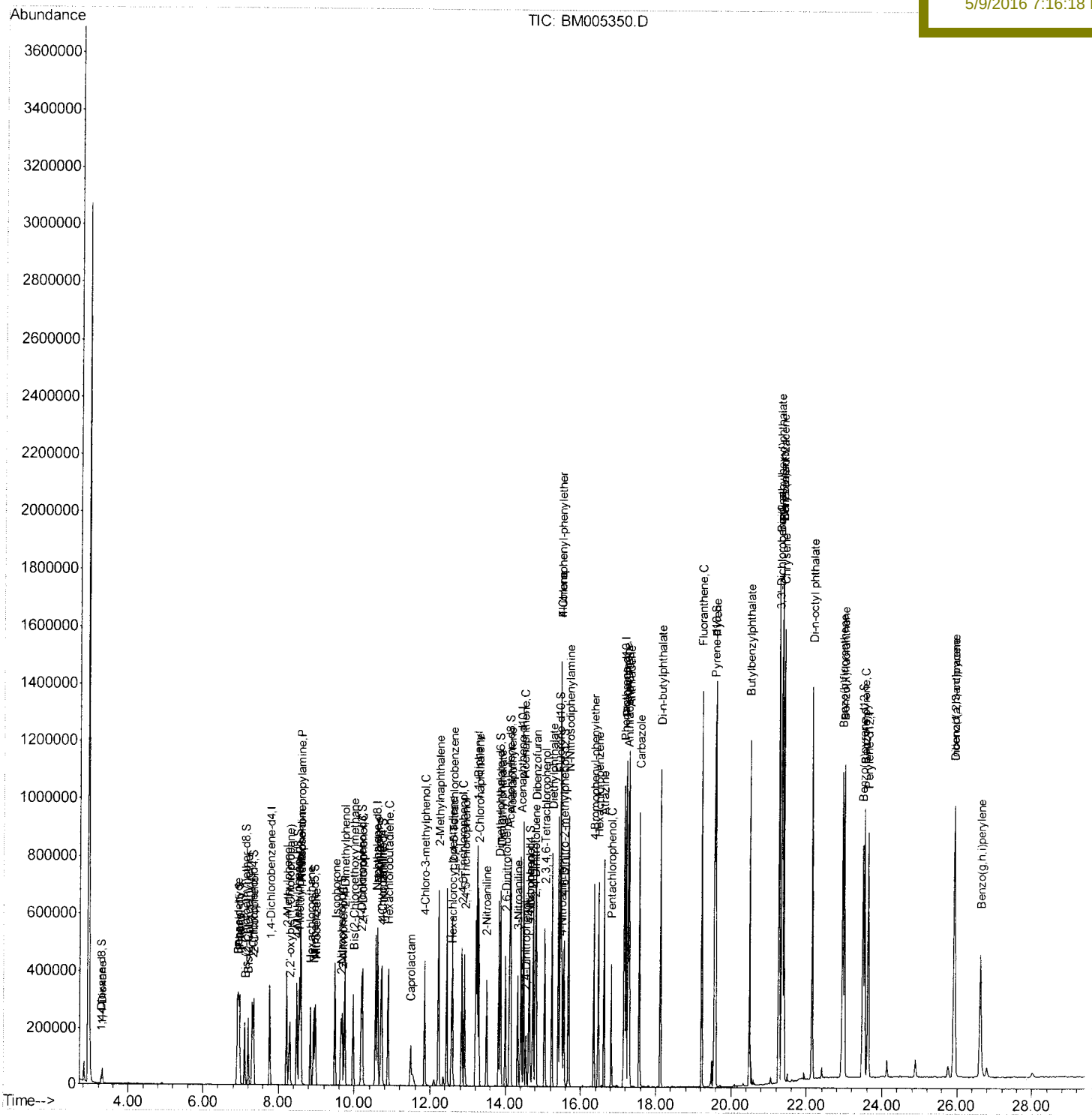
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050716\
Data File : BM005350.D
Acq On : 08 May 2016 17:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 05:22:23 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 :
SSTD02056

