Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070621\
Data File : BM030853.D
Acq On : 07 Jul 2021 12:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 07 13:31:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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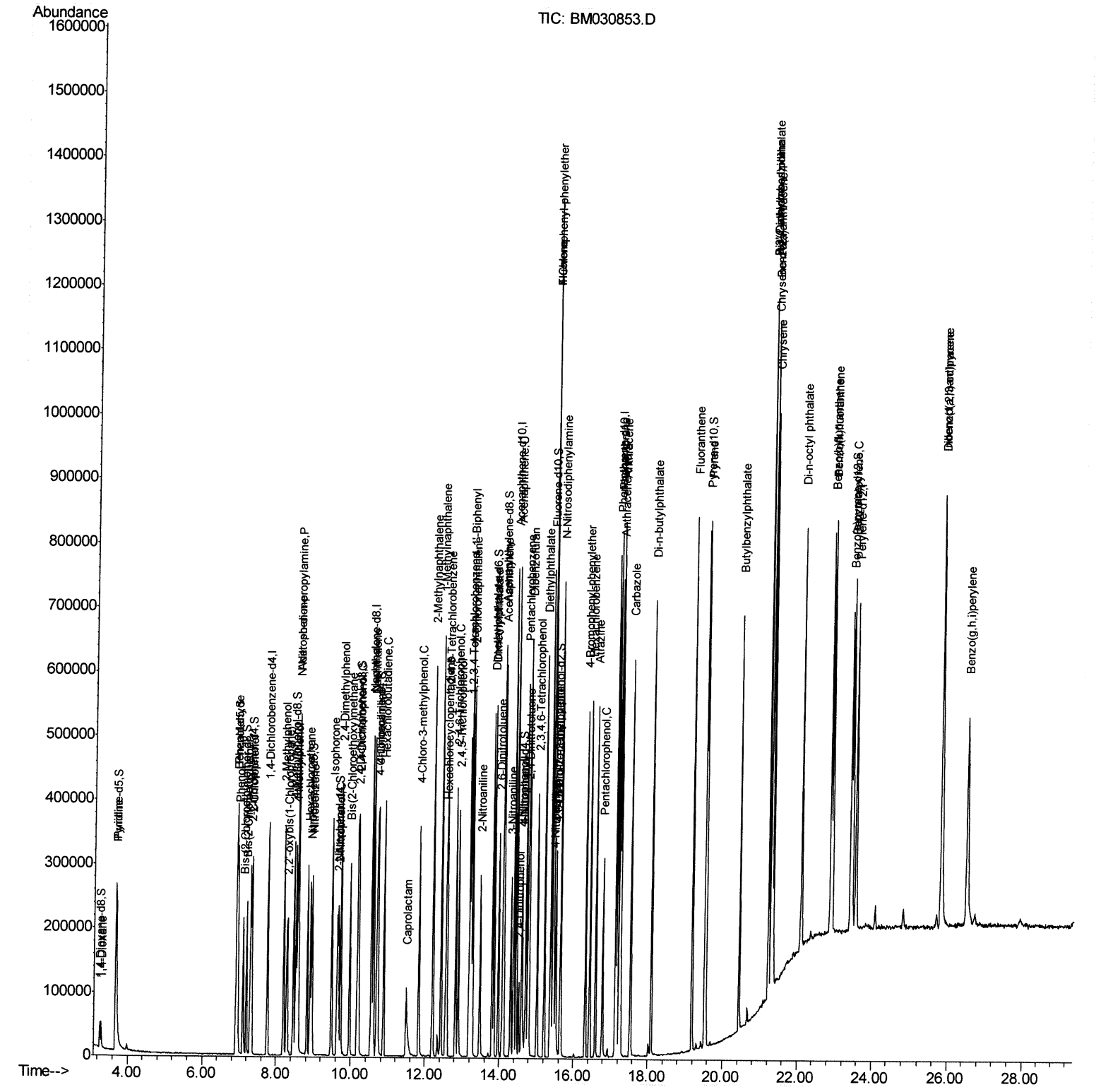

