Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006188.D
Acq On : 01 Jul 2016 21:01
Operator : UM/SJ
Sample : SSTD04062
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 02 23:58:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 23:37:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04062

Manual Integratio

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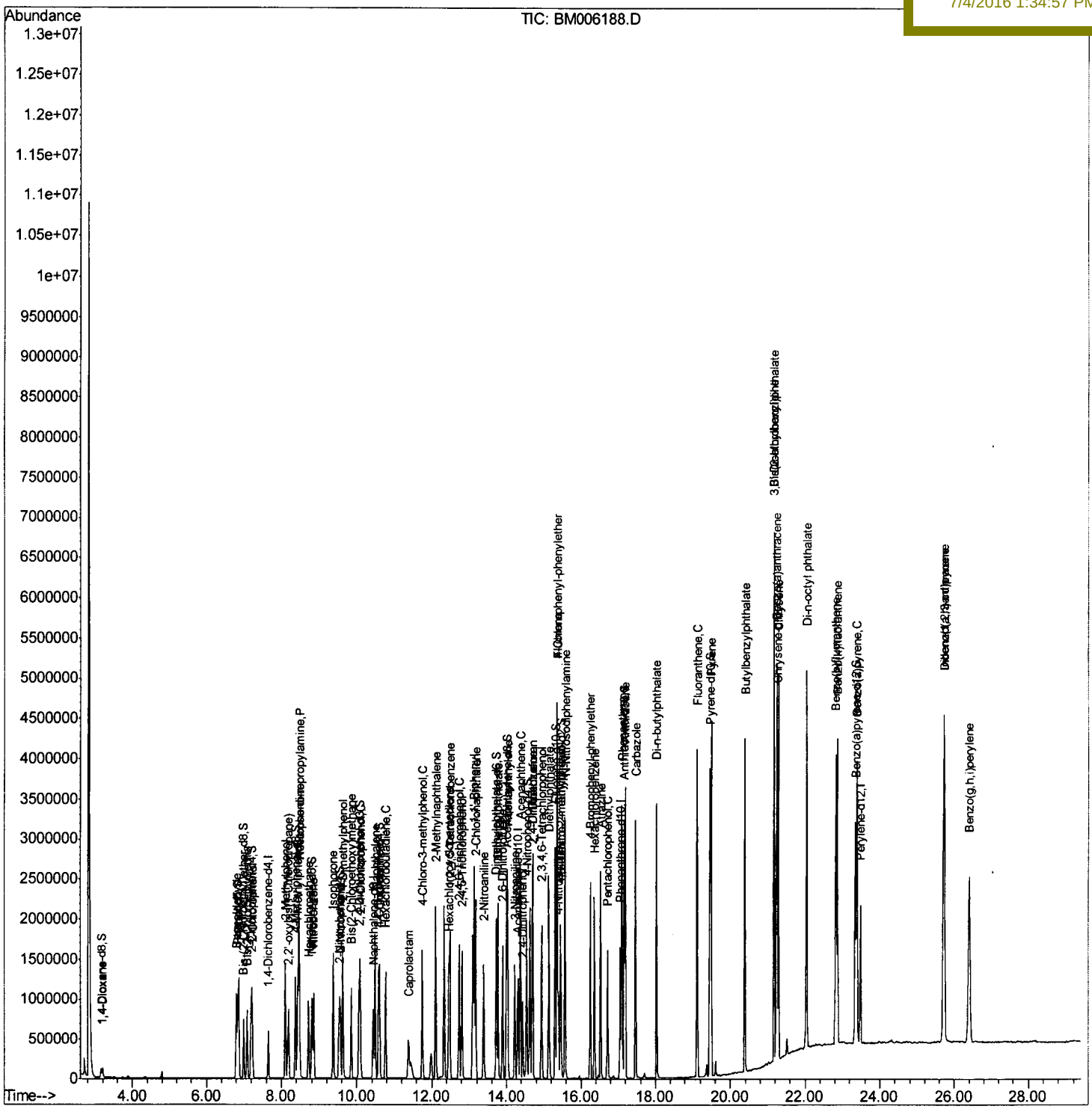