Manual Integrations APPROVED
Sohil
5/9/2016 7:16:18 PM



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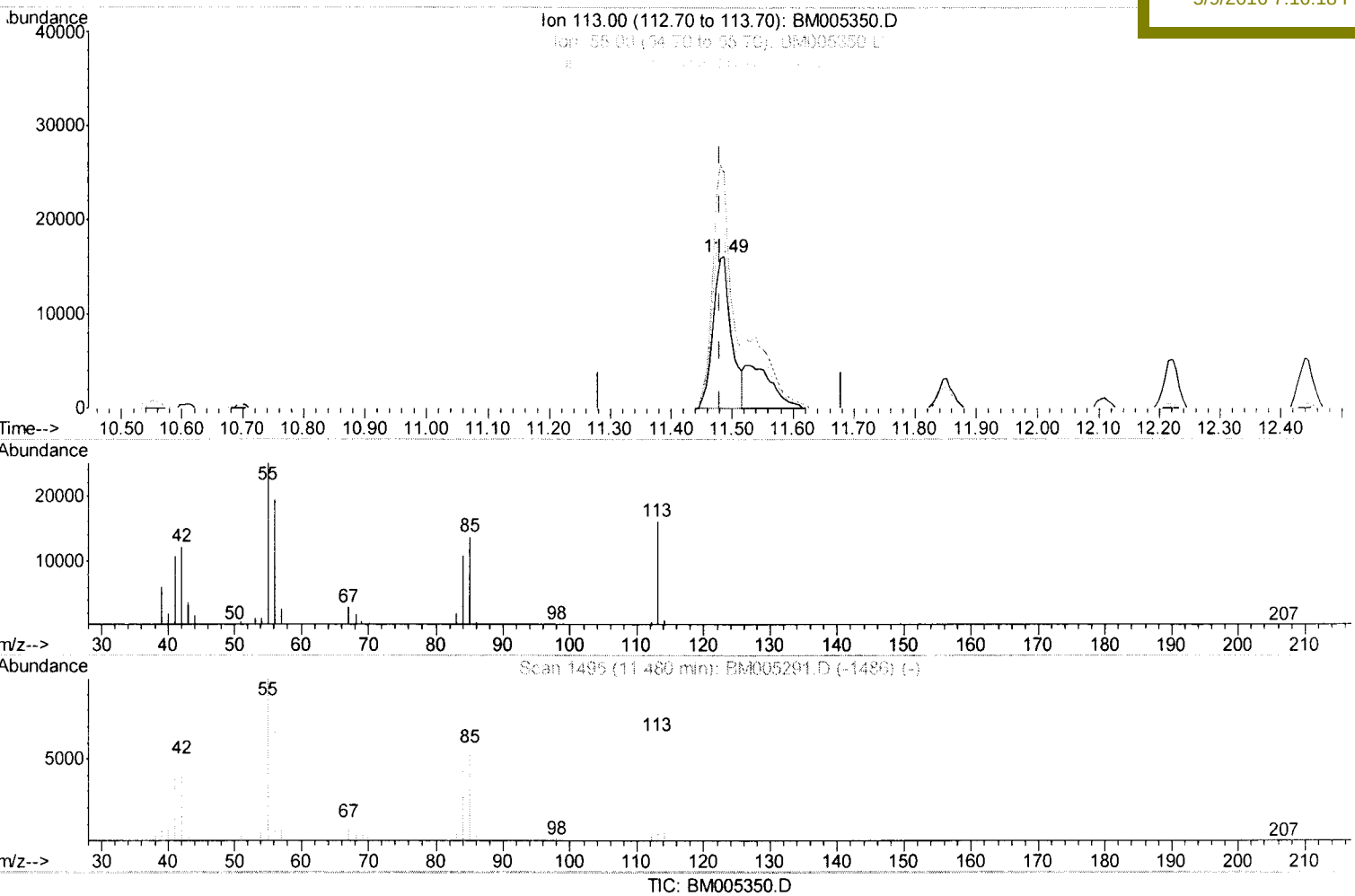

TIC: BM005350.D

(32) Caprolactam

11.486min (+0.006) 13.25ng/ul

response 33449

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	155.37
56.00	120.80	120.73
0.00	0.00	0.00

