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**Client:**

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

**Work Order Sample Summary**

**Work Order:** 22120327 Revision 0

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Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
22120327-001A	60262		12/8/2022 1:41:00 AM	12/9/2022

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**CLIENT:**

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

**Work Order:** 22120327 Revision 0

**CASE NARRATIVE**

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

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

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:**

Work Order: 22120327 Revision 0

Client Sample ID: 60262

Collection Date: 12/8/2022 1:41:00 AM

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

Matrix: Air

Lab ID: 22120327-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 12/12/2022		Analyst: KWV
1,1,1-Trichloroethane	ND	0.0016		mg/m <sup>3</sup>	1	12/12/2022
1,1,2,2-Tetrachloroethane	ND	0.0020		mg/m <sup>3</sup>	1	12/12/2022
1,1,2-Trichloroethane	ND	0.0016		mg/m <sup>3</sup>	1	12/12/2022
1,1-Dichloroethane	ND	0.0012		mg/m <sup>3</sup>	1	12/12/2022
1,1-Dichloroethene	ND	0.0011		mg/m <sup>3</sup>	1	12/12/2022
1,2,4-Trichlorobenzene	ND	0.0021		mg/m <sup>3</sup>	1	12/12/2022
1,2,4-Trimethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	12/12/2022
1,2-Dibromoethane	ND	0.0022		mg/m <sup>3</sup>	1	12/12/2022
1,2-Dichlorobenzene	ND	0.0017		mg/m <sup>3</sup>	1	12/12/2022
1,2-Dichloroethane	ND	0.0012		mg/m <sup>3</sup>	1	12/12/2022
1,2-Dichloropropane	ND	0.0013		mg/m <sup>3</sup>	1	12/12/2022
1,3,5-Trimethylbenzene	ND	0.0014		mg/m <sup>3</sup>	1	12/12/2022
1,3-Butadiene	ND	0.00064		mg/m <sup>3</sup>	1	12/12/2022
1,3-Dichlorobenzene	ND	0.0017		mg/m <sup>3</sup>	1	12/12/2022
1,4-Dichlorobenzene	ND	0.0017		mg/m <sup>3</sup>	1	12/12/2022
1,4-Dioxane	ND	0.0026		mg/m <sup>3</sup>	1	12/12/2022
2-Butanone	ND	0.0021		mg/m <sup>3</sup>	1	12/12/2022
2-Hexanone	ND	0.0059		mg/m <sup>3</sup>	1	12/12/2022
4-Ethyltoluene	ND	0.0014		mg/m <sup>3</sup>	1	12/12/2022
4-Methyl-2-pentanone	ND	0.0059		mg/m <sup>3</sup>	1	12/12/2022
Acetone	0.018	0.0068	*	mg/m <sup>3</sup>	1	12/12/2022
Benzene	0.0016	0.00092		mg/m <sup>3</sup>	1	12/12/2022
Benzyl chloride	ND	0.0037		mg/m <sup>3</sup>	1	12/12/2022
Bromodichloromethane	ND	0.0019		mg/m <sup>3</sup>	1	12/12/2022
Bromoform	ND	0.0074		mg/m <sup>3</sup>	1	12/12/2022
Bromomethane	ND	0.0028		mg/m <sup>3</sup>	1	12/12/2022
Carbon disulfide	ND	0.00090		mg/m <sup>3</sup>	1	12/12/2022
Carbon tetrachloride	ND	0.0018		mg/m <sup>3</sup>	1	12/12/2022
Chlorobenzene	ND	0.0013		mg/m <sup>3</sup>	1	12/12/2022
Chloroethane	ND	0.00076		mg/m <sup>3</sup>	1	12/12/2022
Chloroform	ND	0.0014		mg/m <sup>3</sup>	1	12/12/2022
Chloromethane	ND	0.0015		mg/m <sup>3</sup>	1	12/12/2022
cis-1,2-Dichloroethene	ND	0.0011		mg/m <sup>3</sup>	1	12/12/2022
cis-1,3-Dichloropropene	ND	0.0013		mg/m <sup>3</sup>	1	12/12/2022
Cyclohexane	ND	0.00099		mg/m <sup>3</sup>	1	12/12/2022
Dibromochloromethane	ND	0.0024		mg/m <sup>3</sup>	1	12/12/2022
Dichlorodifluoromethane	0.0028	0.0014		mg/m <sup>3</sup>	1	12/12/2022
Ethyl acetate	ND	0.0026		mg/m <sup>3</sup>	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

