
Client:

Project: Spotlight Air Environmental; Mattis & Glen Burnie Indoor; Champaign,IL

Work Order Sample Summary

Work Order: 22120324 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
22120324-001A	60293		12/8/2022 1:35:00 AM	12/9/2022

CLIENT:

Project:Spotlight Air Environmental; Mattis & Glen Burnie Indoor; Champaign,IL

Work Order: 22120324 Revision 0

CASE NARRATIVE

TO-15 results that are reported in $\mu\text{g}/\text{m}^3$ and mg/m^3 are calculated based on a temperature of 25°C , atmospheric pressure of 760 mm Hg, and the molecular weight of the analyte.

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: December 15, 2022

ANALYTICAL RESULTS

Date Printed: December 15, 2022

Client:

Client Sample ID: 60293

Work Order: 22120324 Revision 0

Collection Date: 12/8/2022 1:35:00 AM

Project: Spotlight Air Environmental; Mattis & Glen Burnie Indoor: Champaign, IL

Matrix: Air

Lab ID: 22120324-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/12/2022		Analyst: KWV
1,1,1-Trichloroethane	ND	0.0016		mg/m ³	1	12/12/2022
1,1,2,2-Tetrachloroethane	ND	0.0021		mg/m ³	1	12/12/2022
1,1,2-Trichloroethane	ND	0.0016		mg/m ³	1	12/12/2022
1,1-Dichloroethane	ND	0.0012		mg/m ³	1	12/12/2022
1,1-Dichloroethene	ND	0.0012		mg/m ³	1	12/12/2022
1,2,4-Trichlorobenzene	ND	0.0022		mg/m ³	1	12/12/2022
1,2,4-Trimethylbenzene	ND	0.0015		mg/m ³	1	12/12/2022
1,2-Dibromoethane	ND	0.0023		mg/m ³	1	12/12/2022
1,2-Dichlorobenzene	ND	0.0018		mg/m ³	1	12/12/2022
1,2-Dichloroethane	ND	0.0012		mg/m ³	1	12/12/2022
1,2-Dichloropropane	ND	0.0014		mg/m ³	1	12/12/2022
1,3,5-Trimethylbenzene	ND	0.0015		mg/m ³	1	12/12/2022
1,3-Butadiene	ND	0.00067		mg/m ³	1	12/12/2022
1,3-Dichlorobenzene	ND	0.0018		mg/m ³	1	12/12/2022
1,4-Dichlorobenzene	ND	0.0018		mg/m ³	1	12/12/2022
1,4-Dioxane	ND	0.0027		mg/m ³	1	12/12/2022
2-Butanone	ND	0.0022		mg/m ³	1	12/12/2022
2-Hexanone	ND	0.0062		mg/m ³	1	12/12/2022
4-Ethyltoluene	ND	0.0015		mg/m ³	1	12/12/2022
4-Methyl-2-pentanone	ND	0.0062		mg/m ³	1	12/12/2022
Acetone	0.095	0.0071	*	mg/m ³	1	12/12/2022
Benzene	0.0013	0.00096		mg/m ³	1	12/12/2022
Benzyl chloride	ND	0.0039		mg/m ³	1	12/12/2022
Bromodichloromethane	ND	0.0020		mg/m ³	1	12/12/2022
Bromoform	ND	0.0078		mg/m ³	1	12/12/2022
Bromomethane	ND	0.0029		mg/m ³	1	12/12/2022
Carbon disulfide	ND	0.00094		mg/m ³	1	12/12/2022
Carbon tetrachloride	ND	0.0019		mg/m ³	1	12/12/2022
Chlorobenzene	ND	0.0014		mg/m ³	1	12/12/2022
Chloroethane	ND	0.00079		mg/m ³	1	12/12/2022
Chloroform	0.0034	0.0015		mg/m ³	1	12/12/2022
Chloromethane	0.0018	0.0016		mg/m ³	1	12/12/2022
cis-1,2-Dichloroethene	ND	0.0012		mg/m ³	1	12/12/2022
cis-1,3-Dichloropropene	ND	0.0014		mg/m ³	1	12/12/2022
Cyclohexane	ND	0.0010		mg/m ³	1	12/12/2022
Dibromochloromethane	ND	0.0026		mg/m ³	1	12/12/2022
Dichlorodifluoromethane	0.0028	0.0015		mg/m ³	1	12/12/2022
Ethyl acetate	0.0076	0.0027		mg/m ³	1	12/12/2022