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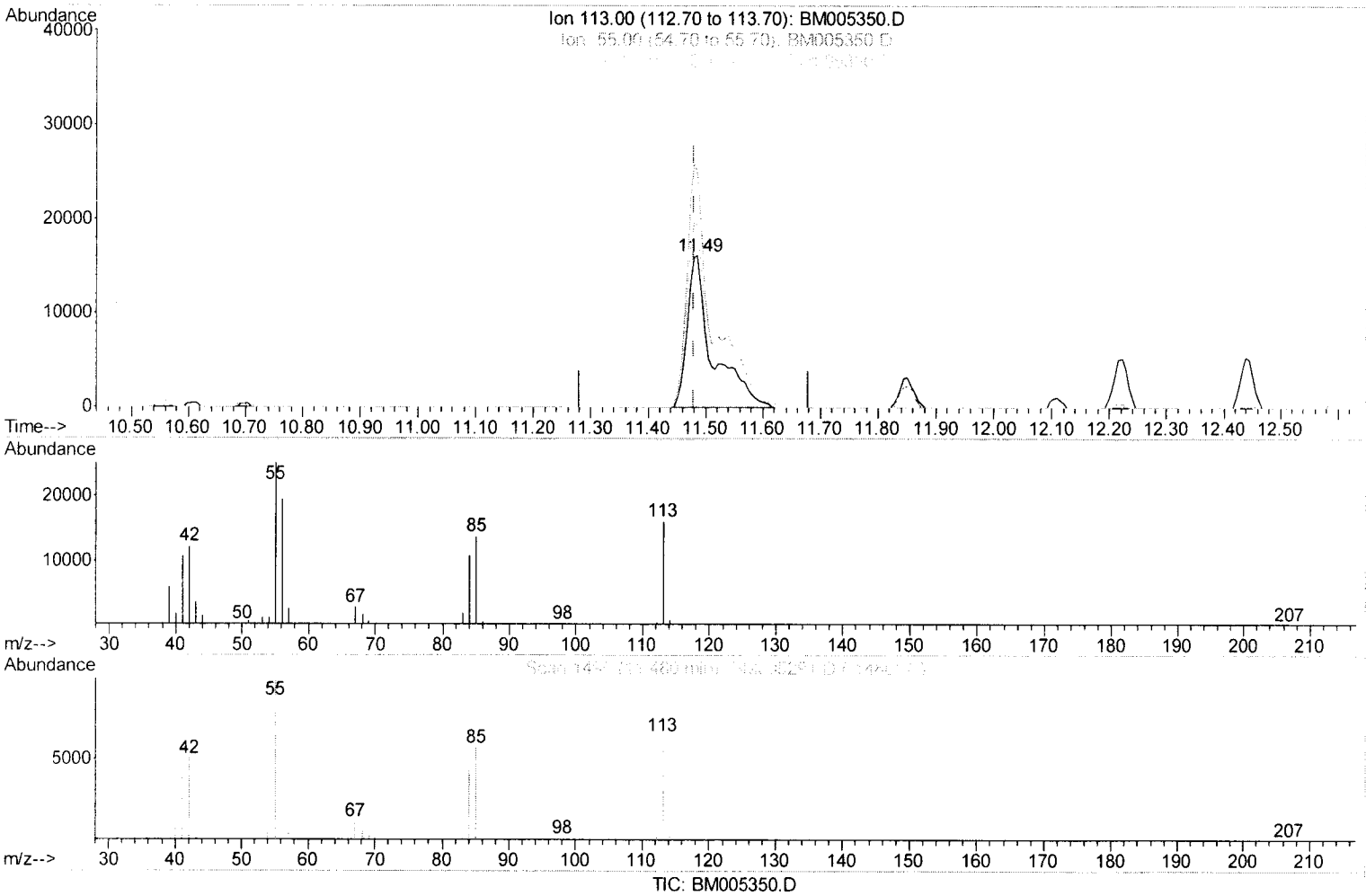

(32) Caprolactam

11.486min (+0.006) 19.04ng/ul m U.M
05/10/16

response 48068

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	155.37
56.00	120.80	120.73
0.00	0.00	0.00

