

(QT Reviewed)

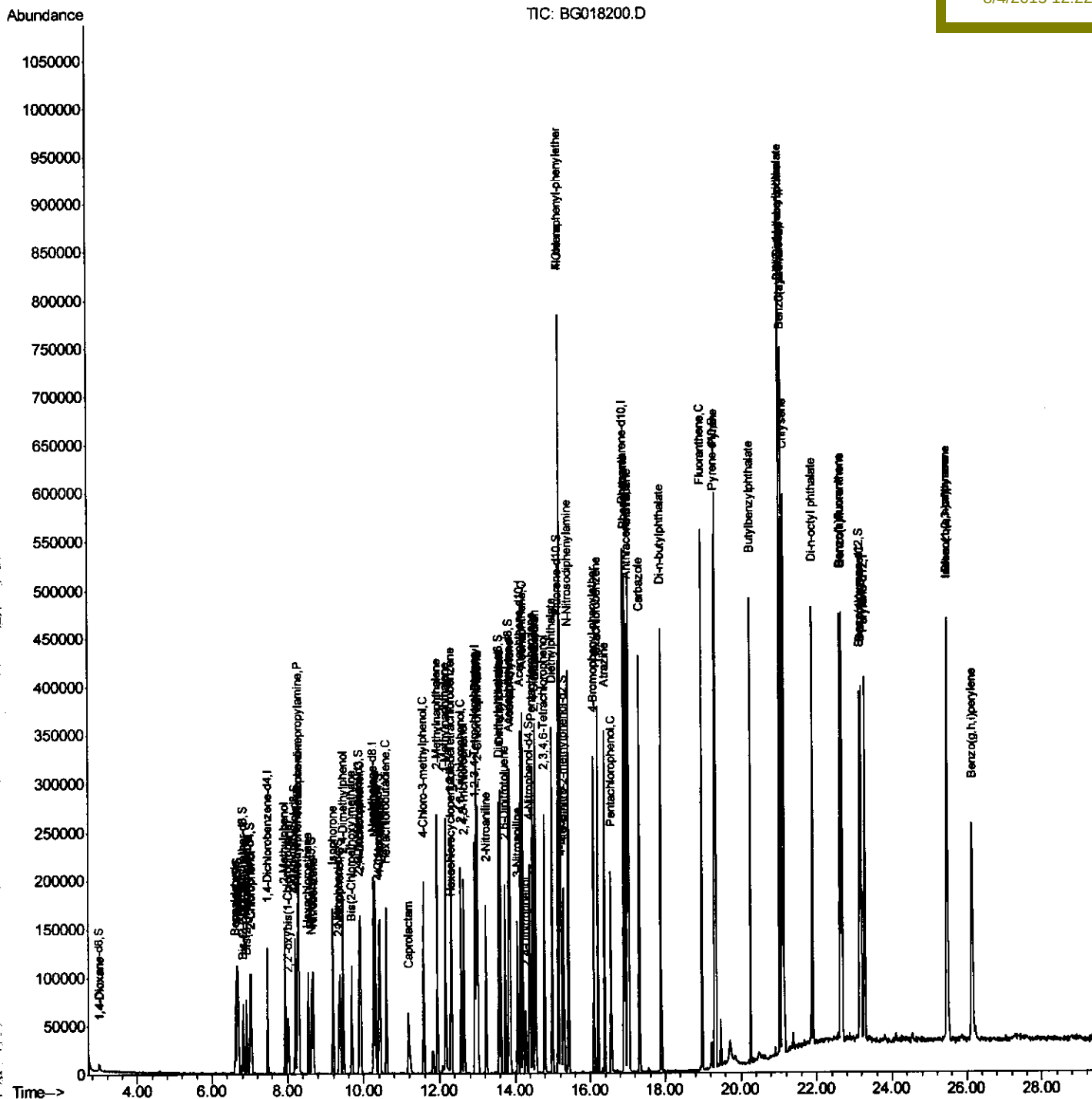
Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018200.D
Acq On : 1 Aug 2015 2:51
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02053

Quant Time: Aug 01 06:40:13 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:52:12 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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Quantitation Report (Qedit)

