Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070516\
Data File : BM006253.D
Acq On : 05 Jul 2016 10:15
Operator : UM/SJ
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 05 18:13:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 05 17:52:15 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02037

Manual Integratio

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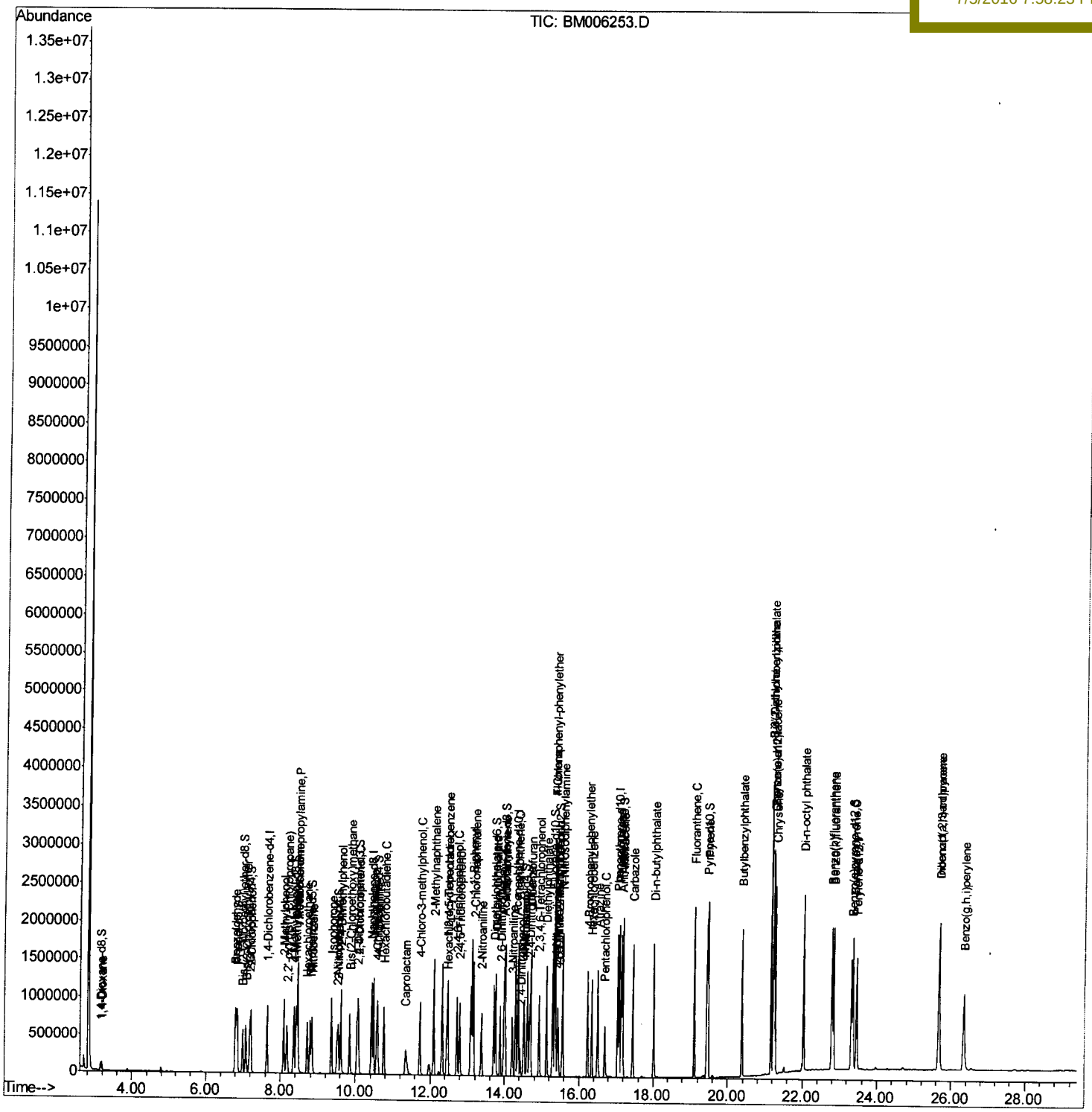

