Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030824.D
Acq On : 06 Jul 2021 17:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 18:22:19 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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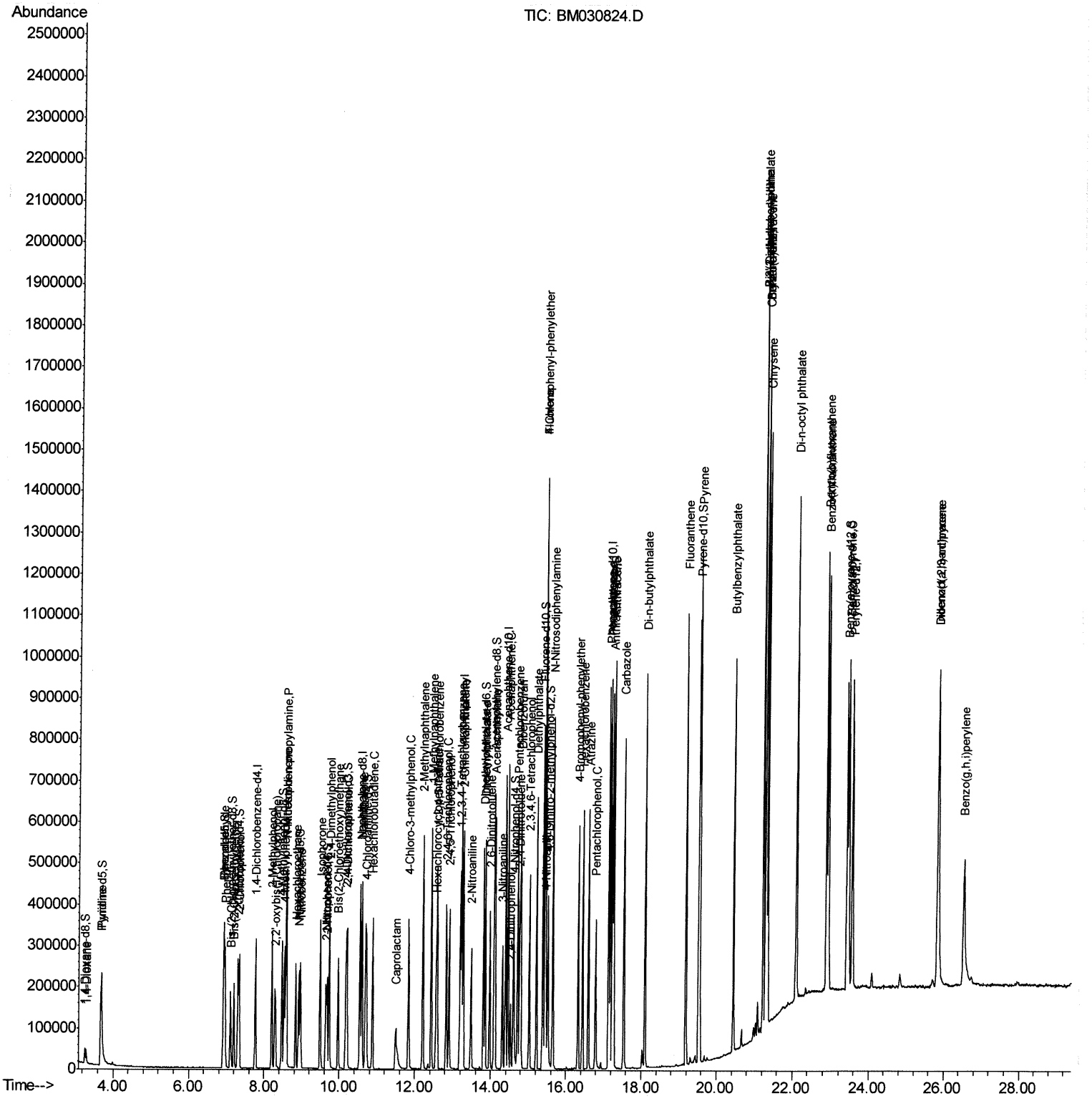

