



CTEH

May 12, 2025

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory April 27, 2025. This project is associated with Origins project number E5D0762-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------|--------|----------------------|------------------|
| GACO0426T069S010 | E5D0762-01 | Soil | April 26, 2025 11:29 | 04/27/2025 11:30 |
| GACO0426T069S011 | E5D0762-02 | Soil | April 26, 2025 11:39 | 04/27/2025 11:30 |
| GACO0426T069S012 | E5D0762-03 | Soil | April 26, 2025 11:54 | 04/27/2025 11:30 |
| GACO0426T069S013 | E5D0762-04 | Soil | April 26, 2025 12:05 | 04/27/2025 11:30 |
| GACO0426T069S014 | E5D0762-05 | Soil | April 26, 2025 12:20 | 04/27/2025 11:30 |
| GACO0426T069S015 | E5D0762-06 | Soil | April 26, 2025 12:29 | 04/27/2025 11:30 |
| GACO0426T069T010 | E5D0762-07 | Water | April 26, 2025 7:30 | 04/27/2025 11:30 |

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ORIGINS LABORATORY

CTEH
 5120 North Shore Drive
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Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Origins Laboratory

F-012207-01-R1
 Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ESD0762 Client: CTEH
 Client Project ID: PROJ-054017
 Checklist Completed by: JAB/JAB Shipped Via: HD
 Date/time completed: 4/27/25 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1/39°C (Describe)
 Thermometer ID: T007

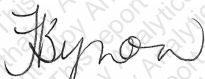
| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | | | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | | <input checked="" type="checkbox"/> | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | | <input checked="" type="checkbox"/> | | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | | <input checked="" type="checkbox"/> | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | | | <input checked="" type="checkbox"/> | |
| Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH) | | | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

04/28/25
 Date/Time Reviewed

Origins Laboratory



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Jordan A. Bynon, Project Manager


CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0426T069S010
4/26/2025 11:29:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-01 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| Boron | 0.904 | | 0.0995 | mg/L | 1 | B5D2716 | 04/27/2025 | 04/30/2025 | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.233 | mg/kg | 1 | B5D2847 | 04/28/2025 | 05/07/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B5D2816 | 04/28/2025 | 04/28/2025 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 85.5 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B5D2802 | 04/28/2025 | 04/28/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | | 0.200 | " | " | " | " | " | U |

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GACO0426T069S010
4/26/2025 11:29:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

E5D0762-01 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|----------------------------------|--------|--|--|--------|--|---------|------------|------------|--|
| Surrogate: 1,2-Dichloroethane-d4 | 97.1 % | | | 70-130 | | B5D2802 | 04/28/2025 | 04/28/2025 | |
| Surrogate: Toluene-d8 | 94.7 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 104 % | | | 70-130 | | " | " | " | |

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 1.99 | | 0.499 | meq/L | 10 | [CALC] | 04/27/2025 | 04/30/2025 | |
| Magnesium | 1.17 | | 0.823 | " | " | " | " | " | |
| Sodium | 1.76 | | 0.435 | " | " | " | " | " | |

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|-------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | | 0.020 | " | " | " | " | " | U |

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GACO0426T069S010
4/26/2025 11:29:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

E5D0762-01 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | | 0.020 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| Fluorene | ND | | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.020 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 97.4 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 99.2 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 104 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 99.8 % | | | 60-130 | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.12 | | | pH Units | 1 | B5D2722 | 04/27/2025 | 04/29/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste


| | | | | | | | | | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 1.40 | | 0.0100 | SAR | 1 | B5D2710 | 04/27/2025 | 04/30/2025 | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.542 | | 0.00500 | mmhos/cm | 1 | B5D2722 | 04/27/2025 | 04/29/2025 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

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GACO0426T069S010
4/26/2025 11:29:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-01 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 5.37 | | 0.243 | mg/kg | 10 | B5D2808 | 04/28/2025 | 04/29/2025 | |
| Barium | 84.8 | | 8.39 | " | " | " | " | " | " |
| Cadmium | 0.265 | | 0.0839 | " | " | " | " | " | " |
| Copper | 9.96 | | 8.39 | " | " | " | " | " | " |
| Lead | 8.75 | | 0.839 | " | " | " | " | " | " |
| Nickel | 8.23 | | 0.839 | " | " | " | " | " | " |
| Selenium | 0.362 | | 0.218 | " | " | " | " | " | " |
| Silver | ND | | 0.0839 | " | " | " | " | " | " |
| Zinc | 50.8 | | 31.0 | " | " | " | " | " | " |

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GACO0426T069S011
4/26/2025 11:39:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-02 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| Boron | 1.08 | | 0.0995 | mg/L | 1 | B5D2717 | 04/27/2025 | 04/30/2025 | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.258 | mg/kg | 1 | B5D2847 | 04/28/2025 | 05/07/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B5D2816 | 04/28/2025 | 04/28/2025 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 81.7 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B5D2802 | 04/28/2025 | 04/28/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | | 0.200 | " | " | " | " | " | U |

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GACO0426T069S011
4/26/2025 11:39:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-02 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.3 % | | | 70-130 | | B5D2802 | 04/28/2025 | 04/28/2025 | |
| Surrogate: Toluene-d8 | 96.7 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 99.7 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 2.04 | | 0.499 | meq/L | 10 | [CALC] | 04/27/2025 | 04/30/2025 | |
| Magnesium | 1.35 | | 0.823 | " | " | " | " | " | |
| Sodium | 2.09 | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | | 0.020 | " | " | " | " | " | U |

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Project Number: PROJ-054017
Project: PROJ-054017

GACO0426T069S011
4/26/2025 11:39:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

E5D0762-02 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | | 0.020 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| Fluorene | ND | | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.020 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 97.2 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 98.8 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 104 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 99.0 % | | | 60-130 | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.11 | | | pH Units | 1 | B5D2722 | 04/27/2025 | 04/29/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 1.61 | | 0.0100 | SAR | 1 | B5D2710 | 04/27/2025 | 04/30/2025 | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.635 | | 0.00500 | mmhos/cm | 1 | B5D2722 | 04/27/2025 | 04/29/2025 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

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 Project Number: PROJ-054017
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GACO0426T069S011
4/26/2025 11:39:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-02 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 7.25 | | 0.275 | mg/kg | 10 | B5D2808 | 04/28/2025 | 04/29/2025 | |
| Barium | 115 | | 9.48 | " | " | " | " | " | " |
| Cadmium | 0.437 | | 0.0948 | " | " | " | " | " | " |
| Copper | 13.0 | | 9.48 | " | " | " | " | " | " |
| Lead | 14.6 | | 0.948 | " | " | " | " | " | " |
| Nickel | 10.6 | | 0.948 | " | " | " | " | " | " |
| Selenium | 0.483 | | 0.247 | " | " | " | " | " | " |
| Silver | ND | | 0.0948 | " | " | " | " | " | " |
| Zinc | 69.9 | | 35.1 | " | " | " | " | " | " |

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4/26/2025 11:54:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-03 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| Boron | 0.925 | | 0.100 | mg/L | 1 | B5D2717 | 04/27/2025 | 04/30/2025 | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.257 | mg/kg | 1 | B5D2848 | 04/28/2025 | 05/09/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B5D2827 | 04/28/2025 | 04/28/2025 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |
| Surrogate: <i>o</i> -Terphenyl | 91.4 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B5D2802 | 04/28/2025 | 04/28/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | | 0.200 | " | " | " | " | " | U |

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CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0426T069S012
4/26/2025 11:54:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-03 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.5 % | | | 70-130 | | B5D2802 | 04/28/2025 | 04/28/2025 | |
| Surrogate: Toluene-d8 | 99.6 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 2.44 | | 0.499 | meq/L | 10 | [CALC] | 04/27/2025 | 04/30/2025 | |
| Magnesium | 1.46 | | 0.823 | " | " | " | " | " | |
| Sodium | 2.24 | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | | 0.020 | " | " | " | " | " | U |

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GACO0426T069S012
4/26/2025 11:54:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

E5D0762-03 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | | 0.020 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| Fluorene | ND | | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.020 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 97.8 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 100 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 105 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 100 % | | | 60-130 | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.05 | | | pH Units | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste


| | | | | | | | | | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 1.60 | | 0.0100 | SAR | 1 | B5D2711 | 04/27/2025 | 04/30/2025 | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.742 | | 0.00500 | mmhos/cm | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

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Project: PROJ-054017

GACO0426T069S012
4/26/2025 11:54:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-03 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 6.90 | | 0.250 | mg/kg | 10 | B5D2808 | 04/28/2025 | 04/29/2025 | |
| Barium | 78.8 | | 8.62 | " | " | " | " | " | " |
| Cadmium | 0.261 | | 0.0862 | " | " | " | " | " | " |
| Copper | 10.1 | | 8.62 | " | " | " | " | " | " |
| Lead | 7.08 | | 0.862 | " | " | " | " | " | " |
| Nickel | 8.34 | | 0.862 | " | " | " | " | " | " |
| Selenium | 0.417 | | 0.224 | " | " | " | " | " | " |
| Silver | ND | | 0.0862 | " | " | " | " | " | " |
| Zinc | 58.9 | | 31.9 | " | " | " | " | " | " |

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Kyle Lawrence
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 Project: PROJ-054017

GACO0426T069S013
4/26/2025 12:05:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-04 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| Boron | 1.09 | | 0.100 | mg/L | 1 | B5D2717 | 04/27/2025 | 04/30/2025 | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.257 | mg/kg | 1 | B5D2848 | 04/28/2025 | 05/09/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B5D2827 | 04/28/2025 | 04/28/2025 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 92.6 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B5D2802 | 04/28/2025 | 04/28/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | | 0.200 | " | " | " | " | " | U |

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GACO0426T069S013
4/26/2025 12:05:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-04 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.7 % | | | 70-130 | | B5D2802 | 04/28/2025 | 04/28/2025 | |
| Surrogate: Toluene-d8 | 100 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 4.40 | | 0.499 | meq/L | 10 | [CALC] | 04/27/2025 | 04/30/2025 | |
| Magnesium | 2.64 | | 0.823 | " | " | " | " | " | |
| Sodium | 4.01 | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | | 0.020 | " | " | " | " | " | U |