Qualifiers:

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

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ANALYTICAL RESULTS

Date Printed: December 15, 2022

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Client Sample ID: 60293

Work Order: 22120324 Revision 0

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Project: Spotlight Air Environmental; Mattis & Glen Burnie Indoor; Champaign, IL

Matrix: Air

Lab ID: 22120324-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/12/2022 Analyst: KVV		
Ethylbenzene	ND	0.0013		mg/m ³	1	12/12/2022
Freon-113	ND	0.0023		mg/m ³	1	12/12/2022
Freon-114	ND	0.011		mg/m ³	1	12/12/2022
Heptane	0.0017	0.0012		mg/m ³	1	12/12/2022
Hexachlorobutadiene	ND	0.0032		mg/m ³	1	12/12/2022
Hexane	ND	0.0026		mg/m ³	1	12/12/2022
Isopropyl Alcohol	0.99	0.092		mg/m ³	25	12/12/2022
m,p-Xylene	ND	0.0026		mg/m ³	1	12/12/2022
Methyl tert-butyl ether	ND	0.0011		mg/m ³	1	12/12/2022
Methylene chloride	ND	0.010		mg/m ³	1	12/12/2022
Naphthalene	ND	0.0016		mg/m ³	1	12/12/2022
o-Xylene	ND	0.0013		mg/m ³	1	12/12/2022
Propene	ND	0.0052		mg/m ³	1	12/12/2022
Styrene	ND	0.0013		mg/m ³	1	12/12/2022
Tetrachloroethene	ND	0.0020		mg/m ³	1	12/12/2022
Tetrahydrofuran	ND	0.0022		mg/m ³	1	12/12/2022
Toluene	0.0036	0.0011		mg/m ³	1	12/12/2022
trans-1,2-Dichloroethene	ND	0.0012		mg/m ³	1	12/12/2022
trans-1,3-Dichloropropene	ND	0.0014		mg/m ³	1	12/12/2022
Trichloroethene	ND	0.0016		mg/m ³	1	12/12/2022
Trichlorofluoromethane	ND	0.0017		mg/m ³	1	12/12/2022
Vinyl acetate	ND	0.011		mg/m ³	1	12/12/2022
Vinyl chloride	ND	0.00077		mg/m ³	1	12/12/2022
Xylenes, Total	ND	0.0039		mg/m ³	1	12/12/2022

Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/12/2022 Analyst: KVV		
1,1,1-Trichloroethane	ND	1.6		µg/m ³	1	12/12/2022
1,1,2,2-Tetrachloroethane	ND	2.1		µg/m ³	1	12/12/2022
1,1,2-Trichloroethane	ND	1.6		µg/m ³	1	12/12/2022
1,1-Dichloroethane	ND	1.2		µg/m ³	1	12/12/2022
1,1-Dichloroethene	ND	1.2		µg/m ³	1	12/12/2022
1,2,4-Trichlorobenzene	ND	2.2		µg/m ³	1	12/12/2022
1,2,4-Trimethylbenzene	ND	1.5		µg/m ³	1	12/12/2022
1,2-Dibromoethane	ND	2.3		µg/m ³	1	12/12/2022
1,2-Dichlorobenzene	ND	1.8		µg/m ³	1	12/12/2022
1,2-Dichloroethane	ND	1.2		µg/m ³	1	12/12/2022
1,2-Dichloropropane	ND	1.4		µg/m ³	1	12/12/2022
1,3,5-Trimethylbenzene	ND	1.5		µg/m ³	1	12/12/2022
1,3-Butadiene	ND	0.67		µg/m ³	1	12/12/2022