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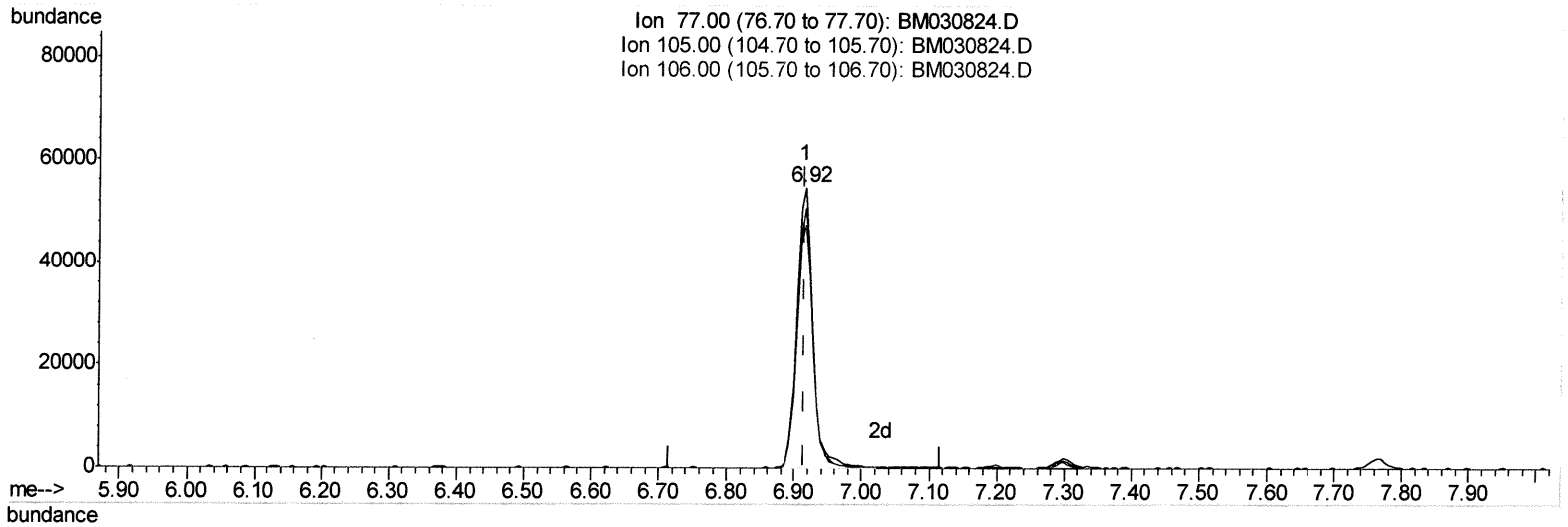
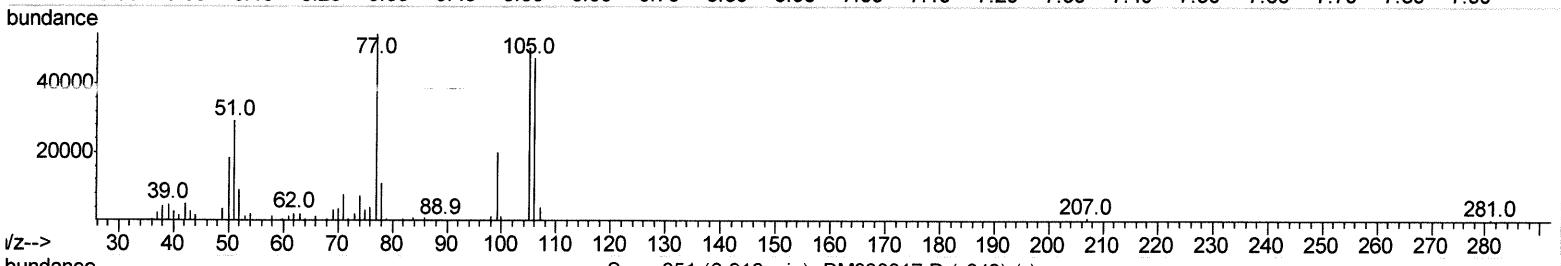
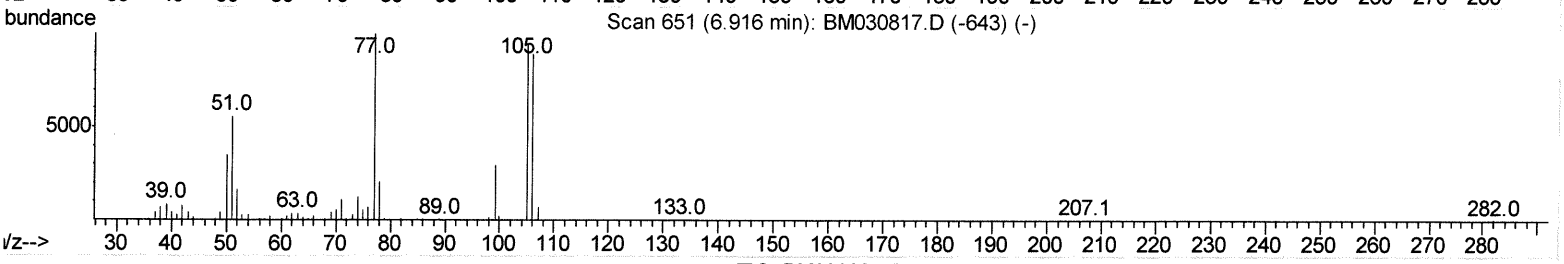




