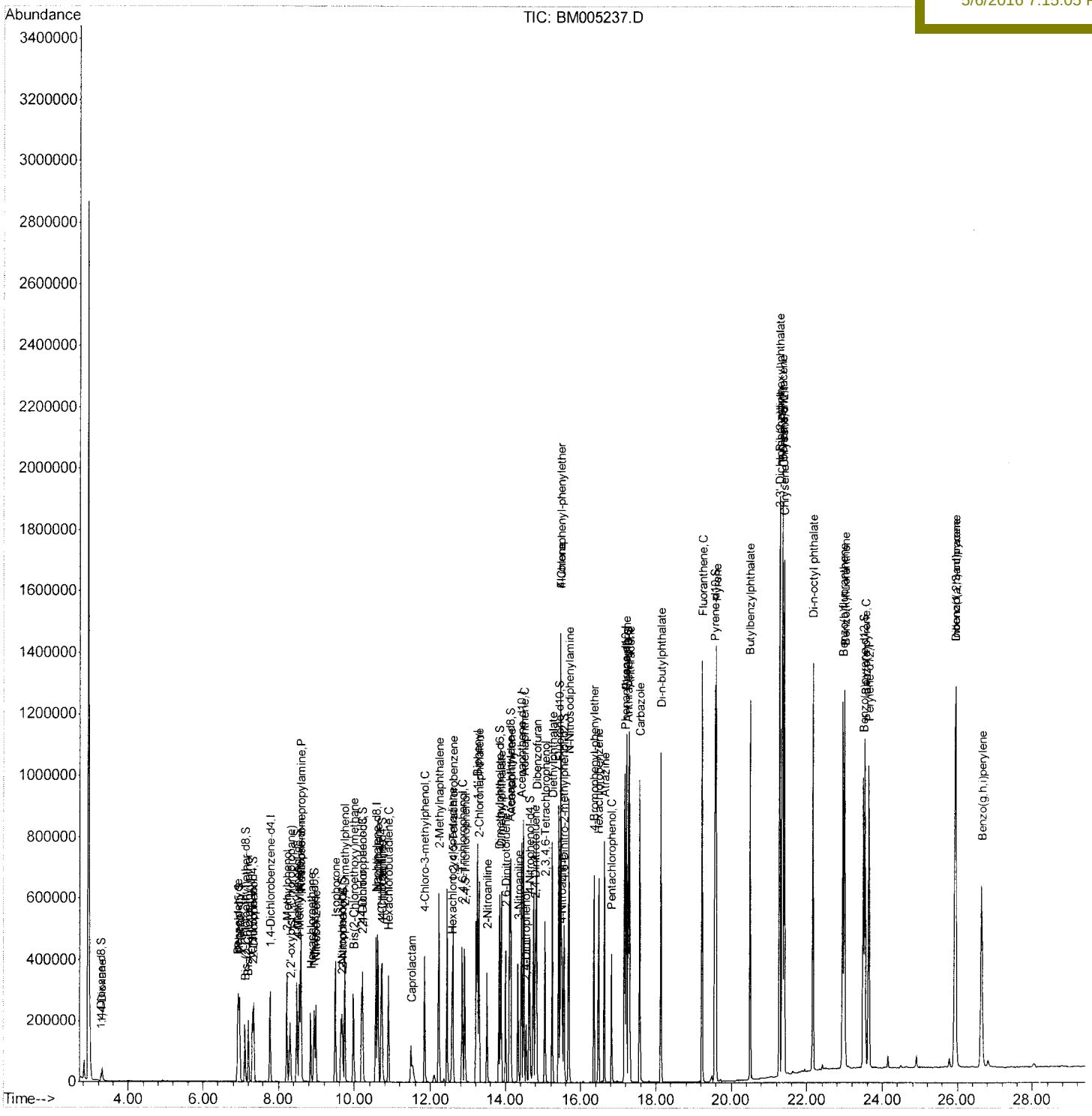
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005237.D
Acq On : 05 May 2016 16:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 05 17:08:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 05 16:29:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02046

