Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\
Data File : BM017824.D
Acq On : 30 Nov 2018 15:21
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 15:58:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 30 14:32:41 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02073

Manual Integrations APPROVED
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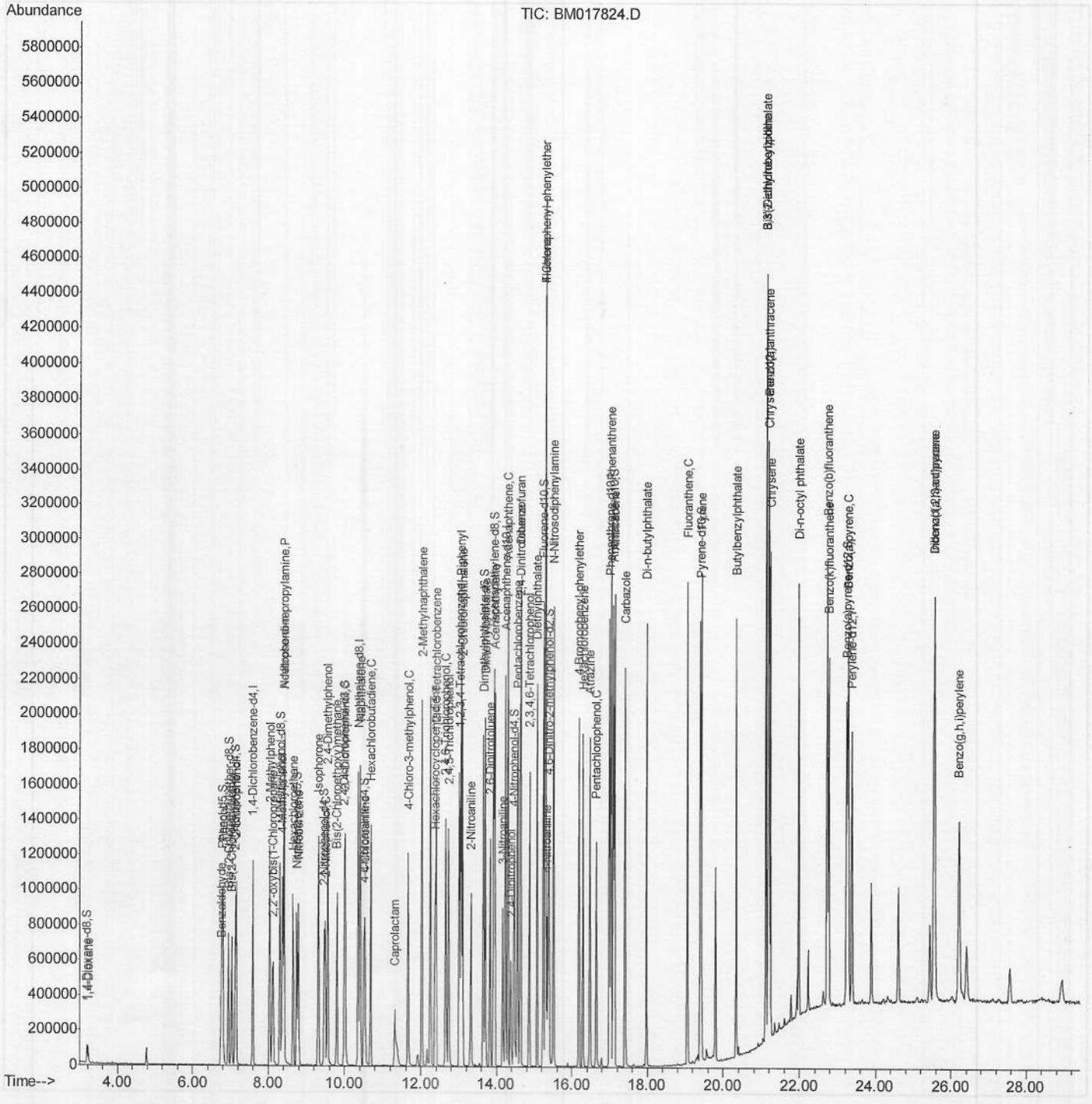
12/3/2018 3:37:25 PM



