Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092016\
Data File : BM007491.D
Acq On : 20 Sep 2016 09:56
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 16:25:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 20 01:35:12 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02059

Manual Integrations APPROVED
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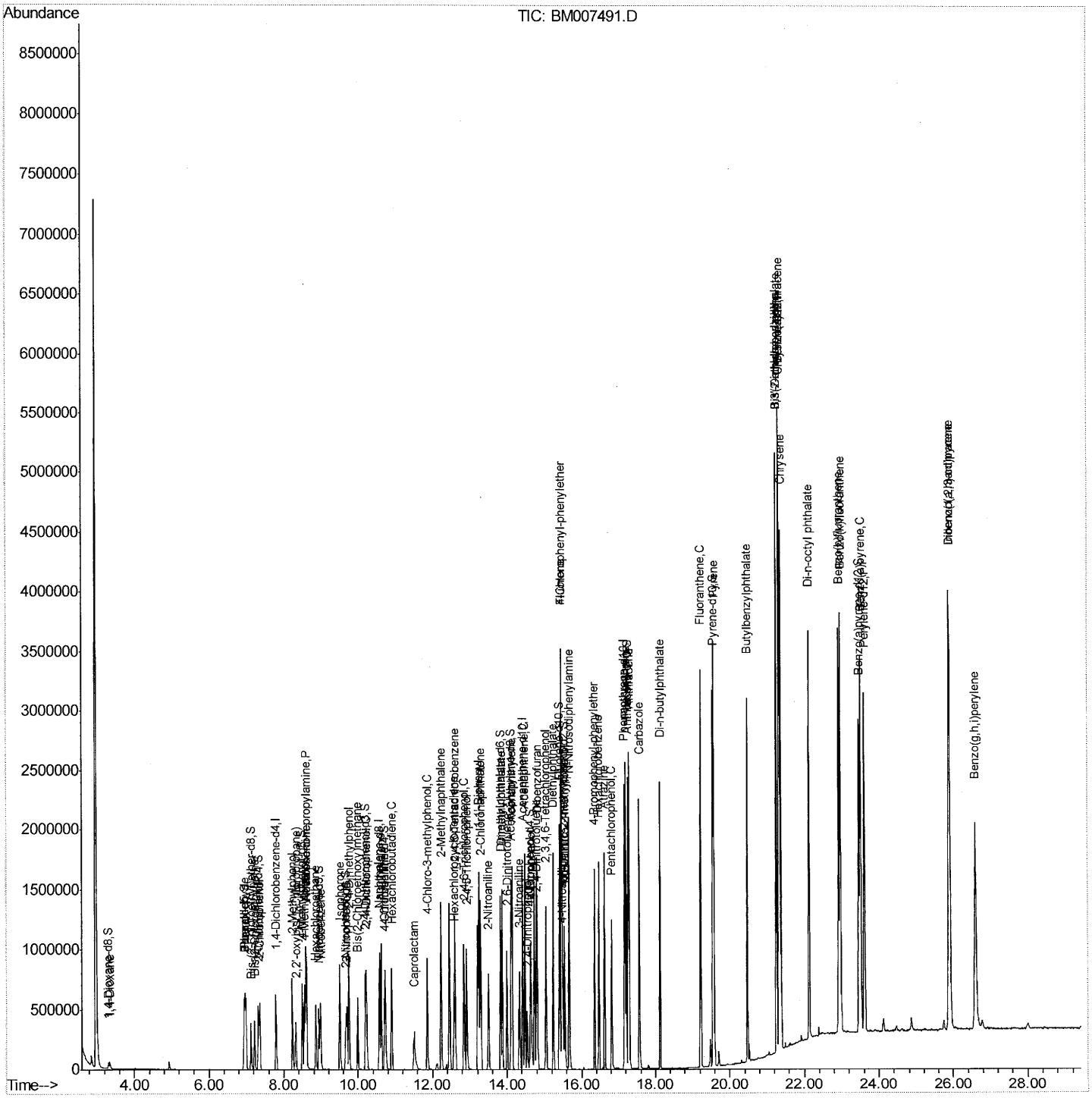

Quantitation Report (Qedit)

