



**DATA
CHEM**
LABORATORIES, INC.

TEST REPORT
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7/19/05

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

Reference Data:

Sample Location:	Lanxess
Sample Type:	Canister
Client Sample No.:	108493071505
PO #:	Not Available
Method Reference:	TO-15
Sample Set ID#:	05-M-3950
DATA CHEM Lab No.:	05-24335
Sample Receipt Date:	7/18/2005
Analysis Date:	7/18/2005

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.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Mark Johnson

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Data Table PPB

Client #	1084930715				EQL
	05				
DCL #	05-24335	Blank			
Propene	ND	ND			1
Dichlorodifluoromethane	ND	ND			1
Freon 114	ND	ND			1
Chloromethane	ND	ND			1
1,3-Butadiene	2.7	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	ND	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	1	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 #	1084930715 05				EQL
DCL #	05-24335	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	ND	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	ND	ND			0.5*

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

Internal Standard Recovery

% Rec Bromochloromethane	98	100		
% Rec 1,4-Difluorobenzene	102	103		
% Rec Chlorobenzene-d5	87	85		

Surrogate Recovery

% Rec Bromofluorobenzene	101	97		
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Acceptable Internal Standard and Surrogate recovery range between 60-140.

Unknown Compounds Tentative Identification

PPB

Ethanol*	28			
Butanol Isomer*	6			

* 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

Dixie Updegraff

Mark Johnson
Analyst

Reviewer

4/2/05



DataChem Laboratories

Field Chain-of-Custody Record

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06449

Cooler Temp: _____
(Lab only)

05-M-3950

Client Contact Name & Address: HCOOES 250 William Howard Taft Rd. Cincinnati, OH 45219 Seth Cloran Phone: 513-946-7742 Fax: Billing Address (if different than above): LANNES					PO Number:		Analysis Requested								No. of Containers	
Project No.:					Preservation	Sample Type										
Project Name:																
Sampler: (Signature) Seth Cloran																
Sample Number	Site ID	Date	Time	Lab Sample Number												
108493071505				05-24335												
Notes:																

Relinquished by: (Signature) Seth Cloran	Time / Date 7/18/05 1002	Received by: (Signature) [Signature]	Time / Date 7/18/05 10:02	Ship to: DataChem Laboratories 4388 Glendale - Milford Road Cincinnati, Ohio 45242 Phone: 513.733.5336 Fax: 513.733.5347
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