Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030708.D
Acq On : 30 Jun 2021 16:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 17:29:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 30 12:31:14 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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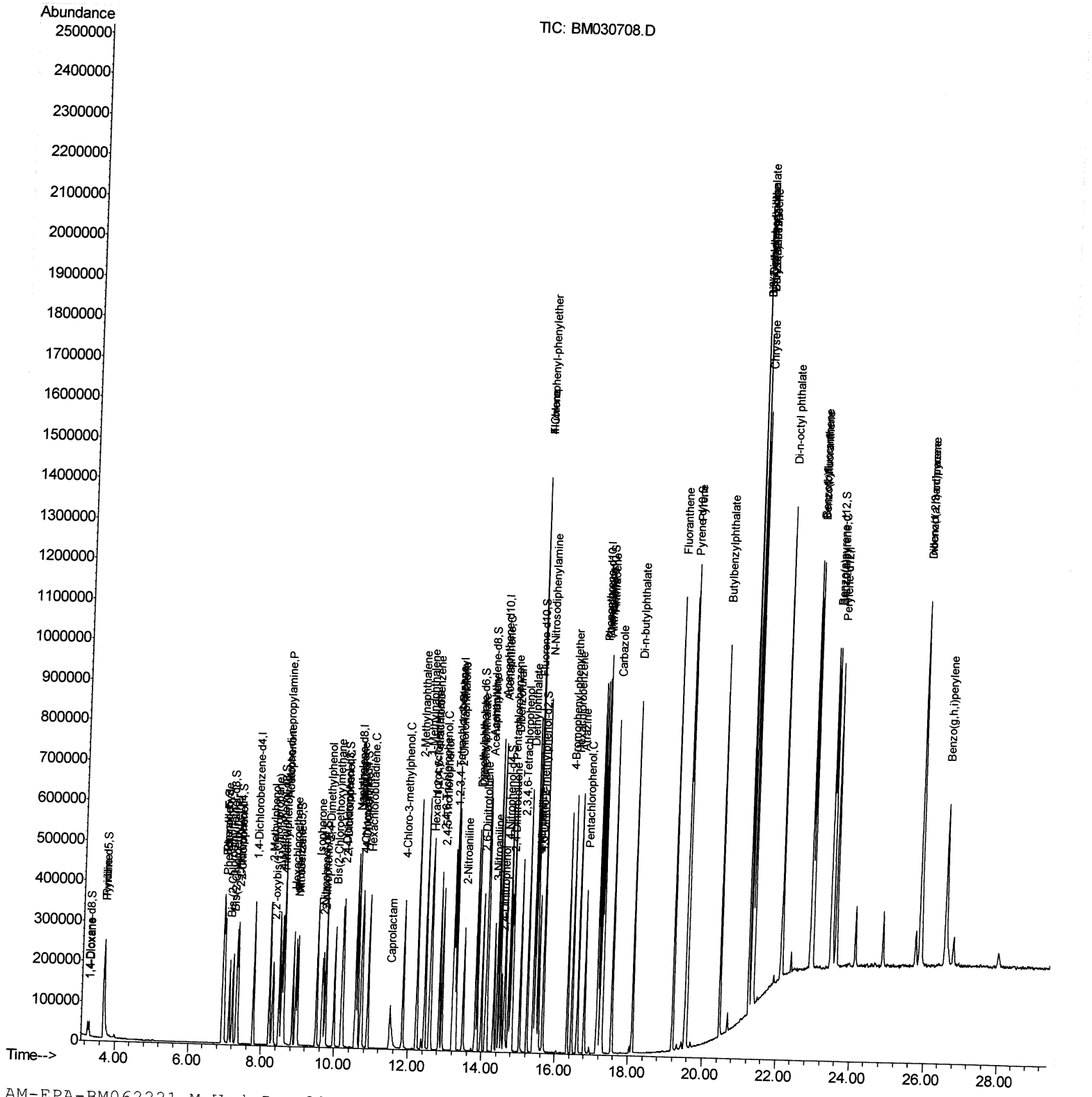

