



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J8B0198

Client Sample ID:	Hudson #1A	Collected By:	Steve Chen
Sample Matrix:	Drinking Water	Collection Date:	02/28/2018 13:16
Lab Sample ID:	J8B0198-02		

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 524.2/EPA 524.2, Rv 4.1</b>								
Benzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Bromobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Bromochloromethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
n-Butylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
tert-Butylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
sec-Butylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Carbon tetrachloride	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Chlorobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Chloroethane (Ethyl chloride)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
2-Chlorotoluene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
4-Chlorotoluene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Dibromomethane (Methylene bromide)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,2-Dichlorobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,4-Dichlorobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,3-Dichlorobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Dichlorodifluoromethane (Freon-12)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1-Dichloroethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,2-Dichloroethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1-Dichloroethene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
cis-1,2-Dichloroethene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
trans-1,2-Dichloroethene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
2,2-Dichloropropane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,2-Dichloropropane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,3-Dichloropropane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
cis-1,3-Dichloropropene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
trans-1,3-Dichloropropene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1-Dichloropropene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Ethylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Hexachlorobutadiene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Isopropylbenzene (Cumene)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
4-Isopropyltoluene (p-Isopropyltoluene)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Methyl bromide (Bromomethane)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Methyl tert-butyl ether (MTBE)	<0.500	10 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Methyl chloride (Chloromethane)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Methylene chloride (Dichloromethane)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Naphthalene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
n-Propylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Styrene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1,2,2-Tetrachloroethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1,1,2-Tetrachloroethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Tetrachloroethene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Toluene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,2,4-Trichlorobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH

Microbac Laboratories, Inc.



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<b>Client Sample ID:</b> Hudson #1A	<b>Collected By:</b> M. J. J. J.
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 02/28/18 1844
<b>Lab Sample ID:</b> J8B0198-02	

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
1,2,3-Trichlorobenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1,2-Trichloroethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,1,1-Trichloroethane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Trichloroethene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Trichlorofluoromethane (Freon 11)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,2,3-Trichloropropane	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,3,5-Trimethylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
1,2,4-Trimethylbenzene	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Vinyl chloride	<0.500	2 NYVOA	0.500	ug/L			02/28/18 1844	RJH
m,p-Xylene	<1.00	5 NYVOA	1.00	ug/L	Y		02/28/18 1844	RJH
o-Xylene	<0.500	5 NYVOA	0.500	ug/L	Y		02/28/18 1844	RJH
Xylenes (total)	<0.500	5 NYVOA	0.500	ug/L			02/28/18 1844	RJH
Surrogate: 4-Bromofluorobenzene	87.2	Limit: 70-130		% Rec			02/28/18 1844	RJH
Surrogate: 1,2-Dichlorobenzene-d4	76.0	Limit: 70-130		% Rec			02/28/18 1844	RJH