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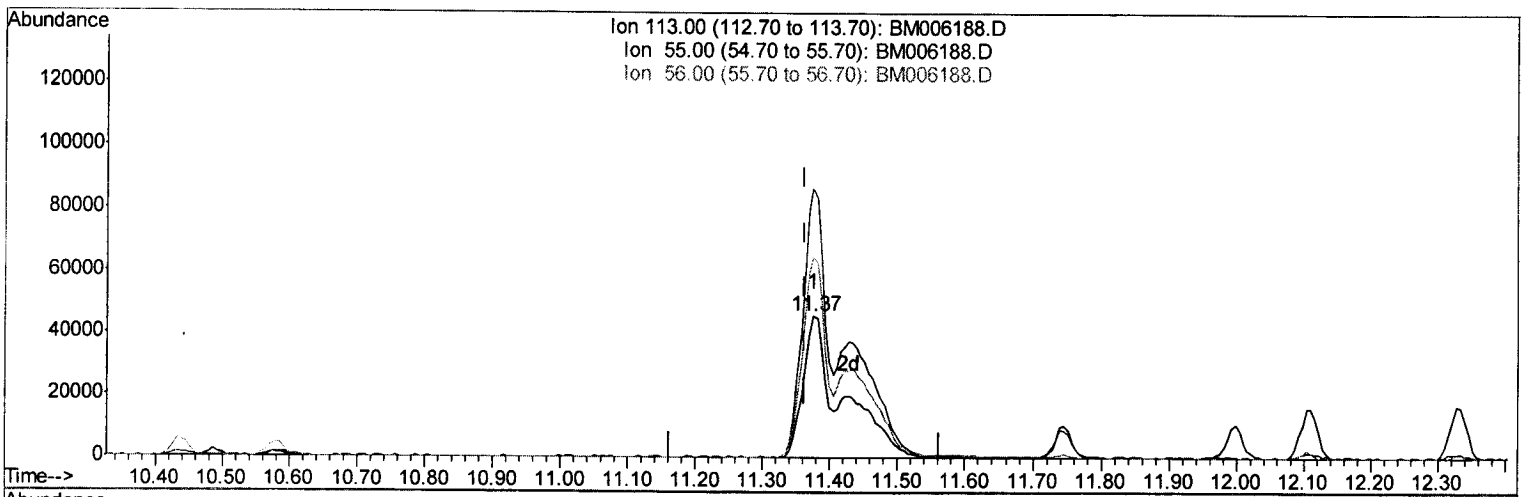

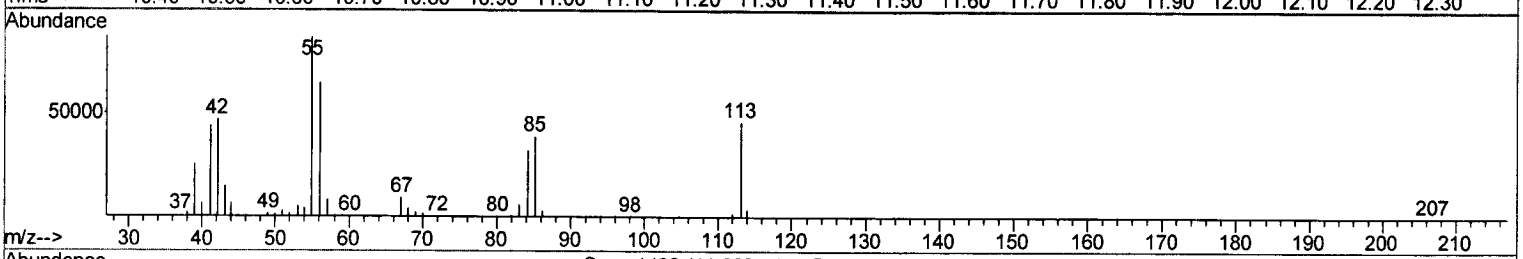

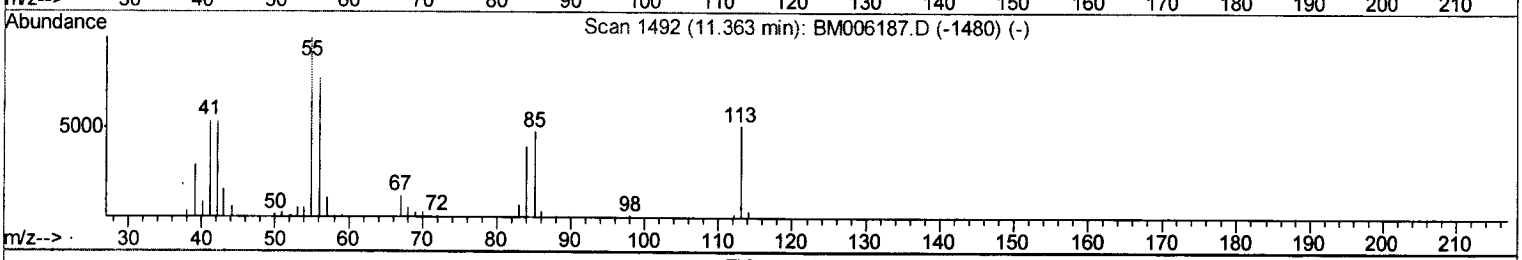

TIC: BM006188.D

(32) Caprolactam

11.375min (+0.012) 42.92ng/ul m U.M.

