Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071015\
Data File : BM001896.D
Acq On : 10 Jul 2015 18:00
Operator : TP/UM
Sample : SSTD16035
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 11 01:23:24 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 11 01:06:11 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD16035

Manual Integrations APPROVED
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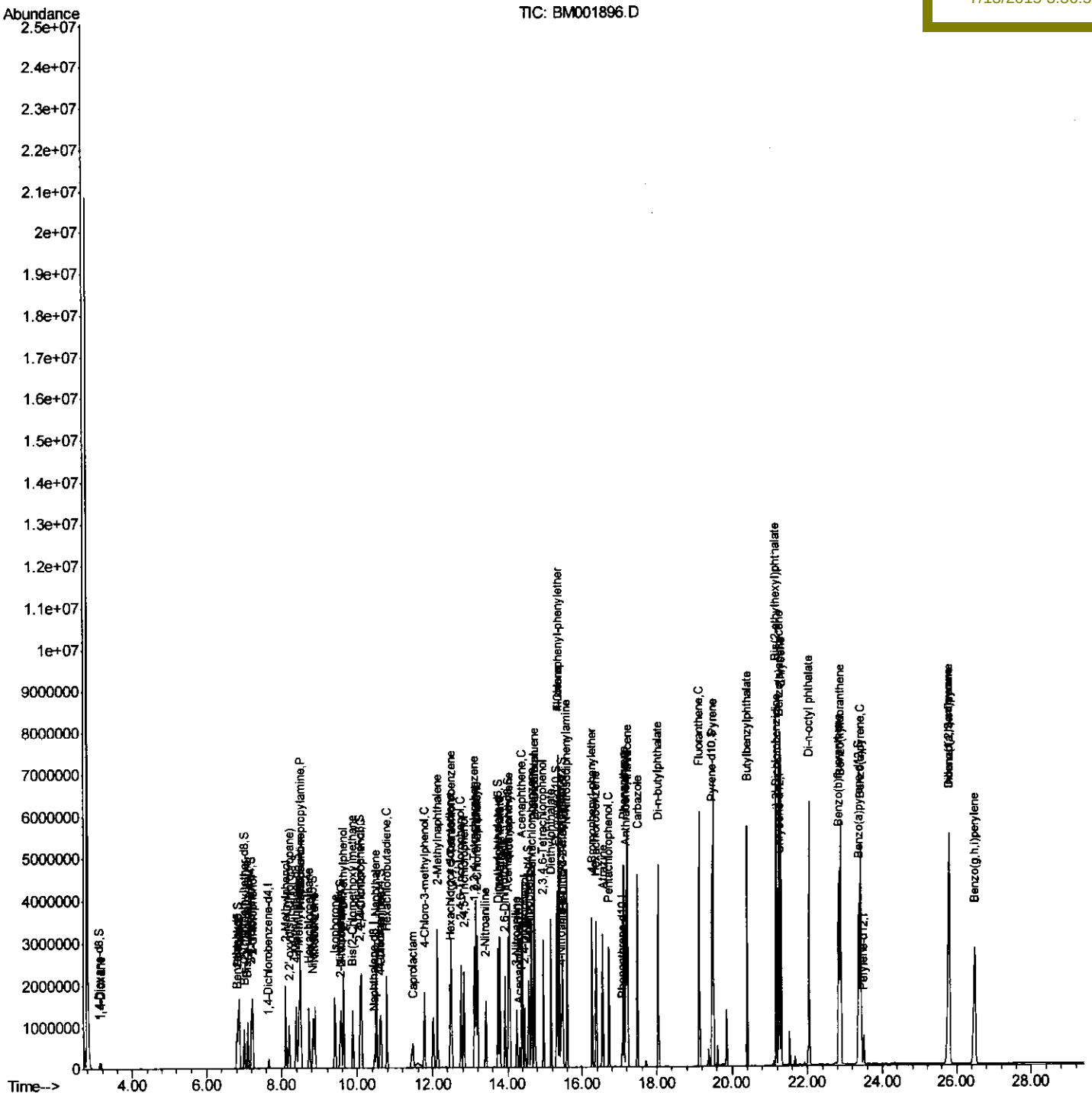

Quantitation Report (Qedit)

