

JUN-11-2002 19:00

DEUTSCHE BANK

212 469 3210 P.22

AMBIENT GROUP

Dioxins/Furans, HRGC/HRMS (8290)

Client Sample ID: 211909-12D-P

Lot-Sample #.: G2D230154 - 012
 Date Sampled.: 04/22/02
 Prep Date.: 04/25/02
 Prep Batch #.: 2115447

Work Order #.: EX9791AC
 Date Received.: 04/23/02
 Analysis Date.: 04/29/02
 Dilution Factor: 1

Matrix.: SOLID
 Instrument: 7D5
 Units.: pg/g
 % Moisture:

PARAMETER	RESULT	DETECTION LIMIT	TEF FACTOR	TEQ CONCENTRATION
2,3,7,8-TCDD	380		1.000	380.000000
1,2,3,7,8-PeCDD	1200		0.500	600.000000
1,2,3,4,7,8-HxCDD	1300		0.100	130.000000
1,2,3,6,7,8-HxCDD	1900		0.100	190.000000
1,2,3,7,8,9-HxCDD	1700		0.100	170.000000
1,2,3,4,6,7,8-HpCDD	12000		0.010	120.000000
OCDD	35000		0.001	35.000000
2,3,7,8-TCDF	1700	CON	0.100	170.000000
1,2,3,7,8-PeCDF	2200		0.050	110.000000
2,3,4,7,8-PeCDF	3500		0.500	1,800.000000
1,2,3,4,7,8-HxCDF	4400		0.100	440.000000
1,2,3,6,7,8-HxCDF	3700		0.100	370.000000
2,3,4,6,7,8-HxCDF	4000		0.100	400.000000
1,2,3,7,8,9-HxCDF	260		0.100	26.000000
1,2,3,4,6,7,8-HpCDF	16000		0.010	160.000000
1,2,3,4,7,8,9-HpCDF	1900		0.010	19.000000
OCDF	8300		0.001	8.300000
Total TEQ Concentration				5,128.300000

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	80	40 - 135
13C-1,2,3,7,8-PeCDD	73	40 - 135
13C-1,2,3,6,7,8-HxCDD	72	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	69	40 - 135
13C-OCDD	77	40 - 135
13C-2,3,7,8-TCDF	75	40 - 135
13C-1,2,3,7,8-PeCDF	77	40 - 135
13C-1,2,3,4,7,8-HxCDF	75	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	67	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/625/D-89/016.

CON

Confirmation analysis.

See_Smd_Teq.RPT Rev. 0

11/10/2004

CITY_21MC100_009292479