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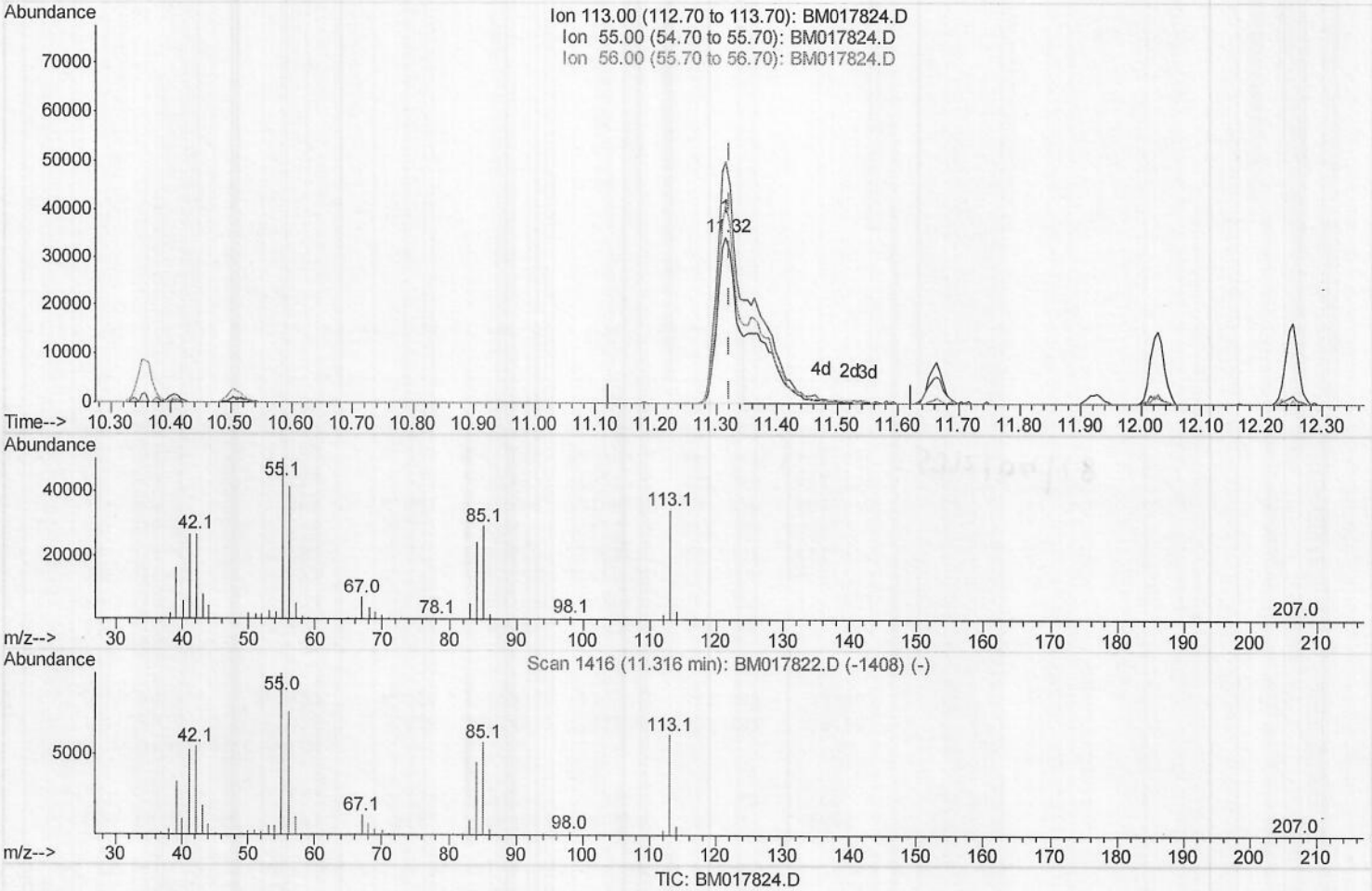

TIC: BM017824.D

(32) Caprolactam

11.316min (-0.006) 11.11ng/ul

response 75183

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	145.22
56.00	110.30	120.13
0.00	0.00	0.00