response 183328 07/05/16

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	188.80
56.00	150.60	140.76
0.00	0.00	0.00

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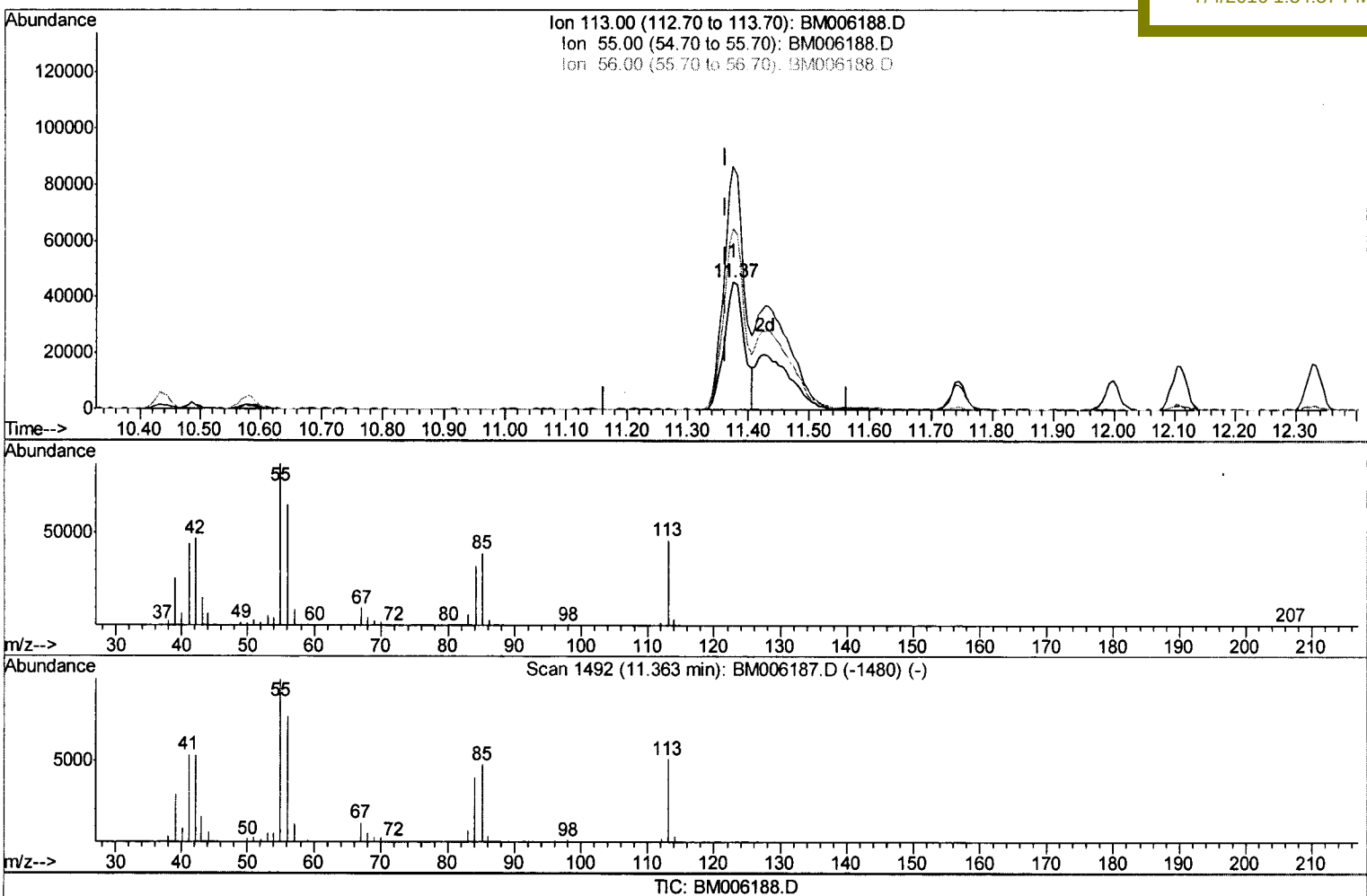