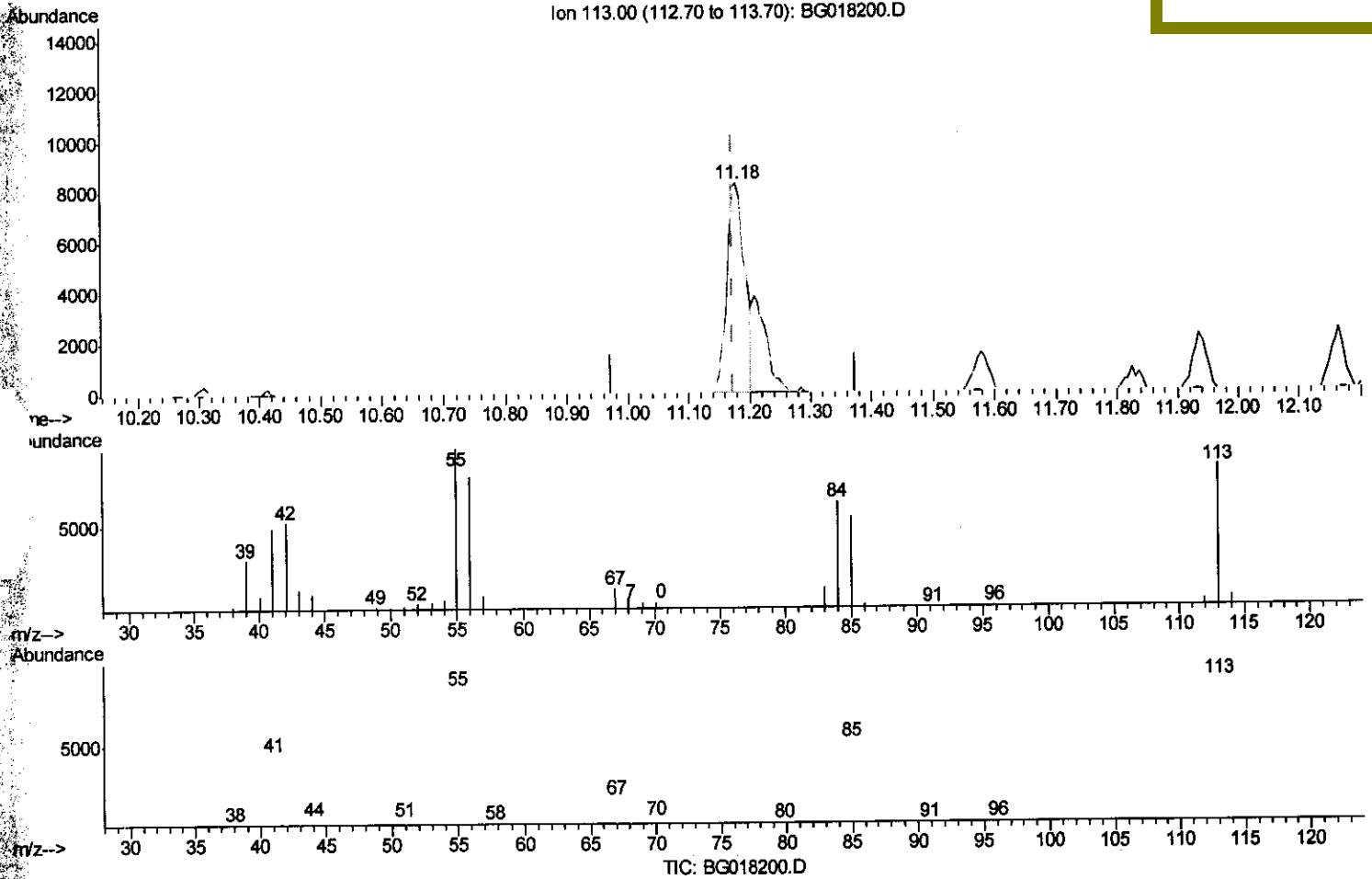
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(32) Caprolactam

11.178min (+0.006) 14.27ng/ul

response 17299

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	114.17#
56.00	66.50	94.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