Manual Integrations APPROVED
sohil
5/6/2016 7:15:05 PM



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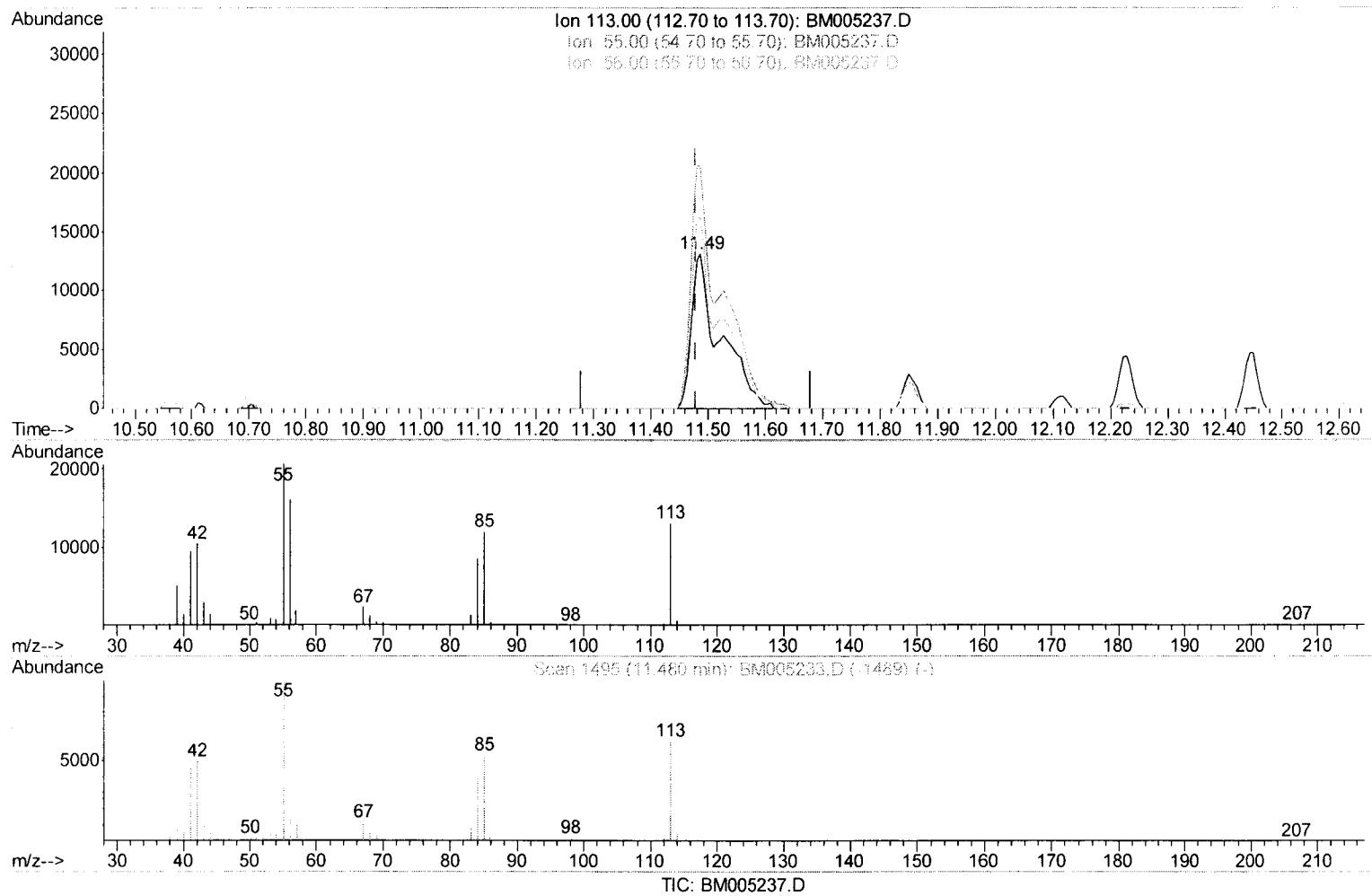

TIC: BM005237.D

(32) Caprolactam

11.486min (+0.006) 20.39ng/ul m U.M 05/07/16

response 46098

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	156.85
56.00	120.80	123.53
0.00	0.00	0.00

