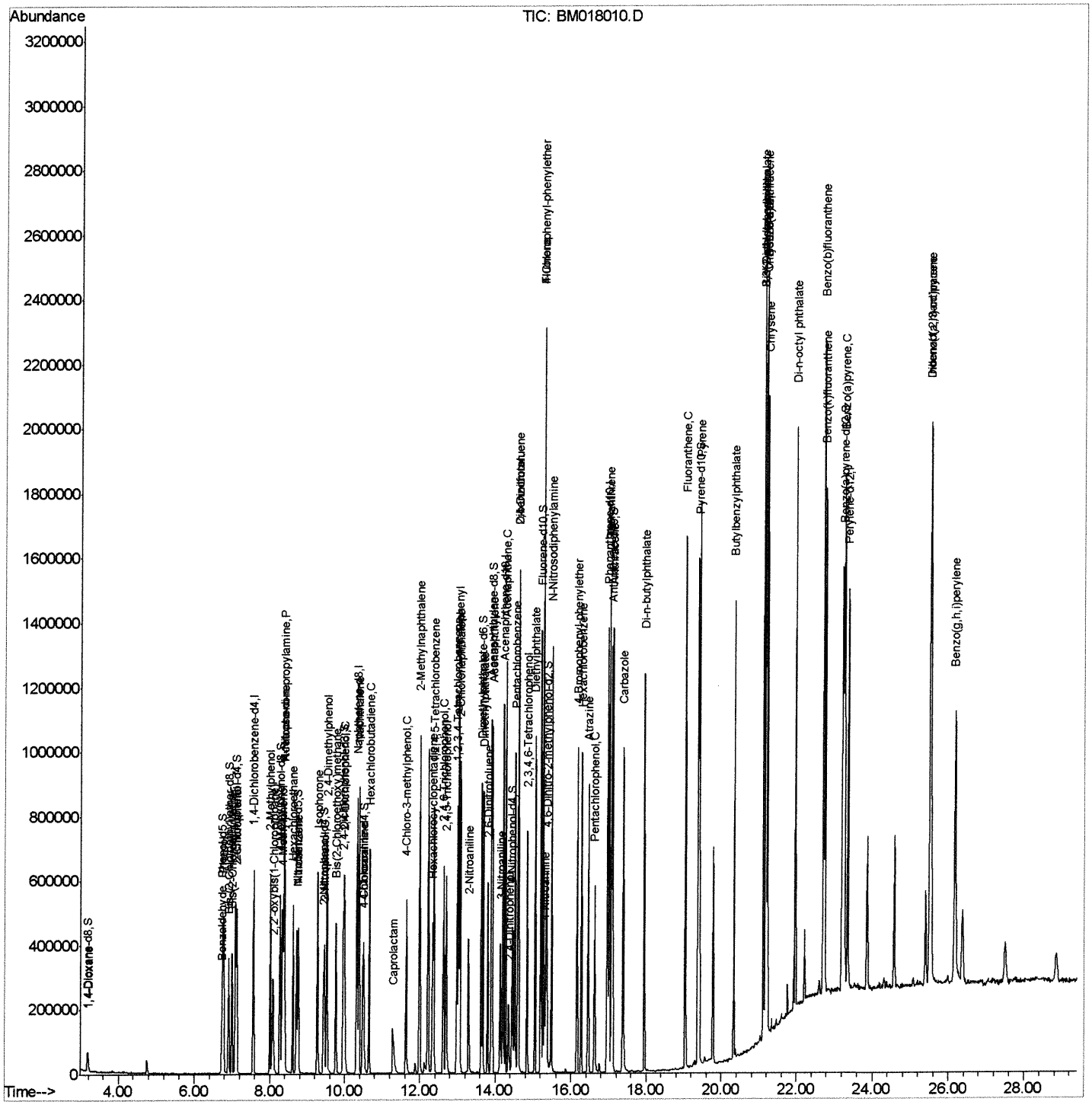
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM018010.D
Acq On : 07 Dec 2018 21:25
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 07 23:51:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 22:20:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02083