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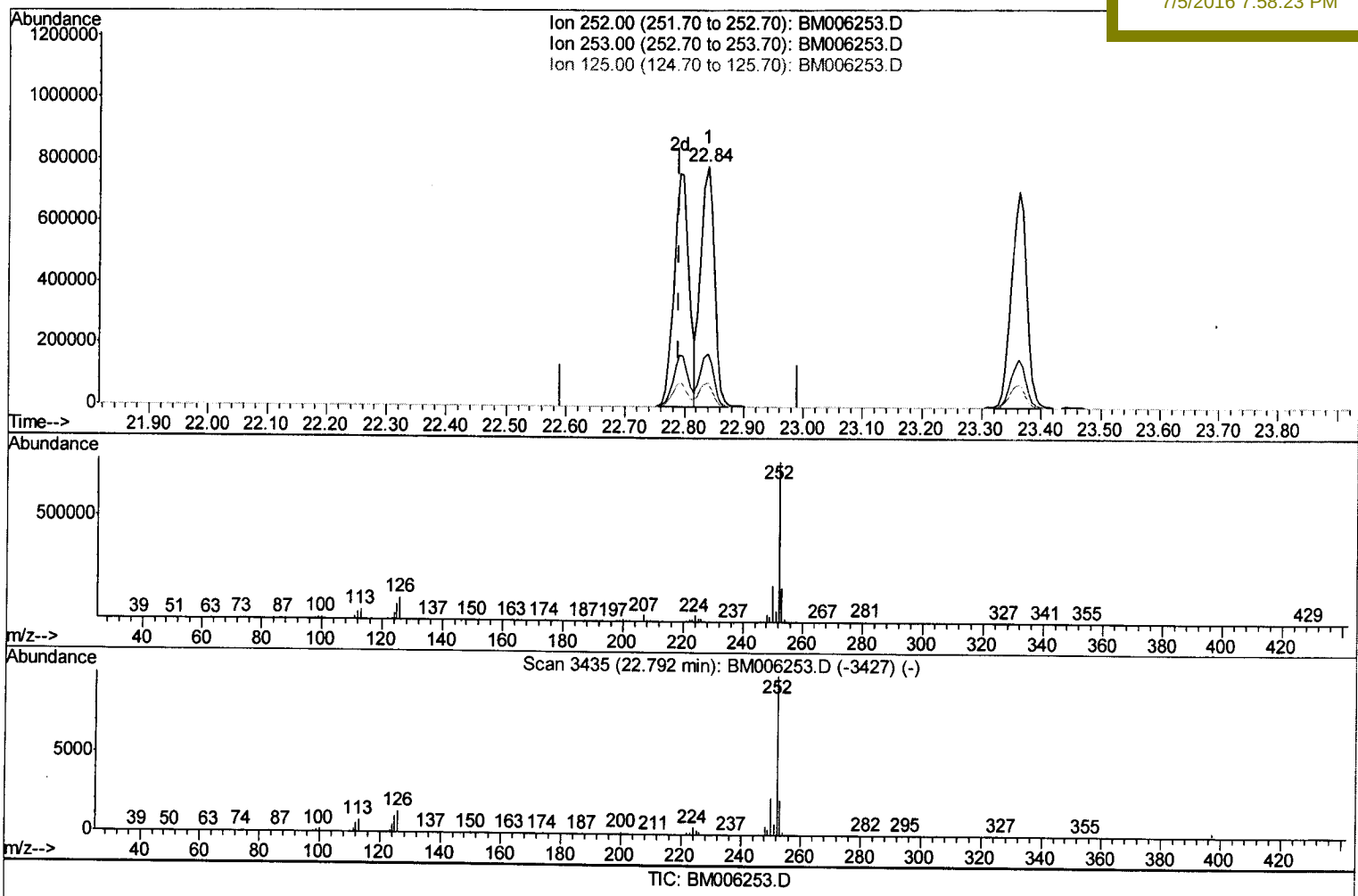

TIC: BM006253.D

(85) Benzo(b)fluoranthene

22.839min (+0.047) 19.83ng/ul

response 1253333

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.61
125.00	8.40	9.90
0.00	0.00	0.00

