

everyone's help. Additionally, we would like to thank Markus Kranz of C. Gerhardt for the analytical discussions as the project proceeded.

References:

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2. Bench BJ, Whittington W, Kranz M, Guerrero F; Validation Study - Total fat content by automated acid hydrolysis [HYDROTHERM] – ISO8262-1 http://www.gerhardt.de/fileadmin/Redaktion/Validierungsstudie_HYDROTHERM_EN.pdf

Congener	Traditional		HT/ST		Traditional		HT/ST		13C-Labeled IS	13C-Labeled IS
	Found	Found	TEQ	TEQ	LOD	LOD	% Recovery	% Recovery		
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g		
2378-TCDD	0.28	0.28	0.28	0.28	0.017	0.021			75	53
12378-PeCDD	0.49	0.48	0.49	0.48	0.025	0.023			79	65
123478-HxCDD	ND	ND	ND	ND	0.019	0.031			75	64
123678-HxCDD	ND	0.2	ND	0.02	0.18	0.019			72	60
123789-HxCDD	ND	ND	ND	ND	0.019	0.018	N/A		N/A	
1234678-HpCDD	ND	ND	ND	ND	0.044	0.035			90	74
OCDD	ND	ND	ND	ND	0.11	0.14			75	64
2378-TCDF	4.3	4.4	0.43	0.44	0.016	0.023			75	52
12378-PeCDF	0.6	0.6	0.018	0.018	0.021	0.024			79	62
23478-PeCDF	3.4	3.2	1	0.96	0.022	0.023			76	63
123478-HxCDF	0.08	0.092	0.008	0.0092	0.022	0.014			79	65
123678-HxCDF	0.12	0.14	0.012	0.014	0.021	0.014			77	64
234678-HxCDF	0.11	0.095	0.011	0.0095	0.022	0.014			76	63
123789-HxCDF	ND	ND	ND	ND	0.026	0.016			75	66
1234678-HpCDF	ND	ND	ND	ND	0.023	0.036			83	71
1234789-HpCDF	ND	ND	ND	ND	0.029	0.024			90	75
OCDF	ND	ND	ND	ND	0.033	0.026	N/A		N/A	
12C-81-PCB	1.6	2	0.00049	0.00059	0.042	0.054			60	37
12C-77-PCB	83	93	0.0083	0.0093	0.04	0.051			65	41
12C-126-PCB	35	37	3.5	3.7	0.032	0.054			69	50
12C-169-PCB	7.3	7	0.22	0.21	0.014	0.015			83	69
			Traditional HT/ST							
Total TEQ of PCDDs/PCDFs:			2.2	2.2	pg/g					
Total TEQ of coplanar PCBs:			3.7	3.9	pg/g					
Sum of total TEQs:			5.9	6.1	pg/g					
% Lipid:			11.9	12	%					