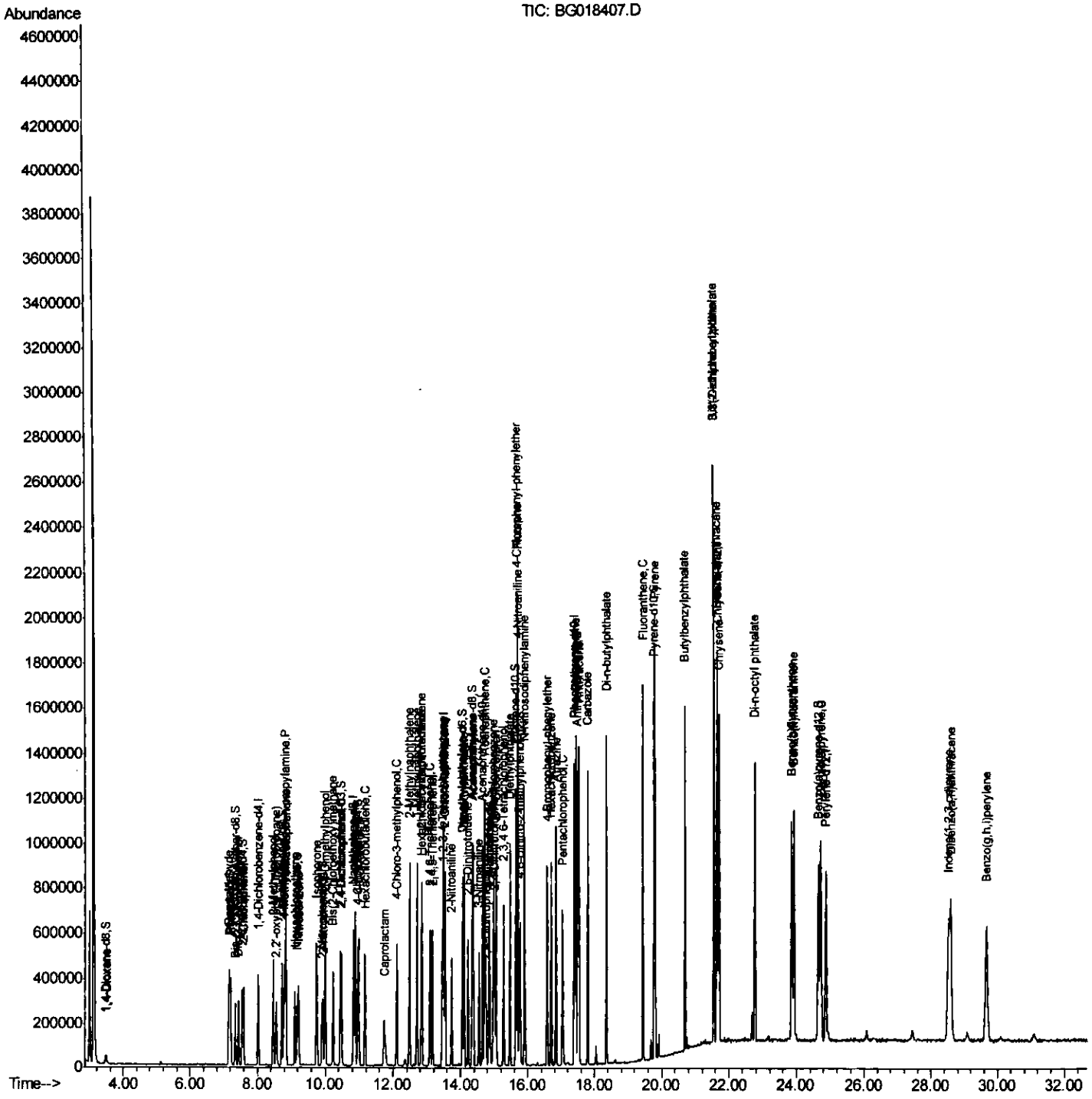
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
Data File : BG018407.D
Acq On : 12 Aug 2015 21:06
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 04:05:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 02:05:44 2015
Response via : Initial Calibration



