



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 534042
Report Level : II
Report Date : 05/29/2025

Analytical Report *prepared for:*

David Watts
CTEH
5120 Northshore Drive
North Little Rock, AR 72118

Project: PROJ-054017 - Bishop Loss of Containment

Authorized for release by:

Richard Villafania, Project Manager
richard.villafania@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

David Watts	Lab Job #:	534042
CTEH	Project No:	PROJ-054017
5120 Northshore Drive	Location:	Bishop Loss of Containment
North Little Rock, AR	Date Received:	05/28/25
72118		

Sample ID	Lab ID	Collected	Matrix
GACO0527T129-1Q001	534042-001	05/27/25 10:45	Wipe
GACO0527T129-1FR001	534042-002	05/27/25 10:54	Wipe
GACO0527T129-1R001	534042-003	05/27/25 14:02	Wipe

Case Narrative

CTEH
5120 Northshore Drive
North Little Rock, AR 72118
David Watts

Lab Job Number: 534042
Project No: PROJ-054017
Location: Bishop Loss of
Containment
Date Received: 05/28/25

TPH-Extractables by GC (EPA 8015M):

- This data package contains sample and QC results for three wipe samples, requested for the above referenced project on 05/28/25. See attached cooler receipt form for any sample receipt problems or discrepancies.
- No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

- This data package contains sample and QC results for three wipe samples, requested for the above referenced project on 05/28/25. See attached cooler receipt form for any sample receipt problems or discrepancies.
- No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- This data package contains sample and QC results for three wipe samples, requested for the above referenced project on 05/28/25. See attached cooler receipt form for any sample receipt problems or discrepancies.
- High recovery was observed for 1-methylnaphthalene in the BSD for batch 372421; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- High surrogate recovery was observed for nitrobenzene-d5 in the method blank for batch 372421; no target analytes were detected in the sample.
- High surrogate recovery was observed for 2-fluorobiphenyl in the method blank for batch 372421; no target analytes were detected in the sample.
- High surrogate recovery was observed for terphenyl-d14 in the method blank for batch 372421; no target analytes were detected in the sample.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL, INC.

931 W. Barkley Ave, Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - Orange
 c/o Montrose Environmental Group
 P.O. Box 741137, Los Angeles, CA 90074-1137



Chain of Custody Record

Lab No: 534042
 Page: 1 of 1

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: CTEH
 Report To: David Watts, Mason Baker
 Email: dwwatts@cteh.com incmulling@cteh.com Labresults@cteh.com
 Address: M.B. Labresults@cteh.com, Mbaker@cteh.com
 Address: 5120 Northshore Dr, North Little Rock, AR 72118
 Phone: 501-801-8500
 Fax:
 Name:
 Number: PROJ-054017
 P.O. #:
 Address:
 Global ID:
 Sampled By: Mason Baker

PROJECT INFORMATION

Bishop Loss of Containment
 PROJ-054017

Analysis Request

EPA 8015B M
 EPA 8260B
 EPA 8270C SIM

Test Instructions / Comments

~~0527
M.B.~~



Login 534042

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 GACO0527T129-1Q001	05-27-25	1045	WP	3	6
2 GACO0527T129-1FR001	05-27-25	1054	WP	3	6
3 GACO0527T129-1R001	05-27-25	1402	WP	3	6
4					
5					
6					
7					
8					
9					
10					

Gartrell - Siding on north side of house
 Field blank taken in Gartrell driveway
 Template blank

~~M.B.
0527~~

~~05.27
M.B.~~

Signature

M. Baker
 Fedex

Print Name

Mason Baker
 Fedex

Company / Title

CTEH
 Fedex

Date / Time

05.27.25 / 1530
 05.27.26 / 1530

1 Relinquished By: *M. Baker*
 1 Received By: *Fedex*
 2 Relinquished By: *[Signature]*
 2 Received By: *[Signature]*
 3 Relinquished By:
 3 Received By:
 5/28/25 0926

SAMPLE RECEIPT CHECKLIST


Section 1: General Info

 Date Received: 5/28/25 WO# 534042 Client: CTEH
Section 2: Shipping / Custody

 Are custody seals present? Yes No
 Custody seals intact on arrival? N/A Yes No On cooler / box On samples
 Courier Walk-In Field Sampling Shipping Info: _____

Section 3a: Condition / Packaging
 Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)
 Date Opened 5/28/25 By (initials) FPD Type of ice used: Wet Blue/Gel None

 Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

 Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

 If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

 Cooler Temp (°C) #1: 5-7 / 5-7 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples
 No microbiology samples submitted (skip 3b)

 Within temp range 0.0 - 10.0°C or received on ice directly from field.

