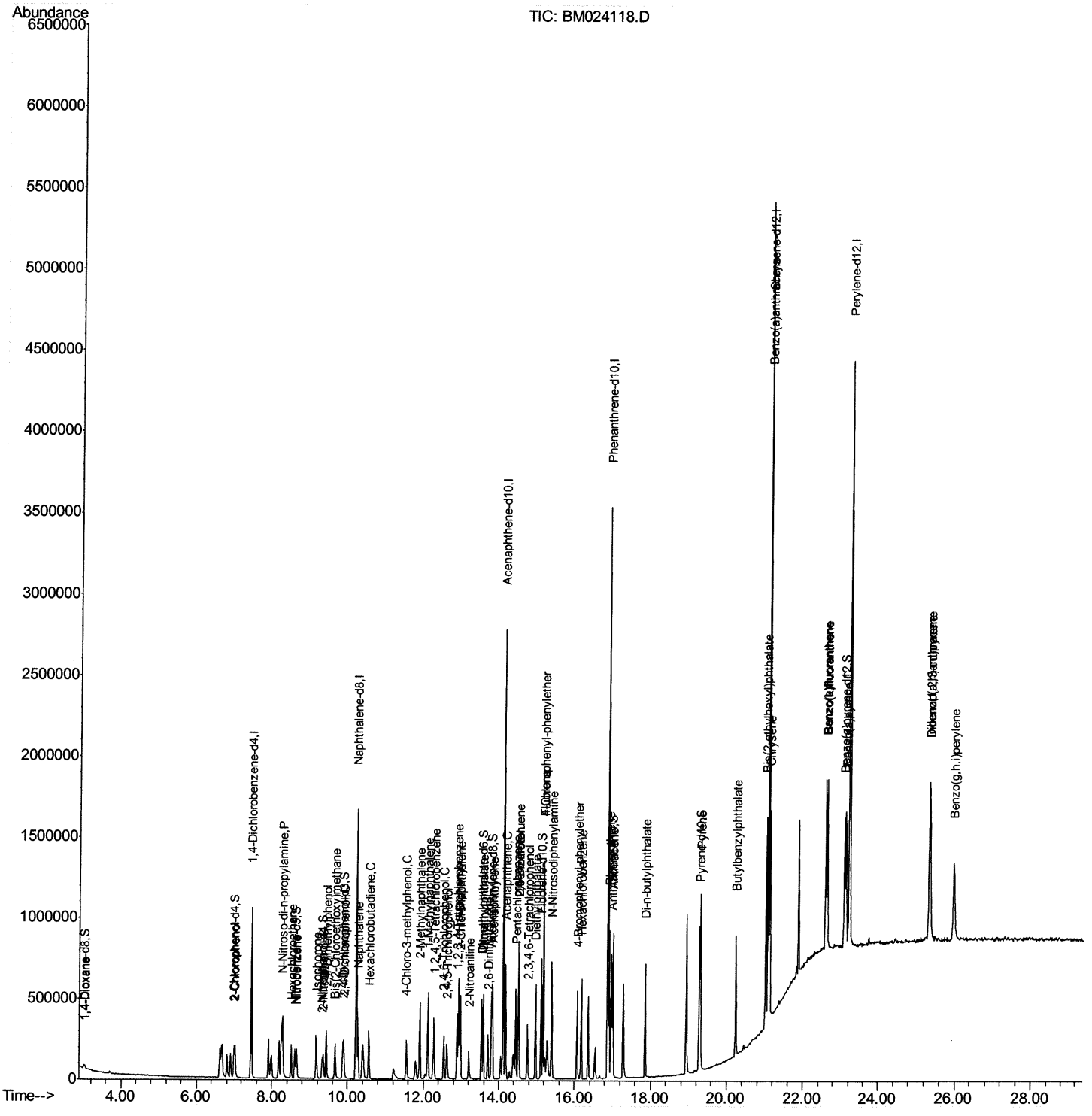
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121719\
Data File : BM024118.D
Acq On : 17 Dec 2019 12:16
Operator : JU
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 17 14:32:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 14:04:34 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD005030

