



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S2F0391

Elmira Water Board

Project Name: NY Drinking Water

Rose Martino  
One Fountain Drive  
Elmira, NY 14905

Project / PO Number: N/A  
Received: 06/22/2022  
Reported: 07/13/2022

Analytical Testing Parameters

Client Sample ID:	Filter Plant Entry Point	Collected By:	Rose Martino
Sample Matrix:	Drinking Water	Collection Date:	06/21/2022 7:20
Lab Sample ID:	S2F0391-01		

Analyses Performed by: Microbac Laboratories, Inc., Pittston Division

Volatil Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 524.2, Rv. 4.1 (1995)</b>								
Benzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Bromobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Bromochloromethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
n-Butylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
tert-Butylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
sec-Butylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L	CCb		06/30/22 1943	RJH
Carbon tetrachloride	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Chlorobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Chloroethane (Ethyl chloride)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
2-Chlorotoluene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
4-Chlorotoluene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
Dibromomethane (Methylene bromide)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,2-Dichlorobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,4-Dichlorobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,3-Dichlorobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Dichlorodifluoromethane (Freon-12)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
1,1-Dichloroethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,2-Dichloroethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,1-Dichloroethene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
cis-1,2-Dichloroethene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
trans-1,2-Dichloroethene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH



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<b>Lab Sample ID:</b> S2F0391-01	

Volatiles Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
2,2-Dichloropropane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,2-Dichloropropane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,3-Dichloropropane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
cis-1,3-Dichloropropene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
trans-1,3-Dichloropropene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,1-Dichloropropene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Ethylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
Hexachlorobutadiene	<0.000500	0.005 NYVOA	0.000500	mg/L	<b>CCb</b>		06/30/22 1943	RJH
Isopropylbenzene (Cumene)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
4-Isopropyltoluene (p-Isopropyltoluene)	<0.000500	0.005 NYVOA	0.000500	mg/L	<b>CCb</b>		06/30/22 1943	RJH
Methyl bromide (Bromomethane)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Methyl tert-butyl ether (MTBE)	<0.000500	0.01 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Methyl chloride (Chloromethane)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Methylene chloride (Dichloromethane)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Naphthalene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
n-Propylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/30/22 1943	RJH
Styrene	<0.000500	0.005 NYVOA	0.000500	mg/L	<b>CCb</b>		06/30/22 1943	RJH
1,1,2,2-Tetrachloroethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,1,1,2-Tetrachloroethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Tetrachloroethene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Toluene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,2,4-Trichlorobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,2,3-Trichlorobenzene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,1,2-Trichloroethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,1,1-Trichloroethane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Trichloroethene	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
Trichlorofluoromethane (Freon 11)	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH



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Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
1,2,3-Trichloropropane	<0.000500	0.005 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
1,3,5-Trimethylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L	CCb		06/30/22 1943	RJH
1,2,4-Trimethylbenzene	<0.000500	0.005 NYVOA	0.000500	mg/L	CCb		06/30/22 1943	RJH
Vinyl chloride	<0.000500	0.002 NYVOA	0.000500	mg/L			06/29/22 1827	RJH
m,p-Xylene	<0.00100	0.005 NYVOA	0.00100	mg/L	CCb,Y		06/30/22 1943	RJH
o-Xylene	<0.000500	0.005 NYVOA	0.000500	mg/L	Y		06/30/22 1943	RJH
Xylenes (total)	<0.00150	0.005 NYVOA	0.00150	mg/L			06/30/22 1943	RJH
Surrogate: 4-Bromofluorobenzene	89.0	Limit: 70-130		% Rec			06/30/22 1943	RJH
Surrogate: 4-Bromofluorobenzene	88.6	Limit: 70-130		% Rec			06/29/22 1827	RJH
Surrogate: 1,2-Dichlorobenzene-d4	103	Limit: 70-130		% Rec			06/30/22 1943	RJH
Surrogate: 1,2-Dichlorobenzene-d4	96.4	Limit: 70-130		% Rec			06/29/22 1827	RJH