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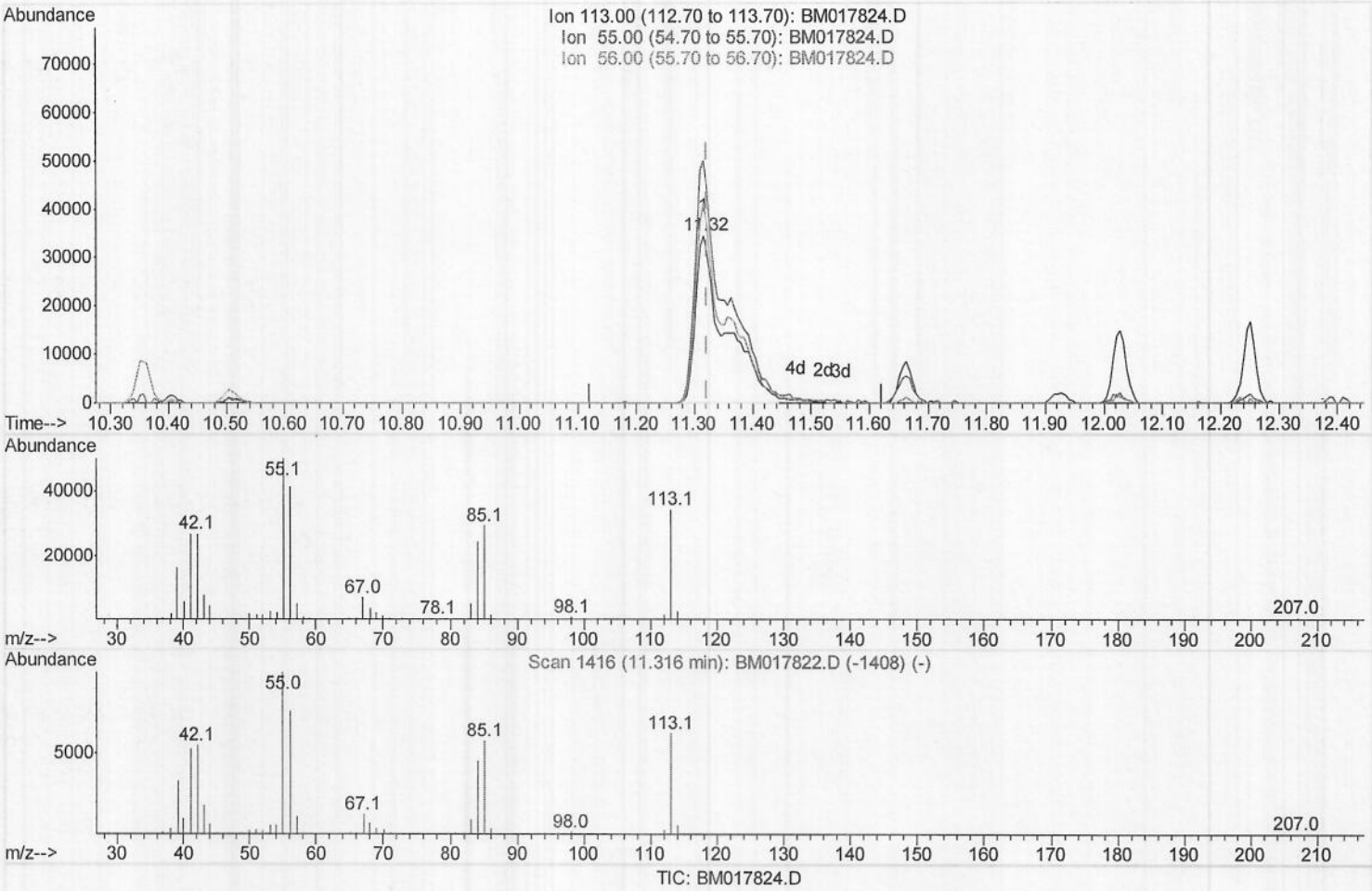