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Quant Time: Jul 11 01:09:51 2015
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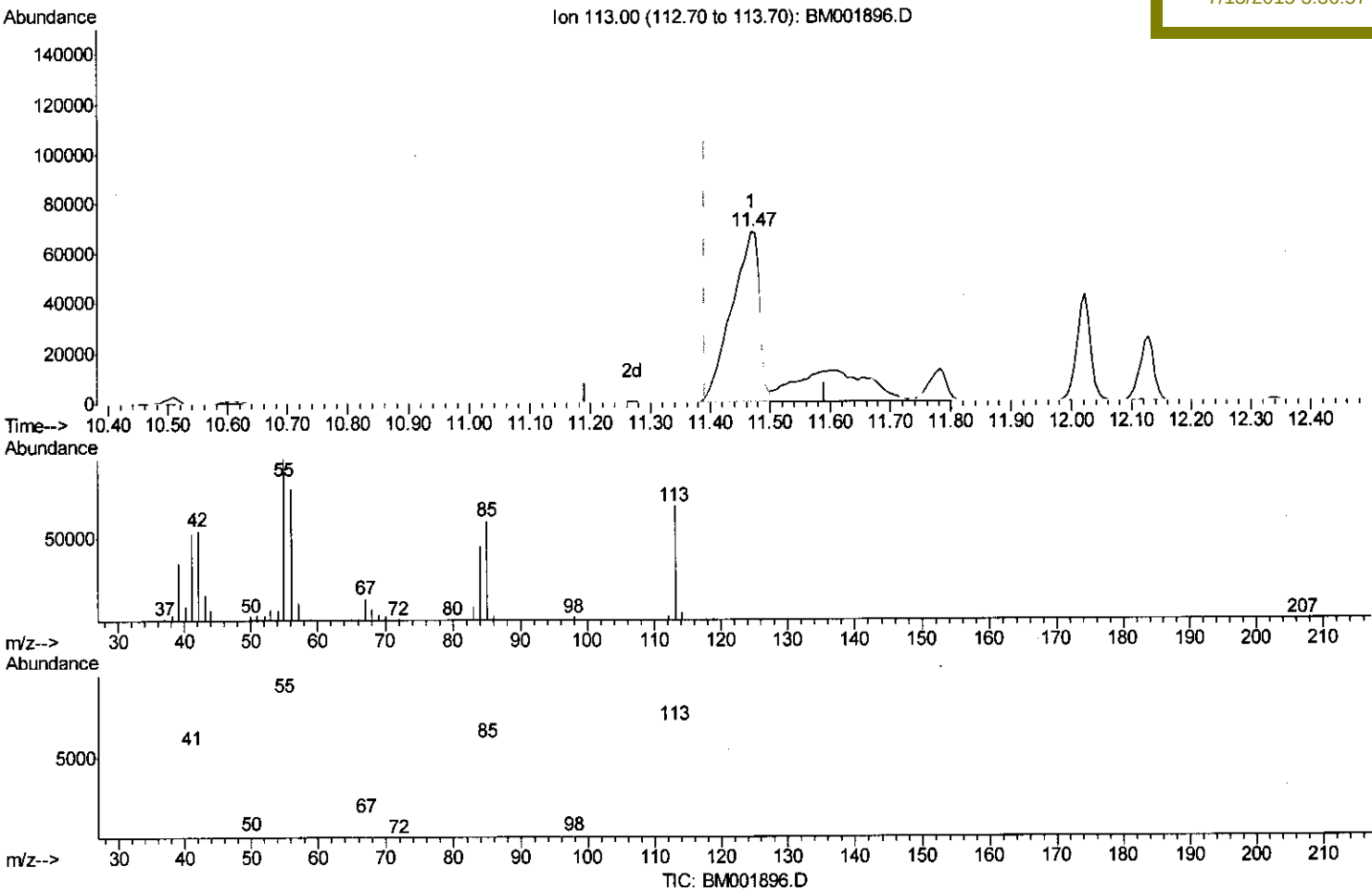

(32) Caprolactam

11.469min (+0.077) 112.61ng/ul

response 219202

Ion	Exp%	Act%
113.00	100	100
55.00	144.50	141.87
56.00	112.90	115.59
0.00	0.00	0.00

