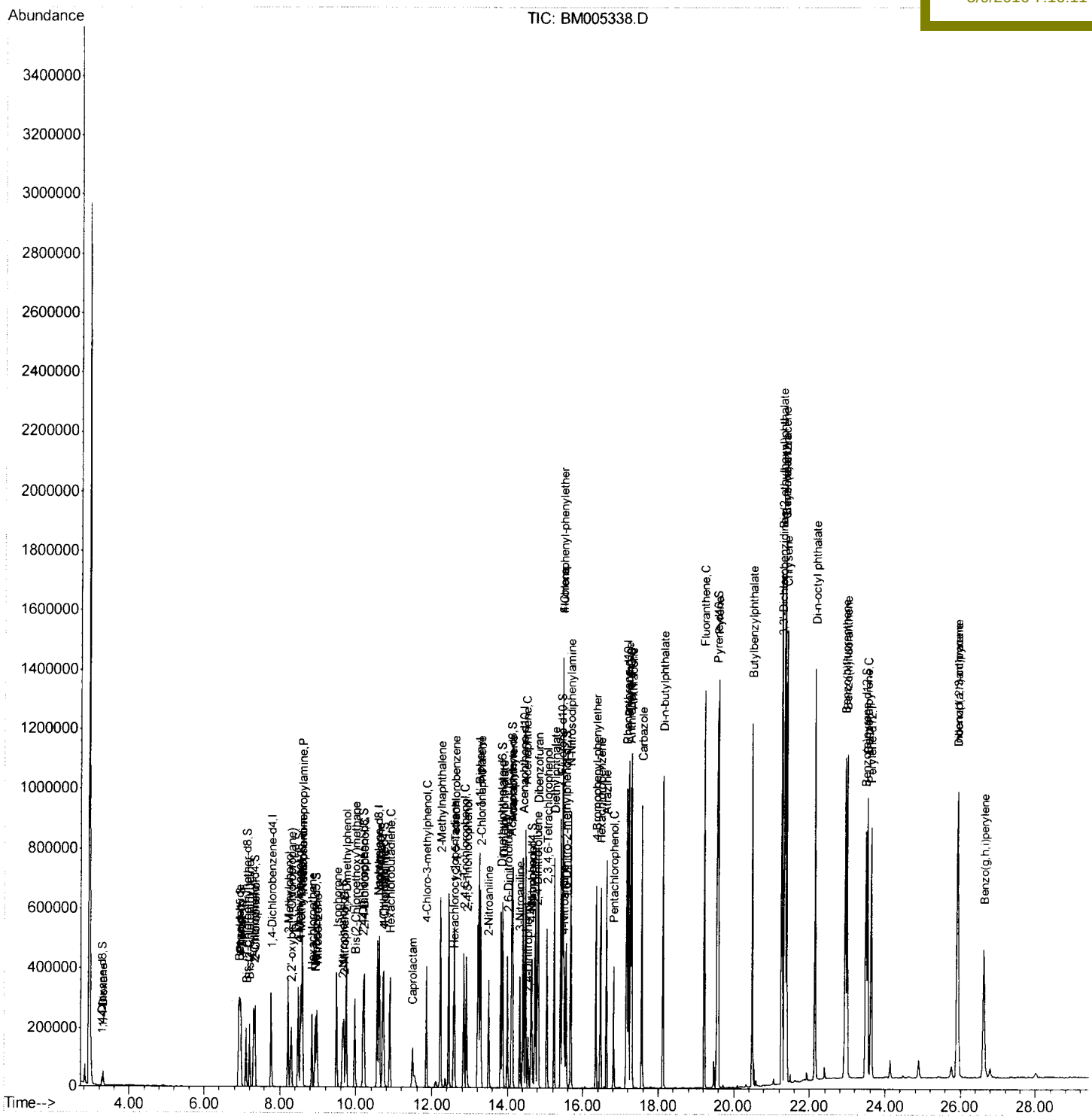
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
Data File : BM005338.D
Acq On : 08 May 2016 09:43
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 04:47:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 07 07:05:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02055