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GACO0426T069S013
4/26/2025 12:05:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---|--------|-----------------|-----------------|----------|----------|---------|------------|------------|-------|
| E5D0762-04 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| Fluoranthene | ND | | 0.020 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| Fluorene | ND | | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Surrogate: Fluorene-d10 | 98.3 % | | | 60-130 | " | " | " | " | |
| Surrogate: Anthracene-d10 | 99.0 % | | | 60-130 | " | " | " | " | |
| Surrogate: Pyrene-d10 | 105 % | | | 60-130 | " | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 100 % | | | 60-130 | " | " | " | " | |
| pH in Soil by 9045D | | | | | | | | | |
| pH | 7.98 | | | pH Units | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
| SAR by 20B Saturated Paste | | | | | | | | | |
| SAR | 2.14 | | 0.0100 | SAR | 1 | B5D2711 | 04/27/2025 | 04/30/2025 | |
| Specific Conductance Mod. 9050A | | | | | | | | | |
| Specific Conductance (EC) | 1.38 | | 0.00500 | mmhos/cm | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
| Table 915 metals by EPA 6020B | | | | | | | | | |

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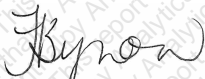
CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0426T069S013
4/26/2025 12:05:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-04 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 6.58 | | 0.255 | mg/kg | 10 | B5D2808 | 04/28/2025 | 04/29/2025 | |
| Barium | 79.0 | | 8.78 | " | " | " | " | " | " |
| Cadmium | 0.297 | | 0.0878 | " | " | " | " | " | " |
| Copper | 12.6 | | 8.78 | " | " | " | " | " | " |
| Lead | 9.61 | | 0.878 | " | " | " | " | " | " |
| Nickel | 8.65 | | 0.878 | " | " | " | " | " | " |
| Selenium | 0.435 | | 0.228 | " | " | " | " | " | " |
| Silver | ND | | 0.0878 | " | " | " | " | " | " |
| Zinc | 54.2 | | 32.5 | " | " | " | " | " | " |

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Kyle Lawrence
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Project: PROJ-054017

GACO0426T069S014
4/26/2025 12:20:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-05 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| Boron | 0.986 | | 0.0991 | mg/L | 1 | B5D2717 | 04/27/2025 | 04/30/2025 | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.250 | mg/kg | 1 | B5D2848 | 04/28/2025 | 05/09/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B5D2827 | 04/28/2025 | 04/28/2025 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 92.2 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B5D2802 | 04/28/2025 | 04/28/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | | 0.200 | " | " | " | " | " | U |

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GACO0426T069S014
4/26/2025 12:20:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-05 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 97.4 % | | | 70-130 | | B5D2802 | 04/28/2025 | 04/28/2025 | |
| Surrogate: Toluene-d8 | 97.3 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 2.06 | | 0.499 | meq/L | 10 | [CALC] | 04/27/2025 | 04/30/2025 | |
| Magnesium | 1.21 | | 0.823 | " | " | " | " | " | |
| Sodium | 1.52 | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | | 0.020 | " | " | " | " | " | U |

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GACO0426T069S014
4/26/2025 12:20:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

E5D0762-05 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | | 0.020 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| Fluorene | ND | | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.020 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 97.6 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 99.0 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 105 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 100 % | | | 60-130 | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.13 | | | pH Units | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 1.19 | | 0.0100 | SAR | 1 | B5D2711 | 04/27/2025 | 04/30/2025 | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.576 | | 0.00500 | mmhos/cm | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

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Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0426T069S014
4/26/2025 12:20:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-05 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 5.17 | | 0.254 | mg/kg | 10 | B5D2808 | 04/28/2025 | 04/29/2025 | |
| Barium | 75.6 | | 8.75 | " | " | " | " | " | " |
| Cadmium | 0.290 | | 0.0875 | " | " | " | " | " | " |
| Copper | 10.7 | | 8.75 | " | " | " | " | " | " |
| Lead | 7.51 | | 0.875 | " | " | " | " | " | " |
| Nickel | 7.79 | | 0.875 | " | " | " | " | " | " |
| Selenium | 0.403 | | 0.228 | " | " | " | " | " | " |
| Silver | ND | | 0.0875 | " | " | " | " | " | " |
| Zinc | 47.2 | | 32.4 | " | " | " | " | " | " |

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GACO0426T069S015
4/26/2025 12:29:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-06 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| Boron | 0.776 | | 0.0998 | mg/L | 1 | B5D2717 | 04/27/2025 | 04/30/2025 | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.263 | mg/kg | 1 | B5D2848 | 04/28/2025 | 05/09/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B5D2827 | 04/28/2025 | 04/28/2025 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 107 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B5D2802 | 04/28/2025 | 04/28/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | | 0.200 | " | " | " | " | " | U |

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CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0426T069S015
4/26/2025 12:29:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|--------|----------|---------|------------|------------|-------|
| E5D0762-06 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.0 % | | | 70-130 | | B5D2802 | 04/28/2025 | 04/28/2025 | |
| Surrogate: Toluene-d8 | 96.6 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 102 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 3.71 | | 0.499 | meq/L | 10 | [CALC] | 04/27/2025 | 04/30/2025 | |
| Magnesium | 2.13 | | 0.823 | " | " | " | " | " | |
| Sodium | 3.51 | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | | 0.020 | " | " | " | " | " | U |

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| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

E5D0762-06 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | | 0.020 | mg/kg | 1 | B5D2820 | 04/28/2025 | 04/29/2025 | U |
| Fluorene | ND | | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.020 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 97.0 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 100 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 105 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 101 % | | | 60-130 | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.98 | | | pH Units | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 2.05 | | 0.0100 | SAR | 1 | B5D2711 | 04/27/2025 | 04/30/2025 | |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 1.12 | | 0.00500 | mmhos/cm | 1 | B5D2723 | 04/27/2025 | 04/29/2025 | |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

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GACO0426T069S015
4/26/2025 12:29:00PM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-06 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 6.16 | | 0.279 | mg/kg | 10 | B5D2808 | 04/28/2025 | 04/29/2025 | |
| Barium | 99.3 | | 9.62 | " | " | " | " | " | " |
| Cadmium | 0.288 | | 0.0962 | " | " | " | " | " | " |
| Copper | 12.1 | | 9.62 | " | " | " | " | " | " |
| Lead | 9.61 | | 0.962 | " | " | " | " | " | " |
| Nickel | 9.05 | | 0.962 | " | " | " | " | " | " |
| Selenium | 0.434 | | 0.250 | " | " | " | " | " | " |
| Silver | ND | | 0.0962 | " | " | " | " | " | " |
| Zinc | 62.5 | | 35.6 | " | " | " | " | " | " |

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Project: PROJ-054017

GACO0426T069T010
4/26/2025 7:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|-----------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-07 (Water) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| VOC by EPA 8260D | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | | 1.00 | ug/L | 1 | B5D2875 | 04/28/2025 | 04/28/2025 | U |
| 1,1,1-Trichloroethane | ND | | 1.00 | " | " | " | " | " | U |
| 1,1,2,2-Tetrachloroethane | ND | | 1.00 | " | " | " | " | " | U |
| 1,1,2-Trichloroethane | ND | | 1.00 | " | " | " | " | " | U |
| 1,1-Dichloroethane | ND | | 1.00 | " | " | " | " | " | U |
| 1,1-Dichloroethene | ND | | 1.00 | " | " | " | " | " | U |
| 1,1-Dichloropropene | ND | | 1.00 | " | " | " | " | " | U |
| 1,2,3-Trichlorobenzene | ND | | 5.00 | " | " | " | " | " | U |
| 1,2,3-Trichloropropane | ND | | 5.00 | " | " | " | " | " | U |
| 1,2,4-Trichlorobenzene | ND | | 5.00 | " | " | " | " | " | U |
| 1,2,4-Trimethylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| 1,2-Dibromo-3-chloropropane | ND | | 5.00 | " | " | " | " | " | U |
| 1,2-Dibromoethane (EDB) | ND | | 1.50 | " | " | " | " | " | U |
| 1,2-Dichlorobenzene | ND | | 1.00 | " | " | " | " | " | U |
| 1,2-Dichloroethane | ND | | 1.00 | " | " | " | " | " | U |
| 1,2-Dichloropropane | ND | | 1.00 | " | " | " | " | " | U |
| 1,3,5-Trimethylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| 1,3-Dichlorobenzene | ND | | 1.00 | " | " | " | " | " | U |
| 1,3-Dichloropropane | ND | | 1.00 | " | " | " | " | " | U |

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GACO0426T069T010
4/26/2025 7:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-07 (Water) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| VOC by EPA 8260D | | | | | | | | | |
| 1,4-Dichlorobenzene | ND | | 1.00 | ug/L | 1 | B5D2875 | 04/28/2025 | 04/28/2025 | U |
| 2,2-Dichloropropane | ND | | 1.00 | " | " | " | " | " | U |
| 2-Butanone | ND | | 5.00 | " | " | " | " | " | U |
| 2-Chlorotoluene | ND | | 1.00 | " | " | " | " | " | U |
| 2-Hexanone | ND | | 6.00 | " | " | " | " | " | U |
| 4-Chlorotoluene | ND | | 1.00 | " | " | " | " | " | U |
| 4-Isopropyltoluene | ND | | 1.00 | " | " | " | " | " | U |
| 4-Methyl-2-pentanone | ND | | 5.00 | " | " | " | " | " | U |
| Acetone | ND | | 8.00 | " | " | " | " | " | U |
| Benzene | ND | | 1.00 | " | " | " | " | " | U |
| Bromobenzene | ND | | 1.00 | " | " | " | " | " | U |
| Bromochloromethane | ND | | 1.00 | " | " | " | " | " | U |
| Bromodichloromethane | ND | | 1.00 | " | " | " | " | " | U |
| Bromoform | ND | | 1.00 | " | " | " | " | " | U |
| Bromomethane | ND | | 1.00 | " | " | " | " | 05/07/2025 | U |
| Carbon disulfide | ND | | 5.00 | " | " | " | " | 04/28/2025 | U |
| Carbon tetrachloride | ND | | 1.00 | " | " | " | " | " | U |
| Chlorobenzene | ND | | 1.00 | " | " | " | " | " | U |
| Chloroethane | ND | | 1.00 | " | " | " | " | 05/07/2025 | U |