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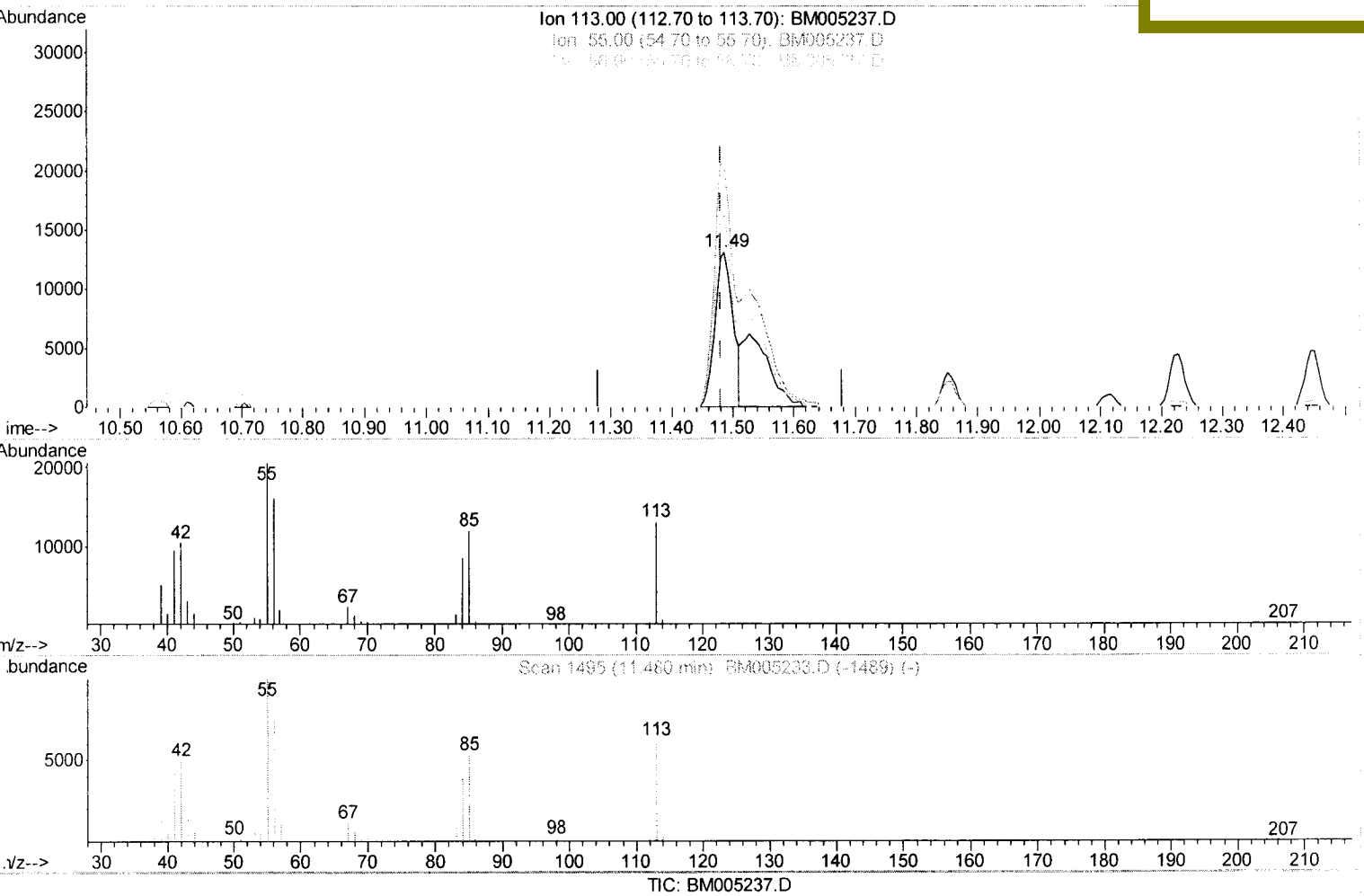