Manual Integrations APPROVED
Sohil
5/9/2016 7:16:11 PM



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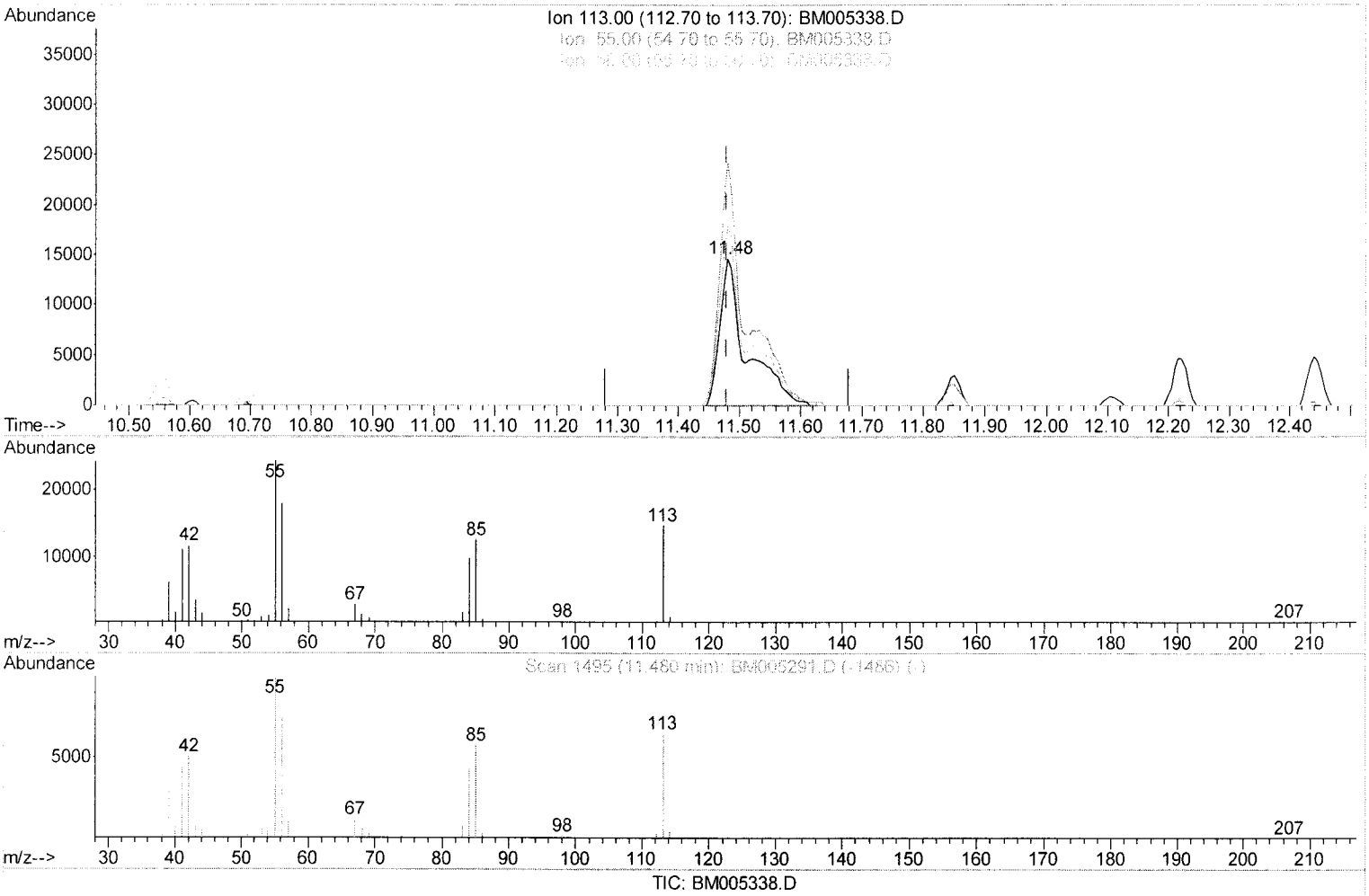

TIC: BM005338.D

(32) Caprolactam

11.481min (+0.000) 19.24ng/ul m U.M 05/10/16

response 44866

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	165.12
56.00	120.80	122.67
0.00	0.00	0.00