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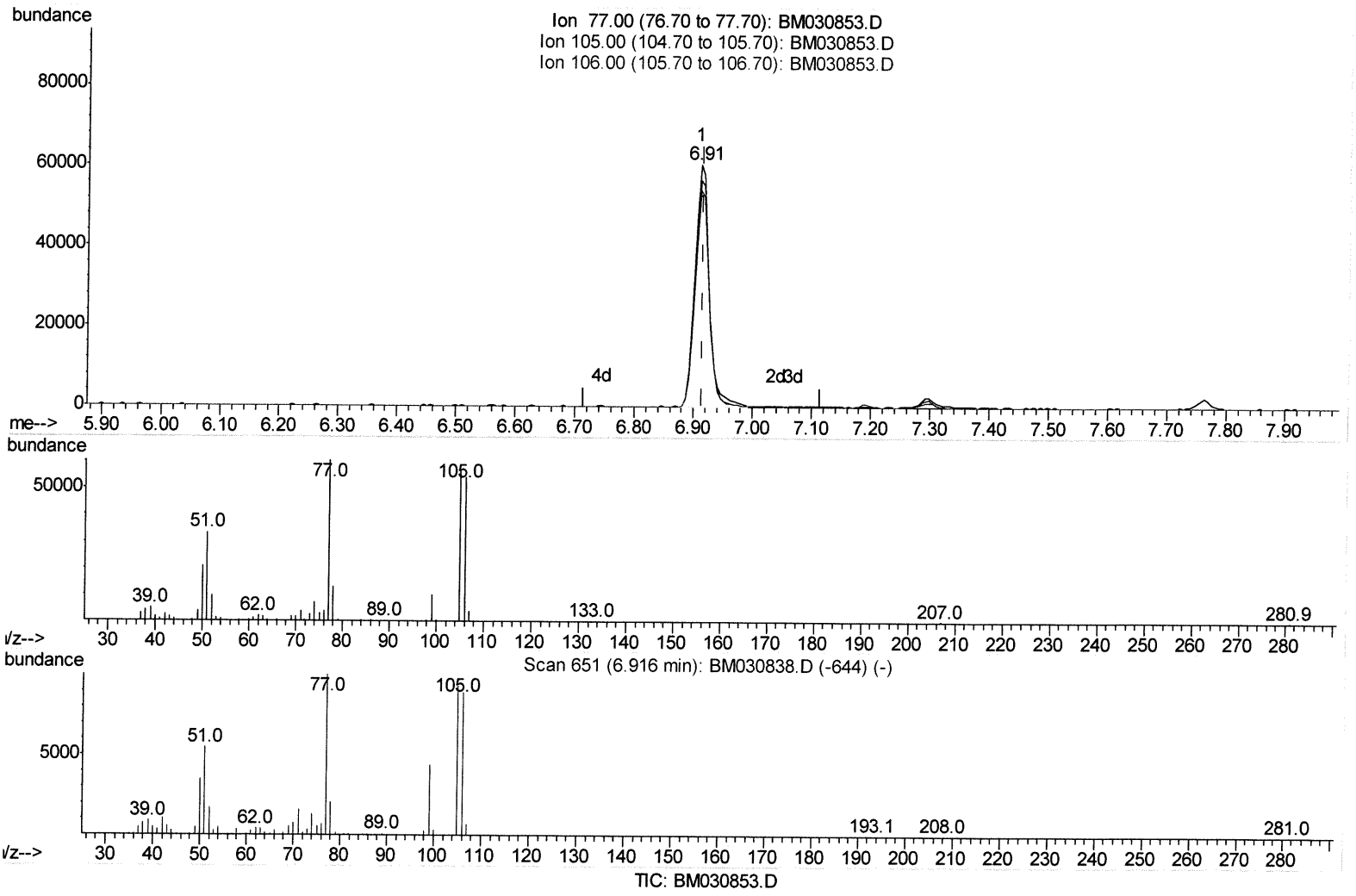

TIC: BM030853.D

(6) Benzaldehyde

6.910min (-0.006) 24.91ng/ul

response 102647

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	93.76
106.00	89.20	89.78
0.00	0.00	0.00

