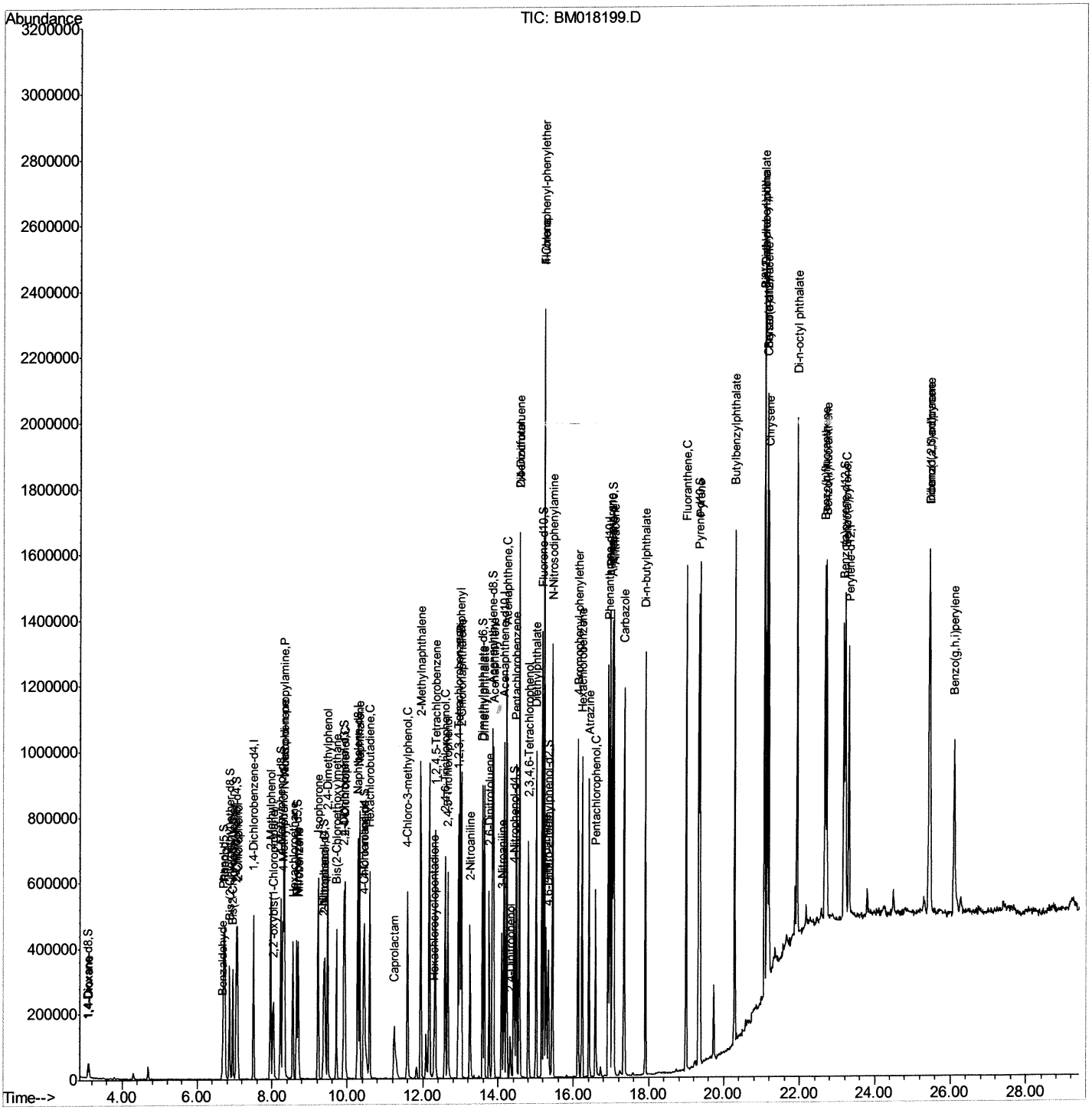
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121418\
Data File : BM018199.D
Acq On : 15 Dec 2018 10:39
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 21:23:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
Sohil
12/17/2018 4:17:39 PM



