Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030511.D
Acq On : 22 Jun 2021 12:02
Operator : CG/JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 13:27:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010102

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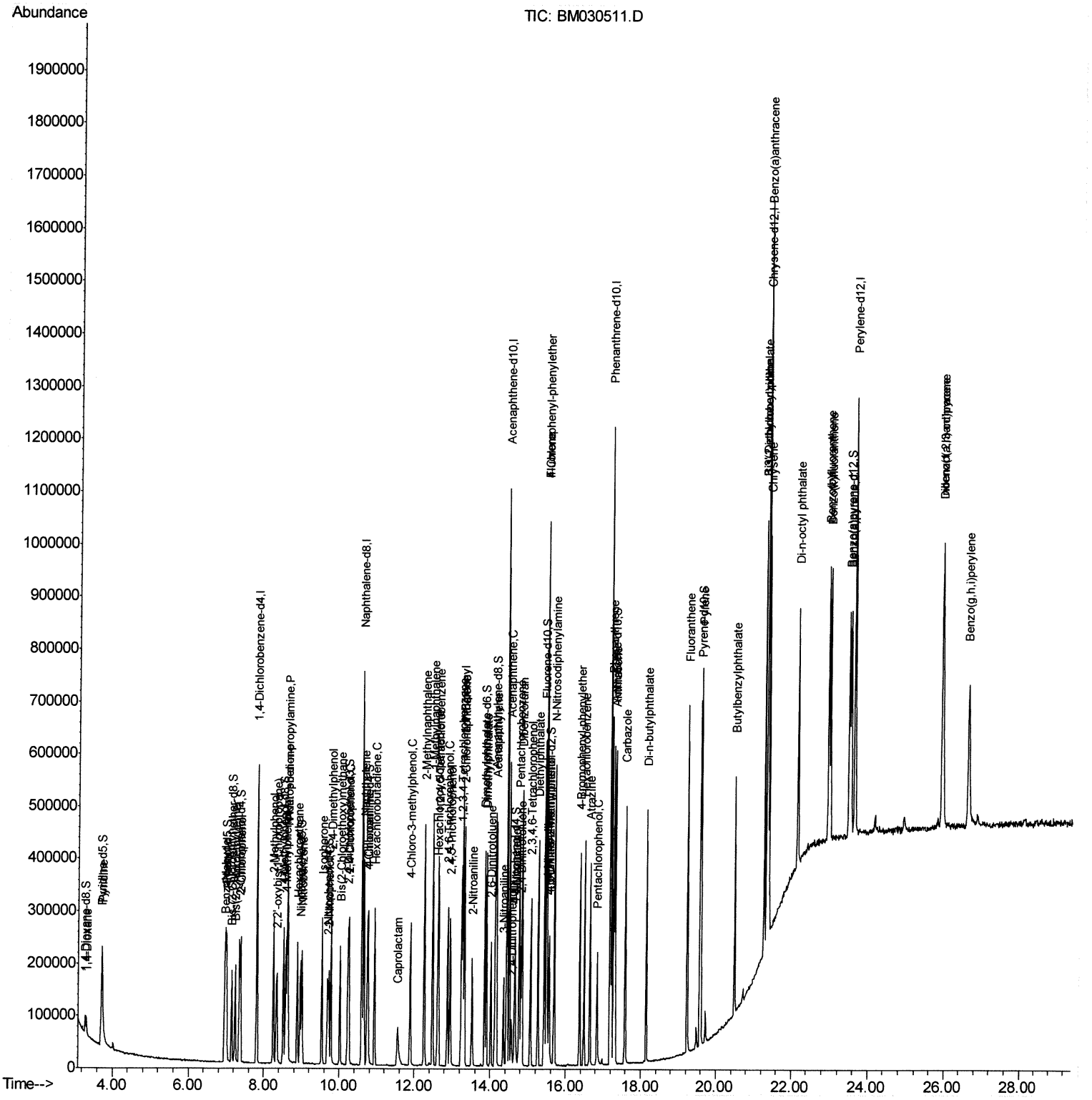