 Adequate headspace for microbiology analysis.

Section 3c: Air Samples
 No air samples submitted (skip 3c)

 1.4L Canisters 6L Canisters Tedlar Bags MCE Cassettes Sorbent Tubes Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?			x

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

 No additional discrepancies

 Date Logged 5/27/25 By (print) MSK (sign)
 Date Labeled 5/28/25 By (print) FPD (sign)

ORIGIN ID:GXVA (501) 801-8500
CAROL CROSS
CTR/TOXICOLOGY ENVIRO HLTH
5120 NORTSHORE DR

NORTH LITTLE ROCK, AR 72118
UNITED STATES US

SHIP DATE: 27MAY25
ACTWGT: 46.05 LB
CAD: 6570284/ROSA2630
DIMS: 23x12x14 IN

BILL THIRD PARTY

TO **ENTHALPY ANALYTICAL INC**

931 W BARKLEY AVE

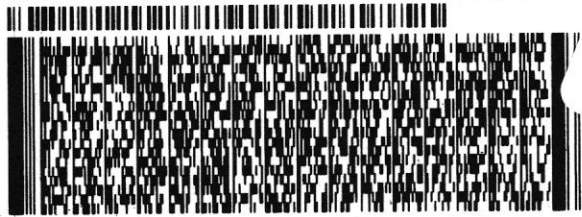
ORANGE CA 92868

(714) 771-6900

REF:

INW:
PO:

DEPT:



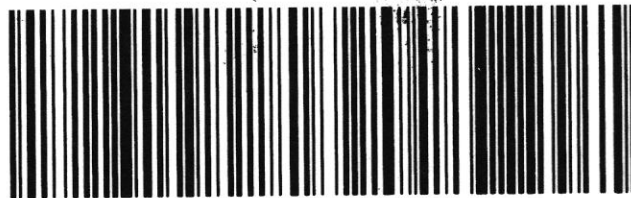
Part # 156297-4366
92868-1208-31
ORANGE CA
4944 WED 05/28 08:31
931 W BARKLEY AVE
PRIORITY OVERNIGHT
229-3566
ETP: 7
SP-PD:100:Y
881572912350
J2520256

TRK# 8815 7291 2350
0201

WED - 28 MAY 10:30A
PRIORITY OVERNIGHT

NW APVA

AHS
92868
CA-US SNA



Analysis Results for 534042

David Watts
 CTEH
 5120 Northshore Drive
 North Little Rock, AR 72118

Lab Job #: 534042
 Project No: PROJ-054017
 Location: Bishop Loss of Containment
 Date Received: 05/28/25

Sample ID: GACO0527T129-1Q001 Lab ID: 534042-001 Collected: 05/27/25 10:45
Matrix: Wipe

534042-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M Prep Method: EPA 3580M									
GRO C6-C10	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
DRO C10-C28	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
ORO C28-C44	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
Surrogates				Limits					
n-Triacontane	106%		%REC	70-130	10	372417	05/28/25	05/28/25	DIB
Method: EPA 8260B Prep Method: EPA 5030B									
Benzene	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
Toluene	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
Ethylbenzene	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
m,p-Xylenes	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
o-Xylene	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
1,3,5-Trimethylbenzene	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
1,2,4-Trimethylbenzene	ND		ug/s	1.3	50	372449	05/28/25	05/28/25	ZST
Xylene (total)	ND		ug/s	2.5	50	372449	05/28/25	05/28/25	ZST
Surrogates				Limits					
Dibromofluoromethane	91%		%REC	70-130	50	372449	05/28/25	05/28/25	ZST
1,2-Dichloroethane-d4	89%		%REC	70-130	50	372449	05/28/25	05/28/25	ZST
Toluene-d8	102%		%REC	70-130	50	372449	05/28/25	05/28/25	ZST
Bromofluorobenzene	100%		%REC	70-130	50	372449	05/28/25	05/28/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3580M									
Acenaphthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Chrysene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Fluorene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
1-Methylnaphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Naphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Surrogates				Limits					
Nitrobenzene-d5	87%		%REC	40-120	10	372421	05/28/25	05/29/25	ZFA
2-Fluorobiphenyl	85%		%REC	46-120	10	372421	05/28/25	05/29/25	ZFA
Terphenyl-d14	83%		%REC	43-120	10	372421	05/28/25	05/29/25	ZFA

Analysis Results for 534042

534042-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
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Analysis Results for 534042

Sample ID: GACO0527T129-1FR001	Lab ID: 534042-002	Collected: 05/27/25 10:54
Matrix: Wipe		

