



INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA SW-846 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 599

• NY DOH/NELAC 10903
• PA DEP 06-353

• NJ DEP PA020
• CT DPH PH-0239

**Analytical Results
for**

ATC Associates

WorkOrder: R02030383

Client Reference: 19125-0297

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: VOC1 ATC-0307-89M <i>15 ft 100v</i> <i>11, 10, 11</i> Lab ID: -01A Date Sampled: 3/7/02 Matrix: Charcoal Air Vol.(L): 120							
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/2002 JMM	
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	03/13/2002 JMM	
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Acetone	<20	<0.17	<0.070	20	Total Hydrocarbon Sc	03/13/2002 JMM	
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/2002 JMM	
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/2002 JMM	



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• NJ DEP PA020
• CT DPH PH-0238

**Analytical Results
for**

ATC Associates

WorkOrder: R02030383

Client Reference: 19125-0297

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date
	(ug)	(mg/m³)	(ppm)			
Client ID: VOC2 ATC-0307-89M <i>Playground</i> Lab ID: -02A Date Sampled: 3/7/02 Matrix: Charcoal Air V						
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	03/13/
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/
Acetone	<20	<0.17	<0.070	20	Total Hydrocarbon Sc	03/13/
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	03/13/
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	03/13/
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	03/13/
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	03/13/
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	03/13/
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	03/13/
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/



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Analytical Results
for

ATC Associates

WorkOrder: R02030383

Client Reference: 19125-0297

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
	(ug)	(mg/m³)	(ppm)				
Client ID: VOC3 ATC-0307-89M <i>Playground</i> Lab ID: -03A Date Sampled: 3/7/02 Matrix: Charcoal Air Vol.(L): 120							
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	03/13/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/2002	JMM
Acetone	<20	<0.17	<0.070	20	Total Hydrocarbon Sc	03/13/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/2002	JMM
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	03/13/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	03/13/2002	JMM
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/2002	JMM
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	03/13/2002	JMM
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	03/13/2002	JMM
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	03/13/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	03/13/2002	JMM
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/2002	JMM



INDUSTRIAL HYGIENE

• EPANVLAP 101262-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 599

ENVIRONMENTAL TESTING

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

Analytical Results
for

ATC Associates

WorkOrder: R02030383

Client Reference: 19125-0297

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyt /Analys
	(ug)	(mg/m³)	(ppm)			
Client ID: VOC4 ATC-0307-89M <i>f.f</i> Lab ID: -04A Date Sampled: 3/7/02 Matrix: Charcoal Air Vol.(L):						
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/2002
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	03/13/2002
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/2002
Acetone	<20	<0.17	<0.070	20	Total Hydrocarbon Sc	03/13/2002
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/2002
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	03/13/2002
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	03/13/2002
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/2002
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/2002
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	03/13/2002
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	03/13/2002
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	03/13/2002
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	03/13/2002
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	03/13/2002
Tetrachloroethane	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	03/13/2002
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	03/13/2002
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	03/13/2002
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	03/13/2002



ANALYTICAL SERVICES

INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

• EPA NVLAP 101282-0
• AIHA ACCREDITATION NO. 100439
• NC DENR 589

• NY DOH NELAC 10993
• PA DEP 06-353

• NJ DEP PA020
• CT DPH PH-0238

Analytical Results
for

ATC Associates

WorkOrder: R02030383

Client Reference: 19125-0297

Analyte	Concentration			Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
	(ug)	(mg/m³)	(ppm)			
Client ID: VOC5 ATC-0307-89M TJ: AK Lab ID: -05A Date Sampled: 3/7/02 Matrix: Charcoal Air Vol.(L): NA						
1,1,1-Trichloroethane	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
1,2-Dichloroethane	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
A Hydrocarbons, Total	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Acetone	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
B Hydrocarbons, Total	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Benzene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Chlorobenzene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Chloroform	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Ethylbenzene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Hexane	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Isopropylbenzene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Methylene Chloride	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Pentane	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Styrene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Tetrachloroethene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Toluene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Trichloroethene	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 JMM
Xylenes, Total	<20	--	--	20	Total Hydrocarbon Sc	03/13/2002 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.