TIC: BM005237.D

(32) Caprolactam

11.486min (+0.006) 11.97ng/ul

response 27046

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	156.85
56.00	120.80	123.53
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	81056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	394308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	258750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	629657	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	713059	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	715760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	13343	7.74	ng/uL	0.00
5) Phenol-d5	6.95	99	146259	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	85030	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	111702	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	123114	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	58028	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	66852	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	121903	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	169926	23.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	424505	20.47	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	502910	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	77304	20.42	ng/ul	0.00
57) Fluorene-d10	15.41	176	369219	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	75918	21.43	ng/ul	0.00
70) Anthracene-d10	17.26	188	587737	21.12	ng/ul	0.00
76) Pyrene-d10	19.56	212	674839	20.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	665634	21.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	24073	7.66	ng/uL#	94
4) Benzaldehyde	6.92	77	92142	25.87	ng/ul	99
6) Phenol	6.97	94	152257	20.04	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	115485	20.19	ng/ul	98
10) 2-Chlorophenol	7.34	128	114817	20.22	ng/ul	98
11) 2-Methylphenol	8.22	108	118792	20.23	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	157125	20.25	ng/ul	99
14) Acetophenone	8.59	105	191709	21.29	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	99896	21.24	ng/ul	98
16) 4-Methylphenol	8.55	108	133515	20.49	ng/ul	97
17) Hexachloroethane	8.85	117	43197	20.21	ng/ul	95
20) Nitrobenzene	8.97	77	144047	20.44	ng/ul	97
21) Isophorone	9.49	82	284668	20.80	ng/ul	98
23) 2-Nitrophenol	9.68	139	72061	20.98	ng/ul	98
24) 2,4-Dimethylphenol	9.74	107	150363	20.64	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	169708	19.91	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	124938	20.59	ng/ul	98
28) Naphthalene	10.61	128	405261	20.43	ng/ul	99
30) 4-Chloroaniline	10.73	127	173867	23.91	ng/ul	97
31) Hexachlorobutadiene	10.89	225	75491	20.94	ng/ul	98
32) Caprolactam	11.49	113	46098m	20.39	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	150776	20.73	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	307806	20.74	ng/ul	97

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5/6/2016 7:15:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	158108	20.09	ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	78610	19.55	ng/ul	94
38) 2,4,6-Trichlorophenol	12.85	196	106033	20.23	ng/ul	94
39) 2,4,5-Trichlorophenol	12.92	196	118536	20.38	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	414175	20.21	ng/ul	100
41) 2-Chloronaphthalene	13.29	162	315745	20.37	ng/ul	99
42) 2-Nitroaniline	13.50	65	100222	21.00	ng/ul	98
44) Dimethylphthalate	13.87	163	423266	20.42	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	87513	21.41	ng/ul#	90
47) Acenaphthylene	14.14	152	530012	20.59	ng/ul	100
48) 3-Nitroaniline	14.33	138	96358	22.12	ng/ul	97
49) Acenaphthene	14.48	153	348080	20.52	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	42842	18.22	ng/ul	97
52) 4-Nitrophenol	14.64	109	64387	20.46	ng/ul	99
53) Dibenzofuran	14.82	168	510128	20.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	132726	21.78	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.04	232	104102	21.05	ng/ul#	96
56) Diethylphthalate	15.24	149	433809	20.72	ng/ul	99
58) Fluorene	15.47	166	405577	21.08	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	201283	21.11	ng/ul	99
60) 4-Nitroaniline	15.50	138	102213	22.14	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	80016	21.50	ng/ul#	93
64) N-Nitrosodiphenylamine	15.67	169	364805	21.16	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	128369	21.26	ng/ul	96
66) Hexachlorobenzene	16.47	284	140994	20.82	ng/ul	98
67) Atrazine	16.63	200	139850	22.23	ng/ul	98
68) Pentachlorophenol	16.82	266	76837	20.42	ng/ul	97
69) Phenanthrene	17.21	178	693710	20.95	ng/ul	99
71) Anthracene	17.30	178	700885	21.23	ng/ul	100
72) Carbazole	17.57	167	645400	22.22	ng/ul	99
73) Di-n-butylphthalate	18.13	149	756058	21.34	ng/ul	100
74) Fluoranthene	19.23	202	828479	22.59	ng/ul	99
77) Pyrene	19.59	202	854796	20.67	ng/ul	99
78) Butylbenzylphthalate	20.49	149	363925	21.19	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.28	252	290257	22.64	ng/ul	99
80) Benzo(a)anthracene	21.34	228	839251	20.46	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	511729	21.45	ng/ul#	98
82) Chrysene	21.40	228	805841	20.71	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	921734	22.05	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	877953	20.98	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	825569	20.96	ng/ul	99
88) Benzo(a)pyrene	23.54	252	822555	20.79	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.94	276	906227	20.99	ng/ul	98
90) Dibenzo(a,h)anthracene	25.95	278	767717	21.25	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	761331	20.82	ng/ul	99

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