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Quant Time: Sep 20 18:12:25 2016
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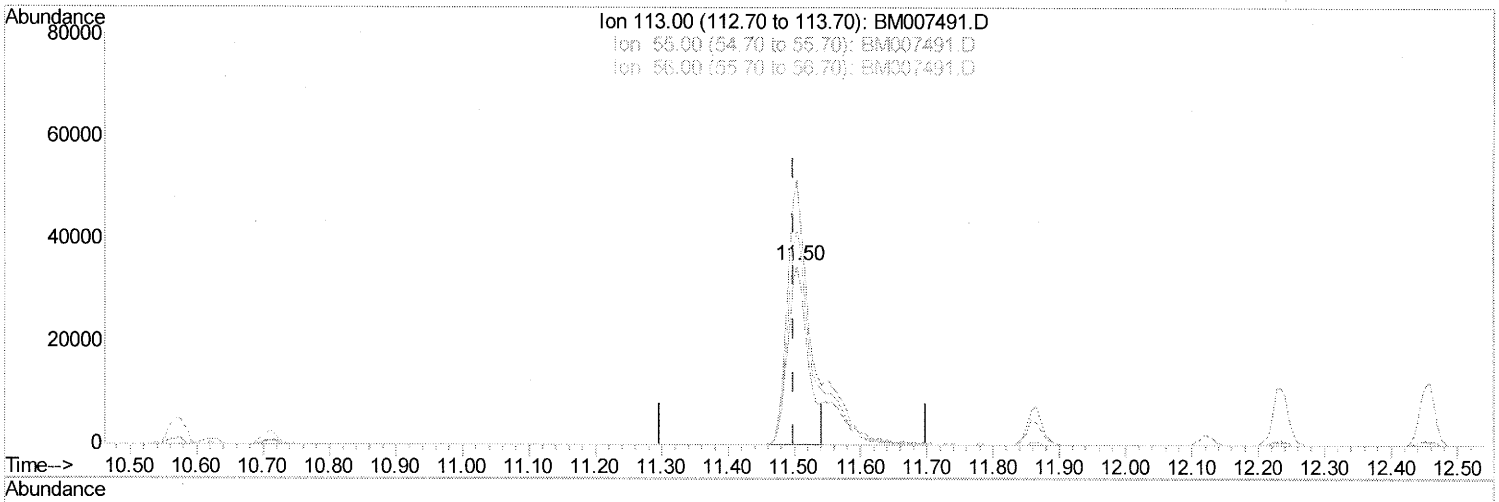

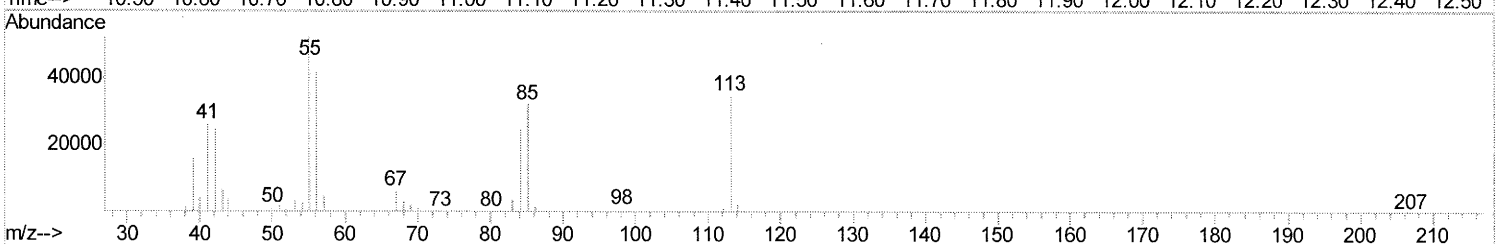

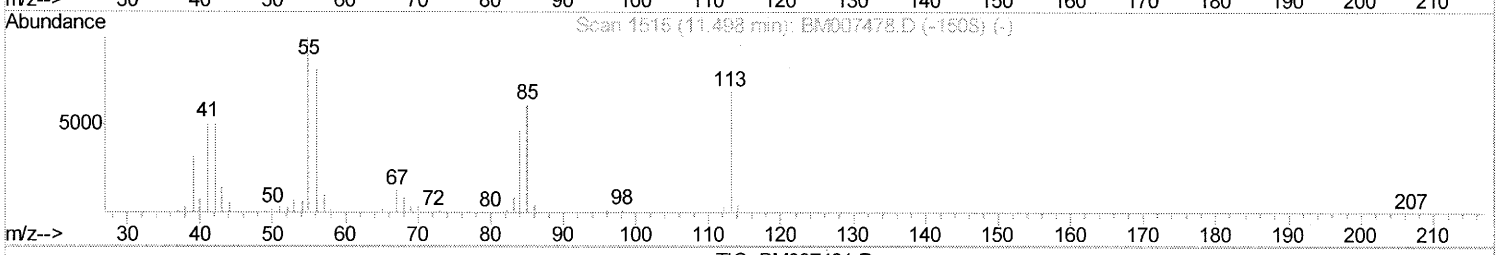

TIC: BM007491.D

(32) Caprolactam

11.504min (+0.006) 13.77ng/ul

response 74195

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	148.61
56.00	121.70	120.23
0.00	0.00	0.00