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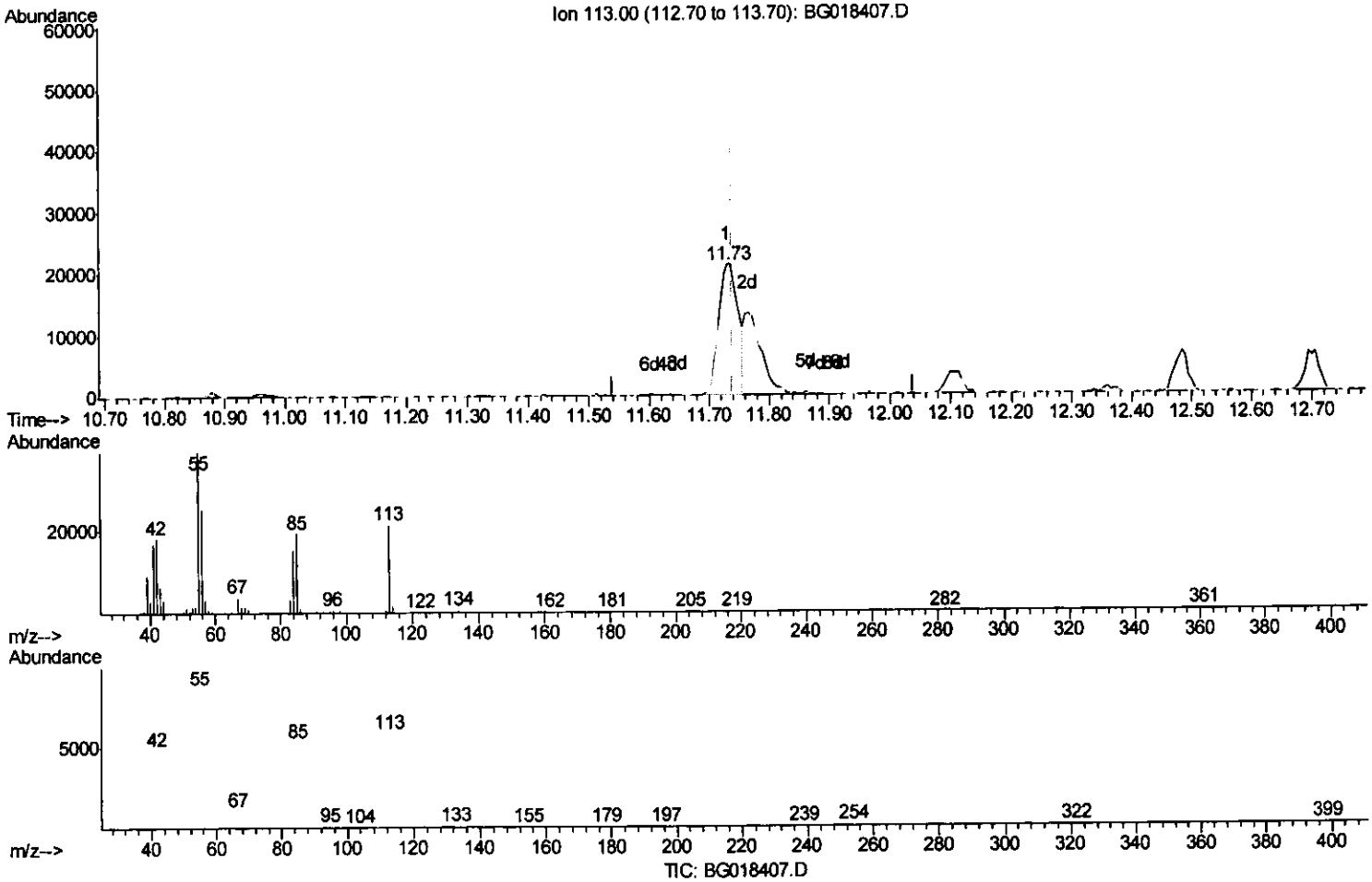
Data File : BG018407.D
Acq On : 12 Aug 2015 21:06
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 02:10:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 02:05:44 2015
Response via : Initial Calibration



(32) Caprolactam

11.730min (-0.008) 14.22ng/ul

response 48091

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	183.36
56.00	122.80	118.07
0.00	0.00	0.00

Quantitation Report (Qedit)