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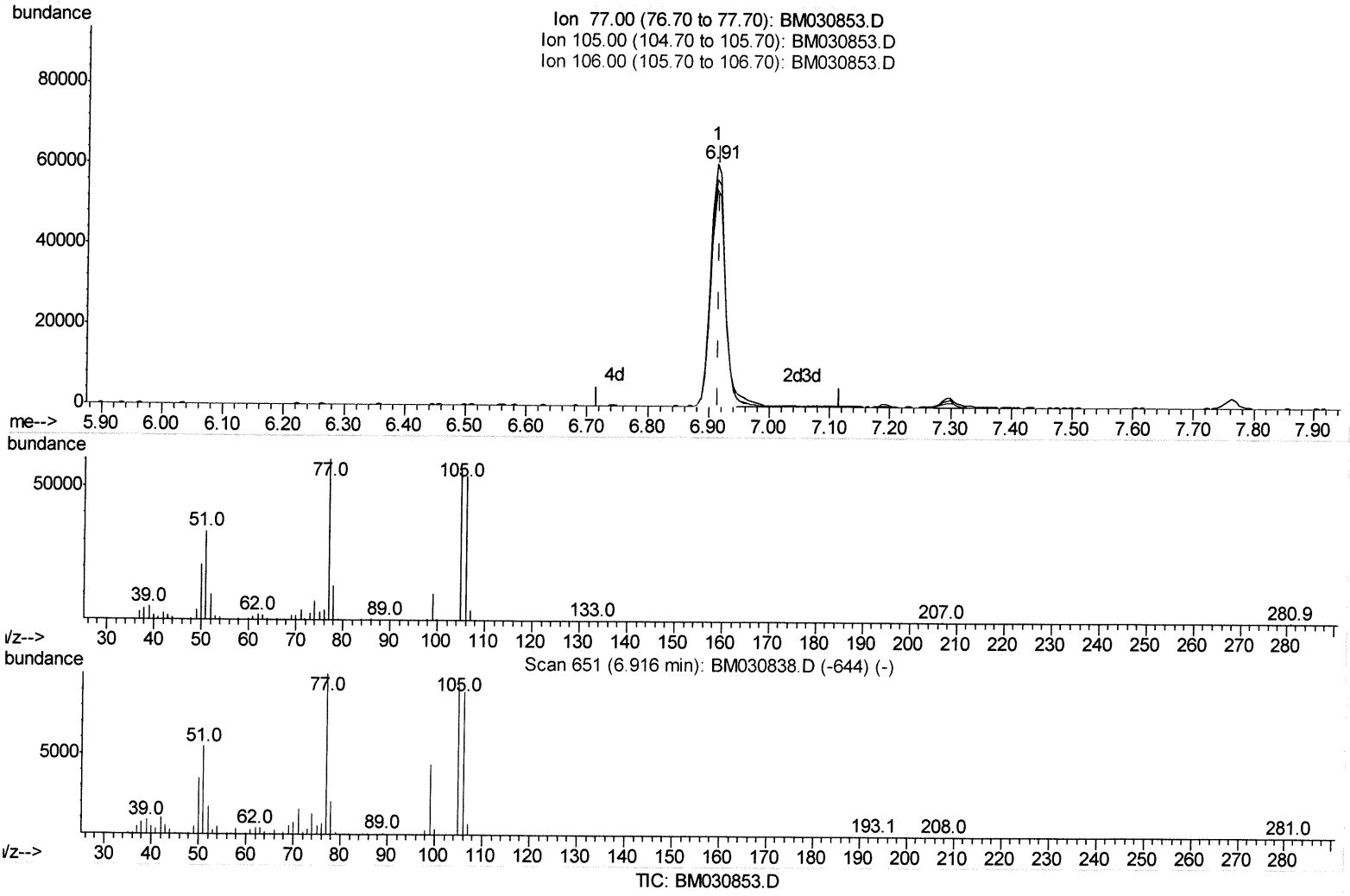

TIC: BM030853.D

(6) Benzaldehyde

6.910min (-0.006) 24.02ng/ul m JU 07/09/21

response 98979

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	93.76
106.00	89.20	89.78
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	7.76	152	91662	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	388657	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	244939	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	452814	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	344278	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	348185	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	17814	7.59	ng/uL	0.00
4) Pyridine-d5	3.68	84	114877	18.73	ng/ul	0.00
7) Phenol-d5	6.93	99	149658	18.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	99390	19.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	122749	19.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	120202	18.73	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	58097	20.10	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	62415	19.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	122740	20.17	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	164939	19.08	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	340182	19.84	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	433670	20.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	48166	16.14	ng/ul	0.00
60) Fluorene-d10	15.38	176	293779	19.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.51	200	45157	15.55	ng/ul	0.00
73) Anthracene-d10	17.23	188	418238	19.82	ng/ul	0.00
81) Pyrene-d10	19.52	212	388927	20.48	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.40	264	352626	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	18521	7.658	ng/uL	96
5) Pyridine	3.69	79	123336	18.443	ng/ul	95
6) Benzaldehyde	6.91	77	98979m	24.017	ng/ul	JU07/09/21
8) Phenol	6.96	94	154349	18.802	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.19	93	121527	19.005	ng/ul	96
12) 2-Chlorophenol	7.33	128	124383	20.206	ng/ul	99
13) 2-Methylphenol	8.20	108	113335	18.991	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.29	45	206164	19.579	ng/ul	98
16) Acetophenone	8.59	105	192668	19.073	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.57	70	101043	20.137	ng/ul	98
18) 4-Methylphenol	8.53	108	124237	18.972	ng/ul	94
19) Hexachloroethane	8.83	117	51982	20.068	ng/ul	95
22) Nitrobenzene	8.96	77	151666	20.406	ng/ul	96
23) Isophorone	9.49	82	258837	19.955	ng/ul	99
25) 2-Nitrophenol	9.67	139	68028	20.062	ng/ul	93
26) 2,4-Dimethylphenol	9.73	107	141026	20.053	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.96	93	166562	20.291	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	117998	19.987	ng/ul	98
30) Naphthalene	10.59	128	389038	19.906	ng/ul	99
32) 4-Chloroaniline	10.71	127	162534	18.743	ng/ul	99
33) Hexachlorobutadiene	10.87	225	80305	20.010	ng/ul	98
34) Caprolactam	11.49	113	29651	17.363	ng/ul	97