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Sohil
5/9/2016 7:16:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	94906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	440493	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	276373	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	641025	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	679978	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	613741	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	15486	7.67	ng/uL	0.00
5) Phenol-d5	6.94	99	168873	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	96209	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	132351	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	140907	19.81	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	67165	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	76288	21.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	139985	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	188235	23.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	442276	19.97	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	538761	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	74892	18.52	ng/ul	0.00
57) Fluorene-d10	15.40	176	386333	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	75252	20.87	ng/ul	0.00
70) Anthracene-d10	17.26	188	600705	21.20	ng/ul	0.00
76) Pyrene-d10	19.56	212	669817	21.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	575605	21.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	28420	7.72	ng/uL	96
4) Benzaldehyde	6.92	77	107404	25.75	ng/ul	97
6) Phenol	6.97	94	175968	19.78	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	132445	19.77	ng/ul	99
10) 2-Chlorophenol	7.33	128	134197	20.18	ng/ul	98
11) 2-Methylphenol	8.21	108	136283	19.82	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	179419	19.75	ng/ul	99
14) Acetophenone	8.59	105	214820	20.38	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	109147	19.82	ng/ul	98
16) 4-Methylphenol	8.54	108	150088	19.67	ng/ul	100
17) Hexachloroethane	8.84	117	52138	20.84	ng/ul	93
20) Nitrobenzene	8.97	77	162321	20.62	ng/ul	96
21) Isophorone	9.49	82	311191	20.35	ng/ul	98
23) 2-Nitrophenol	9.67	139	80805	21.06	ng/ul	100
24) 2,4-Dimethylphenol	9.73	107	170195	20.91	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	185638	19.50	ng/ul	98
27) 2,4-Dichlorophenol	10.21	162	141102	20.82	ng/ul	98
28) Naphthalene	10.60	128	454878	20.52	ng/ul	99
30) 4-Chloroaniline	10.72	127	188512	23.21	ng/ul	98
31) Hexachlorobutadiene	10.89	225	88896	22.07	ng/ul	98
32) Caprolactam	11.49	113	48068m	19.04	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	165281	20.34	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	335749	20.25	ng/ul	99

U.M 05/10/16

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5/9/2016 7:16:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	178260	21.20	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	81695	19.02	ng/ul	95
38) 2,4,6-Trichlorophenol	12.84	196	116883	20.87	ng/ul	95
39) 2,4,5-Trichlorophenol	12.91	196	127808	20.57	ng/ul	98
40) 1,1'-Biphenyl	13.24	154	446093	20.38	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	341371	20.62	ng/ul	98
42) 2-Nitroaniline	13.49	65	106312	20.86	ng/ul	95
44) Dimethylphthalate	13.87	163	439993	19.88	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	92535	21.20	ng/ul	92
47) Acenaphthylene	14.13	152	568441	20.68	ng/ul	100
48) 3-Nitroaniline	14.32	138	99540	21.39	ng/ul	95
49) Acenaphthene	14.47	153	369458	20.39	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	42508	16.93	ng/ul	91
52) 4-Nitrophenol	14.64	109	64254	19.11	ng/ul	96
53) Dibenzofuran	14.81	168	534806	20.35	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	136341	20.95	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.04	232	110346	20.89	ng/ul#	95
56) Diethylphthalate	15.23	149	447845	20.03	ng/ul	99
58) Fluorene	15.46	166	419634	20.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	211096	20.73	ng/ul	99
60) 4-Nitroaniline	15.49	138	100913	20.46	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.55	198	78255	20.65	ng/ul#	90
64) N-Nitrosodiphenylamine	15.67	169	376105	21.43	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	133363	21.70	ng/ul	98
66) Hexachlorobenzene	16.47	284	150830	21.88	ng/ul	98
67) Atrazine	16.62	200	144480	22.55	ng/ul	100
68) Pentachlorophenol	16.82	266	78728	20.55	ng/ul	99
69) Phenanthrene	17.20	178	707099	20.98	ng/ul	100
71) Anthracene	17.29	178	714327	21.26	ng/ul	100
72) Carbazole	17.57	167	645205	21.82	ng/ul	99
73) Di-n-butylphthalate	18.12	149	771897	21.40	ng/ul	100
74) Fluoranthene	19.22	202	827725	22.17	ng/ul	98
77) Pyrene	19.59	202	839198	21.28	ng/ul	99
78) Butylbenzylphthalate	20.49	149	367702	22.45	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	270325	22.11	ng/ul	99
80) Benzo(a)anthracene	21.34	228	801938	20.50	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	512045	22.51	ng/ul	99
82) Chrysene	21.39	228	773997	20.86	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	922371	25.73	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	765772	21.35	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	757312	22.42	ng/ul	99
88) Benzo(a)pyrene	23.53	252	710216	20.93	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.92	276	682021	18.42	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	585392	18.89	ng/ul	98
91) Benzo(g,h,i)perylene	26.62	276	550251	17.55	ng/ul	98

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