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http://www.EMSL.com to15lab@EMSL.com

EMSL Order #:	**491800000**
EMSL Sample #:	**491800000-1**
Customer ID:	**EMSL50**
Customer PO:	**Not Available**

Attn: **Lance Romance**
EMSL Analytical- Air Toxics Lab
200 US Route 130N
Cinnaminson, NJ 08077

Phone:	**800-220-3675**
Fax:	**856-786-0327**
Date Collected:	**Not Provided**
Date Received:	**Not Provided**

Project: **Example Report for Clients**

Sample ID: Barbs' Bird Room

Analysis	Analysis Date	Analyst Init.	Lab File ID	Canister ID	Sample Vol.	Dil. Factor
Initial	02/13/2018	KW	K14736.D	HD4365	250 cc	1
Dilution1	02/14/2018	KW	K14753.D	HD4365	50 cc	5

Tentatively Identified Compound Results Summary

Tentatively Identified Compounds	CAS#	MW(1)	Result ppbv	Q	Result ug/m3	Retention Time	Comments
Ethane, 1,1-difluoro-	000075-37-6	66	**36**	JN	**97**	5.51	
Isobutane	000075-28-5	58	**17**	JN	**41**	6.02	
Acetaldehyde	000075-07-0	44	**2.3**	JN	**4.1**	6.94	
Carbonyl sulfide	000463-58-1	60	**8.0**	JN	**20**	7.56	
Butane, 2-methyl-	000078-78-4	72	**6.6**	JN	**19**	8.09	
Pentane	000109-66-0	72	**3.2**	JN	**9.4**	9.04	
Cyclopentane	000287-92-3	70	**2.2**	JN	**6.3**	13.45	
Unknown		92	**1.9**	JN	**7.2**	15.68	
Nonane	000111-84-2	128	**2.1**	JN	**11**	25.10	
Unknown		92	**2.1**	JN	**7.8**	27.20	
Decane	000124-18-5	142	**9.0**	JN	**52**	27.41	
Unknown		92	**2.2**	JN	**8.2**	27.66	
Unknown		92	**2.7**	JN	**10**	27.84	
Cyclohexane, butyl-	001678-93-9	140	**2.4**	JN	**14**	28.87	
D-Limonene	005989-27-5	136	**6.0**	JN	**33**	29.11	
Undecane	001120-21-4	156	**3.3**	JN	**21**	29.46	
		Total TIC Concentrations:	**110**	**ppbv**	**360**	**ug/m3**	

Qualifier Definitions

(1) = If unknown, MW is assigned as equivalent Toluene (92) for ug/m3 conversion purposes.

B = Compound also found in method blank.

J= Estimated value based on a 1:1 response to internal standard.

N= Presumptive evidence of compound based on library match.

Method Reference

USEPA: Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air…" Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS), January 1999, (EPA/625/R-96/010b).