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Date Reported: December 15, 2022

**ANALYTICAL RESULTS**

Date Printed: December 15, 2022

**Client:**

Client Sample ID: 60262

Work Order: 22120327 Revision 0

Collection Date: 12/8/2022 1:41:00 AM

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

Matrix: Air

Lab ID: 22120327-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 12/12/2022		Analyst: KVV
Ethylbenzene	ND	0.0012		mg/m <sup>3</sup>	1	12/12/2022
Freon-113	ND	0.0022		mg/m <sup>3</sup>	1	12/12/2022
Freon-114	ND	0.010		mg/m <sup>3</sup>	1	12/12/2022
Heptane	ND	0.0012		mg/m <sup>3</sup>	1	12/12/2022
Hexachlorobutadiene	ND	0.0031		mg/m <sup>3</sup>	1	12/12/2022
Hexane	ND	0.0025		mg/m <sup>3</sup>	1	12/12/2022
Isopropyl Alcohol	ND	0.0035		mg/m <sup>3</sup>	1	12/12/2022
m,p-Xylene	ND	0.0025		mg/m <sup>3</sup>	1	12/12/2022
Methyl tert-butyl ether	ND	0.0010		mg/m <sup>3</sup>	1	12/12/2022
Methylene chloride	ND	0.010		mg/m <sup>3</sup>	1	12/12/2022
Naphthalene	ND	0.0015		mg/m <sup>3</sup>	1	12/12/2022
o-Xylene	ND	0.0012		mg/m <sup>3</sup>	1	12/12/2022
Propene	ND	0.0049		mg/m <sup>3</sup>	1	12/12/2022
Styrene	ND	0.0012		mg/m <sup>3</sup>	1	12/12/2022
Tetrachloroethene	ND	0.0019		mg/m <sup>3</sup>	1	12/12/2022
Tetrahydrofuran	ND	0.0021		mg/m <sup>3</sup>	1	12/12/2022
Toluene	0.0036	0.0011		mg/m <sup>3</sup>	1	12/12/2022
trans-1,2-Dichloroethene	ND	0.0011		mg/m <sup>3</sup>	1	12/12/2022
trans-1,3-Dichloropropene	ND	0.0013		mg/m <sup>3</sup>	1	12/12/2022
Trichloroethene	ND	0.0015		mg/m <sup>3</sup>	1	12/12/2022
Trichlorofluoromethane	ND	0.0016		mg/m <sup>3</sup>	1	12/12/2022
Vinyl acetate	ND	0.010		mg/m <sup>3</sup>	1	12/12/2022
Vinyl chloride	ND	0.00073		mg/m <sup>3</sup>	1	12/12/2022
Xylenes, Total	ND	0.0037		mg/m <sup>3</sup>	1	12/12/2022

<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 12/12/2022		Analyst: KVV
1,1,1-Trichloroethane	ND	1.6		µg/m <sup>3</sup>	1	12/12/2022
1,1,2,2-Tetrachloroethane	ND	2.0		µg/m <sup>3</sup>	1	12/12/2022
1,1,2-Trichloroethane	ND	1.6		µg/m <sup>3</sup>	1	12/12/2022
1,1-Dichloroethane	ND	1.2		µg/m <sup>3</sup>	1	12/12/2022
1,1-Dichloroethene	ND	1.1		µg/m <sup>3</sup>	1	12/12/2022
1,2,4-Trichlorobenzene	ND	2.1		µg/m <sup>3</sup>	1	12/12/2022
1,2,4-Trimethylbenzene	ND	1.4		µg/m <sup>3</sup>	1	12/12/2022
1,2-Dibromoethane	ND	2.2		µg/m <sup>3</sup>	1	12/12/2022
1,2-Dichlorobenzene	ND	1.7		µg/m <sup>3</sup>	1	12/12/2022
1,2-Dichloroethane	ND	1.2		µg/m <sup>3</sup>	1	12/12/2022
1,2-Dichloropropane	ND	1.3		µg/m <sup>3</sup>	1	12/12/2022
1,3,5-Trimethylbenzene	ND	1.4		µg/m <sup>3</sup>	1	12/12/2022
1,3-Butadiene	ND	0.64		µg/m <sup>3</sup>	1	12/12/2022

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Date Reported: December 15, 2022

**ANALYTICAL RESULTS**

Date Printed: December 15, 2022

Client:

Client Sample ID: 60262

Work Order: 22120327 Revision 0

Collection Date: 12/8/2022 1:41:00 AM

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

Matrix: Air

Lab ID: 22120327-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 12/12/2022		Analyst: KWV
1,3-Dichlorobenzene	ND	1.7		µg/m³	1	12/12/2022
1,4-Dichlorobenzene	ND	1.7		µg/m³	1	12/12/2022
1,4-Dioxane	ND	2.6		µg/m³	1	12/12/2022
2-Butanone	ND	2.1		µg/m³	1	12/12/2022
2-Hexanone	ND	5.9		µg/m³	1	12/12/2022
4-Ethyltoluene	ND	1.4		µg/m³	1	12/12/2022
4-Methyl-2-pentanone	ND	5.9		µg/m³	1	12/12/2022
Acetone	18	6.8	*	µg/m³	1	12/12/2022
Benzene	1.6	0.92		µg/m³	1	12/12/2022
Benzyl chloride	ND	3.7		µg/m³	1	12/12/2022
Bromodichloromethane	ND	1.9		µg/m³	1	12/12/2022
Bromoform	ND	7.4		µg/m³	1	12/12/2022
Bromomethane	ND	2.8		µg/m³	1	12/12/2022
Carbon disulfide	ND	0.90		µg/m³	1	12/12/2022
Carbon tetrachloride	ND	1.8		µg/m³	1	12/12/2022
Chlorobenzene	ND	1.3		µg/m³	1	12/12/2022
Chloroethane	ND	0.76		µg/m³	1	12/12/2022
Chloroform	ND	1.4		µg/m³	1	12/12/2022
Chloromethane	ND	1.5		µg/m³	1	12/12/2022
cis-1,2-Dichloroethene	ND	1.1		µg/m³	1	12/12/2022
cis-1,3-Dichloropropene	ND	1.3		µg/m³	1	12/12/2022
Cyclohexane	ND	0.99		µg/m³	1	12/12/2022
Dibromochloromethane	ND	2.4		µg/m³	1	12/12/2022
Dichlorodifluoromethane	2.8	1.4		µg/m³	1	12/12/2022
Ethyl acetate	ND	2.6		µg/m³	1	12/12/2022
Ethylbenzene	ND	1.2		µg/m³	1	12/12/2022
Freon-113	ND	2.2		µg/m³	1	12/12/2022
Freon-114	ND	10		µg/m³	1	12/12/2022
Heptane	ND	1.2		µg/m³	1	12/12/2022
Hexachlorobutadiene	ND	3.1		µg/m³	1	12/12/2022
Hexane	ND	2.5		µg/m³	1	12/12/2022
Isopropyl Alcohol	ND	3.5		µg/m³	1	12/12/2022
m,p-Xylene	ND	2.5		µg/m³	1	12/12/2022
Methyl tert-butyl ether	ND	1.0		µg/m³	1	12/12/2022
Methylene chloride	ND	10		µg/m³	1	12/12/2022
Naphthalene	ND	1.5		µg/m³	1	12/12/2022
o-Xylene	ND	1.2		µg/m³	1	12/12/2022
Propene	ND	4.9		µg/m³	1	12/12/2022

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Matrix: Air

Lab ID: 22120327-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Volatile Organic Compounds in Air by GC/MS</b>		<b>TO-15</b>		Prep Date: 12/12/2022		Analyst: KWV
Styrene	ND	1.2		µg/m <sup>3</sup>	1	12/12/2022
Tetrachloroethene	ND	1.9		µg/m <sup>3</sup>	1	12/12/2022
Tetrahydrofuran	ND	2.1		µg/m <sup>3</sup>	1	12/12/2022
Toluene	3.6	1.1		µg/m <sup>3</sup>	1	12/12/2022
trans-1,2-Dichloroethene	ND	1.1		µg/m <sup>3</sup>	1	12/12/2022
trans-1,3-Dichloropropene	ND	1.3		µg/m <sup>3</sup>	1	12/12/2022
Trichloroethene	ND	1.5		µg/m <sup>3</sup>	1	12/12/2022
Trichlorofluoromethane	ND	1.6		µg/m <sup>3</sup>	1	12/12/2022
Vinyl acetate	ND	10		µg/m <sup>3</sup>	1	12/12/2022
Vinyl chloride	ND	0.73		µg/m <sup>3</sup>	1	12/12/2022
Xylenes, Total	ND	3.7		µg/m <sup>3</sup>	1	12/12/2022

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