



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3E0264

Elmira Water Board

Project Name: VOC - Filter Plant

Kaden Cole
One Fountain DR
Elmira, NY 14905

Project / PO Number: N/A
Received: 05/05/2023
Reported: 05/16/2023

Analytical Testing Parameters

Client Sample ID: Filter Plant
Sample Matrix: Drinking Water
Lab Sample ID: S3E0264-01

Collected By: Kaden Cole
Collection Date: 05/04/2023 11:27

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Volatile Organic Compounds by GCMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Rows include various compounds like Benzene, Bromobenzene, etc., with their respective results and limits.



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Client Sample ID: Filter Plant
 Sample Matrix: Drinking Water
 Lab Sample ID: S3E0264-01

Collected By: Kaden Cole
 Collection Date: 05/04/2023 11:27

Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Isopropylbenzene (Cumene)	<0.50		0.50	ug/L			05/10/23 1646	IMM
4-Isopropyltoluene (p-Isopropyltoluene)	<0.50		0.50	ug/L			05/10/23 1646	IMM
Methyl tert-butyl ether (MTBE)	<0.50		0.50	ug/L			05/10/23 1646	IMM
Methylene chloride (Dichloromethane)	<0.50	5 MCL	0.50	ug/L			05/10/23 1646	IMM
Naphthalene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
n-Propylbenzene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Styrene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,1,1,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,1,2,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Tetrachloroethene	<0.50	5 MCL	0.50	ug/L			05/10/23 1646	IMM
Toluene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Trichloroethene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Trichlorofluoromethane (Freon 11)	<0.50		0.50	ug/L			05/10/23 1646	IMM
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Vinyl chloride	<0.50	2 NYVOA	0.50	ug/L			05/10/23 1646	IMM
m,p-Xylene	<0.50		0.50	ug/L			05/10/23 1646	IMM
o-Xylene	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			05/10/23 1646	IMM
Surrogate: 4-Bromofluorobenzene	88.0	Limit: 70-130		% Rec			05/10/23 1646	IMM
Surrogate: 1,2-Dichlorobenzene-d4	100	Limit: 70-130		% Rec			05/10/23 1646	IMM



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3E0264

Client Sample ID: Trip Blank
Sample Matrix: Drinking Water
Lab Sample ID: S3E0264-02

Collection Date: 05/04/2023 11:27

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Volatile Organic Compounds by GCMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Rows include various compounds like Benzene, Bromobenzene, etc., with their respective results and limits.



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3E0264

Client Sample ID: Trip Blank	Collection Date: 05/04/2023 11:27
Sample Matrix: Drinking Water	
Lab Sample ID: S3E0264-02	

Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,1,2,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
Tetrachloroethene	<0.50	5 MCL	0.50	ug/L			05/11/23 1353	IMM
Toluene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
Trichloroethene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
Trichlorofluoromethane (Freon 11)	<0.50		0.50	ug/L			05/11/23 1353	IMM
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
Vinyl chloride	<0.50	2 NYVOA	0.50	ug/L			05/11/23 1353	IMM
m,p-Xylene	<0.50		0.50	ug/L			05/11/23 1353	IMM
o-Xylene	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			05/11/23 1353	IMM
Surrogate: 4-Bromofluorobenzene	87.0	Limit: 70-130		% Rec			05/11/23 1353	IMM
Surrogate: 1,2-Dichlorobenzene-d4	94.2	Limit: 70-130		% Rec			05/11/23 1353	IMM

Results in bold have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

- MCL:** US EPA Maximum Contaminant Level
- NYVOA:** New York DOH Part 5 Public Water System MCLs
- RL:** Reporting Limit
- ug/L:** Micrograms per Liter

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
11549

New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <<https://www.microbac.com/standard-terms-conditions>>.

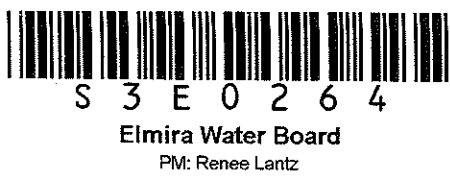
Reviewed and Approved By:

Renee Lantz
Customer Relationship Specialist
Reported: 05/16/2023 22:04

CHAIN OF CUSTODY

MNY Workorder #

Client Information		Billing/Invoice:		Analysis Requested		Receiving Info (Lab Use Only)	
Name:	Elmira Water Board					Ice:	YES NO
Address:	1 Fountain Dr Elmira NY 14905					Cooler:	YES NO
City/State:	Elmira, NY					Sample Temp:	4.3
Phone:	(607) 732-2277					cooler Seal:	YES NO
Project:						Pickup:	YES NO
Quote ID:		PO#:				Dropoff:	C W
Rush TAT Bus. Days:	<2 2-5 5-7 7-10	Date Req.:				Accepted?	YES NO
Release to DOH:	Yes						
Email Results:	Yes						
Fax Results:	Yes						
Sample Information		Matrix		Number of Containers for Analysis Requested		Cont	
Description/Location	Date	Time	Initial	Type			
1	VOC/Filter Plant	5/4/23	11:27	KC			
2							
3							
4							
5							
6							
7							
8							
Print Name and Company		Signature		Date/Time		Comments	
Sampled:	Kadea Cole Elmira Water Board				1150	***PLACE ALL SAMPLES IN BAGS WITH ICE.***	
Received:	E.T. T...				5:52:23		
Received:	J. PALANZA				5/5/2023 12:20		
Received:							
Received:							
Received:							



Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory. By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with this action.