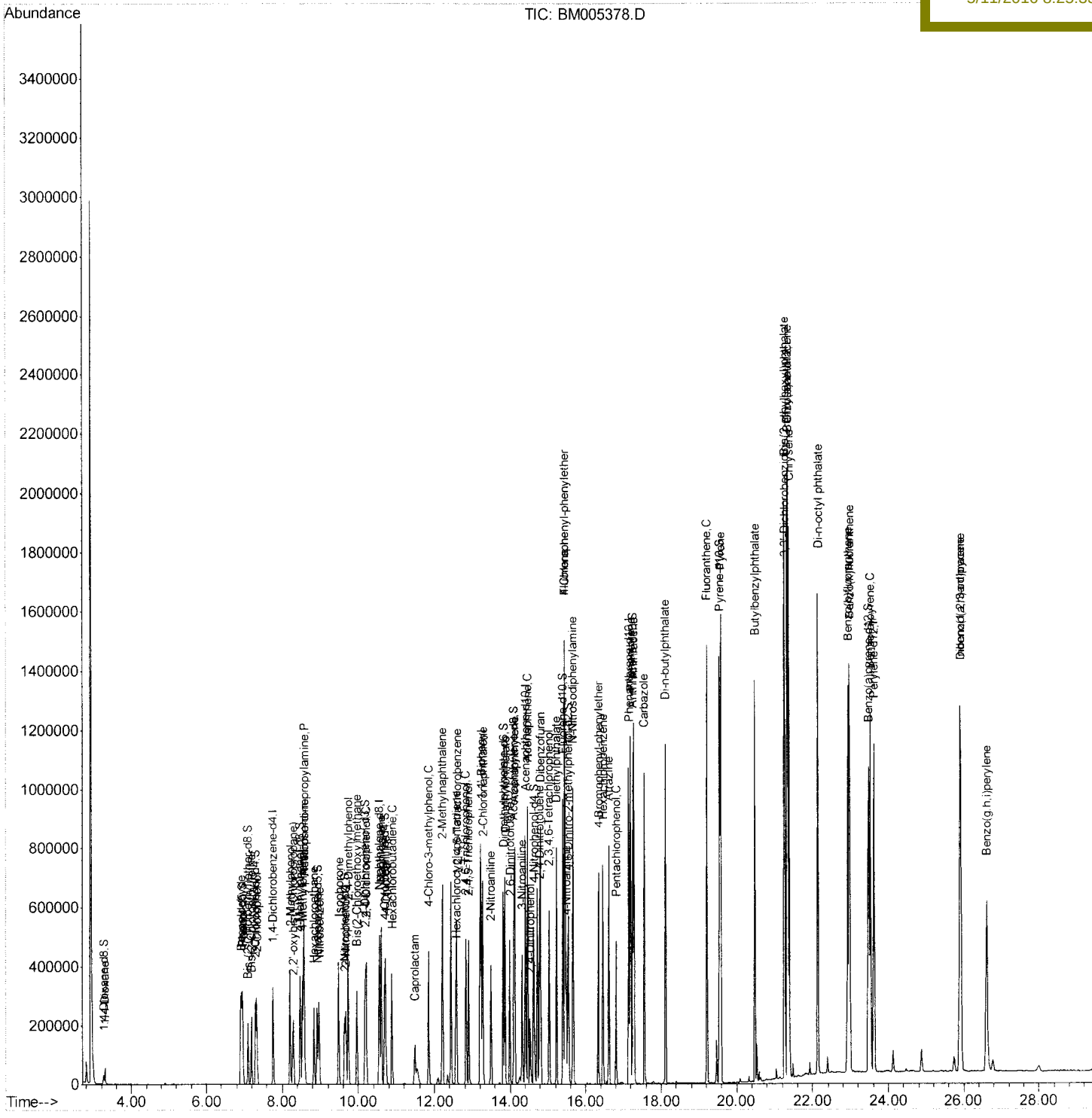
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051016\
Data File : BM005378.D
Acq On : 10 May 2016 16:55
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 08:20:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 07:57:14 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
sohil
5/11/2016 8:25:33 PM