Manual Integrations APPROVED
mohammad
12/18/2019 2:42:12 PM



Quantitation Report (Qedit)

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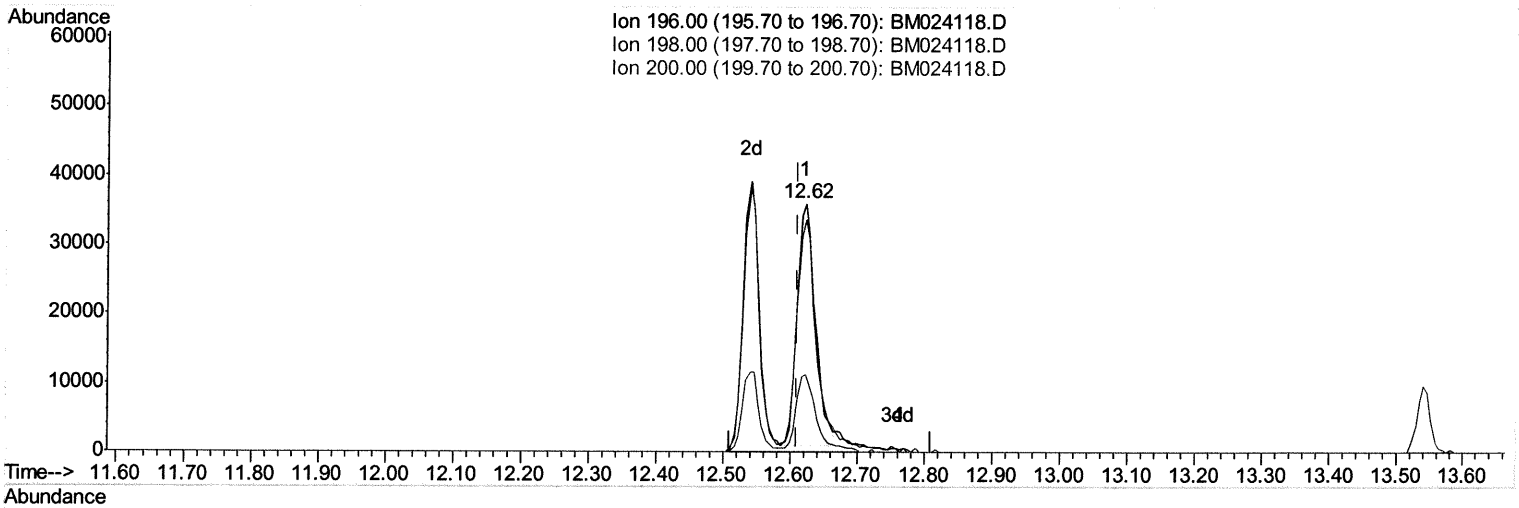
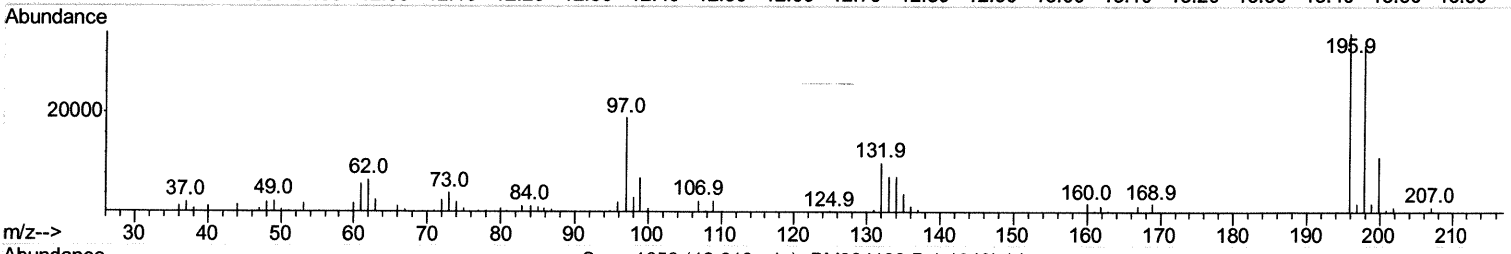
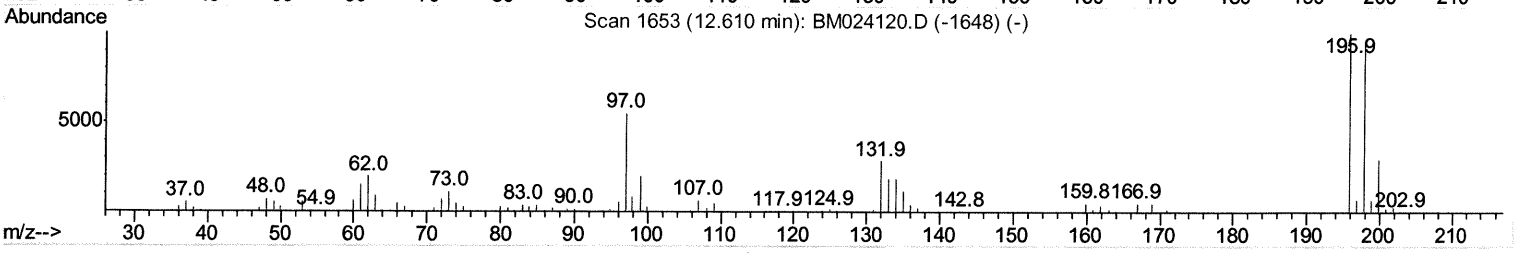




