

JUN-11-2002 18:58

DEUTSCHE BANK

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AMBIENT GROUP

Dioxins/Furans, HRGC/HRMS (8290)

Client Sample ID: 211909-10D

Lot-Sample #...: G2D190191 - 010
 Date Sampled...: 04/18/02
 Prep Date...: 04/19/02
 Prep Batch #...: 2109509

Work Order #...: EX6VM1AA
 Date Received...: 04/19/02
 Analysis Date...: 04/24/02
 Dilution Factor: 1

Matrix...: SOLID
 Instrument: SD5
 Units...: pg/g
 % Moisture:

PARAMETER	RESULT	DETECTION LIMIT	TEF FACTOR	TEQ CONCENTRATION
2,3,7,8-TCDD	840		1.000	840.000000
1,2,3,7,8-PeCDD	2200		0.500	1,100.000000
1,2,3,4,7,8-HxCDD	2000		0.100	200.000000
1,2,3,6,7,8-HxCDD	4200		0.100	420.000000
1,2,3,7,8,9-HxCDD	2600		0.100	260.000000
1,2,3,4,6,7,8-HpCDD	30000		0.010	300.000000
OCDD	72000		0.001	72.000000
2,3,7,8-TCDF	4600	CON	0.100	460.000000
1,2,3,7,8-PeCDF	5300		0.050	260.000000
2,3,4,7,8-PeCDF	6400		0.500	3,200.000000
1,2,3,4,7,8-HxCDF	13000		0.100	1,300.000000
1,2,3,6,7,8-HxCDF	8200		0.100	820.000000
2,3,4,6,7,8-HxCDF	10000		0.100	1,000.000000
1,2,3,7,8,9-HxCDF	510		0.100	51.000000
1,2,3,4,6,7,8-HpCDF	55000		0.010	550.000000
1,2,3,4,7,8,9-HpCDF	5200		0.010	52.000000
OCDF	45000		0.001	45.000000
Total TEQ Concentration				10,930.000000

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	54	40 - 135
13C-1,2,3,7,8-PeCDD	53	40 - 135
13C-1,2,3,6,7,8-HxCDD	58	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	60	40 - 135
13C-OCDD	61	40 - 135
13C-2,3,7,8-TCDF	42	40 - 135
13C-1,2,3,7,8-PeCDF	54	40 - 135
13C-1,2,3,4,7,8-HxCDF	48	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	58	40 - 135

Notes:

TEF values are cited in U.S. Environmental Protection Agency, (1989) Interim procedures for estimating risks associated with exposures to mixtures of chlorinated dibenzo-p-dioxins and -dibenzofurans (CDDs and CDFs) and 1989 update. U.S. Environmental Protection Agency, Risk Assessment Forum, Washington, DC; EPA/623/G-89/016.

CON Confirmation analysis.

Sas_Smd_TEQ.RPT Rev.0

11/10/2001

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