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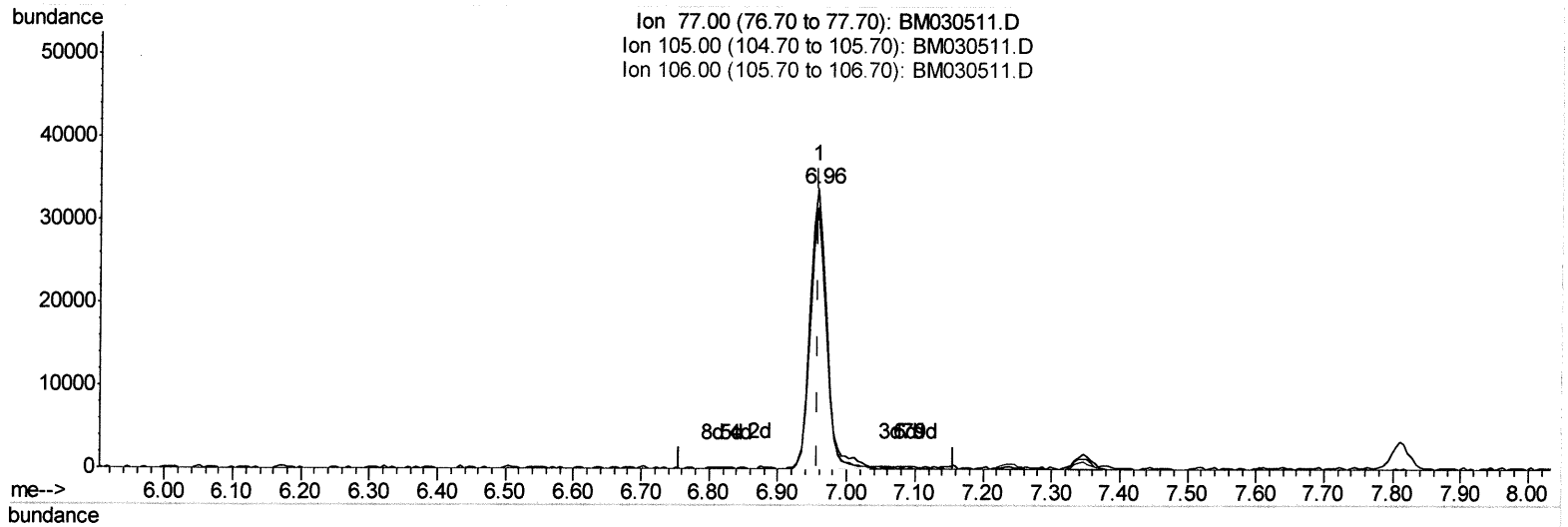

