**DEPARTMENT OF THE ARMY**
**OFFICE OF THE DEPUTY CHIEF OF STAFF, G-9**
**600 ARMY PENTAGON**
**WASHINGTON, DC 20310-0600**

February 10, 2022

Base Realignment and Closure Operations Branch

Mr. Rick Shean
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

RE: Corrective Action Management Unit (CAMU) Biennial Sampling Event, Parcel 3 Closure and Corrective Action Army Response, Fort Wingate Depot Activity, McKinley County, New Mexico. EPA# NM6213820974

Dear Mr. Shean:

This letter is in reply to the New Mexico Environment Department (NMED) Letter of Approval with Modifications dated January 10, 2022, reference number HWB-FWDA-19-004 and HWB-FWDA-21-005, Corrective Action Management Unit (CAMU) Biennial Sampling Event, Parcel 3 Closure and Corrective Action, dated January 21, 2020 (2019 Report) and October 18, 2021 (2021 Report).

Based on the NMED Letter of Approval with Modifications dated January 10, 2022, no revisions are required to the CAMU Biennial Sampling Event reports; however, the comments must be addressed in a response letter. Therefore, this letter is being provided address NMED comments. The following are Army's response to NMED comments.

**Comment for the 2019 Report:**

**Comment No. 1:** Data Validation for VOCs, Pages 11 and 12 of 1284

> **NMED Comment:** The text notes that some sample results for acetone, methylene chloride, and 2-butanone were qualified as "U" based on professional judgement. The only line of evidence (LOE) offered in support of this statement is that all three constituents are known laboratory contaminants
>
> Examination of Appendix VII, Summary of Common Laboratory Contaminants, Concentration Requirements, and Risk Assessment Implications (Appendix) of the US Environmental Protection Agency's (USAPE) Guidance of Data Usability shows acetone, methylene chloride, and 2-butanone and potential laboratory contaminants. The Appendix also notes that sample concentrations less than ten times that detected in the method blank should be reported as undetected for these three constituents. In addition, the Appendix states that if the constituent concentration is greater than ten times the blank concentration, the constituent should be included in the risk analysis.
>
> Other evidence for the inclusion of these constituents in the risk analysis is also provided in the Appendix (e.g., include acetone of concentrations are less than ten times the method blank and there are multiple chlorinated volatiles analysis detected. According to

the data provided in the CAMU Sampling Report, acetone was detected at a concentration over ten times that found in the method blank (0.005 milligrams per kilogram [mg/kg]) “U” versus 0.057 mg/kg “U” and one detection of 2-butanone is equal to ten times the level measured in the method blank. To safeguard against exclusion of potential risk from the screening analysis, review the method blank and site sampling for acetone, methylene chloride, and 2- butanone and provide additional LOEs supporting the assertion that the concentrations are indicative of laboratory contaminants and not contamination from the CAMU. Ensure the LOE provided are based on the recommendations in the Appendix. Include all constituents in the risk analysis for which such LOEs cannot be provided.

No revision to the Report is required, However, the comment above must be addressed in the next biennial sampling event report, as necessary.

**Army Response:** Concur. LOEs will be provided that demonstrate detected concentrations of acetone, methylene chloride, and 2-butanone are indicative of laboratory contamination and not contamination from the CAMU. Constituents will be included in the risk screen of the next biennial sampling report when LOEs cannot be provided. No revision required as stated in the NMED comment.

**Comment for the 2021 Report:**

**Comment No. 2:** Discussion of Results, Sample Analysis, lines 25-27, page 5

**Permittee Statement:** “The collected samples were submitted for analysis of explosives by EPA method 8330B, TAL metals by EPA method 6020A, mercury by EPA method 7471B, DRO/ORO by EPA method 8015D, and perchlorate by SW6850.”