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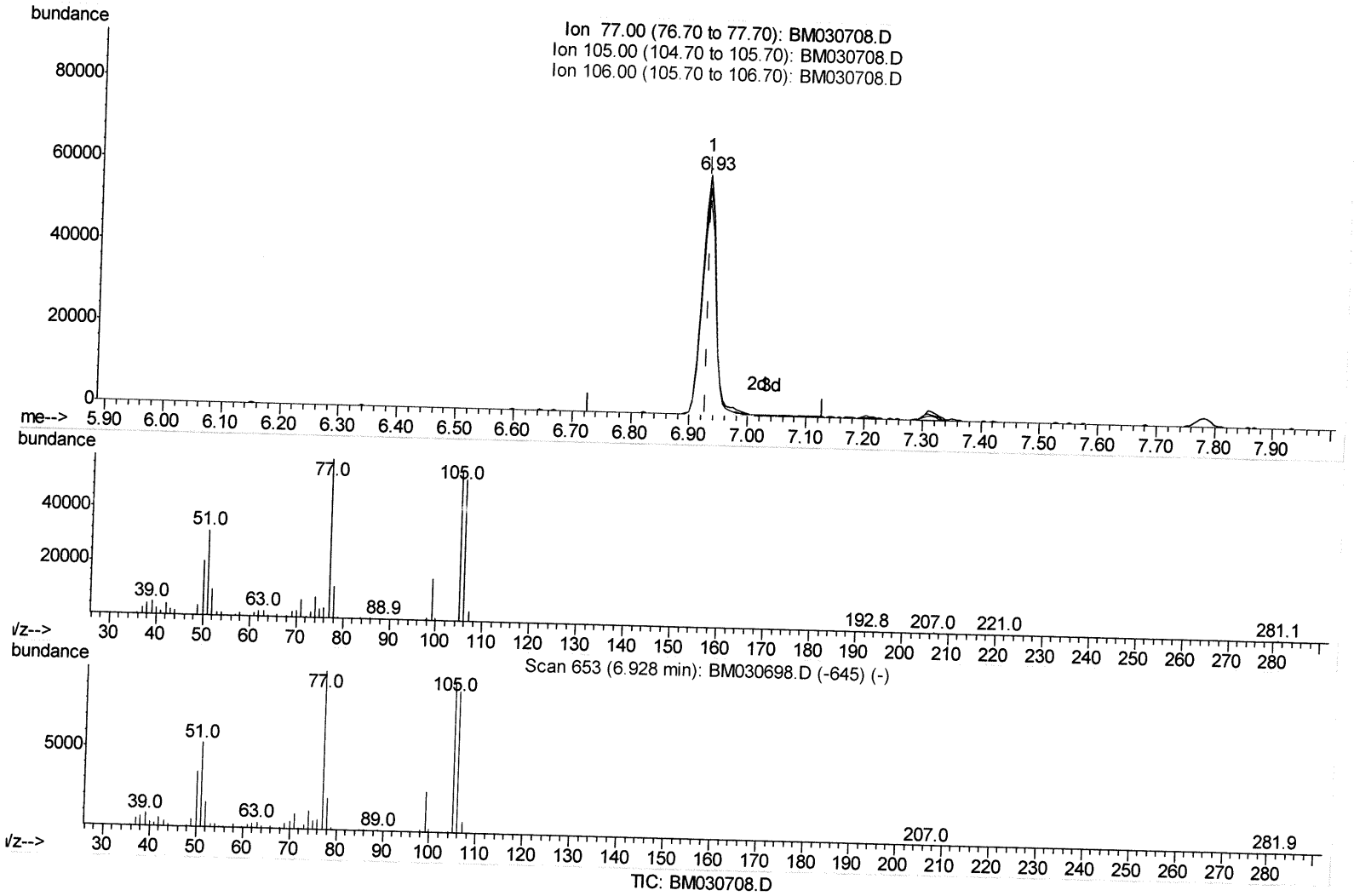

(6) Benzaldehyde

6.928min (-0.000) 24.90ng/ul

response 96418

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	94.35
106.00	93.70	89.43
0.00	0.00	0.00