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Quant Time: Dec 15 20:26:22 2018
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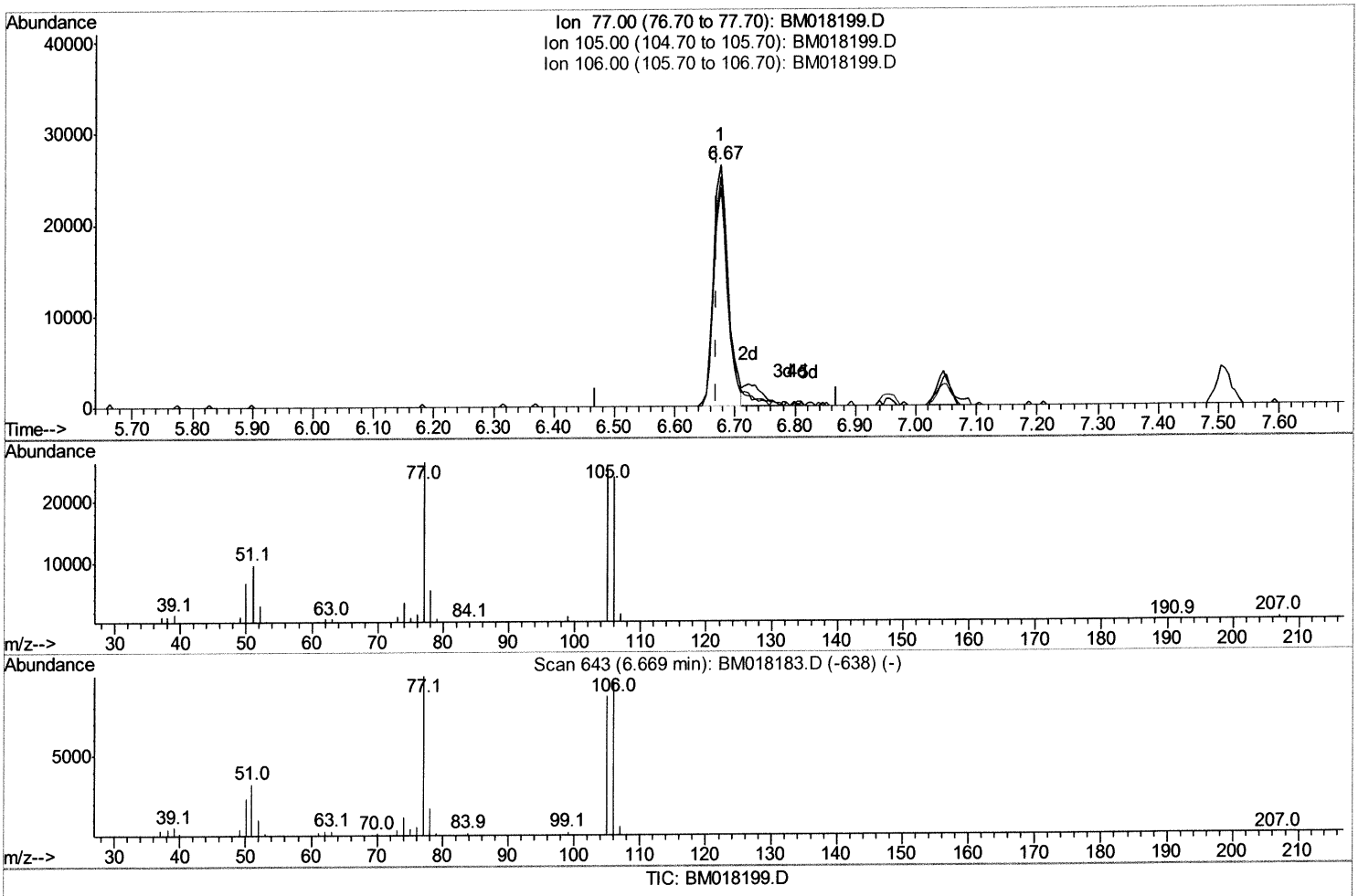

TIC: BM018199.D

(4) Benzaldehyde

6.675min (+0.006) 20.24ng/ul

response 44997

Ion	Exp%	Act%
77.00	100	100
105.00	97.30	95.19
106.00	102.10	90.28
0.00	0.00	0.00

