



ANALYTICAL SERVICES

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200EC01_1245_13_N1261_1FR

INDUSTRIAL HYGIENE

ENVIRONMENTAL TESTING

- EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP 77020
- AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
- NC DENR 599

ANALYTICAL REPORT

Client: ATC Associates

Project: 208989

Report to: James Cohn
ATC Associates
104 East 25th Street
10th Floor
New York NY 10010-2917

Received: 14-DEC-01
Reported: 20-DEC-01

Project Description: 1912-0279 / VOCs A+B

Sampled: 11-DEC-01 By: WK

	<u>RESULT</u>	<u>UNITS</u>	<u>CONCENTRATION</u>	<u>UNITS</u>	<u>METHOD</u>
<u>ATC-1211-234M-VOC1</u>					
Air Volume: 120.2 L					
Lab Sample: 1474466 <i>Cafeteria</i>					
Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.030	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.025	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501

ATC-1211-234M-VOC2

Air Volume: 120.0 L

Lab Sample: 1474467

Room 118

Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500



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ATC-1211-234M-VOC2

Lab Sample: 1474467 - continued

	<u>RESULT</u>	<u>UNITS</u>	<u>CONCENTRATION</u>	<u>UNITS</u>	<u>METHOD</u>
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.031	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.025	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501

ATC-1211-234M-VOC3

Air Volume: 121.0 L

Lab Sample: 1474468

2nd floor hallway

Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.030	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.024	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501

ATC-1211-234M-VOC4

Air Volume: 120.8 L

Lab Sample: 1474469

Room 315

Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300



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	<u>RESULT</u>	<u>UNITS</u>	<u>CONCENTRATION</u>	<u>UNITS</u>	<u>METHOD</u>
ATC-1211-234M-VOC4					
Lab Sample: 1474469 - continued					
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.030	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.024	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	0.069	mg/sample	0.152	ppm	1501

ATC-1211-234M-VOC5

Air Volume: 120.0 L

Lab Sample: 1474470

*Outdoors
Main Entrance*

Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.031	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.025	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501



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	RESULT	UNITS	CONCENTRATION	UNITS	METHOD
ATC-1211-234M-VOC6					
Air Volume: 120.0 L					
Lab Sample: 1474471					
	<i>Front courtyard</i>				
Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.031	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.025	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501

ATC-1211-234M-VOC7

Air Volume: 120.0 L

Lab Sample: 1474472

Back playground

Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.070	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.031	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.025	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501



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ATC-1211-234M-VOC8

Air Volume: 121.2 L

Lab Sample: 1474473

Roof

	RESULT	UNITS	CONCENTRATION	UNITS	METHOD
Pentane	< 0.020	mg/sample	< 0.056	ppm	1500
Acetone	< 0.020	mg/sample	< 0.069	ppm	1300
Methylene chloride	< 0.020	mg/sample	< 0.048	ppm	1005
Hexane	< 0.020	mg/sample	< 0.047	ppm	1500
Chloroform	< 0.020	mg/sample	< 0.034	ppm	1003
Methyl chloroform	< 0.020	mg/sample	< 0.030	ppm	1003
total other A Hydrocarbons	< 0.020	mg/sample	< 0.047	ppm	1500
Benzene	< 0.020	mg/sample	< 0.052	ppm	1501
1,2-Dichloroethane	< 0.020	mg/sample	< 0.041	ppm	1003
Trichloroethylene	< 0.020	mg/sample	< 0.031	ppm	1022
Toluene	< 0.020	mg/sample	< 0.044	ppm	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	< 0.024	ppm	1003
Chlorobenzene	< 0.020	mg/sample	< 0.036	ppm	1003
Ethylbenzene	< 0.020	mg/sample	< 0.038	ppm	1501
Styrene	< 0.020	mg/sample	< 0.039	ppm	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	< 0.034	ppm	1501
Xylenes, Total	< 0.020	mg/sample	< 0.038	ppm	1501
total other B Hydrocarbons	< 0.020	mg/sample	< 0.044	ppm	1501

ATC-1211-234M-VOC9

Air Volume: 0 L

Lab Sample: 1474474

Blank

Pentane	< 0.020	mg/sample	1500
Acetone	< 0.020	mg/sample	1300
Methylene chloride	< 0.020	mg/sample	1005
Hexane	< 0.020	mg/sample	1500
Chloroform	< 0.020	mg/sample	1003
Methyl chloroform	< 0.020	mg/sample	1003
total other A Hydrocarbons	< 0.020	mg/sample	1500
Benzene	< 0.020	mg/sample	1501
1,2-Dichloroethane	< 0.020	mg/sample	1003
Trichloroethylene	< 0.020	mg/sample	1022
Toluene	< 0.020	mg/sample	1501
PCE (Tetrachloroethene)	< 0.020	mg/sample	1003
Chlorobenzene	< 0.020	mg/sample	1003
Ethylbenzene	< 0.020	mg/sample	1501
Styrene	< 0.020	mg/sample	1501
Cumene (Isopropylbenzene)	< 0.020	mg/sample	1501
Xylenes, Total	< 0.020	mg/sample	1501



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	<u>RESULT</u>	<u>UNITS</u>	<u>CONCENTRATION</u>	<u>UNITS</u>	<u>METHOD</u>
<u>ATC-1211-234M-VOC9</u>					
Lab Sample: 1474474 - continued					
total other B Hydrocarbons	< 0.020	mg/sample			1501

Final sample concentrations calculated from air volumes supplied on chain of custody.
< Indicates less than the limit of quantitation.