Manual Integrations APPROVED
Sohil
12/11/2018 8:40:15 AM



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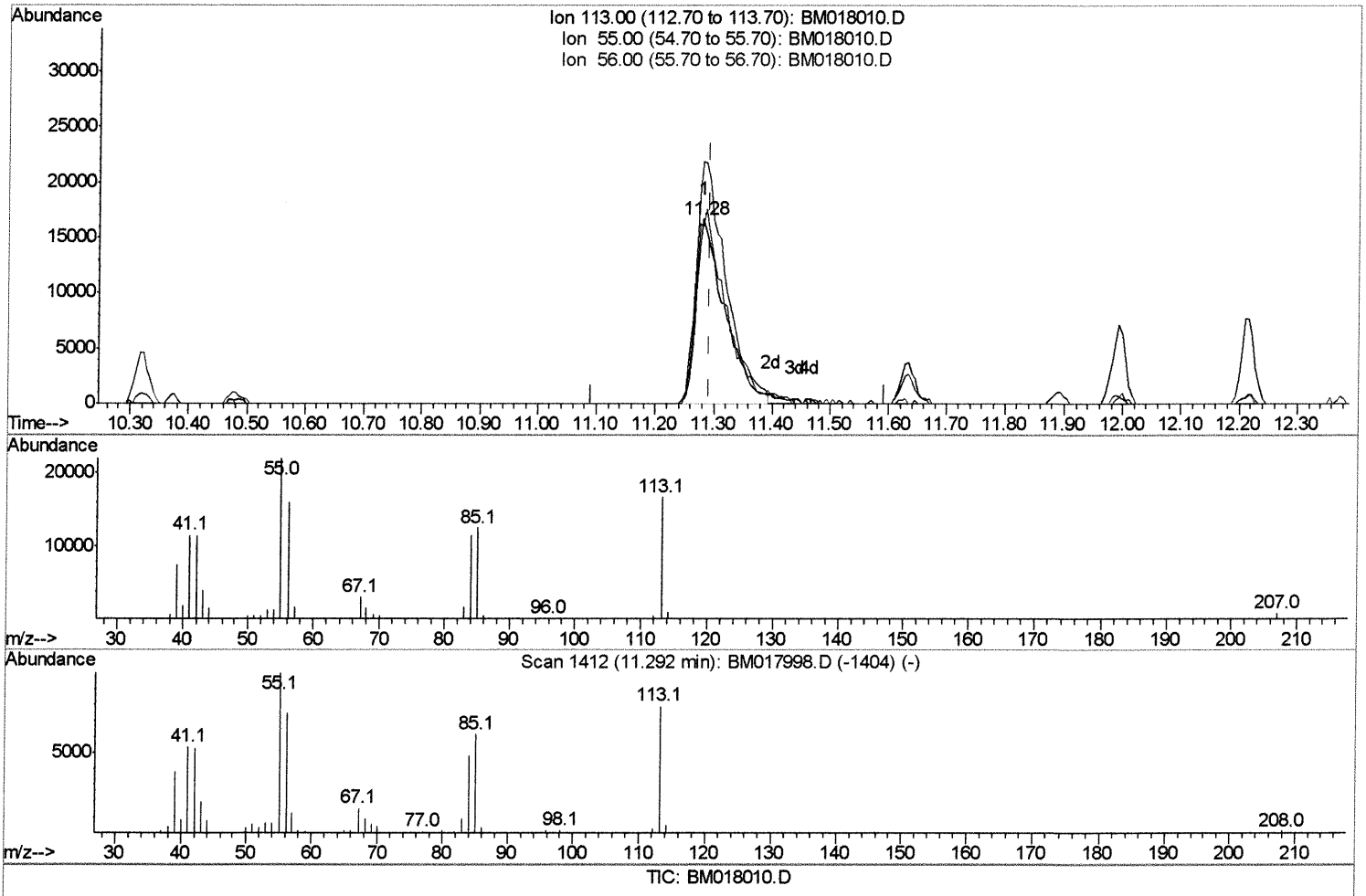

TIC: BM018010.D

(32) Caprolactam

11.281min (-0.012) 15.61ng/ul

response 56865

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	131.23
56.00	110.30	96.25
0.00	0.00	0.00