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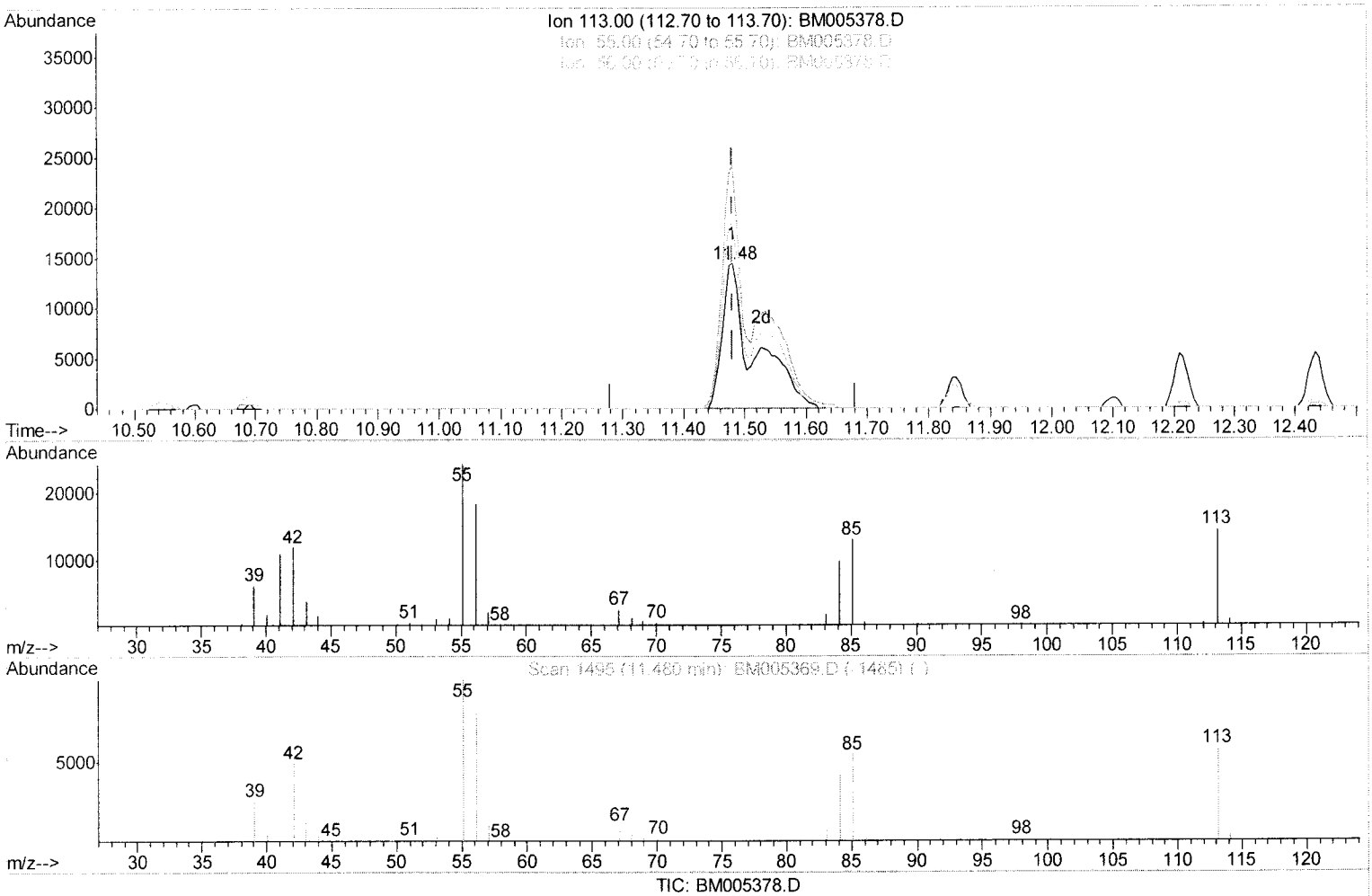

TIC: BM005378.D

(32) Caprolactam

11.480min (+0.000) 21.59ng/ul m U.M 05/12/16

response 52689

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	168.01
56.00	120.80	127.30
0.00	0.00	0.00

