Supplementary Table 4. Variation of Analyte Response to Water Spike Equilibration Time

	120 min[a]		300 min		400 min		460 min		1000 min		1320 min		3840 min	
compound	resp[b]	rel dev[c]	resp	rel dev	resp	rel dev	resp	rel dev	resp	rel dev	resp	rel dev	resp	rel dev
dichlorodifluoromethane	91%	5%	79%	4%	80%	9%	82%	14%	64%	28%	89%	6%	32%	2%
chloromethane	93%	8%	79%	7%	81%	11%	75%	17%	115%	15%	89%	4%	74%	6%
vinyl chloride	93%	5%	79%	4%	78%	6%	79%	14%	109%	13%	87%	4%	83%	4%
bromomethane	90%	5%	78%	5%	76%	5%	74%	4%	92%	12%	72%	4%	45%	3%
chloroethane	88%	3%	82%	3%	85%	3%	74%	9%	92%	8%	88%	5%	87%	5%
trichlorofluoromethane	88%	2%	84%	2%	87%	2%	80%	8%	101%	6%	92%	3%	98%	2%
diethyl ether-d_{10}	83%	4%	78%	4%	89%	5%	80%	4%	74%	13%	89%	4%	71%	2%
ether	82%	6%	72%	5%	81%	3%	95%	8%	215%	26%	65%	9%	147%	8%
acetone-d_6	94%	9%	108%	25%	101%	11%	48%	18%	148%	13%	188%	101%	30%	3%
1,1-dichloroethene	67%	18%	136%	79%	62%	16%	43%	31%	581%	4%	54%	20%	394%	121%
iodomethane	99%	6%	103%	5%	219%	158%	12%	6%	285%	138%	296%	203%	159%	52%
allyl chloride	93%	45%	62%	40%	101%	49%	43%	5%	131%	12%	256%	57%	186%	12%
methylene chloride-d_6	104%	31%	98%	29%	103%	31%	68%	9%	85%	3%	132%	67%	107%	48%
methylene chloride	136%	86%	138%	88%	138%	87%	41%	13%	97%	2%	188%	148%	187%	112%
acrylonitrile	74%	10%	82%	17%	85%	12%	28%	11%	36%	2%	61%	13%	19%	6%
trans-1,2-dichloroethene	80%	2%	83%	7%	86%	3%	33%	14%	88%	3%	85%	14%	92%	11%
nitromethane-d_3	47%	55%	135%	104%	178%	208%	34%	33%	9%	7%	32%	33%	5%	4%
1,1-dichloroethane	76%	5%	79%	8%	77%	6%	22%	8%	82%	7%	150%	70%	68%	8%
hexafluorobenzene	88%	6%	82%	6%	115%	33%	27%	12%	100%	31%	158%	68%	87%	6%
tetrahydrofuran-d_8	78%	3%	72%	1%	71%	10%	48%	30%	19%	1%	66%	1%	22%	1%
methacrylonitrile	86%	3%	56%	30%	84%	9%	52%	31%	28%	2%	64%	14%	29%	2%
2-butanone	159%	71%	140%	110%	189%	90%	61%	36%	26%	1%	62%	42%	12%	2%
propionitrile	98%	9%	66%	33%	95%	13%	60%	27%	25%	2%	59%	25%	29%	1%
ethyl acetate-2C^{13}	90%	8%	58%	40%	90%	9%	53%	31%	26%	2%	53%	25%	28%	2%
2,2-dichloropropane	90%	2%	87%	16%	94%	10%	54%	28%	77%	6%	91%	17%	61%	10%
cis-1,2-dichloroethene	141%	56%	111%	75%	150%	54%	51%	33%	65%	0%	78%	43%	75%	25%