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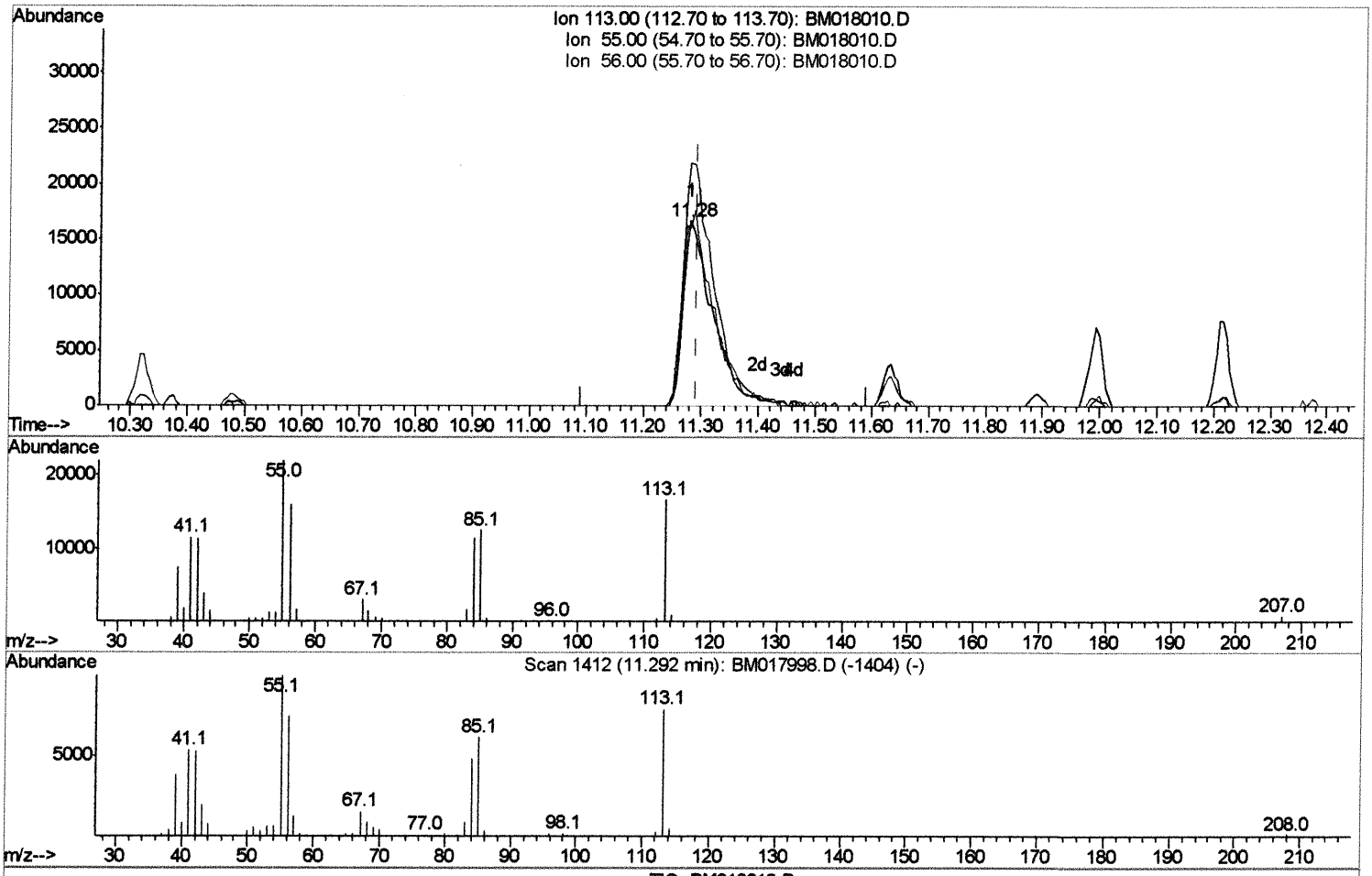

TIC: BM018010.D

(32) Caprolactam

11.281min (-0.012) 16.04ng/ul m) SJ 12/11/18

response 58419

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	131.23
56.00	110.30	96.25
0.00	0.00	0.00

