



INDUSTRIAL HYGIENE

• EPA MVLAP 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 589

ENVIRONMENTAL TESTING

• NY DOH/NELAC 10903
• PA DEP 06-353

• NJ DEP PA020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R02051033

Client Reference: 19125-0297, VOC

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
	(ug)	(mg/m³)	(ppm)			
Client ID: VOC1 ATC-0523-89M	Lab ID: -01A	Date Sampled: 5/23/2002		Matrix: Charcoal		Air Vol.(L): 120
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	05/30/2002 JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	05/30/2002 JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	05/30/2002 JMM
Acetone	<20	<0.17	<0.070	20	OSHA 7	05/30/2002 JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	05/30/2002 JMM
Benzene	<20	<0.17	<0.052	20	OSHA 7	05/30/2002 JMM
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	05/30/2002 JMM
Chloroform	<20	<0.17	<0.034	20	OSHA 7	05/30/2002 JMM
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	05/30/2002 JMM
Hexane	<20	<0.17	<0.047	20	OSHA 7	05/30/2002 JMM
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	05/30/2002 JMM
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	05/30/2002 JMM
Pentane	<20	<0.17	<0.056	20	OSHA 7	05/30/2002 JMM
Styrene	<20	<0.17	<0.039	20	OSHA 7	05/30/2002 JMM
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	05/30/2002 JMM
Toluene	<20	<0.17	<0.044	20	OSHA 7	05/30/2002 JMM
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	05/30/2002 JMM
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	05/30/2002 JMM



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**Analytical Results
for**

ATC Associates

WorkOrder: R02051033

Client Reference: 19125-0297, VOC

Analyte	Concentration			Limit of Detection	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)	(ug)			
Client ID: VOC2 ATC-0523-89M	Lab ID: -02A	Date Sampled: 5/23/2002		Matrix: Charcoal		Air Vol.(L): 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	05/30/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	05/30/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	05/30/2002	JMM
Acetone	<20	<0.17	<0.070	20	OSHA 7	05/30/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	05/30/2002	JMM
Benzene	<20	<0.17	<0.052	20	OSHA 7	05/30/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	05/30/2002	JMM
Chloroform	<20	<0.17	<0.034	20	OSHA 7	05/30/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	05/30/2002	JMM
Hexane	<20	<0.17	<0.047	20	OSHA 7	05/30/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	05/30/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	05/30/2002	JMM
Pentane	<20	<0.17	<0.056	20	OSHA 7	05/30/2002	JMM
Styrene	<20	<0.17	<0.039	20	OSHA 7	05/30/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	05/30/2002	JMM
Toluene	<20	<0.17	<0.044	20	OSHA 7	05/30/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	05/30/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	05/30/2002	JMM



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Analytical Results
for

ATC Associates

WorkOrder: R02051033

Client Reference: 19125-0297, VOC

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: VOC3 ATC-0523-89M	Lab ID: -03A	Date Sampled: 5/23/2002		Matrix: Charcoal		Air Vol.(L): 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	05/30/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	05/30/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	05/30/2002	JMM
Acetone	<20	<0.17	<0.070	20	OSHA 7	05/30/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	05/30/2002	JMM
Benzene	<20	<0.17	<0.052	20	OSHA 7	05/30/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	05/30/2002	JMM
Chloroform	<20	<0.17	<0.034	20	OSHA 7	05/30/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	05/30/2002	JMM
Hexane	<20	<0.17	<0.047	20	OSHA 7	05/30/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	05/30/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	05/30/2002	JMM
Pentane	<20	<0.17	<0.056	20	OSHA 7	05/30/2002	JMM
Styrene	<20	<0.17	<0.039	20	OSHA 7	05/30/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	05/30/2002	JMM
Toluene	<20	<0.17	<0.044	20	OSHA 7	05/30/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	05/30/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	05/30/2002	JMM



INDUSTRIAL HYGIENE

• EPA NVLAP 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 699

ENVIRONMENTAL TESTING

• NY DOH/NELAC 10903
• PA DEP 06-353
• NJ DEP PA020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R02051033

Client Reference: 19125-0297, VOC

Analyte	Concentration			Limit of Detection	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: VOC4 ATC-0523-89M	Lab ID: -04A	Date Sampled: 5/23/2002		Matrix: Charcoal		Air Vol.(L): 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	05/30/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	05/30/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	05/30/2002	JMM
Acetone	<20	<0.17	<0.070	20	OSHA 7	05/30/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	05/30/2002	JMM
Benzene	<20	<0.17	<0.052	20	OSHA 7	05/30/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	05/30/2002	JMM
Chloroform	<20	<0.17	<0.034	20	OSHA 7	05/30/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	05/30/2002	JMM
Hexane	<20	<0.17	<0.047	20	OSHA 7	05/30/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	05/30/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	05/30/2002	JMM
Pentane	<20	<0.17	<0.056	20	OSHA 7	05/30/2002	JMM
Styrene	<20	<0.17	<0.039	20	OSHA 7	05/30/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	05/30/2002	JMM
Toluene	<20	<0.17	<0.044	20	OSHA 7	05/30/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	05/30/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	05/30/2002	JMM



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WorkOrder: R02051033

Client Reference: 19125-0297, VOC

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
	(ug)	(mg/m³)	(ppm)			
Client ID: VOC5 ATC-0523-89M	Lab ID: -05A	Date Sampled: 5/23/2002		Matrix: Charcoal		Air Vol.(L): NA
1,1,1-Trichloroethane	<20	--	--	20	OSHA 7	05/30/2002 JMM
1,2-Dichloroethane	<20	--	--	20	OSHA 7	05/30/2002 JMM
A Hydrocarbons, Total	<20	--	--	20	OSHA 7	05/30/2002 JMM
Acetone	<20	--	--	20	OSHA 7	05/30/2002 JMM
B Hydrocarbons, Total	<20	--	--	20	OSHA 7	05/30/2002 JMM
Benzene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Chlorobenzene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Chloroform	<20	--	--	20	OSHA 7	05/30/2002 JMM
Ethylbenzene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Hexane	<20	--	--	20	OSHA 7	05/30/2002 JMM
Isopropylbenzene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Methylene Chloride	<20	--	--	20	OSHA 7	05/30/2002 JMM
Pentane	<20	--	--	20	OSHA 7	05/30/2002 JMM
Styrene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Tetrachloroethene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Toluene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Trichloroethene	<20	--	--	20	OSHA 7	05/30/2002 JMM
Xylenes, Total	<20	--	--	20	OSHA 7	05/30/2002 JMM

(a) Analysis indicates possible breakthrough: back section result is greater than % of the front section result.

General Notes:

<: Less than the indicated limit of detection (LOD).

--: Information not available or not applicable.

Back sections were checked and showed no significant breakthrough.