Scan 1653 (12.610 min): BM024120.D (-1648) (-)



TIC: BM024118.D

(40) 2,4,5-Trichlorophenol

12.622min (+0.012) 3.45ng/ul

response 65835

Ion	Exp%	Act%
196.00	100	100
198.00	93.70	93.48
200.00	29.50	31.12
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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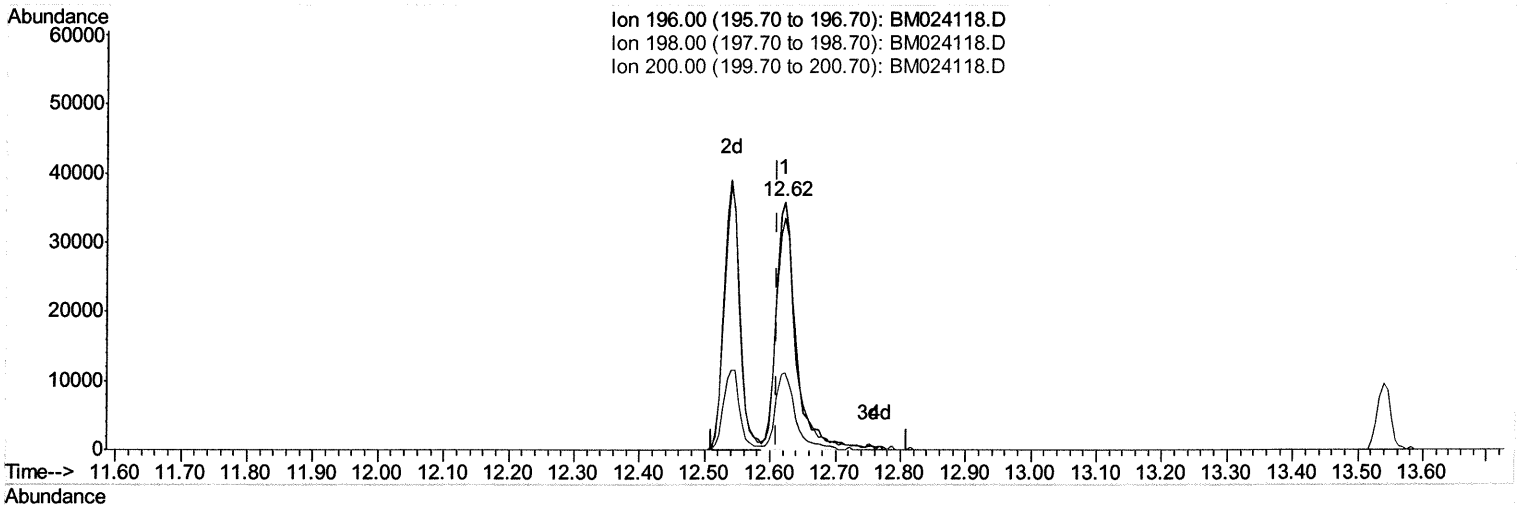
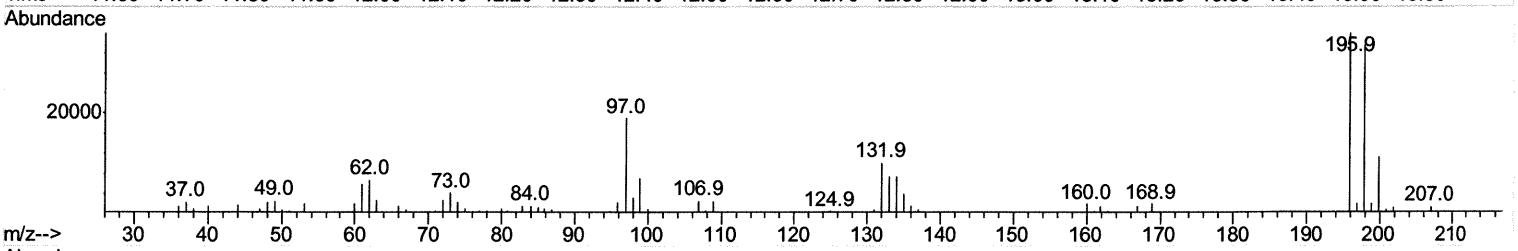
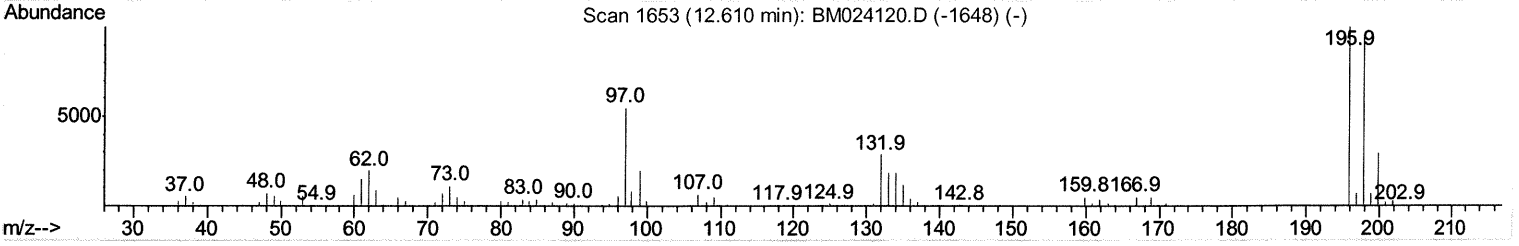




Scan 1653 (12.610 min): BM024120.D (-1648) (-)