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Sohil
12/11/2018 8:40:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	175027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	695892	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	368643	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	784802	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	863779	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	909973	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	31236	8.17	ng/uL	0.00
5) Phenol-d5	6.75	99	267348	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	154494	16.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	234630	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	214655	16.44	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	107647	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	118730	19.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	223197	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	190186	19.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	589882	18.44	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	766334	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	83695	14.39	ng/ul	0.00
57) Fluorene-d10	15.20	176	512858	18.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	95801	17.08	ng/ul	0.00
70) Anthracene-d10	17.06	188	762024	19.50	ng/ul	0.00
78) Pyrene-d10	19.37	212	826311	19.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	957280	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	32240	7.901	ng/uL	96
4) Benzaldehyde	6.72	77	47466	15.924	ng/ul	93
6) Phenol	6.77	94	268326	16.817	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	206579	16.947	ng/ul	95
10) 2-Chlorophenol	7.12	128	233423	18.679	ng/ul	95
11) 2-Methylphenol	8.00	108	209827	17.236	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	236487	16.443	ng/ul	97
14) Acetophenone	8.37	105	334168	16.414	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	163666	15.414	ng/ul	96
16) 4-Methylphenol	8.33	108	219928	16.718	ng/ul	100
17) Hexachloroethane	8.61	117	97515	19.247	ng/ul	93
20) Nitrobenzene	8.75	77	244655	18.236	ng/ul	93
21) Isophorone	9.27	82	431382	17.284	ng/ul	99
23) 2-Nitrophenol	9.45	139	125567	19.701	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	247490	18.588	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	275146	18.016	ng/ul	100
27) 2,4-Dichlorophenol	9.98	162	216696	19.684	ng/ul	99
28) Naphthalene	10.37	128	715792	19.742	ng/ul	100
30) 4-Chloroaniline	10.50	127	190781	18.690	ng/ul	97
31) Hexachlorobutadiene	10.65	225	146915	20.094	ng/ul	97
32) Caprolactam	11.28	113	58419m	16.040	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	211577	16.922	ng/ul	95
34) 2-Methylnaphthalene	11.99	142	502589	18.569	ng/ul	96

SJ 12/11/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	255410	20.764 ng/ul	96
37) Hexachlorocyclopentadiene	12.34	237	126800	15.985 ng/ul	99
38) 2,4,6-Trichlorophenol	12.62	196	158130	19.780 ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	167466	19.587 ng/ul	99
40) 1,1'-Biphenyl	13.03	154	615552	20.284 ng/ul	100
41) 2-Chloronaphthalene	13.06	162	479109	20.183 ng/ul	98
42) 2-Nitroaniline	13.29	65	120255	17.396 ng/ul	97
44) Dimethylphthalate	13.67	163	565687	18.254 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	114566	18.814 ng/ul	99
47) Acenaphthylene	13.92	152	720825	19.938 ng/ul	99
48) 3-Nitroaniline	14.13	138	105810	18.214 ng/ul	96
49) Acenaphthene	14.27	153	507386	19.473 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	53579	12.977 ng/ul	94
52) 4-Nitrophenol	14.45	109	68778	14.379 ng/ul	93
53) Dibenzofuran	14.60	168	706011	19.148 ng/ul	100
54) 2,4-Dinitrotoluene	14.60	165	168463	18.272 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.84	232	148147	18.792 ng/ul	97
56) Diethylphthalate	15.05	149	562511	17.620 ng/ul	98
58) Fluorene	15.26	166	571805	18.597 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	291015	18.426 ng/ul	97
60) 4-Nitroaniline	15.31	138	105111	16.276 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.36	198	98728	17.075 ng/ul	94
64) N-Nitrosodiphenylamine	15.48	169	486590	20.138 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	180476	20.125 ng/ul	96
66) Hexachlorobenzene	16.26	284	196039	19.667 ng/ul	98
67) Atrazine	16.45	200	166197	18.544 ng/ul	99
68) Pentachlorophenol	16.62	266	110567	17.829 ng/ul	98
69) Phenanthrene	17.00	178	886337	19.749 ng/ul	99
71) Anthracene	17.10	178	900553	19.621 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	248273	22.323 ng/uL	99
73) Pentachlorobenzene	14.52	250	240185	21.114 ng/uL	99
74) Carbazole	17.37	167	763919	18.889 ng/ul	99
75) Di-n-butylphthalate	17.94	149	918223	17.966 ng/ul	99
76) Fluoranthene	19.03	202	992639	18.804 ng/ul	100
79) Pyrene	19.40	202	1043279	19.896 ng/ul	99
80) Butylbenzylphthalate	20.32	149	415046	18.511 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.11	252	327072	18.394 ng/ul	99
82) Benzo(a)anthracene	21.16	228	1040381	19.419 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	614583	18.511 ng/ul	99
84) Chrysene	21.22	228	996182	19.882 ng/ul	98
86) Di-n-octyl phthalate	21.97	149	1042099	16.350 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	1090617	19.281 ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	1029163	18.721 ng/ul	99
90) Benzo(a)pyrene	23.26	252	1037867	19.349 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.50	276	1246694	21.935 ng/ul	100
92) Dibenzo(a,h)anthracene	25.52	278	1039856	21.670 ng/ul	100
93) Benzo(g,h,i)perylene	26.16	276	1053133	22.927 ng/ul	99

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