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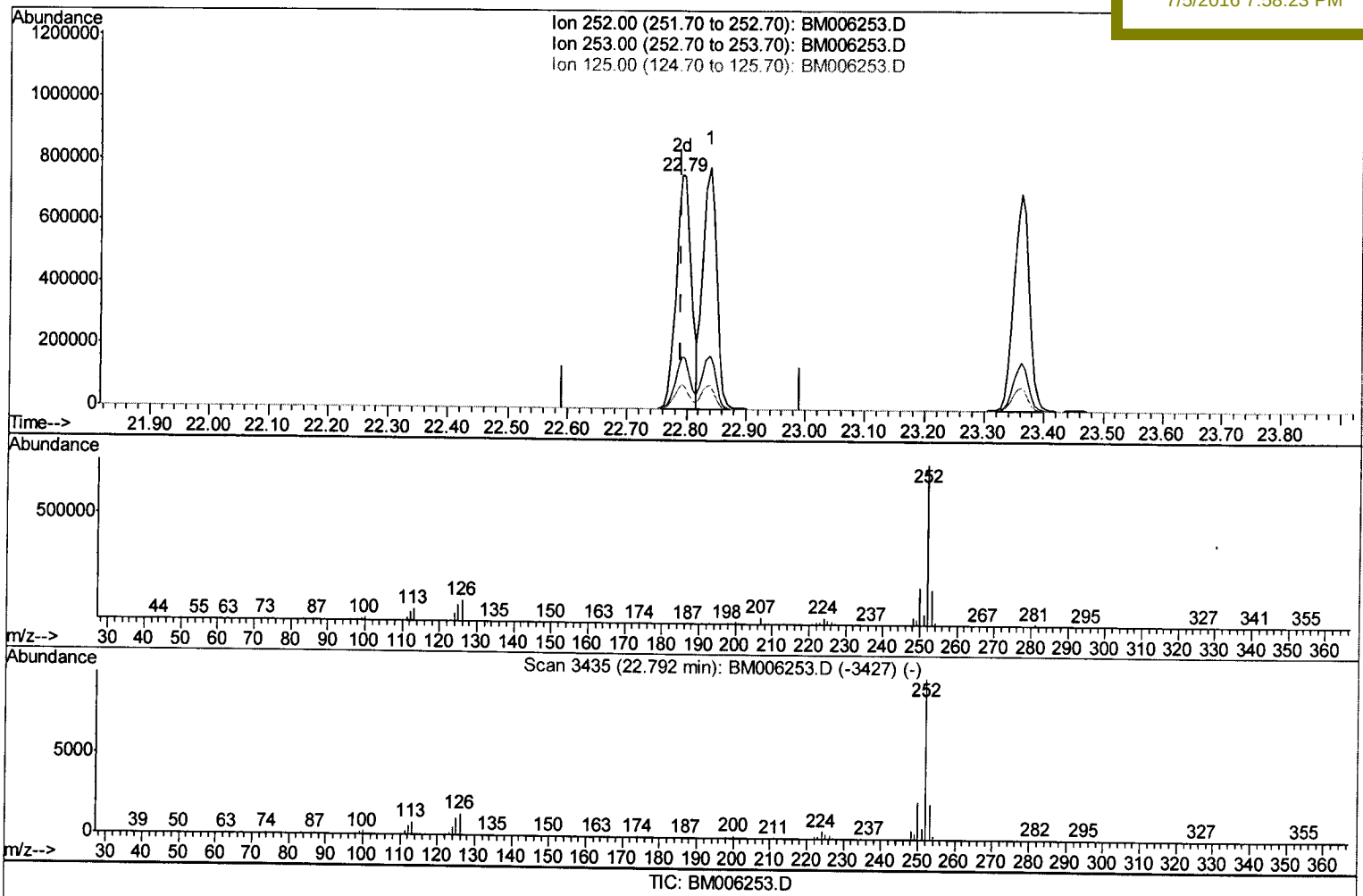