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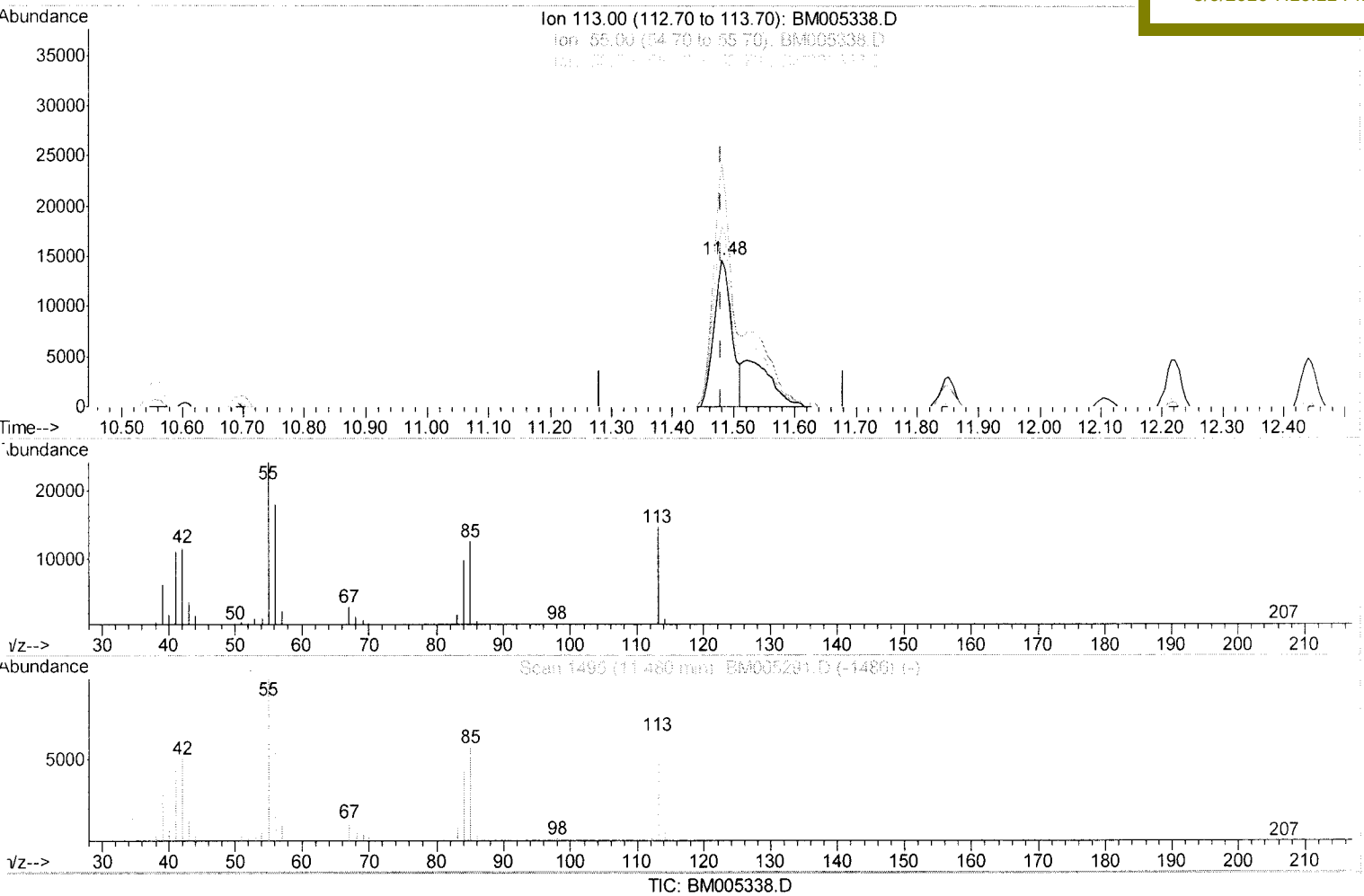