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GACO0426T069T010
4/26/2025 7:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-07 (Water) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| VOC by EPA 8260D | | | | | | | | | |
| Chloroform | ND | | 1.00 | ug/L | 1 | B5D2875 | 04/28/2025 | 04/28/2025 | U |
| Chloromethane | ND | | 1.00 | " | " | " | " | 05/07/2025 | U |
| cis-1,2-Dichloroethene | ND | | 1.00 | " | " | " | " | 04/28/2025 | U |
| cis-1,3-Dichloropropene | ND | | 1.00 | " | " | " | " | " | U |
| Dibromochloromethane | ND | | 1.00 | " | " | " | " | " | U |
| Dibromomethane | ND | | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| Hexachlorobutadiene | ND | | 5.00 | " | " | " | " | " | U |
| Iodomethane | ND | | 10.0 | " | " | " | " | " | U |
| Isopropylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| m,p-Xylene | ND | | 2.00 | " | " | " | " | " | U |
| Methylene Chloride | ND | | 15.0 | " | " | " | " | " | U |
| Methyl tert-Butyl Ether | ND | | 1.00 | " | " | " | " | " | U |
| Naphthalene | ND | | 4.00 | " | " | " | " | " | U |
| n-Butylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| n-Propylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| o-Xylene | ND | | 1.00 | " | " | " | " | " | U |
| sec-Butylbenzene | ND | | 1.00 | " | " | " | " | " | U |
| Styrene | ND | | 1.00 | " | " | " | " | " | U |

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GACO0426T069T010
4/26/2025 7:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|----------------------------------|--------|-----------------|-----------------|-------|----------|---------|------------|------------|-------|
| E5D0762-07 (Water) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| VOC by EPA 8260D | | | | | | | | | |
| tert-Butylbenzene | ND | | 1.00 | ug/L | 1 | B5D2875 | 04/28/2025 | 04/28/2025 | U |
| Tetrachloroethene | ND | | 1.00 | " | " | " | " | " | U |
| Toluene | ND | | 1.00 | " | " | " | " | " | U |
| trans-1,2-Dichloroethene | ND | | 1.00 | " | " | " | " | " | U |
| trans-1,3-Dichloropropene | ND | | 1.00 | " | " | " | " | " | U |
| Trichloroethene | ND | | 1.00 | " | " | " | " | " | U |
| Trichlorofluoromethane | ND | | 1.00 | " | " | " | " | " | U |
| Vinyl chloride | ND | | 1.00 | " | " | " | " | 05/07/2025 | U |
| Surrogate: 1,2-Dichloroethane-d4 | 103 % | | | | 70-130 | " | " | 04/28/2025 | |
| Surrogate: Toluene-d8 | 99.8 % | | | | 70-130 | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 102 % | | | | 70-130 | " | " | " | |

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*** DEFAULT GENERAL METHOD *** - Quality Control

Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2847 - EPA 3060A

Prepared: 04/28/2025 Analyzed: 05/07/2025

Blank (B5D2847-BLK1)

Hexavalent Chromium ND 0.250 mg/kg

LCS (B5D2847-BS1)

Prepared: 04/28/2025 Analyzed: 05/07/2025

Hexavalent Chromium 2.23 0.250 mg/kg 2.50 89.4 80-120

Matrix Spike (B5D2847-MS1)

Source: E5D0750-03

Prepared: 04/28/2025 Analyzed: 05/07/2025

Hexavalent Chromium 2.32 0.261 mg/kg 2.61 0.145 83.4 75-125

Matrix Spike (B5D2847-MS2)

Source: E5D0750-03

Prepared: 04/28/2025 Analyzed: 05/07/2025

Hexavalent Chromium 214 25.0 mg/kg 273 ND 78.4 75-125

Matrix Spike Dup (B5D2847-MSD1)

Source: E5D0750-03

Prepared: 04/28/2025 Analyzed: 05/07/2025

Hexavalent Chromium 2.26 0.249 mg/kg 2.49 0.145 84.8 75-125 2.75 200

Post Spike (B5D2847-PS1)

Source: E5D0750-03

Prepared: 04/28/2025 Analyzed: 05/07/2025

Hexavalent Chromium 52.6 ug/L 50.0 3.01 99.2 80-120

Batch B5D2848 - EPA 3060A

Prepared: 04/28/2025 Analyzed: 05/09/2025

Blank (B5D2848-BLK1)

Hexavalent Chromium ND 0.250 mg/kg

LCS (B5D2848-BS1)

Prepared: 04/28/2025 Analyzed: 05/09/2025

Hexavalent Chromium 2.51 0.250 mg/kg 2.50 100 80-120


Matrix Spike (B5D2848-MS1)

Source: E5D0750-06

Prepared: 04/28/2025 Analyzed: 05/09/2025

Hexavalent Chromium 2.29 0.241 mg/kg 2.41 ND 94.8 75-125

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 Project: PROJ-054017

*** DEFAULT GENERAL METHOD *** - Quality Control

Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|---------------------------|-------------|---------------|---|-------------|------|-----------|-------|
| Batch B5D2848 - EPA 3060A | | | | | | | | | | |
| Matrix Spike (B5D2848-MS2) | | | Source: E5D0750-06 | | | Prepared: 04/28/2025 Analyzed: 05/09/2025 | | | | |
| Hexavalent Chromium | 227 | 24.7 | mg/kg | 265 | ND | 85.7 | 75-125 | | | |
| Matrix Spike Dup (B5D2848-MSD1) | | | Source: E5D0750-06 | | | Prepared: 04/28/2025 Analyzed: 05/09/2025 | | | | |
| Hexavalent Chromium | 2.43 | 0.249 | mg/kg | 2.49 | ND | 97.6 | 75-125 | 5.96 | 200 | |
| Post Spike (B5D2848-PS1) | | | Source: E5D0750-06 | | | Prepared: 04/28/2025 Analyzed: 05/09/2025 | | | | |
| Hexavalent Chromium | 54.2 | | ug/L | 50.0 | 0.00 | 108 | 80-120 | | | |

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 Project: PROJ-054017

Classical Chemistry Parameters - Quality Control Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2710 - Saturated Paste Metals

Blank (B5D2710-BLK1)

Prepared: 04/27/2025 Analyzed: 04/30/2025

| | | | | | | | | | | |
|---------------|----|--------|------|--|--|--|--|--|--|--|
| SAR | ND | 0.0100 | SAR | | | | | | | |
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | |
| Magnesium PPM | ND | 10.0 | " | | | | | | | |
| Sodium PPM | ND | 10.0 | " | | | | | | | |

Duplicate (B5D2710-DUP1)

Source: E5D0751-07

Prepared: 04/27/2025 Analyzed: 04/30/2025

| | | | | | | | | | | |
|---------------|------|--------|------|--|------|--|--|------|-----|--|
| Calcium PPM | 104 | 10.0 | mg/L | | 119 | | | 13.8 | 50 | |
| SAR | ND | 0.0100 | SAR | | 1.15 | | | | 200 | |
| Magnesium PPM | 29.2 | 10.0 | mg/L | | 34.6 | | | 16.7 | 50 | |
| Sodium PPM | 49.2 | 10.0 | " | | 55.4 | | | 12.0 | 50 | |

Batch B5D2711 - Saturated Paste Metals

Blank (B5D2711-BLK1)

Prepared: 04/27/2025 Analyzed: 04/30/2025

| | | | | | | | | | | |
|---------------|----|--------|------|--|--|--|--|--|--|--|
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | |
| SAR | ND | 0.0100 | SAR | | | | | | | |
| Magnesium PPM | ND | 10.0 | mg/L | | | | | | | |
| Sodium PPM | ND | 10.0 | " | | | | | | | |

Duplicate (B5D2711-DUP1)

Source: E5D0762-03

Prepared: 04/27/2025 Analyzed: 04/30/2025


| | | | | | | | | | | |
|---------------|------|--------|------|--|------|--|--|------|-----|--------|
| SAR | ND | 0.0100 | SAR | | 1.60 | | | | 200 | |
| Calcium PPM | 29.0 | 10.0 | mg/L | | 48.8 | | | 50.9 | 50 | QR-DUP |
| Magnesium PPM | 10.1 | 10.0 | " | | 17.8 | | | 55.0 | 50 | QR-DUP |
| Sodium PPM | 25.2 | 10.0 | " | | 51.5 | | | 68.7 | 50 | QR-DUP |

Batch B5D2716 - DTPA Sorbitol Preparation

Blank (B5D2716-BLK1)

Prepared: 04/27/2025 Analyzed: 04/30/2025

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 Project Number: PROJ-054017
 Project: PROJ-054017

Classical Chemistry Parameters - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2716 - DTPA Sorbitol Preparation

Blank (B5D2716-BLK1)

Prepared: 04/27/2025 Analyzed: 04/30/2025

Boron ND 0.100 mg/L

Duplicate (B5D2716-DUP1)

Source: E5D0749-02

Prepared: 04/27/2025 Analyzed: 04/30/2025

Boron 0.649 0.101 mg/L 0.651 0.356 50

Batch B5D2717 - DTPA Sorbitol Preparation

Blank (B5D2717-BLK1)

Prepared: 04/27/2025 Analyzed: 04/30/2025

Boron ND 0.100 mg/L

Duplicate (B5D2717-DUP1)

Source: E5D0762-02

Prepared: 04/27/2025 Analyzed: 04/30/2025

Boron 0.996 0.100 mg/L 1.08 8.19 50

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2820 - EPA 3580

Blank (B5D2820-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------------|-----|-------|-------|-----|--|------|--------|--|--|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.002 | " | | | | | | | U |
| Acenaphthene | ND | 0.020 | " | | | | | | | U |
| Anthracene | ND | 0.020 | " | | | | | | | U |
| Benzo (a) anthracene | ND | 0.005 | " | | | | | | | U |
| Benzo (a) pyrene | ND | 0.020 | " | | | | | | | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | | | | | | | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | | | | | | | U |
| Chrysene | ND | 0.020 | " | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | | | | | | | U |
| Fluoranthene | ND | 0.020 | " | | | | | | | U |
| Fluorene | ND | 0.020 | " | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | | | | | | | U |
| Naphthalene | ND | 0.002 | " | | | | | | | U |
| Phenanthrene | ND | 0.020 | " | | | | | | | U |
| Pyrene | ND | 0.020 | " | | | | | | | U |
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 98.6 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 99.1 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 101 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 100 | 60-130 | | | |

LCS (B5D2820-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------|-------|-------|-------|-------|--|-----|--------|--|--|--|
| 1-Methylnaphthalene | 0.201 | 0.002 | mg/kg | 0.200 | | 100 | 70-130 | | | |
| 2-Methylnaphthalene | 0.202 | 0.002 | " | 0.200 | | 101 | 70-130 | | | |
| Acenaphthene | 0.202 | 0.020 | " | 0.200 | | 101 | 70-130 | | | |
| Anthracene | 0.200 | 0.020 | " | 0.200 | | 100 | 70-130 | | | |