**NMED Comment**: The results and discussion regarding volatile organic compounds (VOC) analysis were included in the 2019 Report. However, VOC analysis was not conducted or reported in the 2021 Report. Explain why VOC analysis was not conducted during this reporting period in a response letter

**Army Response:** In accordance with the NMED-Approved Final CAMU Sampling Work Plan, dated April 11, 2013, VOCs sampling and analysis is required as part of the baseline and closure sampling events only. The VOCs analysis collected and reported in the 2019 report was not required. However, the Army did complete VOCs analysis as part of the 2021 biennial sampling event for its own purposes. The analytical results are included with this letter. The next planned VOCs analysis at the CAMU is planned to occur during the closure sampling event.

If you have questions or require further information, please contact me at George.h.cushman.civ@army.mil, 703-455-3234 (Temporary Home Office, preferred) or 703-608-2245 (Mobile).

Sincerely,

George H. Cushman IV

George H. Cushman IV
BRAC Environmental Coordinator
Fort Wingate Depot Activity
BRAC Operations Branch
Environmental Division

Enclosures

CF:

Dave Cobrain, NMED, HWB
Ben Wear NMED, HWB
Michiya Suzuki, NMED, HWB
Lucas McKinney, U.S. EPA Region 6
Ian Thomas, BRAC OPS
George H. Cushman, BRAC OPS
Alan Soicher, USACE
Saqib Khan, USACE
Admin Record, NM / Ohio