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	120073	20.069	ng/ul	98
36) 2-Methylnaphthalene	12.21	142	275720	19.787	ng/ul	98
37) 1-Methylnaphthalene	12.43	142	280244	19.839	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	147905	19.907	ng/ul	98
40) Hexachlorocyclopentadiene	12.56	237	69742	15.442	ng/ul	99
41) 2,4,6-Trichlorophenol	12.82	196	94169	20.090	ng/ul	95
42) 2,4,5-Trichlorophenol	12.90	196	99048	19.936	ng/ul	98
43) 1,1'-Biphenyl	13.22	154	354161	19.843	ng/ul	99
44) 2-Chloronaphthalene	13.26	162	277006	19.832	ng/ul	99
45) 2-Nitroaniline	13.47	65	78421	19.981	ng/ul	99
47) Dimethylphthalate	13.85	163	333287	19.839	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	64987	20.085	ng/ul	94
50) Acenaphthylene	14.11	152	403052	19.918	ng/ul	100
51) 3-Nitroaniline	14.30	138	63788	18.869	ng/ul	97
52) Acenaphthene	14.46	153	290040	19.648	ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	23889	12.390	ng/ul	96
55) 4-Nitrophenol	14.61	109	42570	16.807	ng/ul	98
56) Dibenzofuran	14.79	168	407118	19.586	ng/ul	100
57) 2,4-Dinitrotoluene	14.76	165	89365	19.811	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.02	232	78574	19.020	ng/ul	98
59) Diethylphthalate	15.22	149	333473	20.000	ng/ul	100
61) Fluorene	15.44	166	330424	19.300	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.43	204	165981	19.263	ng/ul	97
63) 4-Nitroaniline	15.47	138	62490	19.405	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.53	198	43661	15.576	ng/ul	95
67) N-Nitrosodiphenylamine	15.65	169	275052	20.376	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	96147	20.161	ng/ul	96
69) Hexachlorobenzene	16.44	284	109595	20.248	ng/ul	99
70) Atrazine	16.60	200	91418	19.014	ng/ul	98
71) Pentachlorophenol	16.79	266	53532	16.276	ng/ul	95
72) Phenanthrene	17.17	178	473360	19.591	ng/ul	100
74) Anthracene	17.26	178	490075	19.741	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	145093	20.668	ng/uL	100
76) Pentachlorobenzene	14.71	250	141474	20.595	ng/uL	99
77) Carbazole	17.53	167	397816	18.434	ng/ul	99
78) Di-n-butylphthalate	18.10	149	489155	19.668	ng/ul	100
80) Fluoranthene	19.19	202	480439	20.521	ng/ul	99
82) Pyrene	19.55	202	492619	20.301	ng/ul	100
83) Butylbenzylphthalate	20.44	149	171017	20.618	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.23	252	131717	20.966	ng/ul	100
85) Benzo(a)anthracene	21.29	228	422804	19.642	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	244167	19.968	ng/ul	97
87) Chrysene	21.34	228	415386	19.613	ng/ul	99
89) Di-n-octyl phthalate	22.09	149	387423	17.917	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	417666	18.622	ng/ul	100
91) Benzo(k)fluoranthene	22.92	252	432683	19.847	ng/ul	99
93) Benzo(a)pyrene	23.45	252	391767	19.738	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.82	276	509196	20.628	ng/ul	98
95) Dibenzo(a,h)anthracene	25.83	278	428083	20.683	ng/ul	98
96) Benzo(g,h,i)perylene	26.52	276	426162	21.534	ng/ul	98

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

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

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