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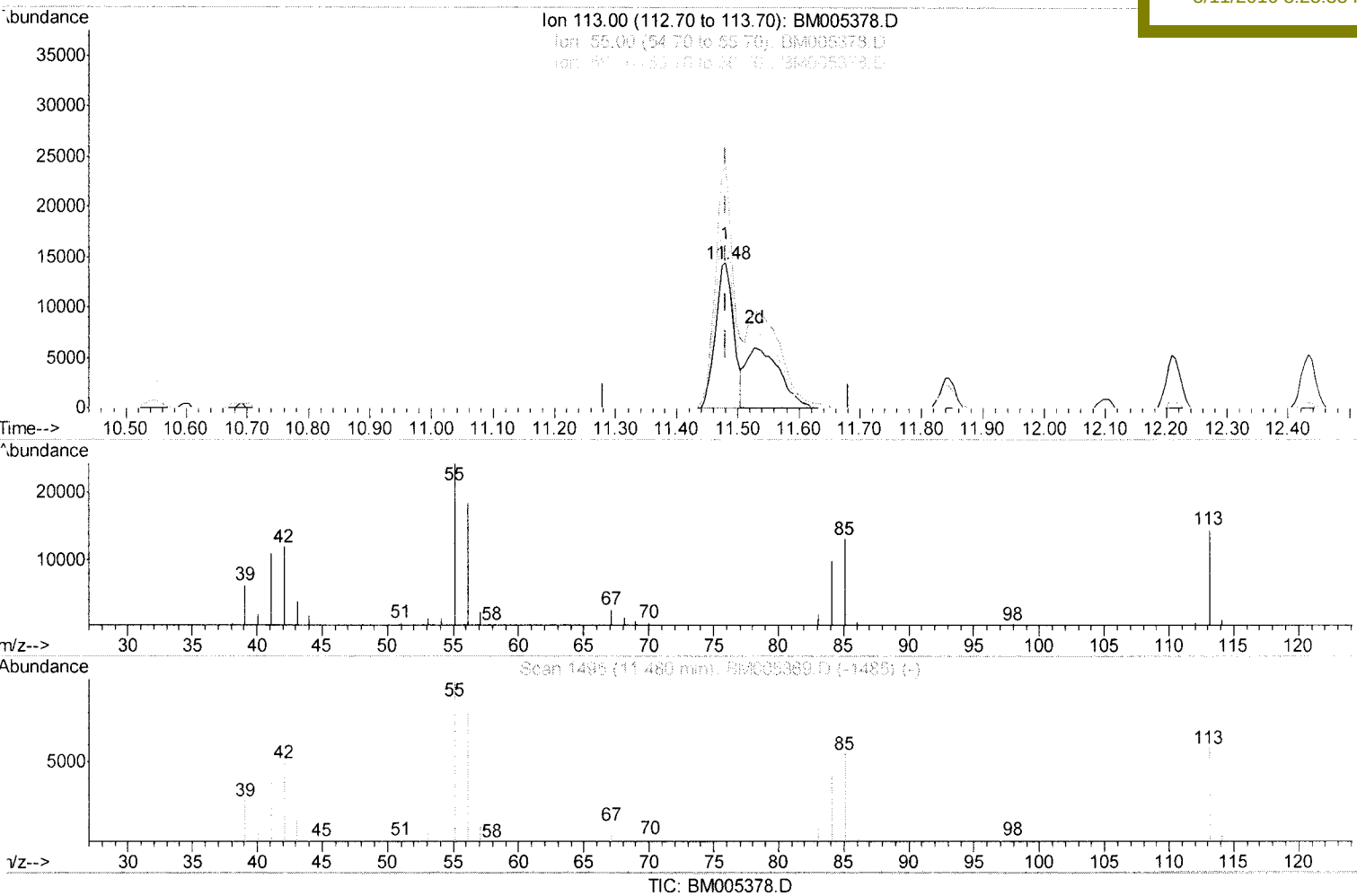