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2820 - EPA 3580

LCS (B5D2820-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------------|-------|-------|-------|-------|--|------|--------|--|--|--|
| Benzo (a) anthracene | 0.209 | 0.005 | mg/kg | 0.200 | | 104 | 70-130 | | | |
| Benzo (a) pyrene | 0.208 | 0.020 | " | 0.200 | | 104 | 70-130 | | | |
| Benzo (b) fluoranthene | 0.211 | 0.020 | " | 0.200 | | 106 | 70-130 | | | |
| Benzo (g,h,i) perylene | 0.215 | 0.020 | " | 0.200 | | 107 | 70-130 | | | |
| Benzo (k) fluoranthene | 0.209 | 0.020 | " | 0.200 | | 105 | 70-130 | | | |
| Chrysene | 0.211 | 0.020 | " | 0.200 | | 106 | 70-130 | | | |
| Dibenz (a,h) anthracene | 0.211 | 0.020 | " | 0.200 | | 105 | 70-130 | | | |
| Fluoranthene | 0.211 | 0.020 | " | 0.200 | | 106 | 70-130 | | | |
| Fluorene | 0.201 | 0.020 | " | 0.200 | | 100 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 0.216 | 0.020 | " | 0.200 | | 108 | 70-130 | | | |
| Naphthalene | 0.214 | 0.002 | " | 0.200 | | 107 | 70-130 | | | |
| Phenanthrene | 0.207 | 0.020 | " | 0.200 | | 104 | 70-130 | | | |
| Pyrene | 0.211 | 0.020 | " | 0.200 | | 105 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 99.0 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 98.6 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 99.4 | 60-130 | | | |

Matrix Spike (B5D2820-MS1)

Source: E5D0750-06

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|------------------------|-------|-------|-------|-------|--------|------|--------|--|--|--|
| 1-Methylnaphthalene | 0.199 | 0.002 | mg/kg | 0.200 | ND | 99.5 | 70-130 | | | |
| 2-Methylnaphthalene | 0.202 | 0.002 | " | 0.200 | 0.0008 | 101 | 70-130 | | | |
| Acenaphthene | 0.200 | 0.020 | " | 0.200 | 0.0003 | 99.8 | 70-130 | | | |
| Anthracene | 0.197 | 0.020 | " | 0.200 | 0.0006 | 98.3 | 70-130 | | | |
| Benzo (a) anthracene | 0.205 | 0.005 | " | 0.200 | 0.001 | 102 | 70-130 | | | |
| Benzo (a) pyrene | 0.199 | 0.020 | " | 0.200 | 0.001 | 99.0 | 70-130 | | | |
| Benzo (b) fluoranthene | 0.203 | 0.020 | " | 0.200 | 0.001 | 101 | 70-130 | | | |
| Benzo (g,h,i) perylene | 0.204 | 0.020 | " | 0.200 | 0.001 | 102 | 70-130 | | | |

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CTEH
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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2820 - EPA 3580

Matrix Spike (B5D2820-MS1)

Source: E5D0750-06

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------------|-------|-------|-------|-------|--------|------|--------|--|--|--|
| Benzo (k) fluoranthene | 0.206 | 0.020 | mg/kg | 0.200 | 0.0007 | 103 | 70-130 | | | |
| Chrysene | 0.207 | 0.020 | " | 0.200 | 0.001 | 103 | 70-130 | | | |
| Dibenz (a,h) anthracene | 0.205 | 0.020 | " | 0.200 | 0.0006 | 102 | 70-130 | | | |
| Fluoranthene | 0.206 | 0.020 | " | 0.200 | 0.001 | 103 | 70-130 | | | |
| Fluorene | 0.200 | 0.020 | " | 0.200 | 0.002 | 99.1 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 0.206 | 0.020 | " | 0.200 | 0.001 | 102 | 70-130 | | | |
| Naphthalene | 0.198 | 0.002 | " | 0.200 | ND | 99.0 | 70-130 | | | |
| Phenanthrene | 0.209 | 0.020 | " | 0.200 | 0.006 | 102 | 70-130 | | | |
| Pyrene | 0.206 | 0.020 | " | 0.200 | 0.001 | 102 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 99.3 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 99.1 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 99.7 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 99.4 | 60-130 | | | |

Matrix Spike Dup (B5D2820-MSD1)

Source: E5D0750-06

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-------------------------|-------|-------|-------|-------|--------|------|--------|---------|----|--|
| 1-Methylnaphthalene | 0.201 | 0.002 | mg/kg | 0.200 | ND | 100 | 70-130 | 0.857 | 20 | |
| 2-Methylnaphthalene | 0.201 | 0.002 | " | 0.200 | 0.0008 | 100 | 70-130 | 0.583 | 20 | |
| Acenaphthene | 0.200 | 0.020 | " | 0.200 | 0.0003 | 99.8 | 70-130 | 0.00355 | 20 | |
| Anthracene | 0.208 | 0.020 | " | 0.200 | 0.0006 | 104 | 70-130 | 5.24 | 20 | |
| Benzo (a) anthracene | 0.198 | 0.005 | " | 0.200 | 0.001 | 98.5 | 70-130 | 3.39 | 20 | |
| Benzo (a) pyrene | 0.196 | 0.020 | " | 0.200 | 0.001 | 97.1 | 70-130 | 1.88 | 20 | |
| Benzo (b) fluoranthene | 0.203 | 0.020 | " | 0.200 | 0.001 | 101 | 70-130 | 0.260 | 20 | |
| Benzo (g,h,i) perylene | 0.204 | 0.020 | " | 0.200 | 0.001 | 101 | 70-130 | 0.136 | 20 | |
| Benzo (k) fluoranthene | 0.204 | 0.020 | " | 0.200 | 0.0007 | 102 | 70-130 | 0.727 | 20 | |
| Chrysene | 0.206 | 0.020 | " | 0.200 | 0.001 | 102 | 70-130 | 0.421 | 20 | |
| Dibenz (a,h) anthracene | 0.205 | 0.020 | " | 0.200 | 0.0006 | 102 | 70-130 | 0.305 | 20 | |
| Fluoranthene | 0.208 | 0.020 | " | 0.200 | 0.001 | 103 | 70-130 | 0.733 | 20 | |

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CTEH
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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2820 - EPA 3580

Matrix Spike Dup (B5D2820-MSD1)

Source: E5D0750-06

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|------|--------|--------|----|--|
| Fluorene | 0.200 | 0.020 | mg/kg | 0.200 | 0.002 | 99.3 | 70-130 | 0.172 | 20 | |
| Indeno (1,2,3-cd) pyrene | 0.202 | 0.020 | " | 0.200 | 0.001 | 100 | 70-130 | 1.80 | 20 | |
| Naphthalene | 0.210 | 0.002 | " | 0.200 | ND | 105 | 70-130 | 5.92 | 20 | |
| Phenanthrene | 0.218 | 0.020 | " | 0.200 | 0.006 | 106 | 70-130 | 3.94 | 20 | |
| Pyrene | 0.206 | 0.020 | " | 0.200 | 0.001 | 102 | 70-130 | 0.0306 | 20 | |
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 99.4 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 94.7 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 99.9 | 60-130 | | | |

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CTEH
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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2816 - EPA 3550B

Blank (B5D2816-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------------|----|------|-------|------|--|------|--------|--|--|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 24 | | " | 24.9 | | 95.1 | 50-150 | | | |

LCS (B5D2816-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 950 | 50.0 | mg/kg | 1000 | | 95.0 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1030 | 200 | " | 1000 | | 103 | 70-130 | | | |
| Surrogate: o-Terphenyl | 60 | | " | 49.8 | | 121 | 50-150 | | | |

Matrix Spike (B5D2816-MS1)

Source: E5D0751-07

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|----|------|--------|--|--|--|
| Diesel (C10-C28) | 929 | 50.0 | mg/kg | 1000 | ND | 92.9 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 929 | 200 | " | 1000 | ND | 92.9 | 70-130 | | | |
| Surrogate: o-Terphenyl | 55 | | " | 49.8 | | 111 | 50-150 | | | |

Matrix Spike Dup (B5D2816-MSD1)

Source: E5D0751-07

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|----|------|--------|------|----|--|
| Diesel (C10-C28) | 822 | 50.0 | mg/kg | 1000 | ND | 82.2 | 70-130 | 12.2 | 35 | |
| Residual Range Organics (C28-C40) | 891 | 200 | " | 1000 | ND | 89.1 | 70-130 | 4.21 | 35 | |
| Surrogate: o-Terphenyl | 56 | | " | 49.8 | | 112 | 50-150 | | | |

Batch B5D2827 - EPA 3550B

Blank (B5D2827-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------------|----|------|-------|------|--|-----|--------|--|--|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 28 | | " | 24.9 | | 112 | 50-150 | | | |

LCS (B5D2827-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|------------------|------|------|-------|------|--|-----|--------|--|--|--|
| Diesel (C10-C28) | 1010 | 50.0 | mg/kg | 1000 | | 101 | 70-130 | | | |
|------------------|------|------|-------|------|--|-----|--------|--|--|--|

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 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2827 - EPA 3550B

LCS (B5D2827-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

Residual Range Organics (C28-C40) 998 200 mg/kg 1000 99.8 70-130

Surrogate: o-Terphenyl 57 " 49.8 114 50-150

Matrix Spike (B5D2827-MS1)

Source: E5D0762-03

Prepared: 04/28/2025 Analyzed: 04/28/2025

Diesel (C10-C28) 1030 50.0 mg/kg 1000 ND 103 70-130

Residual Range Organics (C28-C40) 1050 200 " 1000 ND 105 70-130

Surrogate: o-Terphenyl 65 " 49.8 130 50-150

Matrix Spike Dup (B5D2827-MSD1)

Source: E5D0762-03

Prepared: 04/28/2025 Analyzed: 04/28/2025

Diesel (C10-C28) 1200 50.0 mg/kg 1000 ND 120 70-130 14.9 35

Residual Range Organics (C28-C40) 1200 200 " 1000 ND 120 70-130 13.3 35

Surrogate: o-Terphenyl 59 " 49.8 118 50-150

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2808 - EPA 3050B

Blank (B5D2808-BLK1)

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|----------|----|-------|-------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.290 | mg/kg | | | | | | | |
| Barium | ND | 10.0 | " | | | | | | | |
| Cadmium | ND | 0.100 | " | | | | | | | |
| Copper | ND | 10.0 | " | | | | | | | |
| Lead | ND | 1.00 | " | | | | | | | |
| Nickel | ND | 1.00 | " | | | | | | | |
| Selenium | ND | 0.260 | " | | | | | | | |
| Silver | ND | 0.100 | " | | | | | | | |
| Zinc | ND | 37.0 | " | | | | | | | |

LCS (B5D2808-BS1)

