

**Table 21.** Average recoveries and relative standard deviations for laboratory reagent sand set spike samples analyzed for wastewater compounds during the Hurricane Sandy reconnaissance study, June–October 2013.

[Samples analyzed at the U.S. Geological Survey National Water-Quality Laboratory, Denver, Colorado. There were 12 set spikes for each compound. NA, not applicable; HHCB, 1,3,4,6,7,8-Hexahydro-4,6,6,7,8-hexamethylcyclopenta-γ-2- benzopyran; AHTN, 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline]

Compound	Average recovery (percent)	Relative standard deviation (percent)	Compound	Average recovery (percent)	Relative standard deviation (percent)
Combustion, petroleum, or gasoline compounds			Plant- and (or) animal-derived biochemical compounds		
1-Methylnaphthalene	63	13	3 $\alpha$ -beta-Coprostanol	62	67
2,6-Dimethylnaphthalene	67	11	3-Methyl-1h-indole	70	11
2-Methylnaphthalene	65	15	beta-Sitosterol	47	76
Anthracene	72	15	beta-Stigmastanol	50	70
Benzo[a]pyrene	79	17	Cholesterol	57	67
Fluoranthene	77	11	Indole	52	21
Isopropylbenzene	1.7	97	Plasticizer and (or) flame-retardant compounds		
Naphthalene	78	29	Diethylphthalate	53	18
Phenanthrene	74	15	Diethylhexyl phthalate	96	50
Pyrene	76	11	Tributyl phosphate (TBP)	95	18
Personal-care and (or) domestic-use compounds			Triphenyl phosphate (TPP)	29	50
1,4-Dichlorobenzene	48	10	Tris (2-butoxy-ethyl) phosphate (TBEP)	54	68
4-Cumylphenol	83	14	Tris (2-chloro-ethyl) phosphate (TCEP)	50	20
4-n-Octylphenol	79	17	Tris (dichloro-isopropyl) phosphate (TDCP)	26	65
4-tert-Octylphenol	78	15	Other compounds		
Acetophenone	76	13	3-tert-butyl-4-Hydroxyanisole	19	61
Benzophenone	83	8.1	Anthraquinone	61	15
Bisphenol A	46	67	Atrazine	75	14
Camphor	67	8.9	Bromacil	72	18
d-Limonene	42	16	Carbazole	79	12
Galaxolide (HHCB)	78	13	Chlorpyrifos	45	27
Isoborneol	0	NA	Diazinon	1.4	15
Isoquinoline	47	42	Isophorone	54	26
Menthol	72	10	Metolachlor	78	11
N,N-diethyl-meta-toluamide (DEET)	80	12	para-Cresol	77	12
Nonylphenol monoethoxylate (NP1EO)	99	37	Prometon	47	40
Nonylphenol diethoxylate (NP2EO)	68	64	Tetrabromodiphenyl ether	76	14
Nonylphenol monoethoxylate (OP1EO)	86	19			
Octylphenol diethoxylate (OP2EO)	97	41			
para-Nonylphenol	68	59			
Phenol	104	18			
Tonalide (AHTN)	81	11			
Triclosan	83	12			