Scan 651 (6.916 min): BM030817.D (-643) (-)



TIC: BM030824.D

(6) Benzaldehyde

6.916min (-0.000) 25.79ng/ul

response 92540

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	92.78
106.00	89.20	86.80
0.00	0.00	0.00

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Manual Integrations APPROVED
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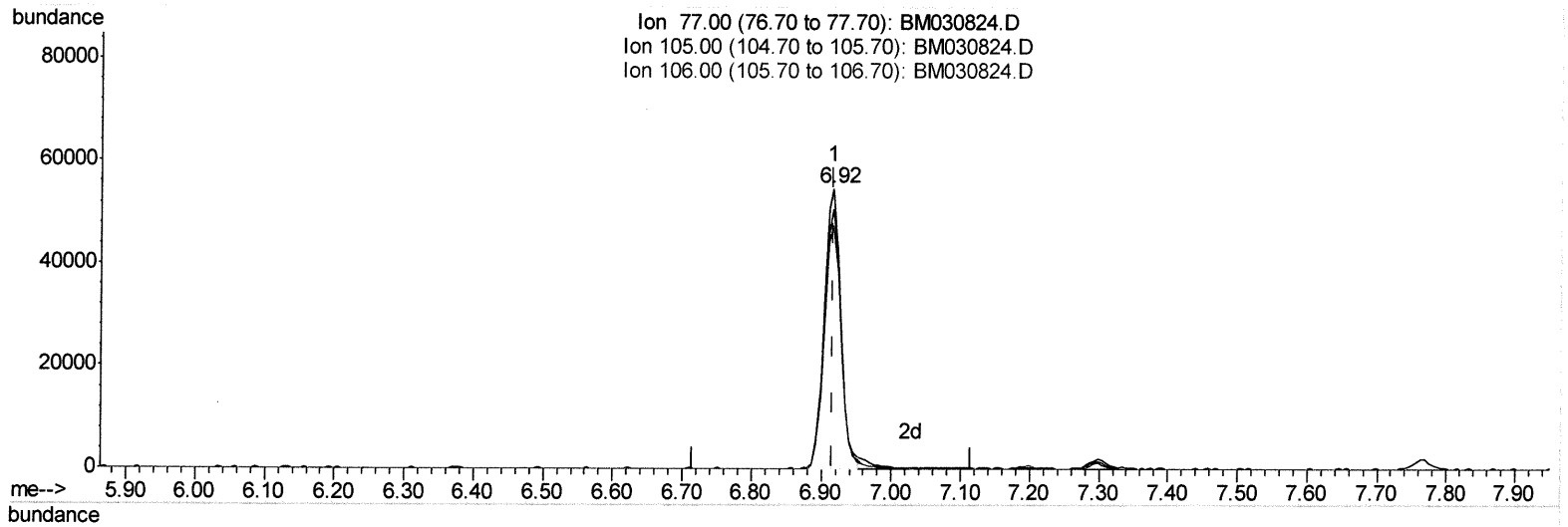

