MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E2F280352 **Work Order #...:** E3WMM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E2F270337-007 E3WMM1AD-MSD
Date Sampled...: 06/27/02 16:20 **Date Received..:** 06/27/02 17:55 **MS Run #.....:** 2180037
Prep Date.....: 06/29/02 **Analysis Date..:** 06/29/02
Prep Batch #...: 2180147 **Analysis Time..:** 04:27
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSH

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10.0**	**12.4**	**ug/L**	**124**		**SW846 8260B**
	Qualifiers:		a,MSC				
	ND	**10.0**	**12.1**	**ug/L**	**121**	**2.8**	**SW846 8260B**
	Qualifiers:		a,MSC				
Chlorobenzene	**ND**	**10.0**	**11.1**	**ug/L**	**111**		**SW846 8260B**
	ND	**10.0**	**10.7**	**ug/L**	**107**	**3.4**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10.0**	**13.2**	**ug/L**	**132**		**SW846 8260B**
	ND	**10.0**	**13.2**	**ug/L**	**132**	**0.22**	**SW846 8260B**
Toluene	**ND**	**10.0**	**11.6**	**ug/L**	**116**		**SW846 8260B**
	ND	**10.0**	**11.5**	**ug/L**	**115**	**0.95**	**SW846 8260B**
Trichloroethene	**1.5**	**10.0**	**13.8**	**ug/L**	**123**		**SW846 8260B**
	1.5	**10.0**	**13.2**	**ug/L**	**116**	**4.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	114	(75 - 130)
	111	(75 - 130)
1,2-Dichloroethane-d4	113	(65 - 135)
	109	(65 - 135)
Toluene-d8	110	(80 - 130)
	111	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.