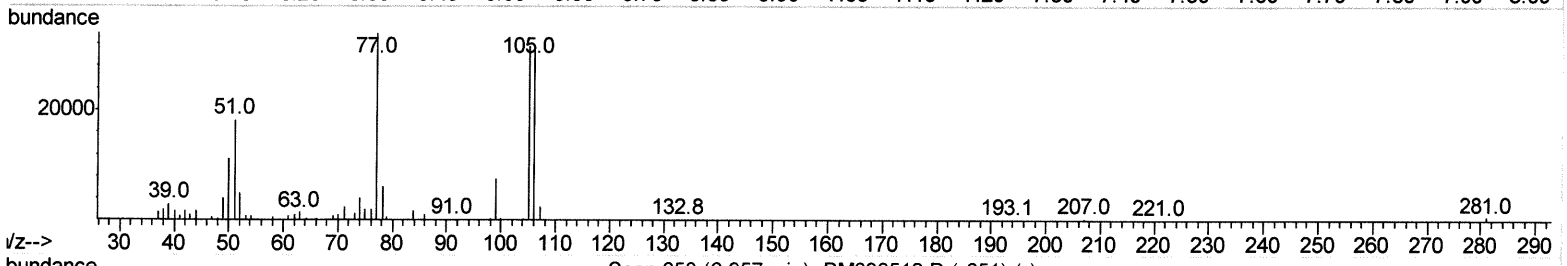

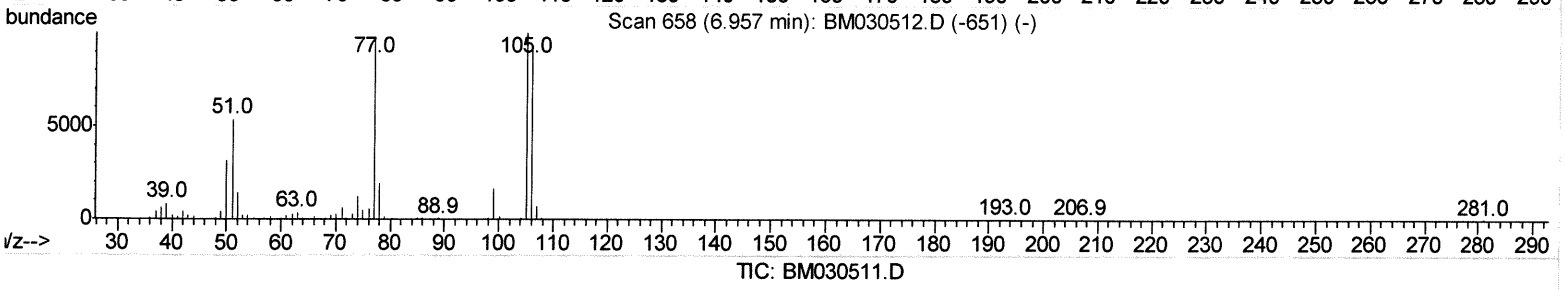

TIC: BM030511.D

(6) Benzaldehyde

6.957min (-0.000) 9.70ng/ul

response 58122

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	93.24
106.00	93.70	92.13
0.00	0.00	0.00

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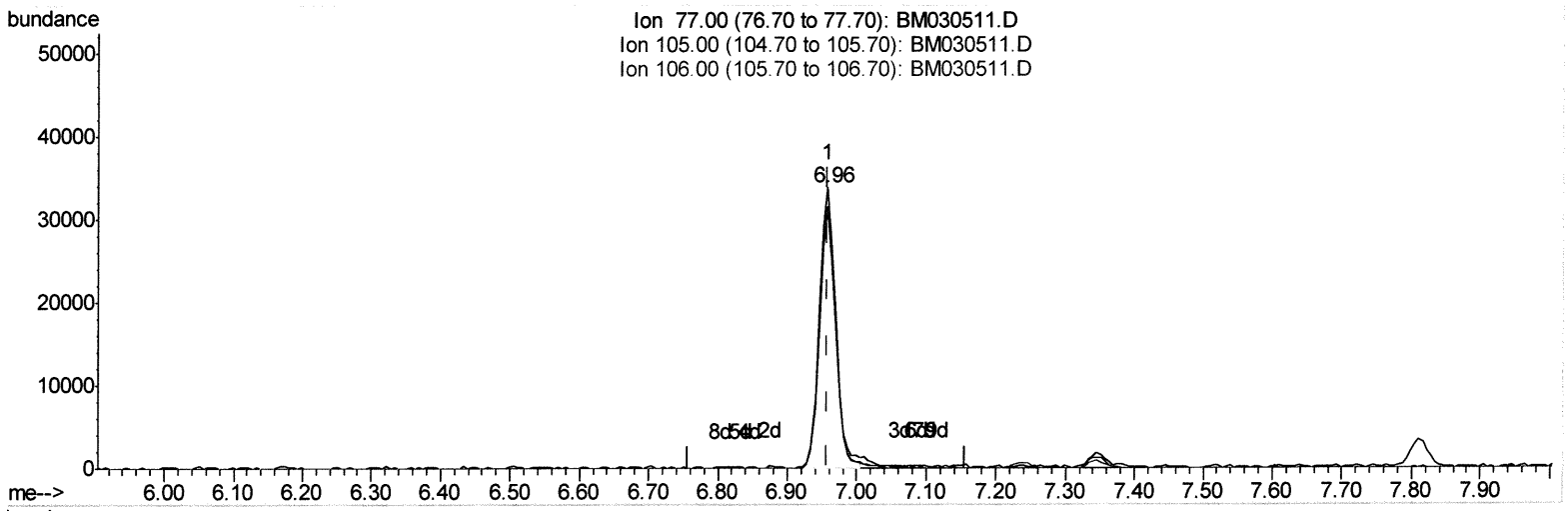
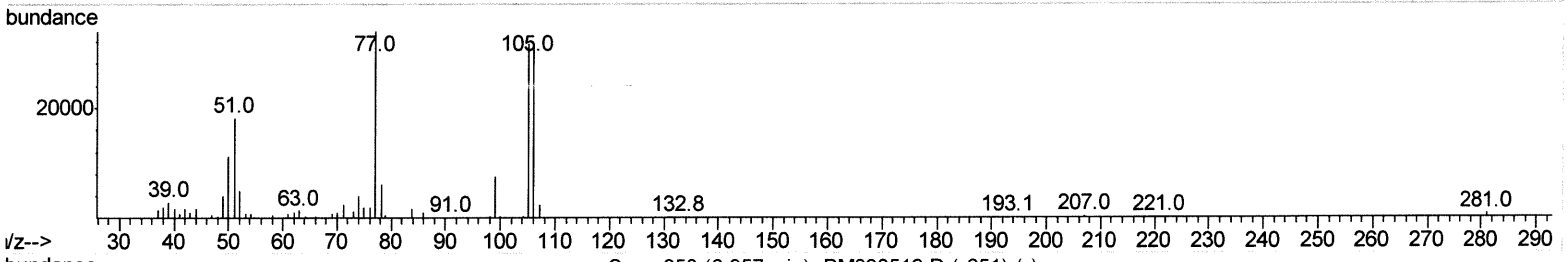
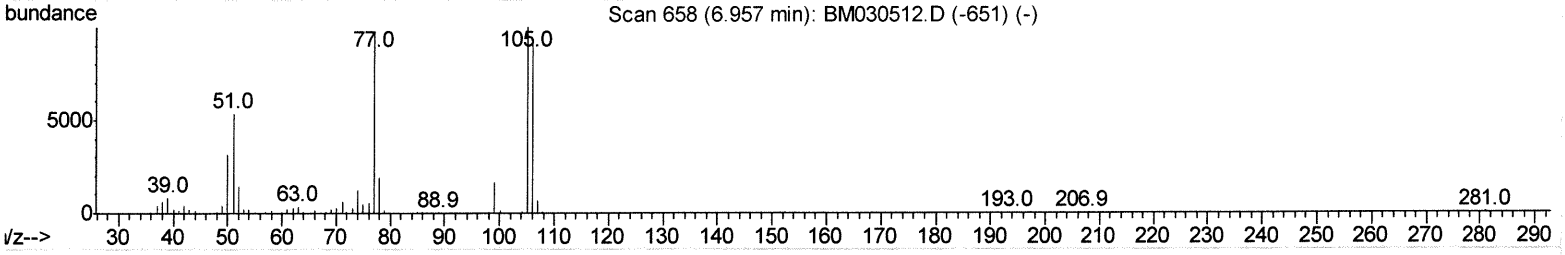




