



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3F0599

Elmira Water Board

Project Name: VOC

Kaden Cole
One Fountain DR
Elmira, NY 14905

Project / PO Number: N/A
Received: 06/28/2023
Reported: 07/21/2023

Analytical Testing Parameters

Client Sample ID: Sullivan Well 2 - Raw
Sample Matrix: Drinking Water
Lab Sample ID: S3F0599-01

Collected By: Kaden Cole
Collection Date: 06/27/2023 8:15

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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<b>Client Sample ID:</b> Sullivan Well 2 - Raw	<b>Collected By:</b> Kaden Cole
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 06/27/2023 8:15
<b>Lab Sample ID:</b> S3F0599-01	

Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Isopropylbenzene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
4-Isopropyltoluene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Methyl tert-butyl ether	<0.50	10 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Methylene chloride	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Naphthalene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
n-Propylbenzene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Styrene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,1,1,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,1,2,2-Tetrachloroethane	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Tetrachloroethylene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Toluene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Trichloroethene	<b>14.2</b>	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Trichlorofluoromethane	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Vinyl chloride	<0.50	2 NYVOA	0.50	ug/L			07/03/23 1410	IMM
m&p-xylene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
o-Xylene	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			07/03/23 1410	IMM
Surrogate: 4-Bromofluorobenzene	90.2	Limit: 70-130		% Rec			07/03/23 1410	IMM
Surrogate: 1,2-Dichlorobenzene-d4	87.2	Limit: 70-130		% Rec			07/03/23 1410	IMM



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3F0599

Client Sample ID: Sullivan Well 2 - Raw ( Trip Blank)

Sample Matrix: Drinking Water

Lab Sample ID: S3F0599-02

Collected By: Kaden Cole

Collection Date: 06/27/2023 8:15

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Table with columns: Volatile Organic Compounds by GCMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Includes method EPA 524.2, Rv. 4.1 (1995) and lists various compounds like Benzene, Bromobenzene, etc.



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S3F0599

<b>Client Sample ID:</b> Sullivan Well 2 - Raw ( Trip Blank)	<b>Collected By:</b> Kaden Cole
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 06/27/2023 8:15
<b>Lab Sample ID:</b> S3F0599-02	

Volatile Organic Compounds by GCMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Tetrachloroethylene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
Toluene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,2,4-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,2,3-Trichlorobenzene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,1,1-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,1,2-Trichloroethane	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
Trichloroethene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
Trichlorofluoromethane	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,2,3-Trichloropropane	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,2,4-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
1,3,5-Trimethylbenzene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
m&p-xylene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
o-Xylene	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
Xylenes (total)	<0.50	5 NYVOA	0.50	ug/L			07/06/23 1922	IMM
Surrogate: 4-Bromofluorobenzene	94.8	Limit: 70-130		% Rec			07/06/23 1922	IMM
Surrogate: 1,2-Dichlorobenzene-d4	96.2	Limit: 70-130		% Rec			07/06/23 1922	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: 07/21/2023 23:14

# CHAIN OF CUSTODY

MNY Workorder # \_\_\_\_\_

Client Information		Billing/Invoice:	Analysis Requested					Receiving Info (Lab Use Only)	
Name: <u>Elmira Water Board</u>			VOC					Ice: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Address: <u>1 Fountain Dr, Elmira NY 14905</u>								Cooler: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Contact: <u>Kaden Cole</u>								Sample Temp: <u>1.8</u>	
Phone: <u>(607)-732-2277</u>								Cooler Seal: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Project:								Pickup: <input type="checkbox"/> YES <input type="checkbox"/> NO	
Quote ID:	PO#:							Dropoff: <input type="checkbox"/> C <input type="checkbox"/> W	
Rush TAT Bus. Days: <input type="checkbox"/> <2 <input type="checkbox"/> 2-5 <input type="checkbox"/> 5-7 <input type="checkbox"/> 7-10		Date Req.:						Accepted? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Release to DOH: Yes <input type="checkbox"/>								Container Material	
Email Results: Yes <input type="checkbox"/>			Container Size (in MI)						
Fax Results: Yes <input type="checkbox"/>			Preservative						

Sample Information				Matrix	Number of Containers for Analysis Requested					Comments/Field Data
Description/Location	Date	Time	Initial	Type						
1 Sullivan Well 2 / Row / VOC	6/27/23	8:15	KC							
2										
3										
4										
5										
6										
7										
8										



Print Name and Company	Signature	Date/Time	Comments
Sampled: <u>Kaden Cole Elmira Water Board</u>	<u>Kaden Cole</u>	<u>7/4</u>	***PLACE ALL SAMPLES IN BAGS WITH ICE.***  <div style="font-size: 2em; text-align: center;">IR#10</div>
Received: <u>ET Timon</u>	<u>[Signature]</u>	<u>6-28-23</u>	
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.*