



March 19, 2026

HBMWD - Humboldt Routine  
 7270 West End Road  
 Arcata, CA 95521-9279

Attn:

Order No. 2603261  
 Invoice No. 187380  
 PO No.  
 ELAP No. 1247  
 ELAP Exp. July 2026

RE:

**SAMPLE IDENTIFICATION**

Fraction	Client Sample Description
01A	3
02A	4
03A	2
04A	1

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

**Approved for release by:**

*Brett Soutiere*

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 Brett Soutiere, Client Services Manager

**Date:** 19-Mar-2026  
**WorkOrder:** 2603261

## CASE NARRATIVE

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Sample(s) received outside the EPA recommended temperature of less than or equal to 6 °C. Sample(s) received on ice.

Date: 19-Mar-2026

WorkOrder: 2603261

**ANALYTICAL REPORT**

Client Sample ID: 3

Lab ID: 2603261-01A

Received: 03/13/2026

Collected: 03/12/2026 14:10

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Prepared</u>	<u>Analyzed</u>
Toluene	ND		0.50	µg/L	1.0	N/A	03/15/2026 09:58
Surrogate: 1,2-Dichloroethane-d4	113		80-120	% Rec	1.0	N/A	03/15/2026 09:58
Surrogate: Dibromofluoromethane	106		80-120	% Rec	1.0	N/A	03/15/2026 09:58
Surrogate: Toluene-d8	94.0		80-120	% Rec	1.0	N/A	03/15/2026 09:58

Client Sample ID: 4

Lab ID: 2603261-02A

Received: 03/13/2026

Collected: 03/12/2026 14:30

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Prepared</u>	<u>Analyzed</u>
Toluene	ND		0.50	µg/L	1.0	N/A	03/15/2026 10:25
Surrogate: 1,2-Dichloroethane-d4	110		80-120	% Rec	1.0	N/A	03/15/2026 10:25
Surrogate: Dibromofluoromethane	105		80-120	% Rec	1.0	N/A	03/15/2026 10:25
Surrogate: Toluene-d8	103		80-120	% Rec	1.0	N/A	03/15/2026 10:25

Client Sample ID: 2

Lab ID: 2603261-03A

Received: 03/13/2026

Collected: 03/12/2026 14:10

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Prepared</u>	<u>Analyzed</u>
Toluene	ND		0.50	µg/L	1.0	N/A	03/15/2026 10:51
Surrogate: 1,2-Dichloroethane-d4	109		80-120	% Rec	1.0	N/A	03/15/2026 10:51
Surrogate: Dibromofluoromethane	104		80-120	% Rec	1.0	N/A	03/15/2026 10:51
Surrogate: Toluene-d8	96.6		80-120	% Rec	1.0	N/A	03/15/2026 10:51

Client Sample ID: 1

Lab ID: 2603261-04A

Received: 03/13/2026

Collected: 03/13/2026 12:00

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Prepared</u>	<u>Analyzed</u>
Toluene	ND		0.50	µg/L	1.0	N/A	03/15/2026 11:18
Surrogate: 1,2-Dichloroethane-d4	110		80-120	% Rec	1.0	N/A	03/15/2026 11:18
Surrogate: Dibromofluoromethane	105		80-120	% Rec	1.0	N/A	03/15/2026 11:18
Surrogate: Toluene-d8	102		80-120	% Rec	1.0	N/A	03/15/2026 11:18

Microbac Laboratories, Inc. - Arcata

Date: 03/19/2026

**CLIENT:** HBMWD - Humboldt Routine**Work Order:** 2603261**Project:****QC SUMMARY REPORT**

Method Blank

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MB 031526</b>	Batch ID: <b>R125470</b>	Test Code: <b>8260EW</b>	Units: <b>µg/L</b>	Analysis Date: <b>03/15/2026 09:31</b>	Prep Date: <b>N/A</b>						
Client ID:	Run ID: <b>ORGCMS2_260315A</b>	SeqNo: <b>1855741</b>									
Toluene	ND	0.50									
Surrogate: 1,2-Dichloroethane-d4	1.11	0.10	1.00	0	111%	80	120	0			
Surrogate: Dibromofluoromethane	1.04	0.10	1.00	0	104%	80	120	0			
Surrogate: Toluene-d8	0.952	0.10	1.00	0	95.2%	80	120	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Microbac Laboratories, Inc. - Arcata

Date: 03/19/2026

CLIENT: HBMWD - Humboldt Routine

Work Order: 2603261

Project:

