



Microbac Laboratories, Inc., Sayre Division
CERTIFICATE OF ANALYSIS

S0A0300

Elmira Water Board

Project Name: NY Drinking Water

Rose Martino
 One Fountain Drive
 Elmira, NY 14905

Project / PO Number: N/A
 Received: 01/28/2020
 Reported: 02/17/2020

Analytical Testing Parameters

Client Sample ID:	Foster Island #40	Collected By:	Rose Martino
Sample Matrix:	Drinking Water	Collection Date:	01/27/2020 10:21
Lab Sample ID:	S0A0300-01		

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 524.2, Rv 4.1								
Benzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Bromobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Bromochloromethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Bromodichloromethane	<0.50		0.50	ug/L			01/30/20 2117	RSD
Bromoform	<0.50		0.50	ug/L			01/30/20 2117	RSD
Bromomethane	<0.50		0.50	ug/L			01/30/20 2117	RSD
tert-Butylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
sec-Butylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
n-Butylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Carbon tetrachloride	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Chlorobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Chloroethane (Ethyl chloride)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Chloroform	<0.50		0.50	ug/L			01/30/20 2117	RSD
Chloromethane	<0.50		0.50	ug/L			01/30/20 2117	RSD
2-Chlorotoluene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
4-Chlorotoluene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Dibromochloromethane	<0.50		0.50	ug/L			01/30/20 2117	RSD
Dibromomethane (Methylene bromide)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,4-Dichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2-Dichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,3-Dichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Dichlorodifluoromethane (Freon-12)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2-Dichloroethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1-Dichloroethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
trans-1,2-Dichloroethene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
cis-1,2-Dichloroethene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1-Dichloroethene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,3-Dichloropropane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
2,2-Dichloropropane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2-Dichloropropane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1-Dichloropropene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
trans-1,3-Dichloropropene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
cis-1,3-Dichloropropene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Ethylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Hexachlorobutadiene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD

Microbac Laboratories, Inc.



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Lab Sample ID: S0A0300-01	

Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Isopropylbenzene (Cumene)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
4-Isopropyltoluene (p-Isopropyltoluene)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Methyl tert-butyl ether (MTBE)	<0.50	10 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Methylene chloride (Dichloromethane)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Naphthalene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
n-Propylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Styrene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1,1,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1,1,2,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Tetrachloroethene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Toluene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Trichloroethene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Trichlorofluoromethane (Freon 11)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Vinyl chloride	<0.50	2 NYVOA	0.50	ug/L			01/30/20 2117	RSD
m,p-Xylene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
o-Xylene	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			01/30/20 2117	RSD
Surrogate: 4-Bromofluorobenzene	75.2	Limit: 70-130		% Rec			01/30/20 2117	RSD
Surrogate: 1,2-Dichlorobenzene-d4	81.2	Limit: 70-130		% Rec			01/30/20 2117	RSD