TIC: BM005338.D

(32) Caprolactam

11.481min (+0.000) 12.72ng/ul

response 29664

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	165.12
56.00	120.80	122.67
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	7.77	152	85771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	406851	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	259109	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	628040	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	673202	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	616908	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	13947	7.65	ng/uL	0.00
5) Phenol-d5	6.94	99	154263	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	87551	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	119572	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	129263	20.10	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	60650	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	69610	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	129033	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	174161	23.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	419195	20.18	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	512526	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	72170	19.04	ng/ul	0.00
57) Fluorene-d10	15.40	176	370386	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	72385	20.49	ng/ul	0.00
70) Anthracene-d10	17.26	188	582692	20.99	ng/ul	0.00
76) Pyrene-d10	19.56	212	657643	21.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	579534	21.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	25333	7.62	ng/uL#	97
4) Benzaldehyde	6.92	77	96858	25.70	ng/ul	98
6) Phenol	6.97	94	161310	20.06	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	119654	19.77	ng/ul	98
10) 2-Chlorophenol	7.33	128	121845	20.27	ng/ul	98
11) 2-Methylphenol	8.21	108	123663	19.90	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.30	45	163282	19.89	ng/ul	99
14) Acetophenone	8.59	105	198115	20.80	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	101551	20.40	ng/ul	98
16) 4-Methylphenol	8.54	108	138609	20.10	ng/ul	95
17) Hexachloroethane	8.84	117	46797	20.69	ng/ul	92
20) Nitrobenzene	8.97	77	149444	20.55	ng/ul	96
21) Isophorone	9.49	82	286956	20.32	ng/ul	98
23) 2-Nitrophenol	9.68	139	74482	21.02	ng/ul	99
24) 2,4-Dimethylphenol	9.73	107	157772	20.99	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	172634	19.63	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	131659	21.03	ng/ul	98
28) Naphthalene	10.60	128	417836	20.41	ng/ul	99
30) 4-Chloroaniline	10.72	127	175415	23.38	ng/ul	99
31) Hexachlorobutadiene	10.89	225	80765	21.71	ng/ul	97
32) Caprolactam	11.48	113	44866m	19.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	156135	20.80	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	312410	20.41	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	166876	21.17 ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	74867	18.59 ng/ul	93
38) 2,4,6-Trichlorophenol	12.84	196	110372	21.02 ng/ul	93
39) 2,4,5-Trichlorophenol	12.91	196	121773	20.91 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	418490	20.39 ng/ul	99
41) 2-Chloronaphthalene	13.28	162	325132	20.95 ng/ul	98
42) 2-Nitroaniline	13.49	65	102943	21.54 ng/ul	97
44) Dimethylphthalate	13.87	163	417353	20.11 ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	88393	21.60 ng/ul#	91
47) Acenaphthylene	14.13	152	537855	20.87 ng/ul	99
48) 3-Nitroaniline	14.32	138	94842	21.74 ng/ul	98
49) Acenaphthene	14.47	153	351217	20.68 ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	40435	17.17 ng/ul	90
52) 4-Nitrophenol	14.64	109	62873	19.95 ng/ul	92
53) Dibenzofuran	14.81	168	508558	20.64 ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	131135	21.49 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.04	232	105006	21.20 ng/ul#	95
56) Diethylphthalate	15.23	149	429606	20.49 ng/ul	100
58) Fluorene	15.46	166	400260	20.77 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	200413	20.99 ng/ul	99
60) 4-Nitroaniline	15.49	138	97091	21.00 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.55	198	76531	20.62 ng/ul#	90
64) N-Nitrosodiphenylamine	15.67	169	360466	20.96 ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	128522	21.34 ng/ul	97
66) Hexachlorobenzene	16.47	284	145360	21.52 ng/ul	95
67) Atrazine	16.62	200	139702	22.26 ng/ul	99
68) Pentachlorophenol	16.82	266	77849	20.75 ng/ul	97
69) Phenanthrene	17.20	178	685515	20.76 ng/ul	100
71) Anthracene	17.29	178	692671	21.04 ng/ul	99
72) Carbazole	17.56	167	630053	21.75 ng/ul	99
73) Di-n-butylphthalate	18.12	149	745322	21.10 ng/ul	100
74) Fluoranthene	19.22	202	808268	22.09 ng/ul	98
77) Pyrene	19.59	202	823947	21.10 ng/ul	98
78) Butylbenzylphthalate	20.48	149	359813	22.19 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	266632	22.03 ng/ul	99
80) Benzo(a)anthracene	21.34	228	800514	20.67 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	501417	22.26 ng/ul	98
82) Chrysene	21.39	228	770383	20.97 ng/ul	99
84) Di-n-octyl phthalate	22.14	149	901483	25.02 ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	786864	21.82 ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	746781	22.00 ng/ul	99
88) Benzo(a)pyrene	23.53	252	714137	20.94 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	688689	18.51 ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	589338	18.92 ng/ul	98
91) Benzo(g,h,i)perylene	26.62	276	554706	17.60 ng/ul	98

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