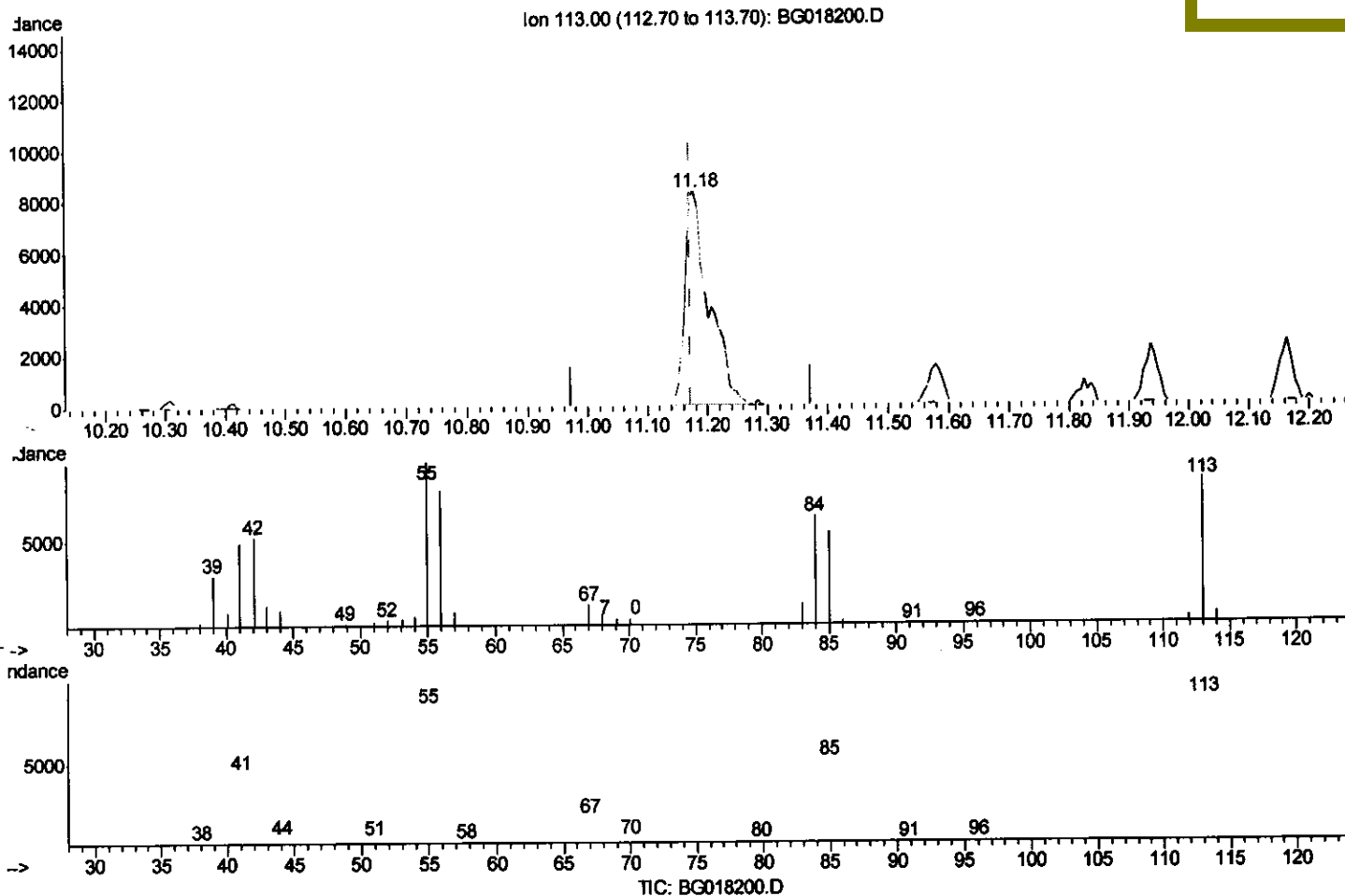
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11.178min (+0.006) 19.25ng/ul m

response 23332

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	114.17#
56.00	66.50	94.43#
0.00	0.00	0.00