VOCs Result Tables

TABLE__-__. SUMMARY OF ANALYTICAL DATA

| FIELD ID<br>DATE COLLECTED | CAS Number | Residential Value (cancer endpoint) | Residential Value (non-cancer endpoint) | Source | 0314-CAMUBA-SS-017D-SO<br>June 2, 2021 | | | | | | 0314-CAMUBA-SS-0018D-SO<br>June 2, 2021 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier |
| **VOLATILE ORGANIC COMPOUNDS (mg/kg)** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 28.1 | 2350 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 14400 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0004 | U | | 0.002 | 0.005 | 0.002 | 0.0004 | U | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 7.98 | 1560 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,1,2-Trichloroethane | 79-00-5 | 18.8 | 2.61 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethane | 75-34-3 | 78.6 | 15600 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethene | 75-35-4 | NS | 440 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,1-Dichloropropene | 563-58-6 | 29.3 | 141 | NMED[S] | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2,3-Trichlorobenzene | 87-61-6 | NS | 63 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,3-Trichloropropane | 96-18-4 | 0.051 | 7.09 | NMED | 0.005 | 0.02 | 0.005 | 0.001 | U | | 0.005 | 0.02 | 0.005 | 0.001 | U | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 240 | 82.9 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 300 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.0858 | 5.88 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | 0.672 | 135 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0015 | U | | 0.002 | 0.005 | 0.002 | 0.0014 | U | |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 2150 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2-Dichloroethane | 107-06-2 | 8.32 | 55.6 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2-Dichloropropane | 78-87-5 | 17.8 | 29 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 270 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,3-Dichlorobenzene | 541-73-1 | 1290 | 5480 | NMED[S] | 0.0021 | 0.005 | 0.0021 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3-Dichloropropane | 142-28-9 | NS | 1600 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,4-Dichlorobenzene | 106-46-7 | 1290 | 5480 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 2,2-Dichloropropane | 594-20-7 | 17.8 | 29 | NMED[S] | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Butanone | 78-93-3 | NS | 37400 | NMED | 0.003 | 0.01 | 0.003 | 0.002 | U | | 0.003 | 0.01 | 0.003 | 0.002 | U | |
| 2-Chlorotoluene | 95-49-8 | NS | 1560 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Hexanone | 591-78-6 | NS | 200 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| 4-Chlorotoluene | 106-43-4 | NS | 1600 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 4-Methyl-2-Pentanone | 108-10-1 | NS | 5810 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Acetone | 67-64-1 | NS | 66300 | NMED | 0.1 | 0.1 | 0.005 | 0.003 | | U | 0.052 | 0.052 | 0.005 | 0.003 | | U |
| Benzene | 71-43-2 | 17.8 | 114 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| Bromobenzene | 108-86-1 | NS | 290 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromochloromethane | 74-97-5 | NS | 150 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Bromodichloromethane | 75-27-4 | 6.19 | 1560 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| Bromoform | 75-25-2 | 674 | 1230 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromomethane | 74-83-9 | NS | 17.7 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Disulfide | 75-15-0 | NS | 1550 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Tetrachloride | 56-23-5 | 10.7 | 144 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Chlorobenzene | 108-90-7 | NS | 378 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Chloroethane | 75-00-3 | NS | 19000 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloroform | 67-66-3 | 5.9 | 306 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloromethane | 74-87-3 | 41.1 | 268 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| cis-1,2-Dichloroethene | 156-59-2 | NS | 156 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| cis-1,3-Dichloropropene | 10061-01-5 | 29.3 | 141 | NMED[S] | 0.0021 | 0.005 | 0.0021 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dibromochloromethane | 124-48-1 | 13.9 | 1230 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Dibromomethane | 74-95-3 | NS | 57.9 | NMED | 0.0021 | 0.005 | 0.0021 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dichlorodifluoromethane | 75-71-8 | NS | 182 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Ethylbenzene | 100-41-4 | 75.1 | 3930 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Hexachlorobutadiene | 87-68-3 | 68.3 | 61.6 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | 2360 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| m,p-Xylene (sum of isomers) | 136777-61-2 | NS | 764 | NMED[S] | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| Methyl t-Butyl Ether | 1634-04-4 | 975 | 37800 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Methylene Chloride | 75-09-2 | 766 | 409 | NMED | 0.011 | 0.02 | 0.011 | 0.001 | U | | 0.01 | 0.02 | 0.01 | 0.001 | U | |
| n-Butylbenzene | 104-51-8 | NS | 3900 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| n-Propylbenzene | 103-65-1 | NS | 3800 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Naphthalene | 91-20-3 | 49.7 | 162 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| o-Xylene | 95-47-6 | NS | 805 | NMED | 0.0026 | 0.005 | 0.0026 | 0.0014 | U | | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | |
| p-Isopropyltoluene | 99-87-6 | NS | 2360 | NMED[S] | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| sec-Butylbenzene | 135-98-8 | NS | 7800 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Styrene | 100-42-5 | NS | 7260 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| tert-Butylbenzene | 98-06-6 | NS | 7800 | RSL | 0.0021 | 0.005 | 0.0021 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Tetrachloroethene | 127-18-4 | 337 | 111 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Toluene | 108-88-3 | NS | 5230 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,2-Dichloroethene | 156-60-5 | NS | 295 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,3-Dichloropropene | 10061-02-6 | 29.3 | 141 | NMED[S] | 0.0021 | 0.005 | 0.0021 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichloroethene | 79-01-6 | 15.5 | 6.77 | NMED | 0.0021 | 0.005 | 0.0021 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichlorofluoromethane | 75-69-4 | NS | 1230 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Vinyl Chloride | 75-01-4 | 0.742 | 113 | NMED | 0.0021 | 0.005 | 0.0021 | 0.0011 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |

Notes:
DL =Detection limit
J = Estimated
LOD = Limit of Detection
LOQ = Limit of Quantitation
mg/kg = milligrams per kilogram
NMED = New Mexico Environment Department Screening Levels (Latest update).
NS = No standard
Qual = Qualifier
RSL = Regional Screening Levels (Latest Update).
s = surrogate
U = Nondetect
UJ = Estimated Nondetect
The following screening values are based on surrogate:
1-4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene.
1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane.
1,3-Dichloropropene was used for 1,1-dichloropropene and *cis* - and *trans* - 1,3-dichloropropene.
Isopropylbenzene was used as a surrogate for p-isopropyl toluene.
m-Xylene was used as a surrogate for m,p-Xylenes
Shaded results exceed Residential Value