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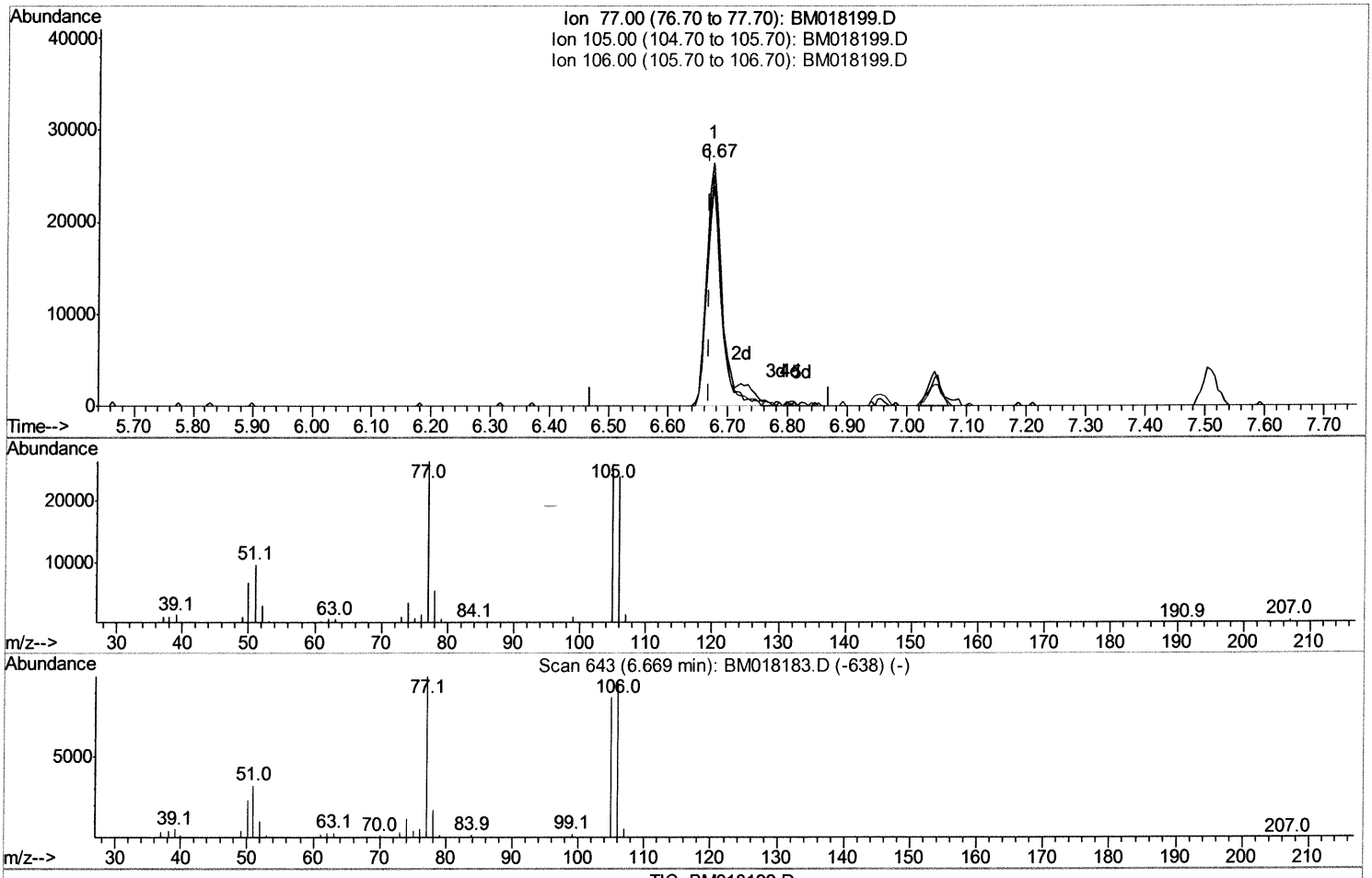