chloroform	83%	1%	65%	18%	79%	5%	50%	29%	63%	2%	67%	8%	60%	3%
pentafluorobenzene	81%	1%	68%	17%	80%	4%	46%	36%	73%	2%	72%	2%	67%	1%
bromochloromethane	82%	1%	82%	1%	80%	7%	47%	38%	48%	1%	75%	3%	47%	2%

1,1,1-trichloroethane	83%	1%	82%	3%	81%	4%	51%	33%	80%	2%	82%	4%	72%	2%
1,1-dichloropropene	87%	0%	85%	3%	82%	4%	51%	36%	82%	3%	81%	5%	76%	1%
carbon tetrachloride	88%	2%	85%	3%	85%	5%	49%	35%	90%	2%	84%	6%	77%	1%
benzene-d_6	83%	1%	80%	2%	78%	5%	47%	36%	66%	3%	73%	3%	62%	1%
1,2-dichloroethane-d_4	81%	2%	78%	1%	79%	5%	50%	32%	45%	1%	74%	2%	43%	1%
1,2-dichloroethane	81%	2%	77%	2%	79%	6%	50%	32%	45%	1%	73%	2%	44%	1%
benzene	84%	1%	81%	3%	79%	4%	48%	36%	65%	4%	74%	3%	64%	2%
fluorobenzene	82%	0%	79%	2%	78%	4%	45%	36%	67%	3%	72%	3%	60%	1%
1,4-difluorobenzene	82%	2%	80%	2%	78%	5%	44%	37%	67%	3%	72%	3%	59%	1%
trichloroethene	81%	3%	75%	3%	72%	7%	40%	36%	61%	4%	66%	2%	46%	2%
1,2-dichloropropane-d_6	80%	1%	77%	3%	75%	5%	43%	37%	53%	3%	69%	3%	53%	1%
1,2-dichloropropane	81%	2%	77%	2%	76%	5%	43%	37%	53%	3%	70%	2%	53%	1%
methyl methacrylate	82%	3%	76%	2%	76%	8%	43%	37%	28%	1%	68%	2%	28%	1%
1,4-dioxane-d_8	86%	8%	90%	9%	86%	13%	109%	65%	42%	5%	73%	9%	38%	0%
bromodichloromethane	78%	3%	73%	2%	72%	6%	66%	10%	53%	3%	60%	2%	43%	1%
1,4-dioxane	87%	4%	87%	5%	86%	13%	106%	57%	38%	3%	70%	7%	33%	0%
dibromomethane	79%	2%	76%	2%	76%	8%	73%	8%	42%	2%	65%	2%	37%	1%
4-methyl-2-pentanone	81%	3%	76%	3%	77%	10%	75%	10%	23%	1%	69%	4%	25%	1%
trans-1,3-dichloropropene	78%	2%	71%	3%	67%	6%	63%	8%	48%	2%	49%	2%	16%	1%
toluene-d_8	82%	2%	78%	4%	76%	5%	73%	8%	71%	3%	66%	2%	53%	1%
toluene	85%	3%	82%	5%	79%	6%	80%	9%	69%	4%	68%	3%	54%	1%
pyridine-d_5	81%	6%	79%	6%	80%	12%	134%	30%	30%	3%	68%	6%	33%	0%
pyridine	80%	7%	75%	6%	78%	12%	128%	30%	28%	2%	67%	5%	31%	0%
cis-1,3-dichloropropene	76%	3%	71%	2%	69%	7%	65%	7%	42%	2%	53%	2%	21%	1%
ethyl methacrylate	78%	3%	74%	2%	74%	8%	72%	9%	31%	2%	64%	4%	29%	1%
n-nitrosodimethylamine	91%	10%	85%	29%	112%	16%	88%	46%	87%	9%	109%	36%	52%	5%
1,1,2-trichloroethane-d_3	73%	4%	69%	3%	69%	8%	61%	13%	41%	2%	55%	4%	32%	2%
2-hexanone	81%	5%	75%	4%	76%	10%	80%	9%	23%	1%	71%	3%	22%	1%