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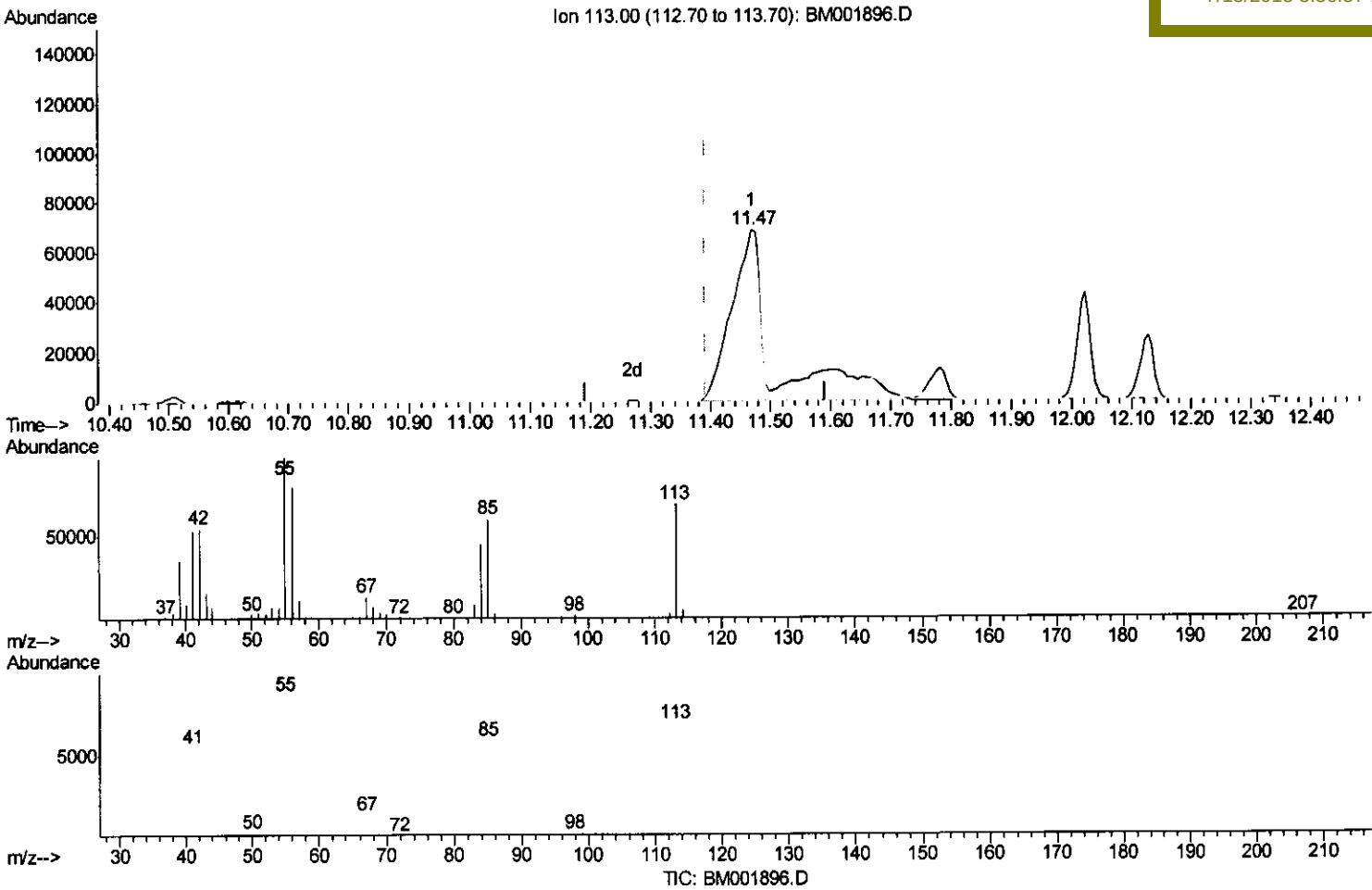

