



Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S6E0518

Village of Endicott WWTP

Project Name: Quarterly EPA 624

Philip Grayson
1009 East Main Street
Endicott, NY 13760

Project / PO Number: N/A
Received: 05/10/2016 15:45
Reported: 05/16/2016 10:10

Analytical Testing Parameters

Client Sample ID: SPW 051016G
Lab Sample ID: S6E0518-01
Sample Type: Grab

Collected By: DK-Client
Collection Date: 05/10/16
Collection Time: 07:22

Volatile Organic Compounds - GC/MS	Result	MDL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 624								
Benzene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Bromodichloromethane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Bromoform	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Carbon tetrachloride	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Chlorobenzene	1.95		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Chloroform	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Dibromochloromethane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,3-Dichlorobenzene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,4-Dichlorobenzene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,2-Dichlorobenzene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,2-Dichloroethane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,1-Dichloroethane	2.33		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
cis-1,2-Dichloroethene	18.2		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,1-Dichloroethene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,2-Dichloropropane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Ethylbenzene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Methyl tert-butyl ether (MTBE)	<20.0		20.0	ug/L	Y	05/11/16 1955	05/11/16 1955	SAY
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Tetrachloroethene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Toluene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,1,2-Trichloroethane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
1,1,1-Trichloroethane	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Trichloroethene	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Vinyl chloride	14.4		1.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
o-Xylene	<1.00		1.00	ug/L	Y	05/11/16 1955	05/11/16 1955	SAY
m,p-Xylene	<2.00		2.00	ug/L	Y	05/11/16 1955	05/11/16 1955	SAY
Xylenes (total)	<3.00		3.00	ug/L		05/11/16 1955	05/11/16 1955	SAY
Surrogate: 4-Bromofluorobenzene	103		Limit: 68-124	% Rec		05/11/16 1955	05/11/16 1955	SAY
Surrogate: 1,2-Dichloroethane-d4	124		Limit: 71-151	% Rec		05/11/16 1955	05/11/16 1955	SAY

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Page 1 of 5



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Analytical Testing Parameters

Client Sample ID: SPW 051016G
Lab Sample ID: S6E0518-01
Sample Type: Grab

Collected By: DK-Client
Collection Date: 05/10/16
Collection Time: 07:22

Volatile Organic Compounds - GC/MS	Result	MDL	PQL	Units	Note	Prepared	Analyzed	Lab
Surrogate: Toluene-d8	104		Limit: 74-134	% Rec		05/11/16 1955	05/11/16 1955	SAY



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CERTIFICATE OF ANALYSIS

S6E0518

Analytical Testing Parameters

Client Sample ID: EFF 051016G
Lab Sample ID: S6E0518-02
Sample Type: Grab

Collected By: DK-Client
Collection Date: 05/10/16
Collection Time: 08:01

Volatile Organic Compounds - GC/MS	Result	MDL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 624								
Benzene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Bromodichloromethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Bromoform	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Carbon tetrachloride	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Chlorobenzene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Chloroethane (Ethyl chloride)	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Chloroform	1.12		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Dibromochloromethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,3-Dichlorobenzene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,4-Dichlorobenzene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,2-Dichlorobenzene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Dichlorodifluoromethane (Freon-12)	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,2-Dichloroethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,1-Dichloroethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
cis-1,2-Dichloroethene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,1-Dichloroethene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
trans-1,2-Dichloroethene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,2-Dichloropropane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
trans-1,3-Dichloropropene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
cis-1,3-Dichloropropene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Ethylbenzene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Methyl bromide (Bromomethane)	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Methyl tert-butyl ether (MTBE)	<20.0		20.0	ug/L	Y	05/11/16 2026	05/11/16 2026	SAY
Methyl chloride (Chloromethane)	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Methylene chloride (Dichloromethane)	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,1,2,2-Tetrachloroethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Tetrachloroethene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Toluene	1.47		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,1,2-Trichloroethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
1,1,1-Trichloroethane	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Trichloroethene	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Trichlorofluoromethane (Freon 11)	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Vinyl chloride	<1.00		1.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
o-Xylene	<1.00		1.00	ug/L	Y	05/11/16 2026	05/11/16 2026	SAY
m,p-Xylene	<2.00		2.00	ug/L	Y	05/11/16 2026	05/11/16 2026	SAY
Xylenes (total)	<3.00		3.00	ug/L		05/11/16 2026	05/11/16 2026	SAY
Surrogate: 4-Bromofluorobenzene	102		Limit: 68-124	% Rec		05/11/16 2026	05/11/16 2026	SAY
Surrogate: 1,2-Dichloroethane-d4	122		Limit: 71-151	% Rec		05/11/16 2026	05/11/16 2026	SAY
Surrogate: Toluene-d8	104		Limit: 74-134	% Rec		05/11/16 2026	05/11/16 2026	SAY

Laboratory

SAY: Microbac Laboratories, Inc., Sayre Division

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Page 3 of 5



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Definitions

PQL: Practical Quantitation Limit
Y: This analyte is not on the laboratory's current scope of accreditation.

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 6.4°C

Cooler Inspection Checklist

Custody Seals Intact and/or No Evidence of Tampering	Yes	Containers Intact	Yes
COC/Labels Agree	Yes	Preservation Correct (or not required)	Yes
Received on Ice (or not required)	Yes		

Project Requested Certification(s)

Microbac Laboratories, Inc., Sayre Division
NY Lab ID No.: 11216

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.

Reviewed and Approved By:

Theresa Fenstermaker
Project Manager
05/16/2016 10:10

Go Green: Contact Theresa Fenstermaker to set up email reporting and invoicing options.

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. For any feedback concerning our services, please contact Theresa Fenstermaker, Project Manager at Theresa.Fenstermaker@microbac.com. You may also contact Michael Fifield, Managing Director at michael.fifield@microbac.com or Robert Crookston, President at robert.crookston@microbac.com.