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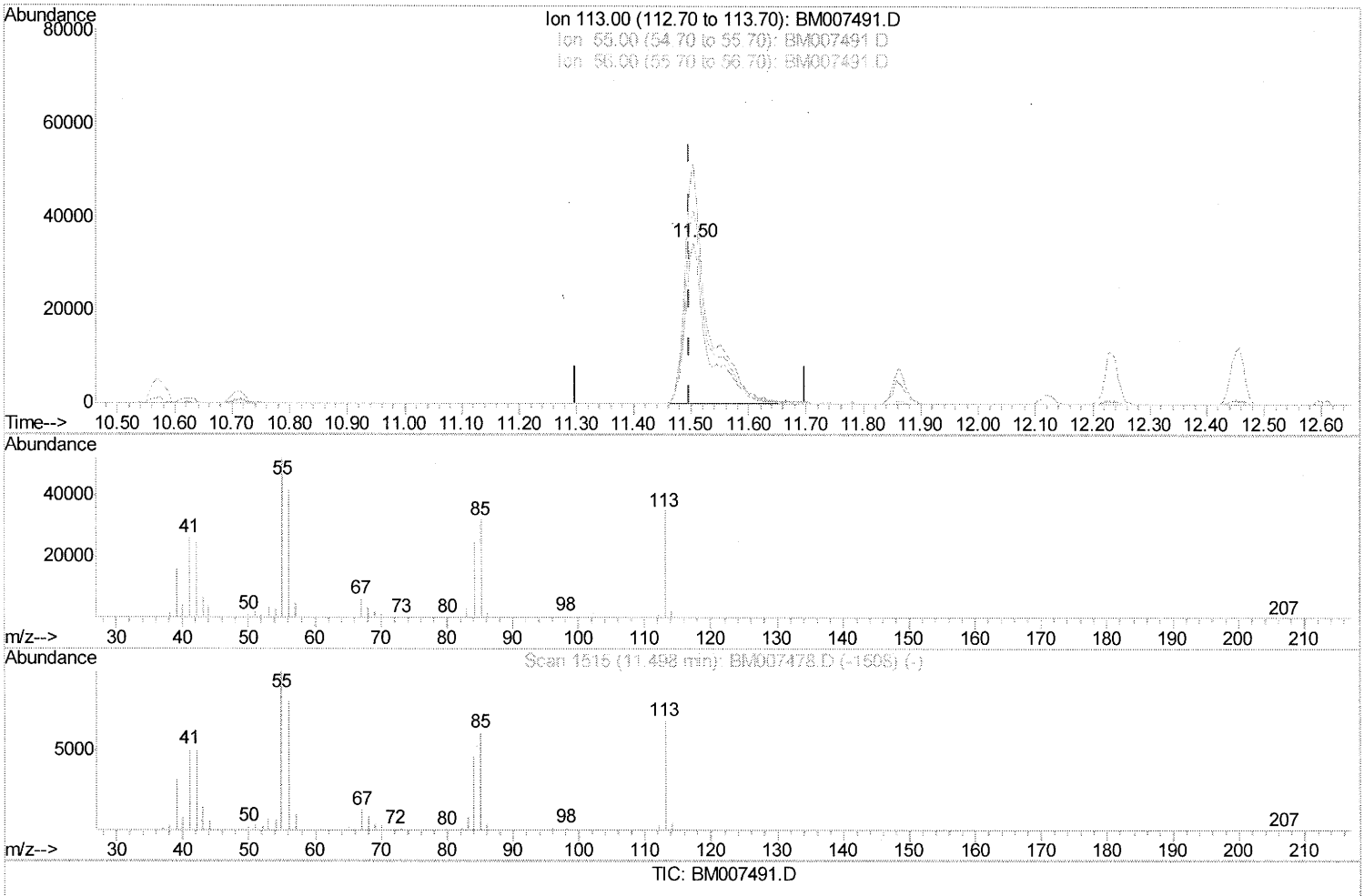