(32) Caprolactam

11.469min (+0.077) 168.29ng/ul m T.P 7/20/15

response 327587

Ion	Exp%	Act%
113.00	100	100
55.00	144.50	141.87
56.00	112.90	115.59
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	62776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	271804	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	174230	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	399941	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	499277	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	501432	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	73107	47.39	ng/uL	0.00
5) Phenol-d5	6.85	99	854228	139.84	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.00	67	434676	130.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	684006	141.89	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	688088	138.15	ng/ul	0.02
19) Nitrobenzene-d5	8.83	128	326386	137.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	384726	146.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	752835	136.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.60	131	521424	89.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2086727	128.44	ng/ul	0.02
46) Acenaphthylene-d8	14.02	160	2552867	123.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	379575	128.31	ng/ul	0.04
57) Fluorene-d10	15.32	176	1800626	122.65	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	433109	140.82	ng/ul	0.02
70) Anthracene-d10	17.17	188	2818409	123.78	ng/ul	0.01
78) Pyrene-d10	19.47	212	3202343	123.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	3775968	133.27	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	75756	43.54	ng/uL	98
4) Benzaldehyde	6.80	77	296028	76.77	ng/ul	97
6) Phenol	6.87	94	877328	139.16	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	616218	132.79	ng/ul	98
10) 2-Chlorophenol	7.23	128	696103	140.03	ng/ul	99
11) 2-Methylphenol	8.11	108	664397	140.97	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	696713	125.73	ng/ul	99
14) Acetophenone	8.50	105	1072631	136.63	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	540710	139.35	ng/ul	99
16) 4-Methylphenol	8.46	108	722379	140.53	ng/ul	98
17) Hexachloroethane	8.73	117	260289	133.66	ng/ul	96
20) Nitrobenzene	8.88	77	782782	126.59	ng/ul	98
21) Isophorone	9.41	82	1433047	133.78	ng/ul	99
23) 2-Nitrophenol	9.58	139	404678	141.37	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	827639	129.88	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	833154	127.80	ng/ul	100
27) 2,4-Dichlorophenol	10.11	162	726723	137.05	ng/ul	100
28) Naphthalene	10.50	128	2103242	126.39	ng/ul	100
30) 4-Chloroaniline	10.62	127	535389	90.72	ng/ul	96
31) Hexachlorobutadiene	10.78	225	497119	126.27	ng/ul	99
32) Caprolactam	11.47	113	327587m	168.29	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	760636	133.43	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	1580752	129.62	ng/ul	99

T.P 7/20/15

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7/13/2015 3:36:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	956482	122.04	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	598486	128.09	ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	622173	131.78	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	669500	129.67	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2100547	121.93	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	1637240	121.20	ng/ul	100
42) 2-Nitroaniline	13.42	65	486102	130.97	ng/ul	99
44) Dimethylphthalate	13.79	163	2108630	121.93	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	466857	137.57	ng/ul	98
47) Acenaphthylene	14.05	152	2604094	123.43	ng/ul	100
48) 3-Nitroaniline	14.25	138	355486	110.86	ng/ul	97
49) Acenaphthene	14.39	153	1736638	123.81	ng/ul	100
50) 2,4-Dinitrophenol	14.46	184	319440	150.08	ng/ul	96
52) 4-Nitrophenol	14.58	109	359267	119.92	ng/ul	98
53) Dibenzofuran	14.73	168	2490390	123.23	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	680416	136.49	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.96	232	613950	136.08	ng/ul	98
56) Diethylphthalate	15.16	149	2097115	125.63	ng/ul	99
58) Fluorene	15.38	166	2132723	126.26	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	1142013	125.27	ng/ul	98
60) 4-Nitroaniline	15.44	138	415607	116.89	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.49	198	453646	138.71	ng/ul	95
64) N-Nitrosodiphenylamine	15.59	169	1801888	125.72	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	701809	127.42	ng/ul	96
66) Hexachlorobenzene	16.38	284	769265	125.67	ng/ul	99
67) Atrazine	16.56	200	711585	122.23	ng/ul	99
68) Pentachlorophenol	16.73	266	530264	137.52	ng/ul	99
69) Phenanthrene	17.12	178	3261401	123.60	ng/ul	99
71) Anthracene	17.22	178	3380484	124.52	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	952743	125.51	ng/uL	99
73) Pentachlorobenzene	14.65	250	915820	127.11	ng/uL	99
74) Carbazole	17.49	167	2966043	124.22	ng/ul	99
75) Di-n-butylphthalate	18.04	149	3549406	134.48	ng/ul	100
76) Fluoranthene	19.14	202	3964799	124.73	ng/ul	98
79) Pyrene	19.51	202	4133748	121.42	ng/ul	97
80) Butylbenzylphthalate	20.40	149	1692667	141.54	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.20	252	1287303	112.53	ng/ul	99
82) Benzo(a)anthracene	21.26	228	4307239	120.64	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	2524273	141.76	ng/ul	99
84) Chrysene	21.32	228	4046031	120.28	ng/ul	98
86) Di-n-octyl phthalate	22.06	149	4341213	135.51	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	4562380	126.17	ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	4127308	120.10	ng/ul	99
90) Benzo(a)pyrene	23.43	252	4284031	122.95	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	4889184	118.48	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.81	278	4187417	119.97	ng/ul	98
93) Benzo(g,h,i)perylene	26.49	276	3975104	115.08	ng/ul	100

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