TIC: BM024118.D

(40) 2,4,5-Trichlorophenol

12.622min (+0.012) 3.97ng/ul m JU 12/18/19

response 75706

Ion	Exp%	Act%
196.00	100	100
198.00	93.70	93.48
200.00	29.50	31.12
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	7.45	152	289697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1307861	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	883702	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1954037	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2022388	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	2405264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	11783	1.81	ng/uL	0.01
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	6.99	132	87483	4.46	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.61	128	40936	4.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	40981	3.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	84827	3.88	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.54	166	309810	4.51	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	353153	4.39	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.12	176	272225	4.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.97	188	426952	4.57	ng/ul	0.00
79) Pyrene-d10	19.28	212	451064	4.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	539443	4.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	14528	2.080	ng/uL	93
10) 2-Chlorophenol	7.03	128	91892	4.576	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.27	70	81466	4.975	ng/ul	98
17) Hexachloroethane	8.51	117	38972	4.705	ng/ul	96
20) Nitrobenzene	8.65	77	120154	4.872	ng/ul	96
21) Isophorone	9.18	82	216937	4.634	ng/ul	99
23) 2-Nitrophenol	9.36	139	46633	3.820	ng/ul#	85
24) 2,4-Dimethylphenol	9.43	107	109586	4.449	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.66	93	141026	4.802	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	84969	4.047	ng/ul	96
28) Naphthalene	10.27	128	336372	4.878	ng/ul	99
31) Hexachlorobutadiene	10.56	225	60009	4.527	ng/ul	96
33) 4-Chloro-3-methylphenol	11.55	107	102331	4.605	ng/ul	94
34) 2-Methylnaphthalene	11.90	142	229436	4.583	ng/ul	97
35) 1-Methylnaphthalene	12.12	142	240543	4.894	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	113858	4.131	ng/ul	93
39) 2,4,6-Trichlorophenol	12.54	196	64747	3.606	ng/ul	98
40) 2,4,5-Trichlorophenol	12.62	196	75706m >	3.966	ng/ul =	JH 12/18/19
41) 1,1'-Biphenyl	12.94	154	319600	4.476	ng/ul	98
42) 2-Chloronaphthalene	12.97	162	246097	4.505	ng/ul	99
43) 2-Nitroaniline	13.20	65	58948	4.151	ng/ul	94
45) Dimethylphthalate	13.59	163	325734	4.846	ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	51485	3.915	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	13.83	152	384937	4.730	ng/ul	98
50) Acenaphthene	14.18	153	276763	4.787	ng/ul	99
54) Dibenzofuran	14.52	168	388004	4.744	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	80616	4.215	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	14.76	232	64954	3.863	ng/ul	97
57) Diethylphthalate	14.97	149	325071	4.833	ng/ul	99
59) Fluorene	15.17	166	318749	4.832	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	156311	4.703	ng/ul	98
65) N-Nitrosodiphenylamine	15.39	169	268986	4.347	ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	96511	4.051	ng/ul	97
67) Hexachlorobenzene	16.18	284	119459	4.326	ng/ul	97
70) Phenanthrene	16.91	178	533046	4.829	ng/ul	99
72) Anthracene	17.00	178	518879	4.630	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	117811	4.009	ng/uL	98
74) Pentachlorobenzene	14.45	250	131664	4.166	ng/uL	97
76) Di-n-butylphthalate	17.86	149	476561	3.949	ng/ul	99
80) Pyrene	19.30	202	642143	4.713	ng/ul	99
81) Butylbenzylphthalate	20.23	149	201119	3.474	ng/ul	95
83) Benzo(a)anthracene	21.07	228	618873	4.578	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	307878	3.578	ng/ul	100
85) Chrysene	21.12	228	621980	4.900	ng/ul	99
88) Benzo(b)fluoranthene	22.59	252	639925	4.302	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	683286	4.839	ng/ul	99
91) Benzo(a)pyrene	23.12	252	599943	4.266	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.33	276	719433	4.120	ng/ul	98
93) Dibenzo(a,h)anthracene	25.33	278	595361	4.059	ng/ul	99
94) Benzo(g,h,i)perylene	25.97	276	597709	4.087	ng/ul	97

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