TIC: BM017824.D

(32) Caprolactam

11.316min (-0.006) 18.23ng/ul m) SJ 12/04/18

response 123376

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	145.22
56.00	110.30	120.13
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	7.59	152	295713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1292906	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	715406	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1423018	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1111182	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1096612	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	47984	7.43	ng/uL	0.00
5) Phenol-d5	6.78	99	518429	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	321454	19.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	428866	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	419406	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	209424	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	237137	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	436870	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	368579	19.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1225429	19.74	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1552153	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	201870	17.89	ng/ul	0.00
57) Fluorene-d10	15.23	176	1031031	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	203871	20.04	ng/ul	0.00
70) Anthracene-d10	17.09	188	1424461	20.11	ng/ul	0.00
78) Pyrene-d10	19.39	212	1292370	24.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1195940	20.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	49140	7.128	ng/uL#	87
4) Benzaldehyde	6.75	77	92416	18.351	ng/ul	96
6) Phenol	6.80	94	510190	18.925	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	399557	19.400	ng/ul	99
10) 2-Chlorophenol	7.16	128	427535	20.250	ng/ul	98
11) 2-Methylphenol	8.03	108	395137	19.212	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	489955	20.164	ng/ul	97
14) Acetophenone	8.41	105	644288	18.732	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	344018	19.177	ng/ul	99
16) 4-Methylphenol	8.36	108	418328	18.822	ng/ul	96
17) Hexachloroethane	8.65	117	177889	20.781	ng/ul	92
20) Nitrobenzene	8.78	77	494997	19.859	ng/ul	99
21) Isophorone	9.30	82	918320	19.804	ng/ul	100
23) 2-Nitrophenol	9.49	139	245313	20.716	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	490438	19.826	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	556633	19.617	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	405798	19.840	ng/ul	97
28) Naphthalene	10.40	128	1354570	20.109	ng/ul	99
30) 4-Chloroaniline	10.53	127	379887	20.031	ng/ul	98
31) Hexachlorobutadiene	10.68	225	277391	20.421	ng/ul	98
32) Caprolactam	11.32	113	123376m	18.232	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	443531	19.094	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	976746	19.423	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	512616	21.474	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	295026	19.165	ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	333787	21.515	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	342652	20.651	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	1223848	20.781	ng/ul	100
41) 2-Chloronaphthalene	13.10	162	964614	20.939	ng/ul	100
42) 2-Nitroaniline	13.32	65	282924	21.090	ng/ul	98
44) Dimethylphthalate	13.70	163	1183744	19.683	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	250226	21.175	ng/ul	100
47) Acenaphthylene	13.95	152	1440985	20.538	ng/ul	99
48) 3-Nitroaniline	14.16	138	227190	20.153	ng/ul	93
49) Acenaphthene	14.30	153	1026043	20.292	ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	135548	16.918	ng/ul	98
52) 4-Nitrophenol	14.47	109	160833	17.326	ng/ul	95
53) Dibenzofuran	14.64	168	1401373	19.585	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	350426	19.585	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.87	232	299215	19.558	ng/ul	99
56) Diethylphthalate	15.08	149	1184734	19.123	ng/ul	98
58) Fluorene	15.29	166	1134769	19.018	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	592740	19.339	ng/ul	96
60) 4-Nitroaniline	15.33	138	221226	17.652	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.39	198	206919	19.737	ng/ul	98
64) N-Nitrosodiphenylamine	15.51	169	974870	22.251	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	350969	21.584	ng/ul	96
66) Hexachlorobenzene	16.29	284	373387	20.658	ng/ul	96
67) Atrazine	16.47	200	339032	20.862	ng/ul	99
68) Pentachlorophenol	16.65	266	221301	19.680	ng/ul	98
69) Phenanthrene	17.03	178	1634745	20.089	ng/ul	99
71) Anthracene	17.13	178	1669670	20.063	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	501550	24.871	ng/uL	100
73) Pentachlorobenzene	14.56	250	477712	23.161	ng/uL	100
74) Carbazole	17.40	167	1417922	19.336	ng/ul	99
75) Di-n-butylphthalate	17.97	149	1820937	19.649	ng/ul	99
76) Fluoranthene	19.06	202	1623537	16.962	ng/ul	98
79) Pyrene	19.42	202	1616387	23.963	ng/ul	97
80) Butylbenzylphthalate	20.34	149	671850	23.293	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.12	252	462815	20.233	ng/ul	100
82) Benzo(a)anthracene	21.18	228	1403018	20.357	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	933601	21.859	ng/ul	99
84) Chrysene	21.23	228	1314292	20.390	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1475232	19.207	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1359842	19.949	ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1280664	19.331	ng/ul	98
90) Benzo(a)pyrene	23.29	252	1292673	19.998	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	1554714	22.699	ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	1305868	22.582	ng/ul	100
93) Benzo(g,h,i)perylene	26.21	276	1309553	23.657	ng/ul	100

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