TIC: BM006253.D

(85) Benzo(b)fluoranthene

22.792min (0.000) 20.96ng/ul m V.M 07/06/16

response 1324951

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.86
125.00	8.40	10.13#
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	7.65	152	226973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	991324	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	522596	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1069594	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1036084	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1067551	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	44323	8.35	ng/uL	0.00
5) Phenol-d5	6.82	99	421272	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	263064	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	321395	19.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	330587	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	157545	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	170507	19.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	314939	19.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	400157	23.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	834191	19.13	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1103855	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	147132	17.80	ng/ul	0.00
57) Fluorene-d10	15.29	176	725509	19.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	114019	18.19	ng/ul	0.00
70) Anthracene-d10	17.14	188	1040270	20.38	ng/ul	0.00
76) Pyrene-d10	19.44	212	1059526	21.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	1017976	20.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	48073	8.27	ng/uL#	35
4) Benzaldehyde	6.79	77	283292	23.04	ng/ul	98
6) Phenol	6.85	94	444682	20.13	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	344059	21.09	ng/ul	99
10) 2-Chlorophenol	7.21	128	335674	19.93	ng/ul	98
11) 2-Methylphenol	8.09	108	336370	19.88	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.18	45	497093	20.40	ng/ul	98
14) Acetophenone	8.46	105	524472	20.01	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	281449	18.80	ng/ul	99
16) 4-Methylphenol	8.42	108	360865	19.65	ng/ul	98
17) Hexachloroethane	8.71	117	137934	20.01	ng/ul	98
20) Nitrobenzene	8.84	77	409672	19.94	ng/ul	99
21) Isophorone	9.36	82	756321	19.32	ng/ul	99
23) 2-Nitrophenol	9.55	139	192768	19.99	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	397805	19.51	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	471725	20.16	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	312693	19.48	ng/ul	97
28) Naphthalene	10.47	128	1028102	20.16	ng/ul	99
30) 4-Chloroaniline	10.59	127	418567	23.89	ng/ul	97
31) Hexachlorobutadiene	10.76	225	193884	19.32	ng/ul	98
32) Caprolactam	11.34	113	99314	15.62	ng/ul	91
33) 4-Chloro-3-methylphenol	11.73	107	351391	17.93	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	748089	19.33	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	368523	21.21	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	184183	18.64	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	245129	19.96	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	254824	19.88	ng/ul	99
40) 1,1'-Biphenyl	13.12	154	935910	21.72	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	722718	21.52	ng/ul	100
42) 2-Nitroaniline	13.37	65	242488	18.92	ng/ul	94
44) Dimethylphthalate	13.76	163	834030	19.02	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	174803	18.40	ng/ul	97
47) Acenaphthylene	14.02	152	1172077	20.68	ng/ul	100
48) 3-Nitroaniline	14.21	138	186817	21.53	ng/ul	99
49) Acenaphthene	14.36	153	733525	20.37	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	72393	13.69	ng/ul	95
52) 4-Nitrophenol	14.53	109	133051	16.01	ng/ul	91
53) Dibenzofuran	14.70	168	1032332	20.09	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	244568	18.22	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.93	232	207762	17.97	ng/ul	97
56) Diethylphthalate	15.13	149	850442	18.59	ng/ul	99
58) Fluorene	15.35	166	803402	19.50	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	390167	19.29	ng/ul	100
60) 4-Nitroaniline	15.37	138	196159	19.16	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.44	198	124400	18.48	ng/ul	98
64) N-Nitrosodiphenylamine	15.56	169	700904	21.69	ng/ul	100
65) 4-Bromophenyl-phenylether	16.24	248	248099	20.72	ng/ul	99
66) Hexachlorobenzene	16.36	284	266121	20.13	ng/ul	98
67) Atrazine	16.52	200	240691	20.16	ng/ul	98
68) Pentachlorophenol	16.70	266	126174	17.96	ng/ul	94
69) Phenanthrene	17.09	178	1226958	20.57	ng/ul	99
71) Anthracene	17.18	178	1262124	20.48	ng/ul	99
72) Carbazole	17.45	167	1098297	21.26	ng/ul	100
73) Di-n-butylphthalate	18.02	149	1349254	19.01	ng/ul	100
74) Fluoranthene	19.11	202	1344886	20.25	ng/ul	98
77) Pyrene	19.47	202	1386273	21.33	ng/ul	98
78) Butylbenzylphthalate	20.39	149	583717	19.66	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.17	252	415240	21.68	ng/ul	98
80) Benzo(a)anthracene	21.23	228	1292582	20.34	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.16	149	804251	20.20	ng/ul	98
82) Chrysene	21.28	228	1177274	20.29	ng/ul	99
84) Di-n-octyl phthalate	22.03	149	1445483	22.79	ng/ul	99
85) Benzo(b)fluoranthene	22.79	252	1324951m	20.96	ng/ul	
86) Benzo(k)fluoranthene	22.84	252	1253333	21.31	ng/ul	99
88) Benzo(a)pyrene	23.36	252	1283117	20.97	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.68	276	1448576	20.70	ng/ul	96
90) Dibenzo(a,h)anthracene	25.69	278	1203819	20.86	ng/ul	98
91) Benzo(g,h,i)perylene	26.36	276	1245568	20.63	ng/ul	98

U.M 07/06/16

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