**QC SUMMARY REPORT**

Sample Matrix Spike

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	20.85	0.50	20.0	0	104%	80	120	0			
Surrogate: 1,2-Dichloroethane-d4	1.09	0.10	1.00	0	109%	80	120	0			
Surrogate: Dibromofluoromethane	1.03	0.10	1.00	0	103%	80	120	0			
Surrogate: Toluene-d8	0.992	0.10	1.00	0	99.2%	80	120	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## Microbac Laboratories, Inc. - Arcata

Date: 03/19/2026

CLIENT: HBMWD - Humboldt Routine

Work Order: 2603261

Project:

**QC SUMMARY REPORT**

Laboratory Control Spike

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:						
LCS-26041	R125470	8260EW	µg/L	03/15/2026 08:12	N/A						
Client ID:		Run ID:		SeqNo:							
		ORGCMS2_260315A		1855739							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	22.30	0.50	20.0	0	112%	80	120	0			
Surrogate: 1,2-Dichloroethane-d4	1.12	0.10	1.00	0	112%	80	120	0			
Surrogate: Dibromofluoromethane	1.10	0.10	1.00	0	110%	80	120	0			
Surrogate: Toluene-d8	0.958	0.10	1.00	0	95.8%	80	120	0			

Sample ID:	Batch ID:	Test Code:	Units:	Analysis Date:	Prep Date:						
LCSD-26041	R125470	8260EW	µg/L	03/15/2026 08:39	N/A						
Client ID:		Run ID:		SeqNo:							
		ORGCMS2_260315A		1855740							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	21.16	0.50	20.0	0	106%	80	120	22.3	5.3%	30	
Surrogate: 1,2-Dichloroethane-d4	1.13	0.10	1.00	0	113%	80	120	1.12	0.9%	30	
Surrogate: Dibromofluoromethane	1.11	0.10	1.00	0	111%	80	120	1.10	1.0%	30	
Surrogate: Toluene-d8	0.907	0.10	1.00	0	90.7%	80	120	0.958	5.5%	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**Login Checklist for workorder:** 2603261 by Katrina

3/13/2026 1:22:16 PM

- Is the Chain of Custody (COC) present, and all entries permanent and legible?  Yes  No
- Is the COC filled out with all pertinent information? (including system source #s)  Yes  No
- Is the COC signed and dated?  Yes  No
- Are sample temperature(s) recorded?  Yes  No  NA
- Are sample temperature(s) between 0 °C and 6 °C?  Yes  No  NA
- Are samples preserved and/or checked?  Yes  No  NA
- Are sample labels legible and consistent with the COC?  Yes  No
- Are appropriate sample containers used?  Yes  No
- For zero headspace samples (volatiles), are there bubbles pea-sized or larger (~1/4")?  Yes  No  NA
- Is there sufficient sample volume for all requested analyses, including MS/MSDs?  Yes  No
- Have the scientists been notified of any expiring or RUSH samples?  Yes  No  NA

**Samples Preserved at Lab?**  Yes  No

Preserved for:  COG  Tot PO4  AMM  TKN  TOC  
 O&G  Metals  531  608  Other:

Preservative:  H2SO4  H3PO  HCl  HNO3  
 MCAA  NaOH  Na2S2O  Other:

Final pH:  <2  <3  <4  <5  >=5 and <=9  <12  >=12

608 pH taken:  Yes  No Low pH Strips - Manf:  Cat:  Lot:

Res. CL present  Yes  No High pH Strips - Manf:  Cat:  Lot:

5-in-1 Strips - Manf:  Cat:  Lot:

**Login Review by** Amanda

3/13/2026 4:24:42 PM

- Are the Reporting addresses correct?  Yes  No  NA
- Is the date received correct?  Yes  No  NA
- Is the due date correct?  Yes  No  NA
- Is the Report To line correct?  Yes  No  NA
- Is the Order Name correct?  Yes  No  NA
- Is the Purchase Order Number (PO#) entered?  Yes  No  NA
- Do sample IDs match the COC?  Yes  No
- Do sample collection dates and times match the COC?  Yes  No  NA
- Are the correct tests and analytes logged in?  Yes  No
- If the sample temperature was > 6 °C, was "Temp" case narrative added?  Yes  No  NA
- If short HT tests have expired, was the appropriate case narrative added?  Yes  No  NA
- Does the pricing match the quote or contract or routine prices?  Yes  No  NA
- Are subcontract chains present?  Yes  No  NA
- Are the deliverables marked correctly on the folder? (SF, EDD, etc.)  Yes  No  NA