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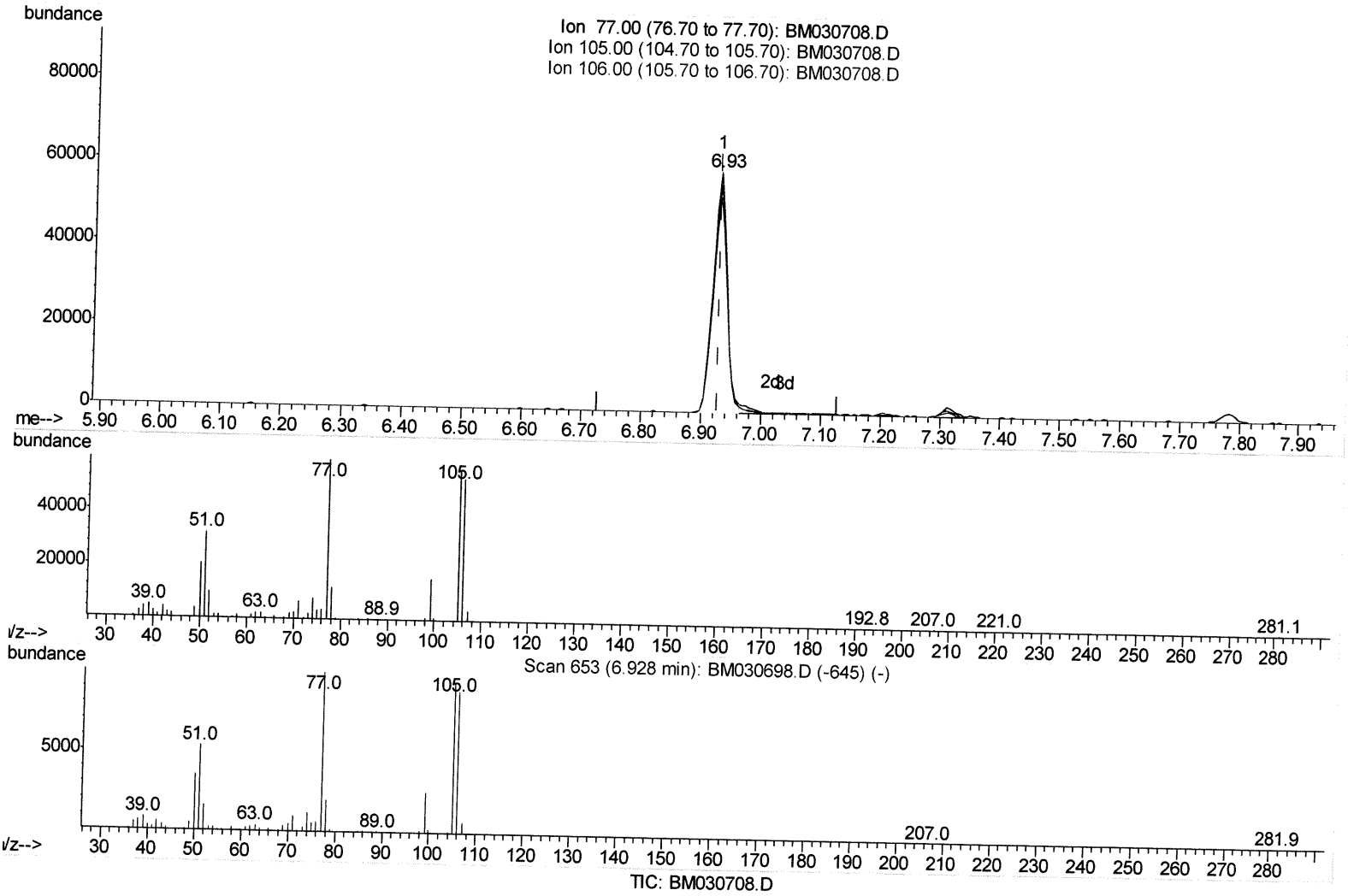