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|----------|------|-------|-------|------|--|-----|--------|--|--|--|
| Arsenic | 5.25 | 0.290 | mg/kg | 5.00 | | 105 | 80-120 | | | |
| Barium | 502 | 10.0 | " | 500 | | 100 | 80-120 | | | |
| Cadmium | 5.83 | 0.100 | " | 5.00 | | 117 | 80-120 | | | |
| Copper | 54.5 | 10.0 | " | 50.0 | | 109 | 80-120 | | | |
| Lead | 5.31 | 1.00 | " | 5.00 | | 106 | 80-120 | | | |
| Nickel | 5.51 | 1.00 | " | 5.00 | | 110 | 80-120 | | | |
| Selenium | 5.37 | 0.260 | " | 5.00 | | 107 | 80-120 | | | |
| Silver | 5.64 | 0.100 | " | 5.00 | | 113 | 80-120 | | | |
| Zinc | 54.0 | 37.0 | " | 50.0 | | 108 | 80-120 | | | |

Matrix Spike (B5D2808-MS1)

Source: E5D0762-01

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|---------|------|--------|-------|------|-------|------|--------|--|--|--|
| Arsenic | 9.92 | 0.258 | mg/kg | 4.46 | 5.37 | 102 | 75-125 | | | |
| Barium | 524 | 8.91 | " | 446 | 84.8 | 98.5 | 75-125 | | | |
| Cadmium | 4.96 | 0.0891 | " | 4.46 | 0.265 | 105 | 75-125 | | | |
| Copper | 54.2 | 8.91 | " | 44.6 | 9.96 | 99.3 | 75-125 | | | |
| Lead | 13.6 | 0.891 | " | 4.46 | 8.75 | 108 | 75-125 | | | |

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 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2808 - EPA 3050B

Matrix Spike (B5D2808-MS1)

Source: E5D0762-01

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|----------|------|--------|-------|------|--------|------|--------|--|--|--|
| Nickel | 13.0 | 0.891 | mg/kg | 4.46 | 8.23 | 107 | 75-125 | | | |
| Selenium | 4.74 | 0.232 | " | 4.46 | 0.362 | 98.2 | 75-125 | | | |
| Silver | 4.63 | 0.0891 | " | 4.46 | 0.0310 | 103 | 75-125 | | | |
| Zinc | 94.9 | 33.0 | " | 44.6 | 50.8 | 98.9 | 75-125 | | | |

Matrix Spike Dup (B5D2808-MSD1)

Source: E5D0762-01

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|----------|------|--------|-------|------|--------|------|--------|------|----|---------------|
| Arsenic | 12.9 | 0.288 | mg/kg | 4.97 | 5.37 | 152 | 75-125 | 26.4 | 20 | QM-07, QR-DUP |
| Barium | 578 | 9.94 | " | 497 | 84.8 | 99.3 | 75-125 | 9.95 | 20 | |
| Cadmium | 5.71 | 0.0994 | " | 4.97 | 0.265 | 109 | 75-125 | 13.9 | 20 | |
| Copper | 63.3 | 9.94 | " | 49.7 | 9.96 | 107 | 75-125 | 15.4 | 20 | |
| Lead | 14.7 | 0.994 | " | 4.97 | 8.75 | 120 | 75-125 | 8.27 | 20 | |
| Nickel | 17.2 | 0.994 | " | 4.97 | 8.23 | 181 | 75-125 | 28.0 | 20 | QM-07, QR-DUP |
| Selenium | 5.40 | 0.259 | " | 4.97 | 0.362 | 101 | 75-125 | 13.0 | 20 | |
| Silver | 5.31 | 0.0994 | " | 4.97 | 0.0310 | 106 | 75-125 | 13.6 | 20 | |
| Zinc | 120 | 36.8 | " | 49.7 | 50.8 | 139 | 75-125 | 23.3 | 20 | QM-07, QR-DUP |

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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Saturated Paste - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2722 - Saturated Paste pH/EC

Blank (B5D2722-BLK1)

Prepared: 04/27/2025 Analyzed: 04/29/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5D2722-DUP1)

Source: E5D0751-07

Prepared: 04/27/2025 Analyzed: 04/29/2025

pH 7.79 pH Units 7.71 1.03 25

Specific Conductance (EC) 1.21 0.00500 mmhos/cm 1.22 1.23 25

Batch B5D2723 - Saturated Paste pH/EC

Blank (B5D2723-BLK1)

Prepared: 04/27/2025 Analyzed: 04/29/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5D2723-DUP1)

Source: E5D0762-03

Prepared: 04/27/2025 Analyzed: 04/29/2025

Specific Conductance (EC) 0.380 0.00500 mmhos/cm 0.742 64.6 25 QR-DUP

pH 8.17 pH Units 8.05 1.48 25

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Kyle Lawrence
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 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2802 - EPA 5030 (soil)

Blank (B5D2802-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------|----|---------|-------|--|--|--|--|--|--|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Benzene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Naphthalene | ND | 0.00380 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |

| | | | | | | | |
|----------------------------------|------|---|--|-------|--|------|--------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.11 | " | | 0.125 | | 87.2 | 70-130 |
| Surrogate: Toluene-d8 | 0.12 | " | | 0.125 | | 98.1 | 70-130 |
| Surrogate: 4-Bromofluorobenzene | 0.12 | " | | 0.125 | | 99.5 | 70-130 |

LCS (B5D2802-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | |
|------------------------|--------|---------|-------|-------|--|------|--------|
| 1,2,4-Trimethylbenzene | 0.111 | 0.00200 | mg/kg | 0.100 | | 111 | 70-130 |
| 1,3,5-Trimethylbenzene | 0.109 | 0.00200 | " | 0.100 | | 109 | 70-130 |
| Benzene | 0.0959 | 0.00200 | " | 0.100 | | 95.9 | 70-130 |
| Ethylbenzene | 0.100 | 0.00200 | " | 0.100 | | 100 | 70-130 |
| Naphthalene | 0.0951 | 0.00380 | " | 0.100 | | 95.1 | 70-130 |
| Toluene | 0.0960 | 0.00200 | " | 0.100 | | 96.0 | 70-130 |
| o-Xylene | 0.105 | 0.00200 | " | 0.100 | | 105 | 70-130 |
| m,p-Xylene | 0.203 | 0.00400 | " | 0.200 | | 101 | 70-130 |

| | | | | | | | |
|----------------------------------|------|---|--|-------|--|------|--------|
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | " | | 0.125 | | 93.4 | 70-130 |
| Surrogate: Toluene-d8 | 0.12 | " | | 0.125 | | 98.4 | 70-130 |
| Surrogate: 4-Bromofluorobenzene | 0.12 | " | | 0.125 | | 94.0 | 70-130 |

Matrix Spike (B5D2802-MS1)

Source: E5D0762-01

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | |
|------------------------|--------|---------|-------|-------|----|------|--------|
| 1,2,4-Trimethylbenzene | 0.0836 | 0.00200 | mg/kg | 0.100 | ND | 83.6 | 70-130 |
|------------------------|--------|---------|-------|-------|----|------|--------|

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Kyle Lawrence
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 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
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| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2802 - EPA 5030 (soil)

Matrix Spike (B5D2802-MS1)

Source: E5D0762-01

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|------------------------|--------|---------|-------|-------|----|------|--------|--|--|-------|
| 1,3,5-Trimethylbenzene | 0.0821 | 0.00200 | mg/kg | 0.100 | ND | 82.1 | 70-130 | | | |
| Benzene | 0.0885 | 0.00200 | " | 0.100 | ND | 88.5 | 70-130 | | | |
| Ethylbenzene | 0.0901 | 0.00200 | " | 0.100 | ND | 90.1 | 70-130 | | | |
| Naphthalene | 0.0561 | 0.00380 | " | 0.100 | ND | 56.1 | 70-130 | | | QM-07 |
| Toluene | 0.0843 | 0.00200 | " | 0.100 | ND | 84.3 | 70-130 | | | |
| o-Xylene | 0.0924 | 0.00200 | " | 0.100 | ND | 92.4 | 70-130 | | | |
| m,p-Xylene | 0.180 | 0.00400 | " | 0.200 | ND | 90.2 | 70-130 | | | |

| | | | | | | | | | | |
|----------------------------------|------|---|---|-------|--|------|--------|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 0.11 | " | " | 0.125 | | 91.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | " | " | 0.125 | | 98.1 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | " | " | 0.125 | | 99.7 | 70-130 | | | |

Matrix Spike Dup (B5D2802-MSD1)

Source: E5D0762-01

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|------------------------|--------|---------|-------|-------|----|------|--------|------|----|-------|
| 1,2,4-Trimethylbenzene | 0.0763 | 0.00200 | mg/kg | 0.100 | ND | 76.3 | 70-130 | 9.13 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0747 | 0.00200 | " | 0.100 | ND | 74.7 | 70-130 | 9.44 | 20 | |
| Benzene | 0.0836 | 0.00200 | " | 0.100 | ND | 83.6 | 70-130 | 5.70 | 20 | |
| Ethylbenzene | 0.0820 | 0.00200 | " | 0.100 | ND | 82.0 | 70-130 | 9.51 | 20 | |
| Naphthalene | 0.0579 | 0.00380 | " | 0.100 | ND | 57.9 | 70-130 | 3.12 | 20 | QM-07 |
| Toluene | 0.0791 | 0.00200 | " | 0.100 | ND | 79.1 | 70-130 | 6.34 | 20 | |
| o-Xylene | 0.0847 | 0.00200 | " | 0.100 | ND | 84.7 | 70-130 | 8.65 | 20 | |
| m,p-Xylene | 0.164 | 0.00400 | " | 0.200 | ND | 82.2 | 70-130 | 9.23 | 20 | |

| | | | | | | | | | | |
|----------------------------------|------|---|---|-------|--|------|--------|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | " | " | 0.125 | | 93.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | " | " | 0.125 | | 97.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | " | " | 0.125 | | 97.9 | 70-130 | | | |

Batch B5D2875 - EPA 5030B (Water)

Blank (B5D2875-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------|----|------|------|--|--|--|--|--|--|---|
| 1,1,1,2-Tetrachloroethane | ND | 1.00 | ug/L | | | | | | | U |
|---------------------------|----|------|------|--|--|--|--|--|--|---|