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Matrix: Air

Lab ID: 22120324-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/12/2022		Analyst: KWV
1,3-Dichlorobenzene	ND	1.8		µg/m ³	1	12/12/2022
1,4-Dichlorobenzene	ND	1.8		µg/m ³	1	12/12/2022
1,4-Dioxane	ND	2.7		µg/m ³	1	12/12/2022
2-Butanone	ND	2.2		µg/m ³	1	12/12/2022
2-Hexanone	ND	6.2		µg/m ³	1	12/12/2022
4-Ethyltoluene	ND	1.5		µg/m ³	1	12/12/2022
4-Methyl-2-pentanone	ND	6.2		µg/m ³	1	12/12/2022
Acetone	95	7.1	*	µg/m ³	1	12/12/2022
Benzene	1.3	0.96		µg/m ³	1	12/12/2022
Benzyl chloride	ND	3.9		µg/m ³	1	12/12/2022
Bromodichloromethane	ND	2.0		µg/m ³	1	12/12/2022
Bromoform	ND	7.8		µg/m ³	1	12/12/2022
Bromomethane	ND	2.9		µg/m ³	1	12/12/2022
Carbon disulfide	ND	0.94		µg/m ³	1	12/12/2022
Carbon tetrachloride	ND	1.9		µg/m ³	1	12/12/2022
Chlorobenzene	ND	1.4		µg/m ³	1	12/12/2022
Chloroethane	ND	0.79		µg/m ³	1	12/12/2022
Chloroform	3.4	1.5		µg/m ³	1	12/12/2022
Chloromethane	1.8	1.6		µg/m ³	1	12/12/2022
cis-1,2-Dichloroethene	ND	1.2		µg/m ³	1	12/12/2022
cis-1,3-Dichloropropene	ND	1.4		µg/m ³	1	12/12/2022
Cyclohexane	ND	1.0		µg/m ³	1	12/12/2022
Dibromochloromethane	ND	2.6		µg/m ³	1	12/12/2022
Dichlorodifluoromethane	2.8	1.5		µg/m ³	1	12/12/2022
Ethyl acetate	7.6	2.7		µg/m ³	1	12/12/2022
Ethylbenzene	ND	1.3		µg/m ³	1	12/12/2022
Freon-113	ND	2.3		µg/m ³	1	12/12/2022
Freon-114	ND	11		µg/m ³	1	12/12/2022
Heptane	1.7	1.2		µg/m ³	1	12/12/2022
Hexachlorobutadiene	ND	3.2		µg/m ³	1	12/12/2022
Hexane	ND	2.6		µg/m ³	1	12/12/2022
Isopropyl Alcohol	990	92		µg/m ³	25	12/12/2022
m,p-Xylene	ND	2.6		µg/m ³	1	12/12/2022
Methyl tert-butyl ether	ND	1.1		µg/m ³	1	12/12/2022
Methylene chloride	ND	10		µg/m ³	1	12/12/2022
Naphthalene	ND	1.6		µg/m ³	1	12/12/2022
o-Xylene	ND	1.3		µg/m ³	1	12/12/2022
Propene	ND	5.2		µg/m ³	1	12/12/2022

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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds in Air by GC/MS		TO-15		Prep Date: 12/12/2022		Analyst: KWV
Styrene	ND	1.3		µg/m ³	1	12/12/2022
Tetrachloroethene	ND	2.0		µg/m ³	1	12/12/2022
Tetrahydrofuran	ND	2.2		µg/m ³	1	12/12/2022
Toluene	3.6	1.1		µg/m ³	1	12/12/2022
trans-1,2-Dichloroethene	ND	1.2		µg/m ³	1	12/12/2022
trans-1,3-Dichloropropene	ND	1.4		µg/m ³	1	12/12/2022
Trichloroethene	ND	1.6		µg/m ³	1	12/12/2022
Trichlorofluoromethane	ND	1.7		µg/m ³	1	12/12/2022
Vinyl acetate	ND	11		µg/m ³	1	12/12/2022
Vinyl chloride	ND	0.77		µg/m ³	1	12/12/2022
Xylenes, Total	ND	3.9		µg/m ³	1	12/12/2022

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