NYC 9/11 Public Portal Document

PSC
ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02040075
Client Reference: 19125-0290, VOC

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: VOC1 ATC-0329-M894 Main Lobby	**Lab ID:** -01A	**Date Sampled:** 3/29/02			**Matrix:** Charcoal	**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	04/04/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Acetone	65	0.54	0.23	20	Total Hydrocarbon Sc	04/04/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM
Hexane	21	0.18	0.051	20	Total Hydrocarbon Sc	04/04/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	04/04/2002	JMM
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	04/04/2002	JMM
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	04/04/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	04/04/2002	JMM
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM

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• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02040075
Client Reference: 19125-0290, VOC

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: VOC2 ATC-0329-M894 5th floor	**Lab ID:** -02A	**Date Sampled:** 3/29/02			**Matrix:** Charcoal	**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	04/04/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Acetone	38	0.32	0.13	20	Total Hydrocarbon Sc	04/04/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	04/04/2002	JMM
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	04/04/2002	JMM
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	04/04/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	04/04/2002	JMM
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02040075
Client Reference: 19125-0290, VOC

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: VOC3 ATC-0329-M894 **Lab ID:** -03A		**Date Sampled:** 3/29/02		**Matrix:** Charcoal		**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	04/04/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Acetone	88	0.73	0.31	20	Total Hydrocarbon Sc	04/04/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	04/04/2002	JMM
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	04/04/2002	JMM
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	04/04/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	04/04/2002	JMM
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02040075
Client Reference: 19125-0290, VOC

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: VOC4 ATC-0329-M894 Roof	**Lab ID:** -04A	**Date Sampled:** 3/29/02			**Matrix:** Charcoal	**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
1,2-Dichloroethane	<20	<0.17	<0.041	20	Total Hydrocarbon Sc	04/04/2002	JMM
A Hydrocarbons, Total	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Acetone	160	1.3	0.55	20	Total Hydrocarbon Sc	04/04/2002	JMM
B Hydrocarbons, Total	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Benzene	<20	<0.17	<0.052	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chlorobenzene	<20	<0.17	<0.036	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chloroform	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Ethylbenzene	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM
Hexane	<20	<0.17	<0.047	20	Total Hydrocarbon Sc	04/04/2002	JMM
Isopropylbenzene	<20	<0.17	<0.034	20	Total Hydrocarbon Sc	04/04/2002	JMM
Methylene Chloride	<20	<0.17	<0.048	20	Total Hydrocarbon Sc	04/04/2002	JMM
Pentane	<20	<0.17	<0.056	20	Total Hydrocarbon Sc	04/04/2002	JMM
Styrene	<20	<0.17	<0.039	20	Total Hydrocarbon Sc	04/04/2002	JMM
Tetrachloroethene	<20	<0.17	<0.025	20	Total Hydrocarbon Sc	04/04/2002	JMM
Toluene	<20	<0.17	<0.044	20	Total Hydrocarbon Sc	04/04/2002	JMM
Trichloroethene	<20	<0.17	<0.031	20	Total Hydrocarbon Sc	04/04/2002	JMM
Xylenes, Total	<20	<0.17	<0.038	20	Total Hydrocarbon Sc	04/04/2002	JMM

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• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02040075
Client Reference: 19125-0290, VOC

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: VOC5 ATC-0329-M894 Blank **Lab ID:** -05A **Date Sampled:** 3/29/02 **Matrix:** Charcoal **Air Vol.(L):** NA							
1,1,1-Trichloroethane	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
1,2-Dichloroethane	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
A Hydrocarbons, Total	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Acetone	130	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
B Hydrocarbons, Total	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Benzene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chlorobenzene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Chloroform	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Ethylbenzene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Hexane	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Isopropylbenzene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Methylene Chloride	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Pentane	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Styrene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Tetrachloroethene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Toluene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Trichloroethene	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	JMM
Xylenes, Total	<20	--	--	20	Total Hydrocarbon Sc	04/04/2002	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.

CITY_21MC100_003086511

NYC-WTC_000189391