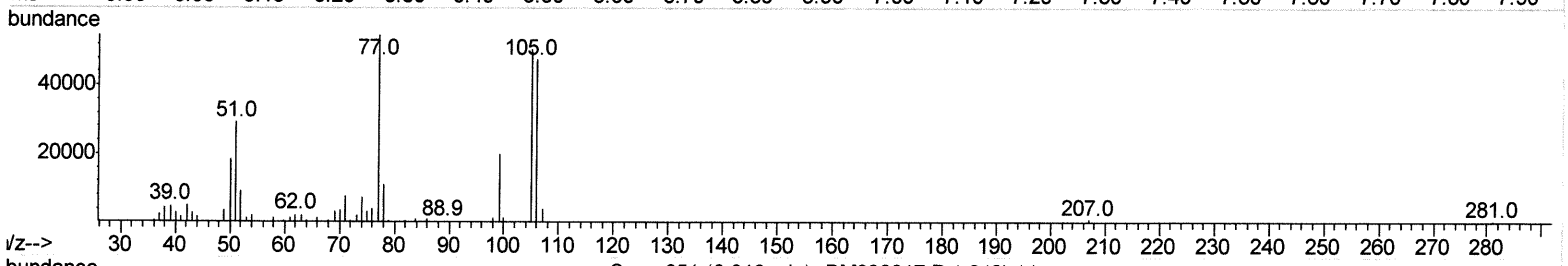

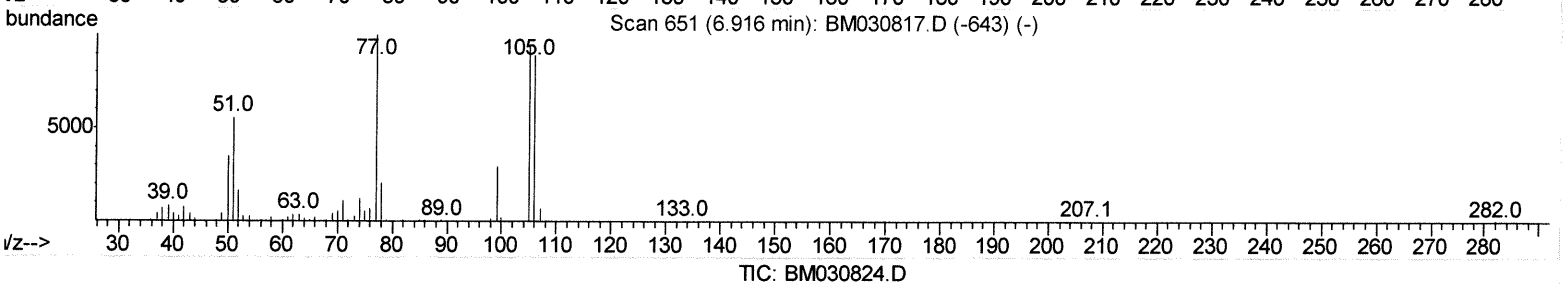

TIC: BM030824.D

(6) Benzaldehyde

6.916min (-0.000) 24.91ng/ul m

response 89378

J47 (8/21)

