



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7H1496

Elmira Water Board

Project Name: NY Drinking Water

Rose Martino
One Fountain Drive
Elmira, NY 14905

Project / PO Number: N/A
Received: 08/16/2017
Reported: 08/28/2017

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include Foster Island #40, Drinking Water, J7H1496-01, RMM-Client, 08/14/2017 14:15.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 8 columns: Volatile Organic Compounds - GC/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed. Lists various compounds like Benzene, Bromobenzene, etc., with results <0.50 and limits of 5 NYVOA.

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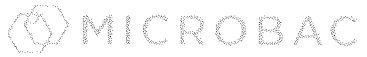
Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7H1496

Client Sample ID: Foster Island #40	Collected By: RMM-Client
Sample Matrix: Drinking Water	Collection Date: 08/14/2017 14:15
Lab Sample ID: J7H1496-01	

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 524.2, Rv 4.1							
Isopropylbenzene (Cumene)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
4-Isopropyltoluene (p-Isopropyltoluene)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Methyl tert-butyl ether (MTBE)	<0.50	10 NYVOA	0.50	ug/L			08/21/17 1717
Methylene chloride (Dichloromethane)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Naphthalene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
n-Propylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Styrene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,1,1,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,1,2,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Tetrachloroethene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Toluene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Trichloroethene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Trichlorofluoromethane (Freon 11)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Vinyl chloride	<0.50	2 NYVOA	0.50	ug/L			08/21/17 1717
m,p-Xylene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
o-Xylene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1717
Surrogate: 4-Bromofluorobenzene	93.5		Limit: 70-130	% Rec			08/21/17 1717
Surrogate: 1,2-Dichlorobenzene-d4	91.5		Limit: 70-130	% Rec			08/21/17 1717



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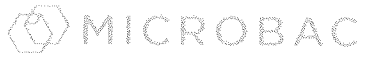
Client Sample ID: Foster Island #41	Collected By: RMM-Client
Sample Matrix: Drinking Water	Collection Date: 08/14/2017 14:00
Lab Sample ID: J7H1496-02	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 524.2, Rv 4.1							
Benzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Bromobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Bromochloromethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Bromodichloromethane	<0.50		0.50	ug/L			08/21/17 1741
Bromoform	<0.50		0.50	ug/L			08/21/17 1741
Bromomethane	<0.50		0.50	ug/L			08/21/17 1741
tert-Butylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
sec-Butylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
n-Butylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Carbon tetrachloride	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Chlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Chloroethane (Ethyl chloride)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Chloroform	<0.50		0.50	ug/L			08/21/17 1741
Chloromethane	<0.50		0.50	ug/L			08/21/17 1741
2-Chlorotoluene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
4-Chlorotoluene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Dibromochloromethane	<0.50		0.50	ug/L			08/21/17 1741
Dibromomethane (Methylene bromide)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,4-Dichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2-Dichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,3-Dichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Dichlorodifluoromethane (Freon-12)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2-Dichloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1-Dichloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
trans-1,2-Dichloroethene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
cis-1,2-Dichloroethene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1-Dichloroethene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,3-Dichloropropane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
2,2-Dichloropropane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2-Dichloropropane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1-Dichloropropene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
trans-1,3-Dichloropropene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
cis-1,3-Dichloropropene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Ethylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Hexachlorobutadiene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Isopropylbenzene (Cumene)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
4-Isopropyltoluene (p-Isopropyltoluene)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Methyl tert-butyl ether (MTBE)	<0.50	10 NYVOA	0.50	ug/L			08/21/17 1741
Methylene chloride (Dichloromethane)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Naphthalene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
n-Propylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741

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Lab Sample ID: J7H1496-02	

Volatile Organic Compounds - GC/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 524.2, Rv 4.1							
Styrene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1,1,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1,2,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Tetrachloroethene	0.97	5 NYVOA	0.50	ug/L			08/21/17 1741
Toluene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Trichloroethene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Trichlorofluoromethane (Freon 11)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Vinyl chloride	<0.50	2 NYVOA	0.50	ug/L			08/21/17 1741
m,p-Xylene	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
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Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			08/21/17 1741
Surrogate: 4-Bromofluorobenzene	97.2		Limit: 70-130	% Rec			08/21/17 1741
Surrogate: 1,2-Dichlorobenzene-d4	94.7		Limit: 70-130	% Rec			08/21/17 1741