1,1,2-trichloroethane	76%	3%	72%	1%	71%	7%	70%	8%	42%	2%	59%	2%	34%	1%
tetrachloroethene	94%	10%	86%	11%	79%	11%	70%	7%	89%	4%	66%	0%	53%	0%
1,3-dichloropropane	78%	3%	75%	1%	74%	7%	72%	8%	41%	2%	64%	3%	37%	1%
dibromochloromethane	73%	3%	65%	2%	65%	8%	62%	10%	47%	2%	47%	3%	28%	1%
1,2-dibromoethane-d_4	76%	3%	71%	1%	71%	8%	69%	7%	39%	2%	59%	2%	31%	1%

2-picoline	93%	4%	83%	8%	91%	9%	126%	29%	18%	1%	83%	12%	45%	5%
1,2-dibromoethane	75%	3%	70%	1%	70%	8%	69%	7%	39%	2%	58%	3%	30%	1%
chlorobenzene-d_5	81%	3%	74%	4%	71%	7%	66%	8%	70%	3%	55%	2%	41%	0%
chlorobenzene	83%	4%	75%	5%	72%	7%	68%	9%	71%	3%	56%	2%	41%	1%
1,1,1,2-tetrachloroethane	79%	4%	71%	4%	70%	8%	66%	8%	64%	3%	54%	2%	36%	0%
ethylbenzene	88%	6%	83%	7%	80%	8%	75%	9%	82%	4%	63%	2%	54%	1%
n-nitroso-methyl-ethylamine	84%	5%	93%	10%	102%	9%	112%	49%	84%	3%	89%	19%	56%	2%
m,p-xylenes	91%	4%	83%	6%	79%	6%	74%	8%	81%	3%	65%	1%	52%	1%
styrene	83%	5%	72%	5%	68%	8%	65%	8%	70%	3%	48%	2%	33%	1%
o-xylene-d_{10}	85%	4%	76%	5%	73%	7%	68%	9%	74%	3%	57%	2%	43%	1%
o-xylene	86%	4%	78%	6%	74%	7%	69%	9%	76%	3%	58%	2%	44%	1%
isopropylbenzene	95%	6%	88%	9%	86%	8%	78%	9%	95%	4%	70%	2%	61%	2%
bromoform	65%	2%	57%	2%	55%	9%	57%	6%	45%	1%	34%	3%	23%	1%
cis-1,4-dichloro-2-butene	69%	4%	52%	1%	44%	6%	32%	2%	18%	1%	17%	3%	1%	0%
n-nitrosodiethylamine	91%	6%	102%	3%	98%	5%	132%	40%	77%	6%	85%	18%	64%	1%
1,1,2,2-tetrachloroethane	57%	4%	50%	5%	56%	10%	66%	29%	41%	4%	45%	4%	30%	3%
4-bromofluorobenzene	81%	6%	68%	5%	66%	8%	60%	8%	69%	3%	46%	3%	32%	1%
1,2,3-trichloropropane	70%	3%	63%	1%	63%	9%	62%	7%	33%	1%	50%	3%	22%	0%
n-propylbenzene	97%	6%	89%	9%	86%	8%	78%	10%	96%	3%	70%	2%	62%	2%
trans-1,4-dichloro-2-butene	67%	2%	53%	1%	49%	7%	41%	4%	20%	1%	25%	3%	2%	0%
1,3,5-trimethylbenzene	95%	7%	84%	9%	82%	8%	74%	11%	90%	4%	60%	1%	53%	2%
bromobenzene-d_5	78%	4%	66%	5%	63%	8%	59%	8%	66%	3%	44%	3%	30%	1%
bromobenzene	79%	5%	67%	4%	64%	8%	61%	9%	68%	3%	44%	2%	31%	1%
2-chlorotoluene	90%	6%	77%	5%	72%	8%	67%	9%	84%	5%	51%	2%	44%	3%
4-chlorotoluene	88%	6%	75%	10%	74%	8%	67%	11%	83%	3%	54%	3%	40%	0%
pentachloroethane	60%	45%	28%	16%	72%	37%	77%	58%	61%	15%	24%	8%	44%	5%