TIC: BM005378.D

(32) Caprolactam

11.480min (+0.000) 12.14ng/ul

response 29636

Ion	Exp%	Act%
113.00	100	100
55.00	168.20	168.01
56.00	120.80	127.30
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	7.76	152	89669	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	425736	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	274285	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	665054	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	787249	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	796666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	14587	7.65	ng/uL	0.00
5) Phenol-d5	6.93	99	164089	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	93026	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	127140	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	136831	20.36	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	65305	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	75744	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	135469	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	185776	24.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	450716	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	538601	20.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	87748	21.86	ng/ul	0.00
57) Fluorene-d10	15.40	176	388796	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	83343	22.28	ng/ul	0.00
70) Anthracene-d10	17.25	188	630367	21.44	ng/ul	0.00
76) Pyrene-d10	19.55	212	736437	20.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	738120	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	26350	7.58	ng/uL#	93
4) Benzaldehyde	6.90	77	104660	26.56	ng/ul	99
6) Phenol	6.96	94	172123	20.48	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	124747	19.71	ng/ul	97
10) 2-Chlorophenol	7.33	128	127652	20.32	ng/ul	97
11) 2-Methylphenol	8.20	108	132029	20.32	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.29	45	172933	20.15	ng/ul	98
14) Acetophenone	8.58	105	210227	21.11	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	108322	20.82	ng/ul	98
16) 4-Methylphenol	8.53	108	145789	20.22	ng/ul	100
17) Hexachloroethane	8.83	117	49595	20.98	ng/ul	94
20) Nitrobenzene	8.96	77	157900	20.75	ng/ul	97
21) Isophorone	9.48	82	310182	20.99	ng/ul	98
23) 2-Nitrophenol	9.67	139	79051	21.32	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	164791	20.95	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	179660	19.52	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	136976	20.91	ng/ul	97
28) Naphthalene	10.60	128	434644	20.29	ng/ul	99
30) 4-Chloroaniline	10.71	127	186855	23.80	ng/ul	99
31) Hexachlorobutadiene	10.87	225	83833	21.53	ng/ul	96
32) Caprolactam	11.48	113	52689m	21.59	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	166728	21.23	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	326879	20.40	ng/ul	99

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5/11/2016 8:25:33 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	171249	20.52 ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	79962	18.76 ng/ul	95
38) 2,4,6-Trichlorophenol	12.83	196	117306	21.11 ng/ul	95
39) 2,4,5-Trichlorophenol	12.90	196	131384	21.31 ng/ul	98
40) 1,1'-Biphenyl	13.23	154	435896	20.06 ng/ul	99
41) 2-Chloronaphthalene	13.27	162	336627	20.49 ng/ul	99
42) 2-Nitroaniline	13.49	65	113795	22.50 ng/ul	96
44) Dimethylphthalate	13.86	163	452325	20.59 ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	96935	22.38 ng/ul#	89
47) Acenaphthylene	14.12	152	565643	20.73 ng/ul	100
48) 3-Nitroaniline	14.32	138	108633	23.52 ng/ul	98
49) Acenaphthene	14.47	153	370392	20.60 ng/ul	98
50) 2,4-Dinitrophenol	14.53	184	49873	20.01 ng/ul	99
52) 4-Nitrophenol	14.63	109	76832	23.03 ng/ul	97
53) Dibenzofuran	14.80	168	536128	20.55 ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	144548	22.38 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	115131	21.96 ng/ul#	97
56) Diethylphthalate	15.23	149	460922	20.77 ng/ul	98
58) Fluorene	15.46	166	423847	20.78 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	211054	20.89 ng/ul	99
60) 4-Nitroaniline	15.49	138	106601	21.78 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.54	198	86492	22.00 ng/ul#	93
64) N-Nitrosodiphenylamine	15.66	169	384376	21.11 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	135455	21.24 ng/ul	98
66) Hexachlorobenzene	16.46	284	155005	21.67 ng/ul	96
67) Atrazine	16.62	200	153621	23.12 ng/ul	99
68) Pentachlorophenol	16.81	266	88592	22.29 ng/ul	95
69) Phenanthrene	17.20	178	731921	20.93 ng/ul	100
71) Anthracene	17.29	178	747838	21.45 ng/ul	100
72) Carbazole	17.56	167	698908	22.79 ng/ul	99
73) Di-n-butylphthalate	18.12	149	827806	22.13 ng/ul	100
74) Fluoranthene	19.22	202	907167	23.42 ng/ul	97
77) Pyrene	19.58	202	924031	20.24 ng/ul	99
78) Butylbenzylphthalate	20.48	149	417374	22.01 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	320637	22.66 ng/ul	98
80) Benzo(a)anthracene	21.33	228	939027	20.74 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	580916	22.06 ng/ul	98
82) Chrysene	21.39	228	897542	20.89 ng/ul	99
84) Di-n-octyl phthalate	22.14	149	1074634	23.09 ng/ul	98
85) Benzo(b)fluoranthene	22.93	252	970164	20.83 ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	938508	21.41 ng/ul	99
88) Benzo(a)pyrene	23.52	252	915203	20.78 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	903663	18.80 ng/ul	97
90) Dibenzo(a,h)anthracene	25.92	278	762381	18.96 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	735815	18.08 ng/ul	96

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