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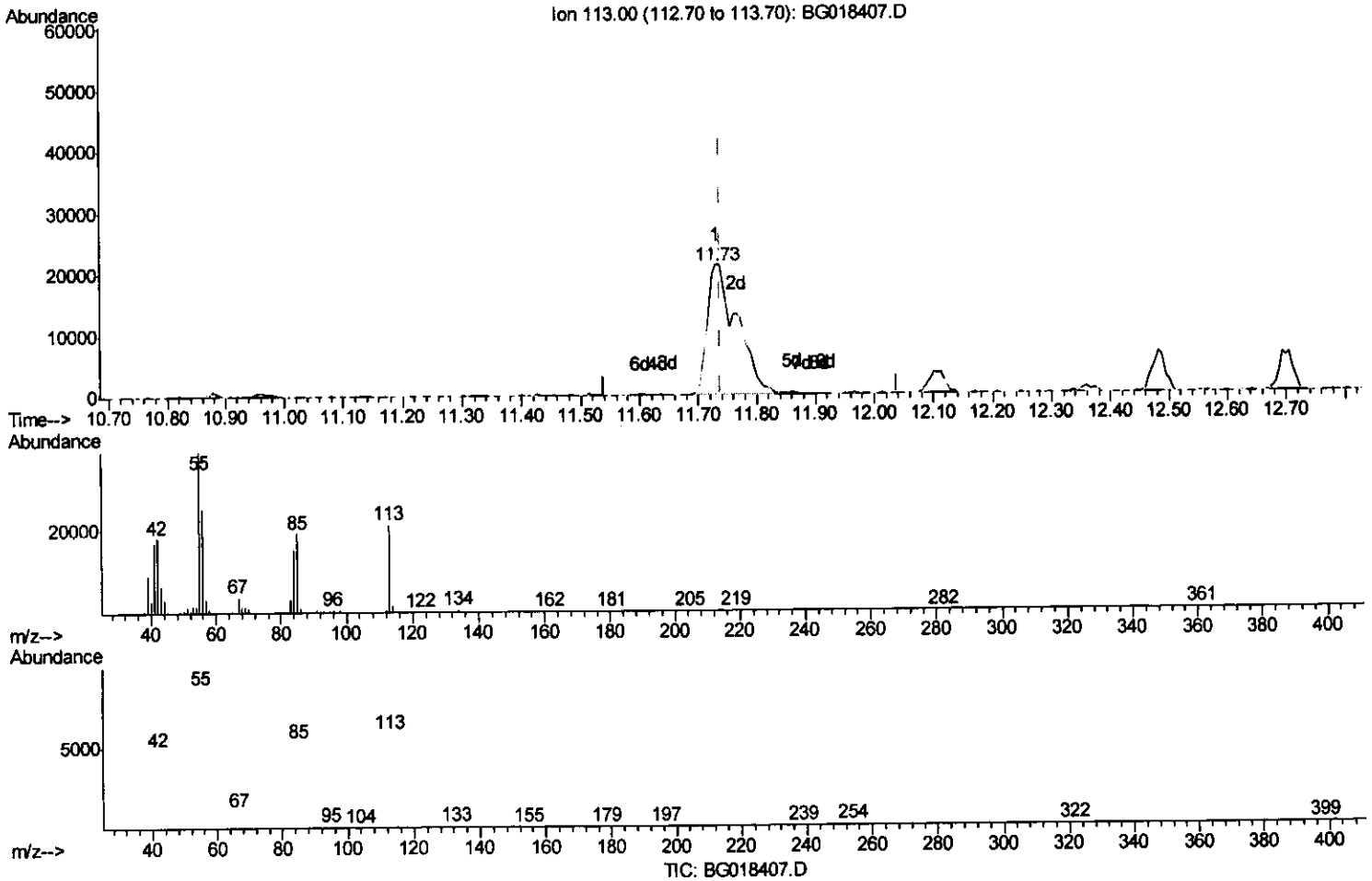
Quant Time: Aug 13 02:10:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 02:05:44 2015
Response via : Initial Calibration



(32) Caprolactam

11.730min (-0.008) 22.28ng/ul m U.M 8/14/15

response 75337

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	183.36
56.00	122.80	118.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081215\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 02:05:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	116869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	531685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	327528	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	785991	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	740309	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	739883	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	20384	7.71	ng/uL	0.00
5) Phenol-d5	7.18	99	216149	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	130591	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	164751	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	186826	20.96	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	84332	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	94396	22.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	191342	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	251519	24.84	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	559044	20.29	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	717149	20.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	107111	21.61	ng/ul	0.00
58) Fluorene-d10	15.64	176	498327	20.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	92948	24.04	ng/ul	0.00
71) Anthracene-d10	17.49	188	765327	20.36	ng/ul	0.00
79) Pyrene-d10	19.77	212	815300	21.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	818157	20.83	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	19300	6.82	ng/uL	85
4) Benzaldehyde	7.16	77	140562	22.59	ng/ul	98
6) Phenol	7.21	94	220818	20.41	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.44	93	172631	20.74	ng/ul	97
10) 2-Chlorophenol	7.59	128	168277	20.32	ng/ul	92
11) 2-Methylphenol	8.46	108	171843	20.48	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.56	45	223897	16.76	ng/ul	97
14) Acetophenone	8.84	105	277367	21.55	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.82	70	149848	20.28	ng/ul	93
16) 4-Methylphenol	8.79	108	194787	21.28	ng/ul	96
17) Hexachloroethane	9.11	117	70593	19.78	ng/ul#	85
20) Nitrobenzene	9.22	77	205182	19.62	ng/ul	92
21) Isophorone	9.74	82	408933	20.33	ng/ul	99
23) 2-Nitrophenol	9.94	139	104978	22.40	ng/ul	89
24) 2,4-Dimethylphenol	10.00	107	211537	20.14	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.23	93	257278	20.52	ng/ul	94
27) 2,4-Dichlorophenol	10.47	162	179409	21.38	ng/ul	98
28) Naphthalene	10.88	128	574813	20.45	ng/ul	99
30) 4-Chloroaniline	10.98	127	252746	24.54	ng/ul	99
31) Hexachlorobutadiene	11.17	225	110745	20.89	ng/ul	95
32) Caprolactam	11.73	113	75337m	22.28	ng/ul	
33) 4-Chloro-3-methylphenol	12.11	107	202216	20.79	ng/ul	99
34) 2-Methylnaphthalene	12.48	142	417883	20.53	ng/ul	90

