

AMBIENT GROUP

Dioxins/Furans, HRGC/HRMS (8290)

Client Sample ID: 211909-05D

Lot-Sample #...: G2D190191 - 005
 Date Sampled...: 04/18/02
 Prep Date.....: 04/19/02
 Prep Batch #...: 2109509

Work Order #...: EX6VG1AA
 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	390		1.000	390.000000
1,2,3,7,8-PeCDD	1200		0.500	600.000000
1,2,3,4,7,8-HxCDD	1200		0.100	120.000000
1,2,3,6,7,8-HxCDD	2400		0.100	240.000000
1,2,3,7,8,9-HxCDD	1800		0.100	180.000000
1,2,3,4,6,7,8-HpCDD	14000		0.010	140.000000
OCDD	27000		0.001	27.000000
2,3,7,8-TCDF	2500	CON	0.100	250.000000
1,2,3,7,8-PeCDF	3500		0.050	180.000000
2,3,4,7,8-PeCDF	5500		0.500	2,800.000000
1,2,3,4,7,8-HxCDF	6000		0.100	600.000000
1,2,3,6,7,8-HxCDF	5400		0.100	540.000000
2,3,4,6,7,8-HxCDF	5800		0.100	580.000000
1,2,3,7,8,9-HxCDF	440		0.100	44.000000
1,2,3,4,6,7,8-HpCDF	26000		0.010	260.000000
1,2,3,4,7,8,9-HpCDF	3000		0.010	30.000000
OCDF	23000		0.001	23.000000
Total TEQ Concentration				7,004.000000

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	62	40 - 135
13C-1,2,3,7,8-PeCDD	61	40 - 135
13C-1,2,3,6,7,8-HxCDD	57	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	76	40 - 135
13C-OCDD	97	40 - 135
13C-2,3,7,8-TCDF	66	40 - 135
13C-1,2,3,7,8-PeCDF	71	40 - 135
13C-1,2,3,4,7,8-HxCDF	70	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	98	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/625/3-89/016.

CON

Confirmation analysis.

Sec_Std_TEQ.RPT Rev.0

11/10/2004

CITY_21MC100_002832688