Table B7. Field-matrix spike recoveries for detected pesticides, degradation products, and wastewater compounds, Columbia River Estuary, 2004–05

[Spike recoveries listed in ascending order of recovery by analyte; --, no data; CIAT, 2-chloro-4-isopropylamino-6-amino-*s*-triazine; EPTC, S-ethyl dipropyl thiocarbamate; MCPA, (4-chloro-2-methylphenoxy) acetic acid; OIET, 2-hydroxy-4-isopropylamino-6-ethylamino-*s*-triazine); AHTN, acetyl-hexamethyl-tetrahydronaphthalene]

Detected analyte	Spike recoveries, in percent				
Pesticides and degradation products (two or five field-matrix spikes performed)					
Atrazine	98	104	114	115	118
Bentazon	62	73	--	--	--
Bromacil	46	91	--	--	--
Bromoxynil	58	62	--	--	--
Caffeine	90	114	--	--	--
Carbaryl (SH2001)	102	118	120	122	188
Carbaryl (SH2060)	83	92	--	--	--
Chlorpyrifos	86	94	101	106	106
CIAT	34	37	37	38	40
2,4-D	161	174	--	--	--
DCPA	107	111	114	115	121
Dicamba	84	92	--	--	--
3,4-Dichloroaniline	78	79	--	--	--
Diuron	86	101	--	--	--
EPTC	88	91	93	95	97
Ethoprop	91	98	101	102	106
Hexazinone	64	78	--	--	--
Malathion	103	108	112	114	124
MCPA	91	91	--	--	--
Metolachlor	99	102	109	117	125
Metribuzin	74	79	82	84	92
Metsulfuron-methyl	16	44	--	--	--
1-Naphthol	16	89	--	--	--
OIET	4	11	--	--	--
Prometon	106	111	112	114	124
Pronamide	93	103	104	110	111
Simazine	93	99	100	104	114
Sulfometuron-methyl	52	83	--	--	--
Triclopyr	99	99	--	--	--
Trifluralin	81	87	90	91	103
Wastewater compounds (only one field-matrix spike performed)					
AHTN	89	--	--	--	--
Anthraquinone	121	--	--	--	--
Bisphenol A	45	--	--	--	--
1-Methylnaphthalene	92	--	--	--	--
2-Methylnaphthalene	91	--	--	--	--
N,N-diethyl-meta-toluamide (Deet)	106	--	--	--	--
Naphthalene	92	--	--	--	--
Tri(2-chloroethyl)phosphate	102	--	--	--	--