tert-butulbenzene	97%	6%	89%	10%	89%	9%	81%	12%	102%	5%	70%	3%	67%	2%
1,2,4-trimethylbenzene	93%	6%	81%	8%	79%	9%	73%	11%	85%	3%	57%	2%	51%	1%
sec-butylbenzene	102%	7%	94%	11%	94%	10%	86%	14%	111%	5%	76%	4%	75%	2%
aniline	79%	9%	86%	10%	81%	9%	149%	43%	67%	2%	67%	9%	48%	6%
p-isopropyltoluene	99%	7%	90%	10%	90%	10%	85%	13%	101%	5%	71%	3%	70%	1%
1,3-dichlorobenzene	86%	7%	71%	7%	68%	9%	63%	11%	78%	3%	44%	3%	37%	1%
1,4-dichorobenzene	85%	7%	68%	7%	66%	10%	61%	11%	75%	3%	41%	3%	34%	1%

n-butylbenzene	103%	8%	94%	12%	94%	11%	89%	15%	105%	5%	73%	4%	76%	1%
1,2-dichlorobenzene-d_4	80%	7%	62%	6%	60%	9%	55%	11%	71%	2%	36%	3%	28%	1%
1,2-dichlorobenzene	81%	8%	62%	6%	60%	9%	56%	11%	73%	3%	36%	3%	29%	1%
decafluorobiphenyl	102%	7%	80%	8%	81%	13%	89%	15%	35%	2%	52%	4%	46%	0%
n-nitrosodi-*n*-propylamine	87%	6%	93%	4%	88%	6%	140%	38%	58%	7%	71%	18%	45%	1%
nitrobenzene-d_5	70%	4%	65%	1%	69%	12%	60%	11%	27%	2%	42%	8%	13%	3%
acetophenone-d_5	74%	4%	72%	4%	71%	11%	111%	26%	39%	2%	53%	5%	25%	1%
o-toluidine	79%	8%	86%	8%	80%	7%	146%	51%	71%	3%	64%	12%	51%	6%
1,2-dibromo-3-chloropropane	62%	4%	53%	2%	53%	10%	58%	9%	34%	1%	36%	4%	19%	0%
hexachlorobutadiene	117%	10%	113%	16%	121%	15%	113%	16%	144%	12%	91%	8%	127%	0%
1,2,4-trichlorobenzene-d_3	92%	9%	73%	8%	73%	13%	70%	14%	74%	4%	39%	3%	50%	4%
1,2,4-trichlorobenzene	93%	9%	73%	8%	73%	13%	71%	15%	76%	4%	39%	3%	52%	4%
naphthalene-d_8	68%	7%	47%	4%	47%	10%	49%	11%	48%	2%	27%	3%	22%	2%
naphthalene	71%	7%	49%	4%	48%	10%	51%	12%	51%	2%	28%	3%	24%	2%
1,2,3-trichlorobenzene	88%	9%	66%	7%	66%	12%	63%	15%	72%	4%	33%	3%	45%	5%
n-nitrosodibutylamine	69%	7%	71%	9%	65%	7%	208%	145%	64%	3%	53%	15%	42%	8%
2-methylnaphthalene	86%	1%	67%	2%	66%	6%	78%	11%	56%	3%	41%	1%	58%	0%
1-methylnaphthalene-d_{10}	84%	9%	56%	6%	56%	10%	64%	15%	51%	2%	31%	3%	41%	6%

[a]Period the water spike was allowed to equilibrate prior to analyses. Samples were 1 g aliquots of tuna and analyte concentrations were 10 times those listed in Table 1.
[b]Response of analyte compared its response from a standard prepared in 1 g tuna and 5 mL water matrix just prior to analysis
[c]The relative deviation (1 sigma) from replicate analyses.