534042-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M									
Prep Method: EPA 3580M									
GRO C6-C10	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
DRO C10-C28	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
ORO C28-C44	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
Surrogates				Limits					
n-Triacontane	105%		%REC	70-130	10	372417	05/28/25	05/28/25	DIB
Method: EPA 8260B									
Prep Method: EPA 5030B									
Benzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
Toluene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
Ethylbenzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
m,p-Xylenes	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
o-Xylene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
1,3,5-Trimethylbenzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
1,2,4-Trimethylbenzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
Xylene (total)	ND		ug/s	5.0	100	372449	05/28/25	05/28/25	ZST
Surrogates				Limits					
Dibromofluoromethane	93%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
1,2-Dichloroethane-d4	91%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
Toluene-d8	103%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
Bromofluorobenzene	101%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
Method: EPA 8270C-SIM									
Prep Method: EPA 3580M									
Acenaphthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Chrysene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Fluorene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
1-Methylnaphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Naphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Surrogates				Limits					
Nitrobenzene-d5	81%		%REC	40-120	10	372421	05/28/25	05/29/25	ZFA
2-Fluorobiphenyl	75%		%REC	46-120	10	372421	05/28/25	05/29/25	ZFA
Terphenyl-d14	74%		%REC	43-120	10	372421	05/28/25	05/29/25	ZFA

Analysis Results for 534042

Sample ID: GACO0527T129-1R001	Lab ID: 534042-003	Collected: 05/27/25 14:02
Matrix: Wipe		

534042-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015M									
Prep Method: EPA 3580M									
GRO C6-C10	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
DRO C10-C28	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
ORO C28-C44	ND		mg/s	1.0	10	372417	05/28/25	05/28/25	DIB
Surrogates	Limits								
n-Triacontane	94%		%REC	70-130	10	372417	05/28/25	05/28/25	DIB
Method: EPA 8260B									
Prep Method: EPA 5030B									
Benzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
Toluene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
Ethylbenzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
m,p-Xylenes	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
o-Xylene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
1,3,5-Trimethylbenzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
1,2,4-Trimethylbenzene	ND		ug/s	2.5	100	372449	05/28/25	05/28/25	ZST
Xylene (total)	ND		ug/s	5.0	100	372449	05/28/25	05/28/25	ZST
Surrogates	Limits								
Dibromofluoromethane	94%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
1,2-Dichloroethane-d4	94%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
Toluene-d8	102%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
Bromofluorobenzene	99%		%REC	70-130	100	372449	05/28/25	05/28/25	ZST
Method: EPA 8270C-SIM									
Prep Method: EPA 3580M									
Acenaphthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(a)anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(b)fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(k)fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Benzo(a)pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Chrysene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Dibenz(a,h)anthracene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Fluoranthene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Fluorene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
1-Methylnaphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
2-Methylnaphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Naphthalene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Pyrene	ND		ug/s	2.0	10	372421	05/28/25	05/29/25	ZFA
Surrogates	Limits								
Nitrobenzene-d5	88%		%REC	40-120	10	372421	05/28/25	05/29/25	ZFA
2-Fluorobiphenyl	85%		%REC	46-120	10	372421	05/28/25	05/29/25	ZFA
Terphenyl-d14	82%		%REC	43-120	10	372421	05/28/25	05/29/25	ZFA

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1261066	Batch: 372417
Matrix: Wipe	Method: EPA 8015M	Prep Method: EPA 3580M

QC1261066 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/s	1.0	05/28/25	05/28/25
DRO C10-C28	ND		mg/s	1.0	05/28/25	05/28/25
ORO C28-C44	ND		mg/s	1.0	05/28/25	05/28/25
Surrogates				Limits		
n-Triacontane	104%		%REC	70-130	05/28/25	05/28/25

Type: Lab Control Sample	Lab ID: QC1261067	Batch: 372417
Matrix: Wipe	Method: EPA 8015M	Prep Method: EPA 3580M

QC1261067 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	4.993	5.000	mg/s	100%		76-122
Surrogates						
n-Triacontane	0.2194	0.2000	mg/s	110%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1261068	Batch: 372417
Matrix: Wipe	Method: EPA 8015M	Prep Method: EPA 3580M

QC1261068 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28	5.043	5.000	mg/s	101%		76-122	1	20
Surrogates								
n-Triacontane	0.2313	0.2000	mg/s	116%		70-130		