TIC: BM006188.D

(32) Caprolactam

11.375min (+0.012) 24.22ng/ul

response 103445

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	188.80
56.00	150.60	140.76
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	7.65	152	154009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	699444	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	422559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	998356	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1119901	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1261292	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	54632	13.85	ng/uL	0.00
5) Phenol-d5	6.84	99	583949	39.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	344236	41.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	433724	38.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	469548	37.52	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	224997	43.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	254737	44.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	457183	41.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	564649	47.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1373967	39.27	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1703379	40.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	279173	39.30	ng/ul	0.01
57) Fluorene-d10	15.30	176	1164187	37.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	247672	45.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	1822432	39.32	ng/ul	0.00
76) Pyrene-d10	19.46	212	2080446	44.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2242122	39.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	58517	13.41	ng/uL#	23
4) Benzaldehyde	6.80	77	366556	49.41	ng/ul	98
6) Phenol	6.86	94	613930	39.49	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	444864	39.55	ng/ul	99
10) 2-Chlorophenol	7.22	128	448841	38.39	ng/ul	99
11) 2-Methylphenol	8.10	108	467348	38.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	669611	41.61	ng/ul	99
14) Acetophenone	8.47	105	729396	38.28	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	392628	36.55	ng/ul	96
16) 4-Methylphenol	8.43	108	508629	37.75	ng/ul	99
17) Hexachloroethane	8.72	117	182287	41.69	ng/ul	91
20) Nitrobenzene	8.85	77	568192	43.71	ng/ul	97
21) Isophorone	9.37	82	1094763	41.73	ng/ul	99
23) 2-Nitrophenol	9.56	139	275745	44.93	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	574294	42.43	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	642742	41.48	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	456108	40.97	ng/ul	97
28) Naphthalene	10.49	128	1415303	39.64	ng/ul	99
30) 4-Chloroaniline	10.60	127	589883	46.14	ng/ul	99
31) Hexachlorobutadiene	10.77	225	277086	42.91	ng/ul	99
32) Caprolactam	11.37	113	183328m	42.92	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	544043	39.91	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	1060613	37.96	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	553112	41.97	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	333283	45.40	ng/ul	100
38) 2,4,6-Trichlorophenol	12.73	196	396501	43.41	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	410720	41.26	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	1354718	39.52	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	1062991	40.28	ng/ul	99
42) 2-Nitroaniline	13.39	65	418276	47.80	ng/ul	96
44) Dimethylphthalate	13.77	163	1377696	38.77	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	307363	43.63	ng/ul	98
47) Acenaphthylene	14.03	152	1781679	41.11	ng/ul	99
48) 3-Nitroaniline	14.22	138	319415	44.20	ng/ul	99
49) Acenaphthene	14.37	153	1127323	38.69	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	181503	44.42	ng/ul	97
52) 4-Nitrophenol	14.55	109	276973	42.65	ng/ul	94
53) Dibenzofuran	14.71	168	1601135	37.67	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	438328	41.74	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	373224	40.10	ng/ul	97
56) Diethylphthalate	15.14	149	1436576	38.26	ng/ul	99
58) Fluorene	15.36	166	1264361	36.28	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	615308	36.59	ng/ul	99
60) 4-Nitroaniline	15.40	138	351693	40.65	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.46	198	267436	45.12	ng/ul	97
64) N-Nitrosodiphenylamine	15.57	169	1171632	40.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	433858	41.99	ng/ul	98
66) Hexachlorobenzene	16.37	284	474085	39.82	ng/ul	99
67) Atrazine	16.53	200	463445	44.95	ng/ul	99
68) Pentachlorophenol	16.72	266	280347	38.17	ng/ul	97
69) Phenanthrene	17.10	178	2158347	38.01	ng/ul	99
71) Anthracene	17.19	178	2211252	39.14	ng/ul	99
72) Carbazole	17.47	167	2018269	39.90	ng/ul	100
73) Di-n-butylphthalate	18.03	149	2540131	39.82	ng/ul	99
74) Fluoranthene	19.13	202	2619713	39.74	ng/ul	97
77) Pyrene	19.49	202	2695386	43.38	ng/ul	98
78) Butylbenzylphthalate	20.39	149	1255523	46.88	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.18	252	900104	41.87	ng/ul	98
80) Benzo(a)anthracene	21.24	228	2635495	39.58	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	1601020	40.97	ng/ul	99
82) Chrysene	21.29	228	2395101	38.38	ng/ul	98
84) Di-n-octyl phthalate	22.04	149	3108112	44.47	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	2924718	40.47	ng/ul	100
86) Benzo(k)fluoranthene	22.86	252	2600041	36.78	ng/ul	100
88) Benzo(a)pyrene	23.39	252	2759843	38.37	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.73	276	3130295	33.91	ng/ul	99
90) Dibenzo(a,h)anthracene	25.73	278	2556009	33.38	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	2776453	34.71	ng/ul	100

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