(6) Benzaldehyde

6.928min (-0.000) 24.15ng/ul m JG 07/01/21

response 93491

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	94.35
106.00	93.70	89.43
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	7.78	152	92336	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	387936	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.41	164	256152	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	541590	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	572036	20.00	ng/ul	0.00
88) Perylene-d12	23.57	264	523742	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	17352	7.62	ng/uL	0.00
4) Pyridine-d5	3.68	84	107611	17.59	ng/ul	0.00
7) Phenol-d5	6.95	99	147027	18.46	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.12	67	94984	18.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	121333	19.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	119143	19.22	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	57292	19.79	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	63078	19.61	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	122657	19.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	164898	19.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	356890	20.18	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	447257	19.48	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	64129	19.14	ng/ul	0.00
60) Fluorene-d10	15.40	176	316240	20.16	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	56196	15.86	ng/ul	0.00
73) Anthracene-d10	17.24	188	497523	19.68	ng/ul	0.00
81) Pyrene-d10	19.53	212	558854	18.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	533112	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	19634	8.105	ng/uL	97
5) Pyridine	3.70	79	122418	18.584	ng/ul	96
6) Benzaldehyde	6.93	77	93491m>	24.145	ng/ul >	JU 7/01/21
8) Phenol	6.97	94	152045	18.883	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.21	93	118457	18.666	ng/ul	98
12) 2-Chlorophenol	7.35	128	121218	19.569	ng/ul	98
13) 2-Methylphenol	8.22	108	111781	19.157	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.31	45	198425	19.725	ng/ul	99
16) Acetophenone	8.60	105	187880	19.632	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.59	70	97032	20.498	ng/ul	98
18) 4-Methylphenol	8.55	108	122015	19.202	ng/ul	95
19) Hexachloroethane	8.85	117	50993	19.647	ng/ul	98
22) Nitrobenzene	8.97	77	146148	20.013	ng/ul	99
23) Isophorone	9.50	82	260474	20.597	ng/ul	100
25) 2-Nitrophenol	9.69	139	66090	19.348	ng/ul	96
26) 2,4-Dimethylphenol	9.75	107	136827	19.818	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.98	93	160678	19.529	ng/ul	98
29) 2,4-Dichlorophenol	10.22	162	118435	20.060	ng/ul	98
30) Naphthalene	10.62	128	382658	19.482	ng/ul	99
32) 4-Chloroaniline	10.73	127	163898	19.210	ng/ul	98
33) Hexachlorobutadiene	10.90	225	79342	19.875	ng/ul	100
34) Caprolactam	11.51	113	36018	21.018	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.85	107	120918	20.858 ng/ul	98
36) 2-Methylnaphthalene	12.23	142	273773	19.974 ng/ul	100
37) 1-Methylnaphthalene	12.45	142	277138	19.975 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	150181	18.792 ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	99373	19.056 ng/ul	99
41) 2,4,6-Trichlorophenol	12.84	196	97339	19.340 ng/ul	99
42) 2,4,5-Trichlorophenol	12.91	196	105409	19.624 ng/ul	99
43) 1,1'-Biphenyl	13.24	154	356838	18.875 ng/ul	99
44) 2-Chloronaphthalene	13.28	162	283569	19.079 ng/ul	98
45) 2-Nitroaniline	13.49	65	84285	21.102 ng/ul	99
47) Dimethylphthalate	13.87	163	352196	20.324 ng/ul	99
48) 2,6-Dinitrotoluene	13.99	165	70382	21.079 ng/ul	98
50) Acenaphthylene	14.13	152	417259	19.594 ng/ul	99
51) 3-Nitroaniline	14.32	138	73597	20.691 ng/ul	98
52) Acenaphthene	14.47	153	300609	19.451 ng/ul	98
53) 2,4-Dinitrophenol	14.53	184	39701	18.087 ng/ul	98
55) 4-Nitrophenol	14.62	109	54849	20.461 ng/ul	98
56) Dibenzofuran	14.81	168	427343	19.834 ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	103853	22.214 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	89371	20.553 ng/ul	99
59) Diethylphthalate	15.23	149	355745	21.370 ng/ul	100
61) Fluorene	15.46	166	354398	19.959 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.45	204	180201	20.378 ng/ul	97
63) 4-Nitroaniline	15.48	138	77555	22.897 ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.54	198	55618	16.130 ng/ul	98
67) N-Nitrosodiphenylamine	15.66	169	303659	18.812 ng/ul	100
68) 4-Bromophenyl-phenylether	16.34	248	106050	19.190 ng/ul	98
69) Hexachlorobenzene	16.46	284	124573	19.489 ng/ul	99
70) Atrazine	16.62	200	111464	19.469 ng/ul	98
71) Pentachlorophenol	16.80	266	72324	18.056 ng/ul	99
72) Phenanthrene	17.19	178	560538	19.273 ng/ul	100
74) Anthracene	17.28	178	578049	19.438 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	150288	17.398 ng/uL	99
76) Pentachlorobenzene	14.73	250	149343	18.150 ng/uL	98
77) Carbazole	17.55	167	513004	19.238 ng/ul	99
78) Di-n-butylphthalate	18.11	149	599353	22.058 ng/ul	100
80) Fluoranthene	19.20	202	677825	18.516 ng/ul	98
82) Pyrene	19.56	202	711477	18.497 ng/ul	100
83) Butylbenzylphthalate	20.46	149	274709	21.696 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.24	252	222078	19.695 ng/ul	98
85) Benzo(a)anthracene	21.30	228	702454	19.787 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	414369	22.754 ng/ul	99
87) Chrysene	21.36	228	681773	19.700 ng/ul	99
89) Di-n-octyl phthalate	22.12	149	710011	23.566 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	670067	20.152 ng/ul	99
91) Benzo(k)fluoranthene	22.94	252	669599	20.954 ng/ul	100
93) Benzo(a)pyrene	23.48	252	584627	19.554 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	642114	17.060 ng/ul	99
95) Dibenzo(a,h)anthracene	25.87	278	539096	17.277 ng/ul	98
96) Benzo(g,h,i)perylene	26.56	276	518447	16.509 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