



Submitted To: Kerri Castlen
Hamilton County Environmental Services
250 William Howard Taft Road
Cincinnati, OH
45219

Reference Data:

Sample Location:	Not Available
Sample Type:	Canister
Client Sample No.:	105696080205
PO #:	Not Available
Method Reference:	TO-15
Sample Set ID#:	05-M-4315
DATA CHEM Lab No.:	05-27284
Sample Receipt Date:	8/3/2005
Analysis Date:	8/5/2005

Sample condition was acceptable upon receipt except where noted.

The above numbered samples were analyzed for volatile organic compounds by EPA method TO-15 using an Entech 7000 Cryogenic Preconcentrator and a Hewlett-Packard GC/MS/DS operating in the scan mode.

Quantitation is based upon average response factors generated from a five-point curve. The results are provided in the enclosed data table. Results relate only to the items tested and are not blank corrected.

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Mark Johnson

Data Table PPB

Client #	1056960802				EQL
	05				
DCL #	05-27284	Blank			
Propene	ND	ND			1
Dichlorodifluoromethane	ND	ND			1
Freon 114	ND	ND			1
Chloromethane	ND	ND			1
1,3-Butadiene	15	ND			0.5*
Vinyl Chloride	ND	ND			1
Bromomethane	ND	ND			1
Chloroethane	ND	ND			1
Trichlorofluoromethane	ND	ND			1
2-Propanol	ND	ND			1
1,1-Dichloroethene	ND	ND			1
Freon 113	ND	ND			1
Acetone	10	ND			8
Carbon Disulfide	ND	ND			1
Methylene Chloride	ND	ND			1
MTBE	ND	ND			1
Trans 1,2-Dichloroethene	ND	ND			1
Vinyl Acetate	ND	ND			1
Hexane	ND	ND			1
1,1-Dichloroethane	ND	ND			1
Cis-1,2-Dichloroethene	ND	ND			1
2-Butanone	ND	ND			1
Ethyl Acetate	ND	ND			1
Chloroform	ND	ND			1
Tetrahydrofuran	ND	ND			1
1,1,1-Trichloroethane	ND	ND			1
Cyclohexane	ND	ND			1
Carbon Tetrachloride	ND	ND			1
Heptane	ND	ND			1
Benzene	2	ND			1
1,2-Dichloroethane	ND	ND			1
Trichloroethene	ND	ND			1
1,2-Dichloropropane	ND	ND			1
1,4 Dioxane	ND	ND			1
Bromodichloromethane	ND	ND			1
cis-1,3-Dichloropropene	ND	ND			1
4-Methyl 2-Pentanone	ND	ND			1
Toluene	ND	ND			1
trans-1,3-Dichloropropene	ND	ND			1
1,1,2-Trichloroethane	ND	ND			1
Tetrachloroethene	ND	ND			1
2-Hexanone	ND	ND			1
Dibromochloromethane	ND	ND			1

ND indicates not detected at or above the EQL value.

Data Table PPB

Client #	1056960802 05				EQL
DCL #	05-27284	Blank			
1,2-Dibromoethane	ND	ND			1
Chlorobenzene	ND	ND			1
Ethylbenzene	ND	ND			1
M&P Xylene	ND	ND			1
O Xylene	ND	ND			1
Styrene	.82	ND			0.5*
Bromoform	ND	ND			1
1,1,2,2-Tetrachloroethane	ND	ND			1
4-Ethyl Toluene	ND	ND			1
1,3,5-Trimethylbenzene	ND	ND			1
1,2,4-Trimethylbenzene	ND	ND			1
1,3-Dichlorobenzene	ND	ND			1
1,4-Dichlorobenzene	ND	ND			1
Benzyl Chloride	ND	ND			1
1,2-Dichlorobenzene	ND	ND			1
1,2,4-Trichlorobenzene	ND	ND			1
Hexachlorobutadiene	ND	ND			1
Acrylonitrile	1.8	ND			0.5*

ND indicates not detected at or above the EQL value. *MDL value.

Internal Standard Recovery

% Rec Bromochloromethane	97	98		
% Rec 1,4-Difluorobenzene	96	96		
% Rec Chlorobenzene-d5	86	81		

Surrogate Recovery

% Rec Bromofluorobenzene	78	81		
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Acceptable Internal Standard and Surrogate recovery range between 60-140.

Unknown Compounds Tentative Identification

PPB

Ethanol*	58			
Butanol Isomer*	14			

* Tentative identification based on NBS spectral library. Quantitated values are based on a response factor of 1 and comparison to the closest internal standard and should be considered estimates.

Mark Johnson

Mark Johnson
Analyst

Olivia Upkey

Reviewer

4064



DataChem Laboratories

Field Chain-of-Custody Record

Page 1 of 1
Cooler Temp: _____
(Lab only)

06505

Client Contact Name & Address: HCD OES 250 William Howard Taft Rd Cincinnati, OH 45219 SETH CLORAN Phone: 513 946 7742 Fax: Billing Address (if different than above):					PO Number:					Analysis Requested					No. of Containers		
					Project No.:												
					Project Name: 05-M-4315					Preservation	Sample Type	70-15					
					Sampler: (Signature) Seth Cloran												
Sample Number	Site ID	Date	Time	Lab Sample Number													
105	96080205	05-27	84														

Notes:

Relinquished by: (Signature) Seth Cloran	Time / Date 8/3/2005 10:26	Received by: (Signature) [Signature]	Time / Date 8/3/05 10:27	Ship to: DataChem Laboratories 4388 Glendale - Milford Road Cincinnati, Ohio 45242 Phone: 513.733.5336 Fax: 513.733.5347
Relinquished by: (Signature)	Time / Date	Received by: (Signature)	Time / Date	
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