TIC: BM018199.D

(4) Benzaldehyde

6.675min (+0.006) 22.38ng/ul m

response 49754

SJ 12/17/18

Ion	Exp%	Act%
77.00	100	100
105.00	97.30	95.19
106.00	102.10	90.28
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	7.50	152	131080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	578759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	329432	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	711392	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	588712	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	533986	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	23762	8.65	ng/uL	0.00
5) Phenol-d5	6.70	99	255538	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	148668	22.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	199566	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	203503	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	97774	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	112614	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	204502	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	223259	25.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	575539	19.75	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	731990	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	94375	17.95	ng/ul	0.00
57) Fluorene-d10	15.17	176	509289	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	59424	10.96	ng/ul	0.01
70) Anthracene-d10	17.03	188	751024	20.89	ng/ul	0.00
78) Pyrene-d10	19.33	212	725889	25.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	613012	20.73	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	24651	8.149	ng/uL#	91
4) Benzaldehyde	6.67	77	49754m	22.379	ng/ul	
6) Phenol	6.73	94	249102	20.109	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.96	93	190644	20.954	ng/ul	95
10) 2-Chlorophenol	7.08	128	203242	20.691	ng/ul	97
11) 2-Methylphenol	7.96	108	195287	20.202	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.04	45	171585	19.969	ng/ul#	91
14) Acetophenone	8.33	105	308747	20.000	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.32	70	163210	20.645	ng/ul	97
16) 4-Methylphenol	8.29	108	207418	19.731	ng/ul	97
17) Hexachloroethane	8.56	117	79066	20.332	ng/ul	97
20) Nitrobenzene	8.70	77	235018	21.853	ng/ul	96
21) Isophorone	9.23	82	444031	20.543	ng/ul	97
23) 2-Nitrophenol	9.41	139	115380	20.015	ng/ul	92
24) 2,4-Dimethylphenol	9.47	107	239903	20.969	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.71	93	262900	20.704	ng/ul	99
27) 2,4-Dichlorophenol	9.94	162	194750	20.652	ng/ul	98
28) Naphthalene	10.32	128	637181	20.462	ng/ul	98
30) 4-Chloroaniline	10.46	127	229287	26.162	ng/ul	100
31) Hexachlorobutadiene	10.59	225	123796	20.474	ng/ul	99
32) Caprolactam	11.25	113	65514	17.987	ng/ul	90
33) 4-Chloro-3-methylphenol	11.59	107	222770	20.609	ng/ul	95
34) 2-Methylnaphthalene	11.95	142	456470	19.757	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	236117	22.176 ng/ul	98
37) Hexachlorocyclopentadiene	12.29	237	40369	7.513 ng/ul	94
38) 2,4,6-Trichlorophenol	12.59	196	157089	21.565 ng/ul	98
39) 2,4,5-Trichlorophenol	12.66	196	163817	20.991 ng/ul	97
40) 1,1'-Biphenyl	12.99	154	577747	20.871 ng/ul	99
41) 2-Chloronaphthalene	13.03	162	454010	21.044 ng/ul	97
42) 2-Nitroaniline	13.26	65	135806	22.338 ng/ul	97
44) Dimethylphthalate	13.63	163	553037	19.932 ng/ul	98
45) 2,6-Dinitrotoluene	13.77	165	119429	20.341 ng/ul	96
47) Acenaphthylene	13.88	152	694633	20.661 ng/ul	98
48) 3-Nitroaniline	14.10	138	118772	21.241 ng/ul#	94
49) Acenaphthene	14.23	153	484205	20.446 ng/ul	100
50) 2,4-Dinitrophenol	14.33	184	32061	8.202 ng/ul	99
52) 4-Nitrophenol	14.43	109	77197	18.449 ng/ul	91
53) Dibenzofuran	14.57	168	668777	20.427 ng/ul	100
54) 2,4-Dinitrotoluene	14.57	165	169173	19.462 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.80	232	141575	19.974 ng/ul	96
56) Diethylphthalate	15.02	149	548280	19.090 ng/ul	100
58) Fluorene	15.23	166	566152	20.812 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.22	204	285453	20.829 ng/ul	96
60) 4-Nitroaniline	15.27	138	120599	19.597 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.34	198	61475	11.115 ng/ul	99
64) N-Nitrosodiphenylamine	15.44	169	479175	20.581 ng/ul	97
65) 4-Bromophenyl-phenylether	16.12	248	179492	21.343 ng/ul	99
66) Hexachlorobenzene	16.23	284	195799	21.140 ng/ul	99
67) Atrazine	16.42	200	165840	19.484 ng/ul	97
68) Pentachlorophenol	16.59	266	107519	19.604 ng/ul	97
69) Phenanthrene	16.97	178	846821	20.391 ng/ul	100
71) Anthracene	17.06	178	875332	20.481 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	231648	22.741 ng/uL	99
73) Pentachlorobenzene	14.49	250	228127	21.507 ng/uL	97
74) Carbazole	17.34	167	759789	19.537 ng/ul	98
75) Di-n-butylphthalate	17.91	149	963707	19.804 ng/ul	98
76) Fluoranthene	19.00	202	923373	19.169 ng/ul	99
79) Pyrene	19.36	202	901427	25.594 ng/ul#	96
80) Butylbenzylphthalate	20.29	149	428755	25.453 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.07	252	174696	12.913 ng/ul	97
82) Benzo(a)anthracene	21.13	228	775819	20.822 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.07	149	622246	25.129 ng/ul	100
84) Chrysene	21.18	228	719253	20.688 ng/ul	99
86) Di-n-octyl phthalate	21.93	149	974659	24.829 ng/ul	100
87) Benzo(b)fluoranthene	22.67	252	702510	22.076 ng/ul	98
88) Benzo(k)fluoranthene	22.71	252	651451	20.571 ng/ul	100
90) Benzo(a)pyrene	23.22	252	652131	20.777 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.44	276	751446	21.097 ng/ul	99
92) Dibenzo(a,h)anthracene	25.46	278	636186	21.021 ng/ul	98
93) Benzo(g,h,i)perylene	26.10	276	630922	21.253 ng/ul	100

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