Scan 658 (6.957 min): BM030512.D (-651) (-)



TIC: BM030511.D

(6) Benzaldehyde

6.957min (-0.000) 9.48ng/ul m

JU 6/23/21

response 56772

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	93.24
106.00	93.70	92.13
0.00	0.00	0.00

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Quant Time: Jun 22 13:27:03 2021
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	147048	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	604759	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	370598	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.18	188	702023	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	584962	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	564266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14944	3.88	ng/uL	0.00
4) Pyridine-d5	3.70	84	75220	7.43	ng/ul	0.00
7) Phenol-d5	6.98	99	121162	9.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.15	67	81273	9.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	98913	10.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.52	113	94703	9.28	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	44231	10.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	48270	11.74	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	94247	10.52	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	128068	9.35	ng/ul	0.00
46) Dimethylphthalate-d6	13.85	166	260147	10.23	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	329271	10.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	39834	8.37	ng/ul	0.00
60) Fluorene-d10	15.43	176	227513	9.99	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	36195	8.93	ng/ul	0.00
73) Anthracene-d10	17.28	188	325930	10.21	ng/ul	0.00
81) Pyrene-d10	19.57	212	325179	10.62	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.48	264	293848	10.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	16290	4.173	ng/uL	96
5) Pyridine	3.73	79	96100	8.996	ng/ul#	93
6) Benzaldehyde	6.96	77	56772m>	9.478	ng/ul	> 99
8) Phenol	7.00	94	123020	9.504	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	101150	9.679	ng/ul	100
12) 2-Chlorophenol	7.37	128	99150	10.399	ng/ul	98
13) 2-Methylphenol	8.25	108	88707	9.216	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.34	45	166412	9.886	ng/ul	99
16) Acetophenone	8.63	105	150178	9.306	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.62	70	75906	9.677	ng/ul	99
18) 4-Methylphenol	8.58	108	98693	9.299	ng/ul	95
19) Hexachloroethane	8.89	117	41355	10.251	ng/ul	96
22) Nitrobenzene	9.01	77	117741	11.079	ng/ul	99
23) Isophorone	9.53	82	196416	10.108	ng/ul	98
25) 2-Nitrophenol	9.72	139	52272	11.477	ng/ul	98
26) 2,4-Dimethylphenol	9.77	107	108482	10.521	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.02	93	129476	10.008	ng/ul	98
29) 2,4-Dichlorophenol	10.25	162	91950	10.543	ng/ul	100
30) Naphthalene	10.65	128	312735	10.202	ng/ul	100
32) 4-Chloroaniline	10.76	127	127023	9.269	ng/ul	96
33) Hexachlorobutadiene	10.93	225	62420	11.247	ng/ul	99
34) Caprolactam	11.55	113	22459	8.043	ng/ul	91