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Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Blank (B5D2875-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------|----|------|------|--|--|--|--|--|--|---|
| 1,1,1-Trichloroethane | ND | 1.00 | ug/L | | | | | | | U |
| 1,1,2,2-Tetrachloroethane | ND | 1.00 | " | | | | | | | U |
| 1,1,2-Trichloroethane | ND | 1.00 | " | | | | | | | U |
| 1,1-Dichloroethane | ND | 1.00 | " | | | | | | | U |
| 1,1-Dichloroethene | ND | 1.00 | " | | | | | | | U |
| 1,1-Dichloropropene | ND | 1.00 | " | | | | | | | U |
| 1,2,3-Trichlorobenzene | ND | 5.00 | " | | | | | | | U |
| 1,2,3-Trichloropropane | ND | 5.00 | " | | | | | | | U |
| 1,2,4-Trichlorobenzene | ND | 5.00 | " | | | | | | | U |
| 1,2,4-Trimethylbenzene | ND | 1.00 | " | | | | | | | U |
| 1,2-Dibromo-3-chloropropane | ND | 5.00 | " | | | | | | | U |
| 1,2-Dibromoethane (EDB) | ND | 1.50 | " | | | | | | | U |
| 1,2-Dichlorobenzene | ND | 1.00 | " | | | | | | | U |
| 1,2-Dichloroethane | ND | 1.00 | " | | | | | | | U |
| 1,2-Dichloropropane | ND | 1.00 | " | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 1.00 | " | | | | | | | U |
| 1,3-Dichlorobenzene | ND | 1.00 | " | | | | | | | U |
| 1,3-Dichloropropane | ND | 1.00 | " | | | | | | | U |
| 1,4-Dichlorobenzene | ND | 1.00 | " | | | | | | | U |
| 2,2-Dichloropropane | ND | 1.00 | " | | | | | | | U |
| 2-Butanone | ND | 5.00 | " | | | | | | | U |
| 2-Chlorotoluene | ND | 1.00 | " | | | | | | | U |
| 2-Hexanone | ND | 6.00 | " | | | | | | | U |
| 4-Chlorotoluene | ND | 1.00 | " | | | | | | | U |
| 4-Isopropyltoluene | ND | 1.00 | " | | | | | | | U |
| 4-Methyl-2-pentanone | ND | 5.00 | " | | | | | | | U |

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5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Blank (B5D2875-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-------------------------|----|------|------|--|--|--|--|--|--|---|
| Acetone | ND | 8.00 | ug/L | | | | | | | U |
| Benzene | ND | 1.00 | " | | | | | | | U |
| Bromobenzene | ND | 1.00 | " | | | | | | | U |
| Bromochloromethane | ND | 1.00 | " | | | | | | | U |
| Bromodichloromethane | ND | 1.00 | " | | | | | | | U |
| Bromoform | ND | 1.00 | " | | | | | | | U |
| Bromomethane | ND | 1.00 | " | | | | | | | U |
| Carbon disulfide | ND | 5.00 | " | | | | | | | U |
| Carbon tetrachloride | ND | 1.00 | " | | | | | | | U |
| Chlorobenzene | ND | 1.00 | " | | | | | | | U |
| Chloroethane | ND | 1.00 | " | | | | | | | U |
| Chloroform | ND | 1.00 | " | | | | | | | U |
| Chloromethane | ND | 1.00 | " | | | | | | | U |
| cis-1,2-Dichloroethene | ND | 1.00 | " | | | | | | | U |
| cis-1,3-Dichloropropene | ND | 1.00 | " | | | | | | | U |
| Dibromochloromethane | ND | 1.00 | " | | | | | | | U |
| Dibromomethane | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Hexachlorobutadiene | ND | 5.00 | " | | | | | | | U |
| Iodomethane | ND | 10.0 | " | | | | | | | U |
| Isopropylbenzene | ND | 1.00 | " | | | | | | | U |
| m,p-Xylene | ND | 2.00 | " | | | | | | | U |
| Methylene Chloride | ND | 15.0 | " | | | | | | | U |
| Methyl tert-Butyl Ether | ND | 1.00 | " | | | | | | | U |
| Naphthalene | ND | 4.00 | " | | | | | | | U |
| n-Butylbenzene | ND | 1.00 | " | | | | | | | U |

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 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Blank (B5D2875-BLK1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------|----|------|------|--|--|--|--|--|--|---|
| n-Propylbenzene | ND | 1.00 | ug/L | | | | | | | U |
| o-Xylene | ND | 1.00 | " | | | | | | | U |
| sec-Butylbenzene | ND | 1.00 | " | | | | | | | U |
| Styrene | ND | 1.00 | " | | | | | | | U |
| tert-Butylbenzene | ND | 1.00 | " | | | | | | | U |
| Tetrachloroethene | ND | 1.00 | " | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| trans-1,2-Dichloroethene | ND | 1.00 | " | | | | | | | U |
| trans-1,3-Dichloropropene | ND | 1.00 | " | | | | | | | U |
| Trichloroethene | ND | 1.00 | " | | | | | | | U |
| Trichlorofluoromethane | ND | 1.00 | " | | | | | | | U |
| Vinyl chloride | ND | 1.00 | " | | | | | | | U |

| | | | | | | | | | | |
|----------------------------------|----|---|--|------|--|------|--------|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 64 | " | | 62.5 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 61 | " | | 62.5 | | 97.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | " | | 62.5 | | 101 | 70-130 | | | |

LCS (B5D2875-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,1,1,2-Tetrachloroethane | 48.2 | 1.00 | ug/L | 50.0 | | 96.4 | 70-130 | | | |
| 1,1,1-Trichloroethane | 45.6 | 1.00 | " | 50.0 | | 91.1 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 46.0 | 1.00 | " | 50.0 | | 91.9 | 70-130 | | | |
| 1,1,2-Trichloroethane | 46.6 | 1.00 | " | 50.0 | | 93.2 | 70-130 | | | |
| 1,1-Dichloroethane | 44.7 | 1.00 | " | 50.0 | | 89.5 | 70-130 | | | |
| 1,1-Dichloroethene | 43.0 | 1.00 | " | 50.0 | | 86.0 | 70-130 | | | |
| 1,1-Dichloropropene | 46.1 | 1.00 | " | 50.0 | | 92.3 | 70-130 | | | |
| 1,2,3-Trichlorobenzene | 52.5 | 5.00 | " | 50.0 | | 105 | 70-130 | | | |
| 1,2,3-Trichloropropane | 44.2 | 5.00 | " | 50.0 | | 88.4 | 70-130 | | | |
| 1,2,4-Trichlorobenzene | 47.4 | 5.00 | " | 50.0 | | 94.9 | 70-130 | | | |

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Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

LCS (B5D2875-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|-----------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 49.8 | 1.00 | ug/L | 50.0 | | 99.7 | 70-130 | | | |
| 1,2-Dibromo-3-chloropropane | 44.2 | 5.00 | " | 50.0 | | 88.4 | 70-130 | | | |
| 1,2-Dibromoethane (EDB) | 47.5 | 1.50 | " | 50.0 | | 95.0 | 70-130 | | | |
| 1,2-Dichlorobenzene | 49.8 | 1.00 | " | 50.0 | | 99.6 | 70-130 | | | |
| 1,2-Dichloroethane | 45.6 | 1.00 | " | 50.0 | | 91.1 | 70-130 | | | |
| 1,2-Dichloropropane | 43.4 | 1.00 | " | 50.0 | | 86.8 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 50.1 | 1.00 | " | 50.0 | | 100 | 70-130 | | | |
| 1,3-Dichlorobenzene | 47.4 | 1.00 | " | 50.0 | | 94.9 | 70-130 | | | |
| 1,3-Dichloropropane | 48.8 | 1.00 | " | 50.0 | | 97.7 | 70-130 | | | |
| 1,4-Dichlorobenzene | 45.4 | 1.00 | " | 50.0 | | 90.9 | 70-130 | | | |
| 2,2-Dichloropropane | 43.0 | 1.00 | " | 50.0 | | 85.9 | 70-130 | | | |
| 2-Butanone | 253 | 5.00 | " | 250 | | 101 | 70-130 | | | |
| 2-Chlorotoluene | 46.2 | 1.00 | " | 50.0 | | 92.4 | 70-130 | | | |
| 2-Hexanone | 265 | 6.00 | " | 250 | | 106 | 70-130 | | | |
| 4-Chlorotoluene | 48.0 | 1.00 | " | 50.0 | | 96.0 | 70-130 | | | |
| 4-Isopropyltoluene | 49.8 | 1.00 | " | 50.0 | | 99.5 | 70-130 | | | |
| 4-Methyl-2-pentanone | 246 | 5.00 | " | 250 | | 98.2 | 70-130 | | | |
| Acetone | 207 | 8.00 | " | 250 | | 82.9 | 70-130 | | | |
| Benzene | 45.3 | 1.00 | " | 50.0 | | 90.7 | 70-130 | | | |
| Bromobenzene | 46.0 | 1.00 | " | 50.0 | | 91.9 | 70-130 | | | |
| Bromochloromethane | 44.3 | 1.00 | " | 50.0 | | 88.6 | 70-130 | | | |
| Bromodichloromethane | 46.7 | 1.00 | " | 50.0 | | 93.3 | 70-130 | | | |
| Bromoform | 44.5 | 1.00 | " | 50.0 | | 88.9 | 70-130 | | | |
| Bromomethane | 48.3 | 1.00 | " | 50.0 | | 96.6 | 70-130 | | | |
| Carbon disulfide | 43.7 | 5.00 | " | 50.0 | | 87.3 | 70-130 | | | |
| Carbon tetrachloride | 46.4 | 1.00 | " | 50.0 | | 92.8 | 70-130 | | | |

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 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

