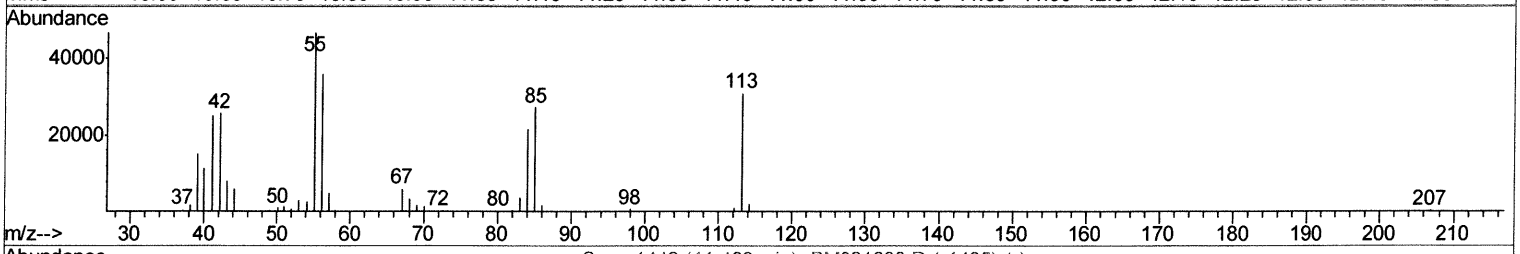

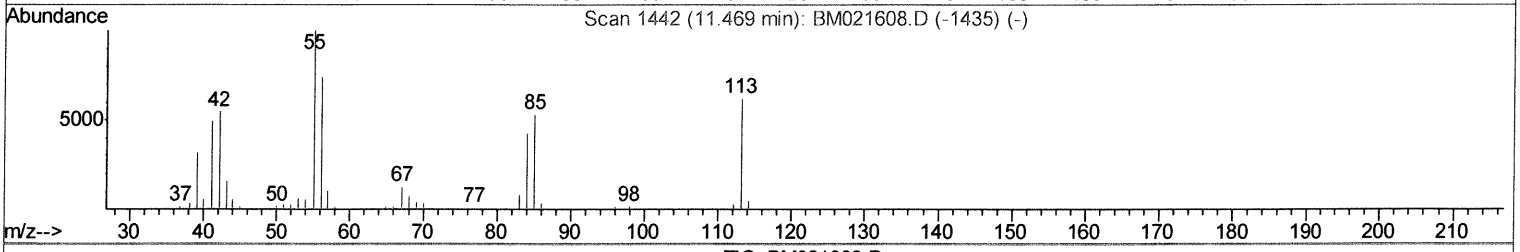

TIC: BM021609.D

(32) Caprolactam

11.469min (-0.000) 47.51ng/ul m JU 07/24/19

response 114130

Ion	Exp%	Act%
113.00	100	100
55.00	162.00	150.84
56.00	119.40	115.54
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	7.70	152	118177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	541702	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	366944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	949070	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1154852	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1345354	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	34385	14.33	ng/uL	0.00
5) Phenol-d5	6.88	99	419440	45.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	247464	45.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	341984	43.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	356571	48.72	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	179209	40.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	197436	39.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	423166	42.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	445044	48.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1369811	42.62	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1666422	41.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	241830	47.49	ng/ul	0.00
57) Fluorene-d10	15.35	176	1232345	42.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	257152	40.31	ng/ul	0.00
70) Anthracene-d10	17.20	188	2028688	41.15	ng/ul	0.00
78) Pyrene-d10	19.50	212	2443465	38.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	3258728	42.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	36721	14.563	ng/uL	92
4) Benzaldehyde	6.86	77	214636	43.266	ng/ul	96
6) Phenol	6.90	94	396009	45.026	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	295946	43.520	ng/ul	98
10) 2-Chlorophenol	7.27	128	320166	42.122	ng/ul	97
11) 2-Methylphenol	8.15	108	314175	46.879	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	392377	47.320	ng/ul	98
14) Acetophenone	8.53	105	533745	48.416	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	271796	49.168	ng/ul	97
16) 4-Methylphenol	8.48	108	348654	49.068	ng/ul	94
17) Hexachloroethane	8.76	117	137046	41.233	ng/ul	99
20) Nitrobenzene	8.91	77	414011	41.424	ng/ul	100
21) Isophorone	9.43	82	791151	44.661	ng/ul	100
23) 2-Nitrophenol	9.62	139	201022	40.007	ng/ul	93
24) 2,4-Dimethylphenol	9.67	107	415542	42.506	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.91	93	463218	41.922	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	382507	41.554	ng/ul	99
28) Naphthalene	10.53	128	1119078	39.696	ng/ul	100
30) 4-Chloroaniline	10.66	127	427602	49.170	ng/ul	98
31) Hexachlorobutadiene	10.80	225	257189	37.806	ng/ul	99