TIC: BM007491.D

(32) Caprolactam

11.504min (+0.006) 17.78ng/ul m SJ 9/21/16

response 95779

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	148.61
56.00	121.70	120.23
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	7.79	152	164470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	788742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	548677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1399862	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1980235	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	2136783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	27864	8.66	ng/uL	0.00
5) Phenol-d5	6.96	99	297692	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	165548	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	225419	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	255842	18.88	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	116918	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	135956	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	268417	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	340025	20.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	937889	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1098169	20.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	161176	18.04	ng/ul	0.00
57) Fluorene-d10	15.42	176	820069	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	171453	19.48	ng/ul	0.00
70) Anthracene-d10	17.26	188	1345787	20.58	ng/ul	0.00
76) Pyrene-d10	19.56	212	1675607	20.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1990343	20.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	31013	8.64	ng/uL	95
4) Benzaldehyde	6.94	77	191259	21.61	ng/ul	97
6) Phenol	6.99	94	311458	19.33	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.22	93	226357	20.16	ng/ul	96
10) 2-Chlorophenol	7.35	128	235874	20.06	ng/ul	99
11) 2-Methylphenol	8.23	108	240262	19.07	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	255522	20.23	ng/ul	98
14) Acetophenone	8.60	105	407035	19.59	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	216026	19.56	ng/ul	96
16) 4-Methylphenol	8.56	108	270721	19.16	ng/ul	100
17) Hexachloroethane	8.86	117	93963	20.55	ng/ul	97
20) Nitrobenzene	8.99	77	303319	20.39	ng/ul	98
21) Isophorone	9.50	82	600069	19.80	ng/ul	99
23) 2-Nitrophenol	9.69	139	147785	20.11	ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	333786	20.59	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	341484	20.00	ng/ul	98
27) 2,4-Dichlorophenol	10.22	162	271078	20.27	ng/ul	98
28) Naphthalene	10.62	128	803797	20.49	ng/ul	99
30) 4-Chloroaniline	10.73	127	348004	20.13	ng/ul	98
31) Hexachlorobutadiene	10.90	225	190035	21.03	ng/ul	96
32) Caprolactam	11.50	113	95779m	17.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	328670	19.86	ng/ul	95
34) 2-Methylnaphthalene	12.23	142	643807	20.05	ng/ul	99

SJ 9/21/16

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	386182	21.14 ng/ul	96
37) Hexachlorocyclopentadiene	12.58	237	186546	16.93 ng/ul	100
38) 2,4,6-Trichlorophenol	12.85	196	252588	19.54 ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	264325	19.62 ng/ul	98
40) 1,1'-Biphenyl	13.25	154	873469	20.53 ng/ul	99
41) 2-Chloronaphthalene	13.29	162	676991	20.29 ng/ul	98
42) 2-Nitroaniline	13.50	65	222021	20.37 ng/ul	99
44) Dimethylphthalate	13.87	163	930125	19.73 ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	190354	19.75 ng/ul	94
47) Acenaphthylene	14.14	152	1151443	20.40 ng/ul	99
48) 3-Nitroaniline	14.33	138	190597	19.38 ng/ul	96
49) Acenaphthene	14.48	153	749741	20.41 ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	112665	17.24 ng/ul	89
52) 4-Nitrophenol	14.64	109	176480	18.56 ng/ul	90
53) Dibenzofuran	14.82	168	1103911	20.08 ng/ul	95
54) 2,4-Dinitrotoluene	14.79	165	287914	19.49 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	272731	19.73 ng/ul	99
56) Diethylphthalate	15.24	149	954931	19.42 ng/ul	99
58) Fluorene	15.47	166	915055	20.21 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	474991	20.07 ng/ul	95
60) 4-Nitroaniline	15.50	138	208349	18.67 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	190755	20.30 ng/ul#	98
64) N-Nitrosodiphenylamine	15.68	169	816341	20.89 ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	327582	20.73 ng/ul	99
66) Hexachlorobenzene	16.47	284	357179	20.18 ng/ul	97
67) Atrazine	16.63	200	338729	20.53 ng/ul	96
68) Pentachlorophenol	16.82	266	216482	18.95 ng/ul	99
69) Phenanthrene	17.20	178	1553986	20.68 ng/ul	100
71) Anthracene	17.30	178	1615014	20.82 ng/ul	99
72) Carbazole	17.57	167	1429224	21.20 ng/ul	99
73) Di-n-butylphthalate	18.13	149	1683276	19.84 ng/ul	99
74) Fluoranthene	19.22	202	2049891	21.74 ng/ul	99
77) Pyrene	19.59	202	2166961	20.40 ng/ul	97
78) Butylbenzylphthalate	20.48	149	858818	19.43 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	834661	21.23 ng/ul	100
80) Benzo(a)anthracene	21.33	228	2369152	20.29 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.25	149	1270496	19.82 ng/ul	98
82) Chrysene	21.38	228	2157011	20.40 ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2321102	21.81 ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	2549550	20.18 ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	2457239	21.04 ng/ul	99
88) Benzo(a)pyrene	23.51	252	2482977	20.54 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	2837670	19.13 ng/ul	99
90) Dibenzo(a,h)anthracene	25.91	278	2341982	18.98 ng/ul	100
91) Benzo(g,h,i)perylene	26.60	276	2376701	18.87 ng/ul	98

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