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Response via : Initial Calibration

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ClientSampleId : SSTD010102

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.89	107	89296	10.061	ng/ul	98
36) 2-Methylnaphthalene	12.26	142	213522	9.791	ng/ul	97
37) 1-Methylnaphthalene	12.48	142	218570	9.874	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	116016	10.768	ng/ul	99
40) Hexachlorocyclopentadiene	12.61	237	65057	9.556	ng/ul	98
41) 2,4,6-Trichlorophenol	12.87	196	72340	11.176	ng/ul	97
42) 2,4,5-Trichlorophenol	12.95	196	75974	10.775	ng/ul	99
43) 1,1'-Biphenyl	13.27	154	276858	10.253	ng/ul	99
44) 2-Chloronaphthalene	13.32	162	219431	10.530	ng/ul	98
45) 2-Nitroaniline	13.52	65	54534	10.469	ng/ul	97
47) Dimethylphthalate	13.90	163	254159	10.230	ng/ul	100
48) 2,6-Dinitrotoluene	14.02	165	45427	10.203	ng/ul	95
50) Acenaphthylene	14.16	152	310565	10.234	ng/ul	99
51) 3-Nitroaniline	14.35	138	40274	7.934	ng/ul	100
52) Acenaphthene	14.50	153	226215	10.033	ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	20341	6.846	ng/ul	99
55) 4-Nitrophenol	14.66	109	32003	8.581	ng/ul	97
56) Dibenzofuran	14.84	168	318320	10.148	ng/ul	100
57) 2,4-Dinitrotoluene	14.80	165	64702	10.275	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	61822	10.953	ng/ul	98
59) Diethylphthalate	15.26	149	239152	9.754	ng/ul	99
61) Fluorene	15.49	166	259205	9.842	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.49	204	128681	10.146	ng/ul	96
63) 4-Nitroaniline	15.51	138	35823	7.537	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.57	198	36280	9.029	ng/ul#	95
67) N-Nitrosodiphenylamine	15.70	169	211734	10.238	ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	71605	10.486	ng/ul	99
69) Hexachlorobenzene	16.49	284	83499	10.759	ng/ul	98
70) Atrazine	16.64	200	67201	9.054	ng/ul	98
71) Pentachlorophenol	16.84	266	41663	8.760	ng/ul	95
72) Phenanthrene	17.22	178	382605	10.080	ng/ul	100
74) Anthracene	17.32	178	385601	10.065	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.24	216	114177	11.303	ng/uL	98
76) Pentachlorobenzene	14.76	250	109558	11.262	ng/uL	99
77) Carbazole	17.59	167	319050	9.377	ng/ul	99
78) Di-n-butylphthalate	18.14	149	328318	9.214	ng/ul	99
80) Fluoranthene	19.23	202	398506	10.592	ng/ul	99
82) Pyrene	19.60	202	419568	10.546	ng/ul	99
83) Butylbenzylphthalate	20.49	149	124330	9.956	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.27	252	96989	9.168	ng/ul	96
85) Benzo(a)anthracene	21.34	228	368384	10.423	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	173429	9.155	ng/ul#	99
87) Chrysene	21.39	228	361153	10.363	ng/ul	99
89) Di-n-octyl phthalate	22.15	149	292227	8.041	ng/ul	100
90) Benzo(b)fluoranthene	22.94	252	364057	10.037	ng/ul	98
91) Benzo(k)fluoranthene	22.99	252	350015	10.103	ng/ul	99
93) Benzo(a)pyrene	23.53	252	323490	10.204	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	401681	10.295	ng/ul	99
95) Dibenzo(a,h)anthracene	25.94	278	332394	10.118	ng/ul	98
96) Benzo(g,h,i)perylene	26.63	276	340472	10.619	ng/ul	99

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

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