Type: Lab Control Sample	Lab ID: QC1261111	Batch: 372449
Matrix: Wipe	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261111 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Benzene	0.1013	0.1000	ug/s	101%		70-130
Toluene	0.1070	0.1000	ug/s	107%		70-130
Ethylbenzene	0.1086	0.1000	ug/s	109%		80-120
m,p-Xylenes	0.2055	0.2000	ug/s	103%		80-123
o-Xylene	0.09644	0.1000	ug/s	96%		80-120
1,3,5-Trimethylbenzene	0.1032	0.1000	ug/s	103%		80-132
1,2,4-Trimethylbenzene	0.1022	0.1000	ug/s	102%		80-125
Surrogates						
Dibromofluoromethane	0.2463	0.2500	ug/s	99%		70-130
1,2-Dichloroethane-d4	0.2331	0.2500	ug/s	93%		70-130
Toluene-d8	0.2517	0.2500	ug/s	101%		70-130
Bromofluorobenzene	0.2481	0.2500	ug/s	99%		70-130

Batch QC

Type: Blank	Lab ID: QC1261112	Batch: 372449
Matrix: Wipe	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261112 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Benzene	ND		ug/s	1.3	05/28/25	05/28/25
Toluene	ND		ug/s	1.3	05/28/25	05/28/25
Ethylbenzene	ND		ug/s	1.3	05/28/25	05/28/25
m,p-Xylenes	ND		ug/s	1.3	05/28/25	05/28/25
o-Xylene	ND		ug/s	1.3	05/28/25	05/28/25
1,3,5-Trimethylbenzene	ND		ug/s	1.3	05/28/25	05/28/25
1,2,4-Trimethylbenzene	ND		ug/s	1.3	05/28/25	05/28/25
Xylene (total)	ND		ug/s	2.5	05/28/25	05/28/25
Surrogates	Limits					
Dibromofluoromethane	88%		%REC	70-130	05/28/25	05/28/25
1,2-Dichloroethane-d4	89%		%REC	70-130	05/28/25	05/28/25
Toluene-d8	103%		%REC	70-130	05/28/25	05/28/25
Bromofluorobenzene	105%		%REC	70-130	05/28/25	05/28/25

Type: Matrix Spike	Lab ID: QC1261113	Batch: 372449
Matrix (Source ID): Wipe (534043-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Benzene	8.520	ND	10.00	ug/s	85%		60-140	100
Toluene	9.281	ND	10.00	ug/s	93%		60-140	100
Ethylbenzene	9.354	ND	10.00	ug/s	94%		70-130	100
m,p-Xylenes	16.90	ND	20.00	ug/s	85%		70-133	100
o-Xylene	8.326	ND	10.00	ug/s	83%		70-130	100
1,3,5-Trimethylbenzene	9.107	ND	10.00	ug/s	91%		70-142	100
1,2,4-Trimethylbenzene	8.858	ND	10.00	ug/s	89%		70-135	100
Surrogates								
Dibromofluoromethane	22.69		25.00	ug/s	91%		70-130	100
1,2-Dichloroethane-d4	21.48		25.00	ug/s	86%		70-130	100
Toluene-d8	25.00		25.00	ug/s	100%		70-130	100
Bromofluorobenzene	24.67		25.00	ug/s	99%		70-130	100

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1261114	Batch: 372449
Matrix (Source ID): Wipe (534043-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1261114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Benzene	8.283	ND	10.00	ug/s	83%		60-140	3	30	100
Toluene	9.328	ND	10.00	ug/s	93%		60-140	1	30	100
Ethylbenzene	9.298	ND	10.00	ug/s	93%		70-130	1	30	100
m,p-Xylenes	17.73	ND	20.00	ug/s	89%		70-133	5	30	100
o-Xylene	8.347	ND	10.00	ug/s	83%		70-130	0	30	100
1,3,5-Trimethylbenzene	8.733	ND	10.00	ug/s	87%		70-142	4	39	100
1,2,4-Trimethylbenzene	8.795	ND	10.00	ug/s	88%		70-135	1	30	100
Surrogates										
Dibromofluoromethane	21.83		25.00	ug/s	87%		70-130			100
1,2-Dichloroethane-d4	21.71		25.00	ug/s	87%		70-130			100
Toluene-d8	24.90		25.00	ug/s	100%		70-130			100
Bromofluorobenzene	25.04		25.00	ug/s	100%		70-130			100

Type: Blank	Lab ID: QC1261080	Batch: 372421
Matrix: Wipe	Method: EPA 8270C-SIM	Prep Method: EPA 3580M