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	92.78
106.00	89.20	86.80
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	79813	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	349402	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	243049	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	525525	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	562405	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	521214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	16141	7.90	ng/uL	0.00
4) Pyridine-d5	3.68	84	101314	18.97	ng/ul	0.00
7) Phenol-d5	6.93	99	132500	19.00	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	87681	19.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	106685	19.94	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	108342	19.39	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	52608	20.24	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	56420	19.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	111384	20.36	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	154694	19.91	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	353640	20.78	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	430978	20.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	60629	20.47	ng/ul	0.00
60) Fluorene-d10	15.39	176	308042	20.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	57994	17.21	ng/ul	0.00
73) Anthracene-d10	17.23	188	487052	19.89	ng/ul	0.00
81) Pyrene-d10	19.52	212	547820	17.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	533952	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	16768	7.963	ng/uL	96
5) Pyridine	3.69	79	109445	18.796	ng/ul	97
6) Benzaldehyde	6.92	77	89378m>	24.907	ng/ul	> JU 7/8/21
8) Phenol	6.96	94	135847	19.005	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.19	93	107375	19.285	ng/ul	96
12) 2-Chlorophenol	7.33	128	108194	20.185	ng/ul	97
13) 2-Methylphenol	8.20	108	100111	19.265	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.30	45	184367	20.109	ng/ul	98
16) Acetophenone	8.59	105	173564	19.733	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.57	70	92259	21.116	ng/ul	98
18) 4-Methylphenol	8.53	108	111888	19.623	ng/ul	96
19) Hexachloroethane	8.83	117	44966	19.936	ng/ul	94
22) Nitrobenzene	8.96	77	138578	20.739	ng/ul	99
23) Isophorone	9.49	82	246892	21.172	ng/ul	99
25) 2-Nitrophenol	9.67	139	62000	20.338	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	129152	20.428	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.96	93	151834	20.575	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	108115	20.371	ng/ul	99
30) Naphthalene	10.60	128	353190	20.102	ng/ul	99
32) 4-Chloroaniline	10.72	127	154666	19.840	ng/ul	99
33) Hexachlorobutadiene	10.88	225	72177	20.006	ng/ul	96
34) Caprolactam	11.49	113	32976	21.479	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	115364	21.448	ng/ul	99
36) 2-Methylnaphthalene	12.21	142	257868	20.585	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	265174	20.881	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	140433	19.048	ng/ul	99
40) Hexachlorocyclopentadiene	12.56	237	73601	16.423	ng/ul	97
41) 2,4,6-Trichlorophenol	12.82	196	91187	19.605	ng/ul	97
42) 2,4,5-Trichlorophenol	12.90	196	98591	19.998	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	339250	19.156	ng/ul	100
44) 2-Chloronaphthalene	13.27	162	268222	19.352	ng/ul	98
45) 2-Nitroaniline	13.48	65	81079	20.819	ng/ul	96
47) Dimethylphthalate	13.86	163	343338	20.596	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	69419	21.622	ng/ul	99
50) Acenaphthylene	14.12	152	402045	20.022	ng/ul	99
51) 3-Nitroaniline	14.30	138	70206	20.929	ng/ul	99
52) Acenaphthene	14.46	153	290751	19.849	ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	33188	17.347	ng/ul	96
55) 4-Nitrophenol	14.61	109	52197	20.768	ng/ul	97
56) Dibenzofuran	14.79	168	415623	20.151	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	101474	22.670	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.02	232	86910	21.202	ng/ul#	98
59) Diethylphthalate	15.22	149	357957	21.635	ng/ul	99
61) Fluorene	15.44	166	346501	20.396	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	175720	20.552	ng/ul	98
63) 4-Nitroaniline	15.47	138	73689	23.061	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.53	198	57115	17.557	ng/ul	95
67) N-Nitrosodiphenylamine	15.65	169	294882	18.822	ng/ul	98
68) 4-Bromophenyl-phenylether	16.33	248	103296	18.663	ng/ul	98
69) Hexachlorobenzene	16.44	284	121877	19.402	ng/ul	96
70) Atrazine	16.60	200	108727	19.486	ng/ul	100
71) Pentachlorophenol	16.79	266	68355	17.907	ng/ul	95
72) Phenanthrene	17.17	178	549526	19.597	ng/ul	100
74) Anthracene	17.27	178	570871	19.814	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	139530	17.126	ng/uL	99
76) Pentachlorobenzene	14.72	250	144130	18.079	ng/uL	99
77) Carbazole	17.54	167	497464	19.862	ng/ul	99
78) Di-n-butylphthalate	18.10	149	620929	21.512	ng/ul	99
80) Fluoranthene	19.19	202	659425	17.242	ng/ul	98
82) Pyrene	19.55	202	694406	17.518	ng/ul	99
83) Butylbenzylphthalate	20.45	149	270164	19.939	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.23	252	231163	22.525	ng/ul	98
85) Benzo(a)anthracene	21.29	228	694724	19.757	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	423842	21.218	ng/ul	98
87) Chrysene	21.34	228	672746	19.445	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	687210	21.231	ng/ul	100
90) Benzo(b)fluoranthene	22.88	252	667924	19.894	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	683597	20.947	ng/ul	99
93) Benzo(a)pyrene	23.46	252	589150	19.829	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.83	276	622706	16.852	ng/ul	99
95) Dibenzo(a,h)anthracene	25.84	278	529163	17.080	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	479703	16.192	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