LCS (B5D2875-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|---------------------------|------|------|------|------|--|------|--------|--|--|--|
| Chlorobenzene | 45.8 | 1.00 | ug/L | 50.0 | | 91.6 | 70-130 | | | |
| Chloroethane | 47.3 | 1.00 | " | 50.0 | | 94.5 | 70-130 | | | |
| Chloroform | 46.6 | 1.00 | " | 50.0 | | 93.2 | 70-130 | | | |
| Chloromethane | 47.0 | 1.00 | " | 50.0 | | 93.9 | 70-130 | | | |
| cis-1,2-Dichloroethene | 44.5 | 1.00 | " | 50.0 | | 89.0 | 70-130 | | | |
| cis-1,3-Dichloropropene | 44.4 | 1.00 | " | 50.0 | | 88.8 | 70-130 | | | |
| Dibromochloromethane | 47.4 | 1.00 | " | 50.0 | | 94.9 | 70-130 | | | |
| Dibromomethane | 43.6 | 1.00 | " | 50.0 | | 87.2 | 70-130 | | | |
| Ethylbenzene | 48.9 | 1.00 | " | 50.0 | | 97.9 | 70-130 | | | |
| Hexachlorobutadiene | 48.4 | 5.00 | " | 50.0 | | 96.7 | 70-130 | | | |
| Iodomethane | 44.0 | 10.0 | " | 50.0 | | 88.0 | 70-130 | | | |
| Isopropylbenzene | 46.9 | 1.00 | " | 50.0 | | 93.8 | 70-130 | | | |
| m,p-Xylene | 98.3 | 2.00 | " | 100 | | 98.3 | 70-130 | | | |
| Methylene Chloride | 44.6 | 15.0 | " | 50.0 | | 89.1 | 70-130 | | | |
| Methyl tert-Butyl Ether | 41.1 | 1.00 | " | 50.0 | | 82.2 | 70-130 | | | |
| Naphthalene | 50.8 | 4.00 | " | 50.0 | | 102 | 70-130 | | | |
| n-Butylbenzene | 52.2 | 1.00 | " | 50.0 | | 104 | 70-130 | | | |
| n-Propylbenzene | 47.7 | 1.00 | " | 50.0 | | 95.3 | 70-130 | | | |
| o-Xylene | 50.0 | 1.00 | " | 50.0 | | 100 | 70-130 | | | |
| sec-Butylbenzene | 51.6 | 1.00 | " | 50.0 | | 103 | 70-130 | | | |
| Styrene | 50.7 | 1.00 | " | 50.0 | | 101 | 70-130 | | | |
| tert-Butylbenzene | 47.8 | 1.00 | " | 50.0 | | 95.5 | 70-130 | | | |
| Tetrachloroethene | 45.3 | 1.00 | " | 50.0 | | 90.6 | 70-130 | | | |
| Toluene | 44.3 | 1.00 | " | 50.0 | | 88.5 | 70-130 | | | |
| trans-1,2-Dichloroethene | 44.5 | 1.00 | " | 50.0 | | 89.1 | 70-130 | | | |
| trans-1,3-Dichloropropene | 50.3 | 1.00 | " | 50.0 | | 101 | 70-130 | | | |

Origins Laboratory

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

LCS (B5D2875-BS1)

Prepared: 04/28/2025 Analyzed: 04/28/2025

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| Trichloroethene | 45.0 | 1.00 | ug/L | 50.0 | | 90.1 | 70-130 | | | |
| Trichlorofluoromethane | 65.2 | 1.00 | " | 50.0 | | 130 | 70-130 | | | |
| Vinyl chloride | 49.2 | 1.00 | " | 50.0 | | 98.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 97.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 60 | | " | 62.5 | | 95.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 99.6 | 70-130 | | | |

Matrix Spike (B5D2875-MS1)

Source: E5D0762-07

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|-----------------------------|------|------|------|------|----|------|--------|--|--|--|
| 1,1,1,2-Tetrachloroethane | 42.6 | 1.00 | ug/L | 50.0 | ND | 85.2 | 70-130 | | | |
| 1,1,1-Trichloroethane | 43.6 | 1.00 | " | 50.0 | ND | 87.2 | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 43.8 | 1.00 | " | 50.0 | ND | 87.6 | 70-130 | | | |
| 1,1,2-Trichloroethane | 44.3 | 1.00 | " | 50.0 | ND | 88.5 | 70-130 | | | |
| 1,1-Dichloroethane | 41.8 | 1.00 | " | 50.0 | ND | 83.6 | 70-130 | | | |
| 1,1-Dichloroethene | 39.8 | 1.00 | " | 50.0 | ND | 79.6 | 70-130 | | | |
| 1,1-Dichloropropene | 43.3 | 1.00 | " | 50.0 | ND | 86.7 | 70-130 | | | |
| 1,2,3-Trichlorobenzene | 48.8 | 5.00 | " | 50.0 | ND | 97.6 | 70-130 | | | |
| 1,2,3-Trichloropropane | 42.8 | 5.00 | " | 50.0 | ND | 85.6 | 70-130 | | | |
| 1,2,4-Trichlorobenzene | 43.4 | 5.00 | " | 50.0 | ND | 86.7 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 44.7 | 1.00 | " | 50.0 | ND | 89.5 | 70-130 | | | |
| 1,2-Dibromo-3-chloropropane | 40.4 | 5.00 | " | 50.0 | ND | 80.9 | 70-130 | | | |
| 1,2-Dibromoethane (EDB) | 44.5 | 1.50 | " | 50.0 | ND | 89.1 | 70-130 | | | |
| 1,2-Dichlorobenzene | 43.9 | 1.00 | " | 50.0 | ND | 87.8 | 70-130 | | | |
| 1,2-Dichloroethane | 42.0 | 1.00 | " | 50.0 | ND | 84.0 | 70-130 | | | |
| 1,2-Dichloropropane | 41.8 | 1.00 | " | 50.0 | ND | 83.6 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 45.3 | 1.00 | " | 50.0 | ND | 90.6 | 70-130 | | | |
| 1,3-Dichlorobenzene | 41.5 | 1.00 | " | 50.0 | ND | 83.0 | 70-130 | | | |
| 1,3-Dichloropropane | 44.9 | 1.00 | " | 50.0 | ND | 89.9 | 70-130 | | | |

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 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Matrix Spike (B5D2875-MS1)

Source: E5D0762-07

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|-------------------------|------|------|------|------|----|------|--------|--|--|--|
| 1,4-Dichlorobenzene | 42.1 | 1.00 | ug/L | 50.0 | ND | 84.2 | 70-130 | | | |
| 2,2-Dichloropropane | 41.5 | 1.00 | " | 50.0 | ND | 83.0 | 70-130 | | | |
| 2-Butanone | 247 | 5.00 | " | 250 | ND | 98.7 | 70-130 | | | |
| 2-Chlorotoluene | 43.5 | 1.00 | " | 50.0 | ND | 87.0 | 70-130 | | | |
| 2-Hexanone | 245 | 6.00 | " | 250 | ND | 98.1 | 70-130 | | | |
| 4-Chlorotoluene | 43.0 | 1.00 | " | 50.0 | ND | 85.9 | 70-130 | | | |
| 4-Isopropyltoluene | 46.1 | 1.00 | " | 50.0 | ND | 92.2 | 70-130 | | | |
| 4-Methyl-2-pentanone | 242 | 5.00 | " | 250 | ND | 96.6 | 70-130 | | | |
| Acetone | 196 | 8.00 | " | 250 | ND | 78.6 | 70-130 | | | |
| Benzene | 42.9 | 1.00 | " | 50.0 | ND | 85.8 | 70-130 | | | |
| Bromobenzene | 42.2 | 1.00 | " | 50.0 | ND | 84.5 | 70-130 | | | |
| Bromochloromethane | 42.6 | 1.00 | " | 50.0 | ND | 85.2 | 70-130 | | | |
| Bromodichloromethane | 43.4 | 1.00 | " | 50.0 | ND | 86.9 | 70-130 | | | |
| Bromoform | 41.1 | 1.00 | " | 50.0 | ND | 82.2 | 70-130 | | | |
| Bromomethane | 57.6 | 1.00 | " | 50.0 | ND | 115 | 70-130 | | | |
| Carbon disulfide | 42.1 | 5.00 | " | 50.0 | ND | 84.2 | 70-130 | | | |
| Carbon tetrachloride | 44.2 | 1.00 | " | 50.0 | ND | 88.4 | 70-130 | | | |
| Chlorobenzene | 42.6 | 1.00 | " | 50.0 | ND | 85.3 | 70-130 | | | |
| Chloroethane | 59.5 | 1.00 | " | 50.0 | ND | 119 | 70-130 | | | |
| Chloroform | 41.4 | 1.00 | " | 50.0 | ND | 82.9 | 70-130 | | | |
| Chloromethane | 48.2 | 1.00 | " | 50.0 | ND | 96.4 | 70-130 | | | |
| cis-1,2-Dichloroethene | 42.7 | 1.00 | " | 50.0 | ND | 85.4 | 70-130 | | | |
| cis-1,3-Dichloropropene | 41.3 | 1.00 | " | 50.0 | ND | 82.5 | 70-130 | | | |
| Dibromochloromethane | 44.6 | 1.00 | " | 50.0 | ND | 89.2 | 70-130 | | | |
| Dibromomethane | 42.7 | 1.00 | " | 50.0 | ND | 85.4 | 70-130 | | | |
| Ethylbenzene | 42.9 | 1.00 | " | 50.0 | ND | 85.8 | 70-130 | | | |

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

| Matrix Spike (B5D2875-MS1) | | Source: E5D0762-07 | | | Prepared: 04/28/2025 Analyzed: 04/29/2025 | | | | | |
|-----------------------------------|------|---------------------------|------|------|--|------|--------|--|--|--|
| Hexachlorobutadiene | 43.4 | 5.00 | ug/L | 50.0 | ND | 86.8 | 70-130 | | | |
| Iodomethane | 41.6 | 10.0 | " | 50.0 | ND | 83.1 | 70-130 | | | |
| Isopropylbenzene | 43.7 | 1.00 | " | 50.0 | ND | 87.5 | 70-130 | | | |
| m,p-Xylene | 86.5 | 2.00 | " | 100 | ND | 86.5 | 70-130 | | | |
| Methylene Chloride | 41.9 | 15.0 | " | 50.0 | ND | 83.9 | 70-130 | | | |
| Methyl tert-Butyl Ether | 35.4 | 1.00 | " | 50.0 | ND | 70.8 | 70-130 | | | |
| Naphthalene | 46.4 | 4.00 | " | 50.0 | ND | 92.8 | 70-130 | | | |
| n-Butylbenzene | 46.9 | 1.00 | " | 50.0 | ND | 93.8 | 70-130 | | | |
| n-Propylbenzene | 44.6 | 1.00 | " | 50.0 | ND | 89.2 | 70-130 | | | |
| o-Xylene | 44.5 | 1.00 | " | 50.0 | ND | 89.1 | 70-130 | | | |
| sec-Butylbenzene | 45.8 | 1.00 | " | 50.0 | ND | 91.6 | 70-130 | | | |
| Styrene | 44.6 | 1.00 | " | 50.0 | ND | 89.2 | 70-130 | | | |
| tert-Butylbenzene | 42.0 | 1.00 | " | 50.0 | ND | 84.0 | 70-130 | | | |
| Tetrachloroethene | 43.4 | 1.00 | " | 50.0 | ND | 86.8 | 70-130 | | | |
| Toluene | 43.6 | 1.00 | " | 50.0 | ND | 87.3 | 70-130 | | | |
| trans-1,2-Dichloroethene | 41.7 | 1.00 | " | 50.0 | ND | 83.3 | 70-130 | | | |
| trans-1,3-Dichloropropene | 46.4 | 1.00 | " | 50.0 | ND | 92.7 | 70-130 | | | |
| Trichloroethene | 42.3 | 1.00 | " | 50.0 | ND | 84.6 | 70-130 | | | |
| Trichlorofluoromethane | 52.3 | 1.00 | " | 50.0 | ND | 105 | 70-130 | | | |
| Vinyl chloride | 50.3 | 1.00 | " | 50.0 | ND | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 64 | | " | 62.5 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 98.5 | 70-130 | | | |

| Matrix Spike Dup (B5D2875-MSD1) | | Source: E5D0762-07 | | | Prepared: 04/28/2025 Analyzed: 04/29/2025 | | | | | |
|--|------|---------------------------|------|------|--|-----|--------|------|----|-------|
| 1,1,1,2-Tetrachloroethane | 52.3 | 1.00 | ug/L | 50.0 | ND | 105 | 70-130 | 20.5 | 20 | QR-02 |
| 1,1,1-Trichloroethane | 51.0 | 1.00 | " | 50.0 | ND | 102 | 70-130 | 15.7 | 20 | |