TABLE__-__. SUMMARY OF ANALYTICAL DATA

| FIELD ID / DATE COLLECTED | CAS Number | Residential Value (cancer endpoint) | Residential Value (non-cancer endpoint) | Source | 0314-CAMUBA-SS-0019D-SO June 2, 2021 | | | | | | 0314-CAMUBA-SS-0020D-SO June 2, 2021 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier |
| **VOLATILE ORGANIC COMPOUNDS (mg/kg)** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 28.1 | 2350 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 14400 | NMED | 0.002 | 0.005 | 0.002 | 0.0004 | U | | 0.002 | 0.005 | 0.002 | 0.0004 | U | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 7.98 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,1,2-Trichloroethane | 79-00-5 | 18.8 | 2.61 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethane | 75-34-3 | 78.6 | 15600 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethene | 75-35-4 | NS | 440 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,1-Dichloropropene | 563-58-6 | 29.3 | 141 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2,3-Trichlorobenzene | 87-61-6 | NS | 63 | RSL | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,3-Trichloropropane | 96-18-4 | 0.051 | 7.09 | NMED | 0.005 | 0.02 | 0.005 | 0.001 | U | | 0.005 | 0.02 | 0.005 | 0.001 | U | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 240 | 82.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 300 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.0858 | 5.88 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | 0.672 | 135 | NMED | 0.002 | 0.005 | 0.002 | 0.0014 | U | | 0.002 | 0.005 | 0.002 | 0.0014 | U | |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 2150 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2-Dichloroethane | 107-06-2 | 8.32 | 55.6 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2-Dichloropropane | 78-87-5 | 17.8 | 29 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 270 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,3-Dichlorobenzene | 541-73-1 | 1290 | 5480 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3-Dichloropropane | 142-28-9 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,4-Dichlorobenzene | 106-46-7 | 1290 | 5480 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 2,2-Dichloropropane | 594-20-7 | 17.8 | 29 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Butanone | 78-93-3 | NS | 37400 | NMED | 0.003 | 0.01 | 0.003 | 0.002 | U | | 0.003 | 0.01 | 0.003 | 0.002 | U | |
| 2-Chlorotoluene | 95-49-8 | NS | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Hexanone | 591-78-6 | NS | 200 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| 4-Chlorotoluene | 106-43-4 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 4-Methyl-2-Pentanone | 108-10-1 | NS | 5810 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Acetone | 67-64-1 | NS | 66300 | NMED | 0.11 | 0.11 | 0.005 | 0.003 | | U | 0.08 | 0.08 | 0.005 | 0.003 | | U |
| Benzene | 71-43-2 | 17.8 | 114 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| Bromobenzene | 108-86-1 | NS | 290 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromochloromethane | 74-97-5 | NS | 150 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Bromodichloromethane | 75-27-4 | 6.19 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| Bromoform | 75-25-2 | 674 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromomethane | 74-83-9 | NS | 17.7 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Disulfide | 75-15-0 | NS | 1550 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Tetrachloride | 56-23-5 | 10.7 | 144 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Chlorobenzene | 108-90-7 | NS | 378 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Chloroethane | 75-00-3 | NS | 19000 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloroform | 67-66-3 | 5.9 | 306 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloromethane | 74-87-3 | 41.1 | 268 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| cis-1,2-Dichloroethene | 156-59-2 | NS | 156 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| cis-1,3-Dichloropropene | 10061-01-5 | 29.3 | 141 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dibromochloromethane | 124-48-1 | 13.9 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Dibromomethane | 74-95-3 | NS | 57.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dichlorodifluoromethane | 75-71-8 | NS | 182 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Ethylbenzene | 100-41-4 | 75.1 | 3930 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Hexachlorobutadiene | 87-68-3 | 68.3 | 61.6 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | 2360 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| m,p-Xylene (sum of isomers) | 136777-61-2 | NS | 764 | NMED[S] | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| Methyl t-Butyl Ether | 1634-04-4 | 975 | 37800 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Methylene Chloride | 75-09-2 | 766 | 409 | NMED | 0.01 | 0.02 | 0.01 | 0.001 | U | | 0.01 | 0.02 | 0.01 | 0.001 | U | |
| n-Butylbenzene | 104-51-8 | NS | 3900 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| n-Propylbenzene | 103-65-1 | NS | 3800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Naphthalene | 91-20-3 | 49.7 | 162 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| o-Xylene | 95-47-6 | NS | 805 | NMED | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | |
| p-Isopropyltoluene | 99-87-6 | NS | 2360 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| sec-Butylbenzene | 135-98-8 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Styrene | 100-42-5 | NS | 7260 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| tert-Butylbenzene | 98-06-6 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Tetrachloroethene | 127-18-4 | 337 | 111 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Toluene | 108-88-3 | NS | 5230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,2-Dichloroethene | 156-60-5 | NS | 295 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,3-Dichloropropene | 10061-02-6 | 29.3 | 141 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichloroethene | 79-01-6 | 15.5 | 6.77 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichlorofluoromethane | 75-69-4 | NS | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Vinyl Chloride | 75-01-4 | 0.742 | 113 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |

Notes:
DL =Detection limit
J = Estimated
LOD = Limit of Detection
LOQ = Limit of Quantitation
mg/kg = milligrams per kilogram
NMED = New Mexico Environment Department Screening Levels (Latest update).
NS = No standard
Qual = Qualifier
RSL = Regional Screening Levels (Latest Update).
s = surrogate
U = Nondetect
UJ = Estimated Nondetect
The following screening values are based on surrogate:
1-4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene.
1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane.
1,3-Dichloropropene was used for 1,1-dichloropropene and *cis* - and *trans* - 1,3-dichloropropene.
Isopropylbenzene was used as a surrogate for p-isopropyl toluene.
m-Xylene was used as a surrogate for m,p-Xylenes
Shaded results exceed Residential Value

TABLE__-__. SUMMARY OF ANALYTICAL DATA

| FIELD ID<br>DATE COLLECTED | CAS Number | Residential Value (cancer endpoint) | Residential Value (non-cancer endpoint) | Source | 0314-CAMUBA-SS-0021D-SO<br>June 2, 2021 | | | | | | 0314-CAMUBA-SS-0022D-SO<br>June 2, 2021 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier |
| **VOLATILE ORGANIC COMPOUNDS (mg/kg)** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 28.1 | 2350 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 14400 | NMED | 0.002 | 0.005 | 0.002 | 0.0004 | U | | 0.002 | 0.005 | 0.002 | 0.0004 | U | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 7.98 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,1,2-Trichloroethane | 79-00-5 | 18.8 | 2.61 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethane | 75-34-3 | 78.6 | 15600 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethene | 75-35-4 | NS | 440 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,1-Dichloropropene | 563-58-6 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2,3-Trichlorobenzene | 87-61-6 | NS | 63 | RSL | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,3-Trichloropropane | 96-18-4 | 0.051 | 7.09 | NMED | 0.005 | 0.02 | 0.005 | 0.001 | U | | 0.005 | 0.02 | 0.005 | 0.001 | U | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 240 | 82.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 300 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.0858 | 5.88 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | 0.672 | 135 | NMED | 0.002 | 0.005 | 0.002 | 0.0014 | U | | 0.002 | 0.005 | 0.002 | 0.0014 | U | |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 2150 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2-Dichloroethane | 107-06-2 | 8.32 | 55.6 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2-Dichloropropane | 78-87-5 | 17.8 | 29 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 270 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,3-Dichlorobenzene | 541-73-1 | 1290 | 5480 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3-Dichloropropane | 142-28-9 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,4-Dichlorobenzene | 106-46-7 | 1290 | 5480 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 2,2-Dichloropropane | 594-20-7 | 17.8 | 29 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Butanone | 78-93-3 | NS | 37400 | NMED | 0.003 | 0.01 | 0.003 | 0.002 | U | | 0.003 | 0.01 | 0.003 | 0.002 | U | |
| 2-Chlorotoluene | 95-49-8 | NS | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Hexanone | 591-78-6 | NS | 200 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| 4-Chlorotoluene | 106-43-4 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 4-Methyl-2-Pentanone | 108-10-1 | NS | 5810 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Acetone | 67-64-1 | NS | 66300 | NMED | 0.22 | 0.22 | 0.005 | 0.003 | | U | 0.064 | 0.064 | 0.005 | 0.003 | | U |