> UM
 08/11/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	32389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	159706	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	118535	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	288603	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	266596	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	259084	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	3878	9.04	ng/uL	0.00
5) Phenol-d5	6.67	99	56936	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	29320	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	42965	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	46954	19.80	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	24336	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	28040	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	53139	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	68228	21.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	171370	18.71	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	212136	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	32019	18.89	ng/ul	0.00
58) Fluorene-d10	15.15	176	161070	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	30822	15.30	ng/ul	0.00
71) Anthracene-d10	17.01	188	245681	19.58	ng/ul	0.00
79) Pyrene-d10	19.32	212	258957	20.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	260508	19.88	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.01	88	4255	8.60	ng/uL#	84
4) Benzaldehyde	6.62	77	32614	20.71	ng/ul#	80
6) Phenol	6.70	94	59220	20.02	ng/ul#	85
8) Bis(2-Chloroethyl)ether	6.91	93	43091	20.12	ng/ul	96
10) 2-Chlorophenol	7.05	128	44196	20.75	ng/ul#	81
11) 2-Methylphenol	7.93	108	47163	20.21	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.02	45	36708	19.48	ng/ul#	92
14) Acetophenone	8.30	105	71970	19.50	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.29	70	40590	19.38	ng/ul#	89
16) 4-Methylphenol	8.26	108	50901	19.70	ng/ul	91
17) Hexachloroethane	8.54	117	19607	19.83	ng/ul	95
20) Nitrobenzene	8.68	77	60211	20.02	ng/ul#	74
21) Isophorone	9.19	82	116623	18.74	ng/ul#	89
23) 2-Nitrophenol	9.38	139	30299	20.57	ng/ul#	73
24) 2,4-Dimethylphenol	9.46	107	62758	19.78	ng/ul	86
25) Bis(2-Chloroethoxy)methane	9.69	93	60987	18.96	ng/ul#	94
27) 2,4-Dichlorophenol	9.91	162	49641	20.03	ng/ul#	95
28) Naphthalene	10.31	128	151136	19.66	ng/ul	98
30) 4-Chloroaniline	10.43	127	69421	21.64	ng/ul	96
31) Hexachlorobutadiene	10.60	225	34920	20.20	ng/ul	92
32) Caprolactam	11.18	113	23332m	19.25	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	66031	20.88	ng/ul	84
34) 2-Methylnaphthalene	11.94	142	120543	19.80	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	117599	20.14	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	65664	19.74	ng/ul#	97
38) Hexachlorocyclopentadiene	12.29	237	26469	15.55	ng/ul#	94
39) 2,4,6-Trichlorophenol	12.57	196	45974	20.54	ng/ul	85
40) 2,4,5-Trichlorophenol	12.64	196	49806	20.55	ng/ul	90
41) 1,1'-Biophenyl	12.98	154	162236	19.15	ng/ul#	98
42) 2-Chloronaphthalene	13.01	162	129325	20.21	ng/ul	93
43) 2-Nitroaniline	13.23	65	42356	19.23	ng/ul#	69
45) Dimethylphthalate	13.62	163	171035	18.77	ng/ul	99
46) 2,6-Dinitrotoluene	13.74	165	39289	18.79	ng/ul#	75
48) Acenaphthylene	13.87	152	208297	19.75	ng/ul	99
49) 3-Nitroaniline	14.07	138	37401	20.31	ng/ul#	71
50) Acenaphthene	14.22	153	135920	19.78	ng/ul	95
51) 2,4-Dinitrophenol	14.29	184	15757	12.72	ng/ul#	72
53) 4-Nitrophenol	14.40	109	34654	20.25	ng/ul#	75
54) Dibenzofuran	14.56	168	203838	19.70	ng/ul#	87
55) 2,4-Dinitrotoluene	14.54	165	56446	18.59	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	14.79	232	49964	20.94	ng/ul#	90
57) Diethylphthalate	15.00	149	177862	18.84	ng/ul	98
59) Fluorene	15.21	166	173367	19.42	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	93511	19.40	ng/ul	93
61) 4-Nitroaniline	15.24	138	43209	20.87	ng/ul#	57
64) 4,6-Dinitro-2-methylphenol	15.30	198	32260	15.14	ng/ul#	89
65) N-Nitrosodiphenylamine	15.43	169	150129	20.07	ng/ul	99
66) 4-Bromophenyl-phenylether	16.11	248	62451	20.42	ng/ul	92
67) Hexachlorobenzene	16.21	284	75404	20.42	ng/ul	97
68) Atrazine	16.39	200	64417	19.58	ng/ul	97
69) Pentachlorophenol	16.57	266	37202	18.45	ng/ul	97
70) Phenanthrene	16.95	178	288748	19.69	ng/ul	100
72) Anthracene	17.04	178	289960	19.88	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	66523	20.43	ng/uL	98
74) Pentachlorobenzene	14.47	250	73331	20.10	ng/uL	94
75) Carbazole	17.32	167	250154	20.64	ng/ul	98
76) Di-n-butylphthalate	17.89	149	307275	19.06	ng/ul#	98
77) Fluoranthene	18.98	202	332157	20.63	ng/ul	99
80) Pyrene	19.34	202	330488	20.44	ng/ul	99
81) Butylbenzylphthalate	20.26	149	126326	19.23	ng/ul#	84
82) 3,3'-Dichlorobenzidine	21.04	252	105812	18.82	ng/ul	98
83) Benzo(a)anthracene	21.10	228	285541	19.89	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	172277	19.44	ng/ul	95
85) Chrysene	21.15	228	260289	19.79	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	271902	19.87	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	307917	19.78	ng/ul#	98
89) Benzo(k)fluoranthene	22.68	252	273107	19.09	ng/ul#	97
91) Benzo(a)pyrene	23.19	252	276447	19.85	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.47	276	334453	20.76	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.49	278	290105	21.03	ng/ul#	94
94) Benzo(a,h,i)perylene	26.14	276	274112	20.84	ng/ul#	93

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