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CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Matrix Spike Dup (B5D2875-MSD1)

Source: E5D0762-07

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|-----------------------------|------|------|------|------|----|------|--------|------|----|-------|
| 1,1,2,2-Tetrachloroethane | 54.0 | 1.00 | ug/L | 50.0 | ND | 108 | 70-130 | 20.9 | 20 | QR-02 |
| 1,1,2-Trichloroethane | 52.6 | 1.00 | " | 50.0 | ND | 105 | 70-130 | 17.2 | 20 | |
| 1,1-Dichloroethane | 48.3 | 1.00 | " | 50.0 | ND | 96.7 | 70-130 | 14.4 | 20 | |
| 1,1-Dichloroethene | 45.9 | 1.00 | " | 50.0 | ND | 91.8 | 70-130 | 14.2 | 20 | |
| 1,1-Dichloropropene | 50.5 | 1.00 | " | 50.0 | ND | 101 | 70-130 | 15.3 | 20 | |
| 1,2,3-Trichlorobenzene | 56.9 | 5.00 | " | 50.0 | ND | 114 | 70-130 | 15.3 | 20 | |
| 1,2,3-Trichloropropane | 51.6 | 5.00 | " | 50.0 | ND | 103 | 70-130 | 18.7 | 20 | |
| 1,2,4-Trichlorobenzene | 51.4 | 5.00 | " | 50.0 | ND | 103 | 70-130 | 17.1 | 20 | |
| 1,2,4-Trimethylbenzene | 54.8 | 1.00 | " | 50.0 | ND | 110 | 70-130 | 20.2 | 20 | QR-02 |
| 1,2-Dibromo-3-chloropropane | 51.1 | 5.00 | " | 50.0 | ND | 102 | 70-130 | 23.2 | 20 | QR-02 |
| 1,2-Dibromoethane (EDB) | 53.2 | 1.50 | " | 50.0 | ND | 106 | 70-130 | 17.6 | 20 | |
| 1,2-Dichlorobenzene | 52.0 | 1.00 | " | 50.0 | ND | 104 | 70-130 | 16.8 | 20 | |
| 1,2-Dichloroethane | 49.7 | 1.00 | " | 50.0 | ND | 99.4 | 70-130 | 16.8 | 20 | |
| 1,2-Dichloropropane | 49.8 | 1.00 | " | 50.0 | ND | 99.7 | 70-130 | 17.6 | 20 | |
| 1,3,5-Trimethylbenzene | 55.2 | 1.00 | " | 50.0 | ND | 110 | 70-130 | 19.6 | 20 | |
| 1,3-Dichlorobenzene | 51.6 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 21.7 | 20 | QR-02 |
| 1,3-Dichloropropane | 53.6 | 1.00 | " | 50.0 | ND | 107 | 70-130 | 17.6 | 20 | |
| 1,4-Dichlorobenzene | 49.0 | 1.00 | " | 50.0 | ND | 98.0 | 70-130 | 15.1 | 20 | |
| 2,2-Dichloropropane | 47.8 | 1.00 | " | 50.0 | ND | 95.6 | 70-130 | 14.1 | 20 | |
| 2-Butanone | 289 | 5.00 | " | 250 | ND | 115 | 70-130 | 15.6 | 20 | |
| 2-Chlorotoluene | 53.0 | 1.00 | " | 50.0 | ND | 106 | 70-130 | 19.7 | 20 | |
| 2-Hexanone | 296 | 6.00 | " | 250 | ND | 118 | 70-130 | 18.6 | 20 | |
| 4-Chlorotoluene | 52.4 | 1.00 | " | 50.0 | ND | 105 | 70-130 | 19.7 | 20 | |
| 4-Isopropyltoluene | 54.8 | 1.00 | " | 50.0 | ND | 110 | 70-130 | 17.3 | 20 | |
| 4-Methyl-2-pentanone | 301 | 5.00 | " | 250 | ND | 120 | 70-130 | 21.8 | 20 | QR-02 |
| Acetone | 220 | 8.00 | " | 250 | ND | 88.1 | 70-130 | 11.4 | 20 | |

Origins Laboratory



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CTEH
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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Matrix Spike Dup (B5D2875-MSD1)

Source: E5D0762-07

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|-------------------------|------|------|------|------|----|------|--------|------|----|-------|
| Benzene | 49.8 | 1.00 | ug/L | 50.0 | ND | 99.7 | 70-130 | 15.0 | 20 | |
| Bromobenzene | 51.3 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 19.3 | 20 | |
| Bromochloromethane | 49.3 | 1.00 | " | 50.0 | ND | 98.6 | 70-130 | 14.5 | 20 | |
| Bromodichloromethane | 51.5 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 17.1 | 20 | |
| Bromoform | 53.4 | 1.00 | " | 50.0 | ND | 107 | 70-130 | 26.0 | 20 | QR-02 |
| Bromomethane | 50.2 | 1.00 | " | 50.0 | ND | 100 | 70-130 | 13.8 | 20 | |
| Carbon disulfide | 48.4 | 5.00 | " | 50.0 | ND | 96.7 | 70-130 | 13.8 | 20 | |
| Carbon tetrachloride | 51.4 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 15.0 | 20 | |
| Chlorobenzene | 49.9 | 1.00 | " | 50.0 | ND | 99.8 | 70-130 | 15.6 | 20 | |
| Chloroethane | 51.5 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 14.5 | 20 | |
| Chloroform | 48.7 | 1.00 | " | 50.0 | ND | 97.4 | 70-130 | 16.1 | 20 | |
| Chloromethane | 41.5 | 1.00 | " | 50.0 | ND | 83.0 | 70-130 | 14.9 | 20 | |
| cis-1,2-Dichloroethene | 49.2 | 1.00 | " | 50.0 | ND | 98.3 | 70-130 | 14.0 | 20 | |
| cis-1,3-Dichloropropene | 49.0 | 1.00 | " | 50.0 | ND | 98.0 | 70-130 | 17.2 | 20 | |
| Dibromochloromethane | 53.3 | 1.00 | " | 50.0 | ND | 107 | 70-130 | 17.8 | 20 | |
| Dibromomethane | 50.5 | 1.00 | " | 50.0 | ND | 101 | 70-130 | 16.7 | 20 | |
| Ethylbenzene | 52.0 | 1.00 | " | 50.0 | ND | 104 | 70-130 | 19.1 | 20 | |
| Hexachlorobutadiene | 51.7 | 5.00 | " | 50.0 | ND | 103 | 70-130 | 17.5 | 20 | |
| Iodomethane | 47.9 | 10.0 | " | 50.0 | ND | 95.7 | 70-130 | 14.1 | 20 | |
| Isopropylbenzene | 52.8 | 1.00 | " | 50.0 | ND | 106 | 70-130 | 18.8 | 20 | |
| m,p-Xylene | 104 | 2.00 | " | 100 | ND | 104 | 70-130 | 18.6 | 20 | |
| Methylene Chloride | 48.2 | 15.0 | " | 50.0 | ND | 96.3 | 70-130 | 13.8 | 20 | |
| Methyl tert-Butyl Ether | 41.8 | 1.00 | " | 50.0 | ND | 83.6 | 70-130 | 16.6 | 20 | |
| Naphthalene | 58.5 | 4.00 | " | 50.0 | ND | 117 | 70-130 | 23.0 | 20 | QR-02 |
| n-Butylbenzene | 55.0 | 1.00 | " | 50.0 | ND | 110 | 70-130 | 16.0 | 20 | |
| n-Propylbenzene | 54.1 | 1.00 | " | 50.0 | ND | 108 | 70-130 | 19.3 | 20 | |

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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5D2875 - EPA 5030B (Water)

Matrix Spike Dup (B5D2875-MSD1)

Source: E5D0762-07

Prepared: 04/28/2025 Analyzed: 04/29/2025

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|----|------|--------|------|----|-------|
| o-Xylene | 54.2 | 1.00 | ug/L | 50.0 | ND | 108 | 70-130 | 19.6 | 20 | |
| sec-Butylbenzene | 56.5 | 1.00 | " | 50.0 | ND | 113 | 70-130 | 21.0 | 20 | QR-02 |
| Styrene | 54.6 | 1.00 | " | 50.0 | ND | 109 | 70-130 | 20.2 | 20 | QR-02 |
| tert-Butylbenzene | 52.9 | 1.00 | " | 50.0 | ND | 106 | 70-130 | 22.9 | 20 | QR-02 |
| Tetrachloroethene | 50.6 | 1.00 | " | 50.0 | ND | 101 | 70-130 | 15.4 | 20 | |
| Toluene | 51.3 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 16.1 | 20 | |
| trans-1,2-Dichloroethene | 47.8 | 1.00 | " | 50.0 | ND | 95.6 | 70-130 | 13.8 | 20 | |
| trans-1,3-Dichloropropene | 55.5 | 1.00 | " | 50.0 | ND | 111 | 70-130 | 17.9 | 20 | |
| Trichloroethene | 49.7 | 1.00 | " | 50.0 | ND | 99.3 | 70-130 | 16.0 | 20 | |
| Trichlorofluoromethane | 44.8 | 1.00 | " | 50.0 | ND | 89.5 | 70-130 | 15.6 | 20 | |
| Vinyl chloride | 43.3 | 1.00 | " | 50.0 | ND | 86.6 | 70-130 | 15.0 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 63 | | " | 62.5 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 64 | | " | 62.5 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 70-130 | | | |

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Notes and Definitions

- U Sample is Non-Detect.
 - QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
 - QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
 - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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