U.M 8/14/15

Quantitation Report (QT Reviewed)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 04:05:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 02:05:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.70	142	408239	20.54 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.85	216	214382	20.41 ng/ul	99
38) Hexachlorocyclopentadiene	12.83	237	127232	20.35 ng/ul	90
39) 2,4,6-Trichlorophenol	13.08	196	149935	20.96 ng/ul	96
40) 2,4,5-Trichlorophenol	13.16	196	159049	20.68 ng/ul	98
41) 1,1'-Biphenyl	13.49	154	556200	20.35 ng/ul	98
42) 2-Chloronaphthalene	13.53	162	423956	19.97 ng/ul	97
43) 2-Nitroaniline	13.72	65	137506	20.06 ng/ul	89
45) Dimethylphthalate	14.10	163	550405	20.25 ng/ul#	96
46) 2,6-Dinitrotoluene	14.22	165	120694	22.30 ng/ul	88
48) Acenaphthylene	14.37	152	705786	20.28 ng/ul	98
49) 3-Nitroaniline	14.55	138	127301	23.05 ng/ul	91
50) Acenaphthene	14.72	153	496449	20.33 ng/ul	98
51) 2,4-Dinitrophenol	14.75	184	59844	22.67 ng/ul	90
53) 4-Nitrophenol	14.86	109	86610	20.10 ng/ul	97
54) Dibenzofuran	15.05	168	648234	20.32 ng/ul	96
55) 2,4-Dinitrotoluene	15.00	165	172246	22.29 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.27	232	143800	21.46 ng/ul#	92
57) Diethylphthalate	15.46	149	590073	20.43 ng/ul	98
59) Fluorene	15.70	166	555933	20.26 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	266154	20.49 ng/ul	99
61) 4-Nitroaniline	15.71	138	131174	21.51 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.77	198	95301	23.11 ng/ul	99
65) N-Nitrosodiphenylamine	15.90	169	485764	20.54 ng/ul	94
66) 4-Bromophenyl-phenylether	16.58	248	176094	20.72 ng/ul	97
67) Hexachlorobenzene	16.70	284	193527	21.53 ng/ul	97
68) Atrazine	16.85	200	199427	22.53 ng/ul	99
69) Pentachlorophenol	17.04	266	117898	19.58 ng/ul	97
70) Phenanthrene	17.44	178	855743	20.07 ng/ul	99
72) Anthracene	17.53	178	886117	20.39 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	226882	20.86 ng/uL	96
74) Pentachlorobenzene	14.97	250	222883	21.46 ng/uL	93
75) Carbazole	17.79	167	846114	22.21 ng/ul	99
76) Di-n-butylphthalate	18.35	149	1025120	20.60 ng/ul	99
77) Fluoranthene	19.44	202	1031438	22.65 ng/ul	100
80) Pyrene	19.80	202	1050289	20.98 ng/ul	98
81) Butylbenzylphthalate	20.69	149	455891	21.53 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.55	252	366185	23.82 ng/ul	98
83) Benzo(a)anthracene	21.64	228	960891	20.93 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	630028	21.06 ng/ul	98
85) Chrysene	21.70	228	874230	20.37 ng/ul	99
87) Di-n-octyl phthalate	22.76	149	1112753	23.31 ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	950572	20.45 ng/ul	100
89) Benzo(k)fluoranthene	23.92	252	932536	20.83 ng/ul	98
91) Benzo(a)pyrene	24.72	252	915701	20.72 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.52	276	1062599	20.78 ng/ul	98
93) Dibenzo(a,h)anthracene	28.59	278	875158	20.60 ng/ul	95
94) Benzo(g,h,i)perylene	29.67	276	869050	20.24 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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