QC1261080 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Acenaphthene	ND		ug/s	2.0	05/28/25	05/29/25
Anthracene	ND		ug/s	2.0	05/28/25	05/29/25
Benzo(a)anthracene	ND		ug/s	2.0	05/28/25	05/29/25
Benzo(b)fluoranthene	ND		ug/s	2.0	05/28/25	05/29/25
Benzo(k)fluoranthene	ND		ug/s	2.0	05/28/25	05/29/25
Benzo(a)pyrene	ND		ug/s	2.0	05/28/25	05/29/25
Chrysene	ND		ug/s	2.0	05/28/25	05/29/25
Dibenz(a,h)anthracene	ND		ug/s	2.0	05/28/25	05/29/25
Fluoranthene	ND		ug/s	2.0	05/28/25	05/29/25
Fluorene	ND		ug/s	2.0	05/28/25	05/29/25
Indeno(1,2,3-cd)pyrene	ND		ug/s	2.0	05/28/25	05/29/25
1-Methylnaphthalene	ND		ug/s	2.0	05/28/25	05/29/25
2-Methylnaphthalene	ND		ug/s	2.0	05/28/25	05/29/25
Naphthalene	ND		ug/s	2.0	05/28/25	05/29/25
Pyrene	ND		ug/s	2.0	05/28/25	05/29/25
Surrogates				Limits		
Nitrobenzene-d5	135%	*	%REC	40-120	05/28/25	05/29/25
2-Fluorobiphenyl	130%	*	%REC	46-120	05/28/25	05/29/25
Terphenyl-d14	122%	*	%REC	43-120	05/28/25	05/29/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1261081	Batch: 372421
Matrix: Wipe	Method: EPA 8270C-SIM	Prep Method: EPA 3580M

QC1261081 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acenaphthene	3.758	4.000	ug/s	94%		49-120
Anthracene	4.175	4.000	ug/s	104%		46-120
Benzo(a)anthracene	4.205	4.000	ug/s	105%		52-120
Benzo(b)fluoranthene	3.545	4.000	ug/s	89%		51-120
Benzo(k)fluoranthene	3.437	4.000	ug/s	86%		51-120
Benzo(a)pyrene	3.364	4.000	ug/s	84%		47-120
Chrysene	3.740	4.000	ug/s	94%		52-120
Dibenz(a,h)anthracene	3.479	4.000	ug/s	87%		41-120
Fluoranthene	3.831	4.000	ug/s	96%		50-120
Fluorene	4.014	4.000	ug/s	100%		51-120
Indeno(1,2,3-cd)pyrene	3.546	4.000	ug/s	89%		43-120
1-Methylnaphthalene	4.672	4.000	ug/s	117%		52-120
2-Methylnaphthalene	4.435	4.000	ug/s	111%		53-120
Naphthalene	4.103	4.000	ug/s	103%		50-120
Pyrene	3.778	4.000	ug/s	94%		48-120
Surrogates						
Nitrobenzene-d5	4.185	4.000	ug/s	105%		40-120
2-Fluorobiphenyl	4.458	4.000	ug/s	111%		46-120
Terphenyl-d14	4.432	4.000	ug/s	111%		43-120

Type: Lab Control Sample Duplicate	Lab ID: QC1261082	Batch: 372421
Matrix: Wipe	Method: EPA 8270C-SIM	Prep Method: EPA 3580M

QC1261082 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acenaphthene	3.738	4.000	ug/s	93%		49-120	1	20
Anthracene	4.099	4.000	ug/s	102%		46-120	2	20
Benzo(a)anthracene	4.157	4.000	ug/s	104%		52-120	1	20
Benzo(b)fluoranthene	3.491	4.000	ug/s	87%		51-120	2	20
Benzo(k)fluoranthene	3.414	4.000	ug/s	85%		51-120	1	20
Benzo(a)pyrene	3.378	4.000	ug/s	84%		47-120	0	20
Chrysene	3.734	4.000	ug/s	93%		52-120	0	20
Dibenz(a,h)anthracene	3.368	4.000	ug/s	84%		41-120	3	20
Fluoranthene	3.752	4.000	ug/s	94%		50-120	2	20
Fluorene	4.002	4.000	ug/s	100%		51-120	0	20
Indeno(1,2,3-cd)pyrene	3.370	4.000	ug/s	84%		43-120	5	20
1-Methylnaphthalene	4.821	4.000	ug/s	121%	*	52-120	3	20
2-Methylnaphthalene	4.482	4.000	ug/s	112%		53-120	1	20
Naphthalene	4.141	4.000	ug/s	104%		50-120	1	20
Pyrene	3.721	4.000	ug/s	93%		48-120	2	20
Surrogates								
Nitrobenzene-d5	4.370	4.000	ug/s	109%		40-120		
2-Fluorobiphenyl	4.555	4.000	ug/s	114%		46-120		
Terphenyl-d14	4.461	4.000	ug/s	112%		43-120		

* Value is outside QC limits
 ND Not Detected