32) Caprolactam	11.47	113	114130m>	47.510	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	408826	47.714	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	873723	42.045	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	532162	37.290	ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	254694	35.083	ng/ul	100
38) 2,4,6-Trichlorophenol	12.77	196	342929	40.378	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	367955	40.876	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	1184704	38.575	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	945913	38.432	ng/ul	99
42) 2-Nitroaniline	13.45	65	247947	46.103	ng/ul	95
44) Dimethylphthalate	13.82	163	1255063	41.939	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	245731	45.093	ng/ul	95
47) Acenaphthylene	14.07	152	1427828	40.672	ng/ul	100
48) 3-Nitroaniline	14.28	138	228907	46.696	ng/ul	99
49) Acenaphthene	14.42	153	1025973	40.220	ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	133955	40.874	ng/ul	98
52) 4-Nitrophenol	14.59	109	190355	50.179	ng/ul	96
53) Dibenzofuran	14.75	168	1506824	40.777	ng/ul	99
54) 2,4-Dinitrotoluene	14.74	165	394168	47.160	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.98	232	355595	44.324	ng/ul	98
56) Diethylphthalate	15.18	149	1251711	43.566	ng/ul	99
58) Fluorene	15.40	166	1253946	41.944	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	692884	41.471	ng/ul	99
60) 4-Nitroaniline	15.45	138	248332	49.337	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.50	198	251805	39.673	ng/ul#	97
64) N-Nitrosodiphenylamine	15.62	169	1089593	38.593	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	452050	38.497	ng/ul	99
66) Hexachlorobenzene	16.40	284	537299	38.487	ng/ul	99
67) Atrazine	16.58	200	412164	39.516	ng/ul	99
68) Pentachlorophenol	16.75	266	311713	42.358	ng/ul	98
69) Phenanthrene	17.14	178	2137700	39.946	ng/ul	99
71) Anthracene	17.23	178	2190291	40.213	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	535145	34.397	ng/uL	99
73) Pentachlorobenzene	14.66	250	577152	36.011	ng/uL	98
74) Carbazole	17.52	167	1906941	42.181	ng/ul	99
75) Di-n-butylphthalate	18.07	149	2158262	41.670	ng/ul	100
76) Fluoranthene	19.16	202	2766202	43.532	ng/ul	99
79) Pyrene	19.53	202	2854876	37.353	ng/ul	99
80) Butylbenzylphthalate	20.43	149	1017897	37.597	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.22	252	1021233	39.772	ng/ul	98
82) Benzo(a)anthracene	21.28	228	3168466	40.063	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1505150	37.795	ng/ul	100
84) Chrysene	21.33	228	2986614	40.170	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2699737	37.147	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	3433252	40.951	ng/ul	99
88) Benzo(k)fluoranthene	22.92	252	3353181	40.154	ng/ul	99
90) Benzo(a)pyrene	23.45	252	3319366	40.991	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	4133278	41.321	ng/ul	100
92) Dibenzo(a,h)anthracene	25.82	278	3500337	41.626	ng/ul	99
93) Benzo(g,h,i)perylene	26.50	276	3337549	40.442	ng/ul	98

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