| Benzene | 71-43-2 | 17.8 | 114 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| Bromobenzene | 108-86-1 | NS | 290 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromochloromethane | 74-97-5 | NS | 150 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Bromodichloromethane | 75-27-4 | 6.19 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| Bromoform | 75-25-2 | 674 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromomethane | 74-83-9 | NS | 17.7 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Disulfide | 75-15-0 | NS | 1550 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Tetrachloride | 56-23-5 | 10.7 | 144 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Chlorobenzene | 108-90-7 | NS | 378 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Chloroethane | 75-00-3 | NS | 19000 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloroform | 67-66-3 | 5.9 | 306 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloromethane | 74-87-3 | 41.1 | 268 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| cis-1,2-Dichloroethene | 156-59-2 | NS | 156 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| cis-1,3-Dichloropropene | 10061-01-5 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dibromochloromethane | 124-48-1 | 13.9 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Dibromomethane | 74-95-3 | NS | 57.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dichlorodifluoromethane | 75-71-8 | NS | 182 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Ethylbenzene | 100-41-4 | 75.1 | 3930 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Hexachlorobutadiene | 87-68-3 | 68.3 | 61.6 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | 2360 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| m,p-Xylene (sum of isomers) | 136777-61-2 | NS | 764 | NMED[s] | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| Methyl t-Butyl Ether | 1634-04-4 | 975 | 37800 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Methylene Chloride | 75-09-2 | 766 | 409 | NMED | 0.01 | 0.02 | 0.01 | 0.001 | U | | 0.01 | 0.02 | 0.01 | 0.001 | U | |
| n-Butylbenzene | 104-51-8 | NS | 3900 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| n-Propylbenzene | 103-65-1 | NS | 3800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Naphthalene | 91-20-3 | 49.7 | 162 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| o-Xylene | 95-47-6 | NS | 805 | NMED | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | |
| p-Isopropyltoluene | 99-87-6 | NS | 2360 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| sec-Butylbenzene | 135-98-8 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Styrene | 100-42-5 | NS | 7260 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| tert-Butylbenzene | 98-06-6 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Tetrachloroethene | 127-18-4 | 337 | 111 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Toluene | 108-88-3 | NS | 5230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,2-Dichloroethene | 156-60-5 | NS | 295 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,3-Dichloropropene | 10061-02-6 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichloroethene | 79-01-6 | 15.5 | 6.77 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichlorofluoromethane | 75-69-4 | NS | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Vinyl Chloride | 75-01-4 | 0.742 | 113 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |

Notes:
DL =Detection limit
J = Estimated
LOD = Limit of Detection
LOQ = Limit of Quantitation
mg/kg = milligrams per kilogram
NMED = New Mexico Environment Department Screening Levels (Latest update).
NS = No standard
Qual = Qualifier
RSL = Regional Screening Levels (Latest Update).
s = surrogate
U = Nondetect
UJ = Estimated Nondetect
The following screening values are based on surrogate:
1-4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene.
1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane.
1,3-Dichloropropene was used for 1,1-dichloropropene and *cis* - and *trans* - 1,3-dichloropropene.
Isopropylbenzene was used as a surrogate for p-isopropyl toluene.
m-Xylene was used as a surrogate for m,p-Xylenes
Shaded results exceed Residential Value

TABLE__-__. SUMMARY OF ANALYTICAL DATA

| FIELD ID<br>DATE COLLECTED | CAS Number | Residential Value (cancer endpoint) | Residential Value (non-cancer endpoint) | Source | 0314-CAMUBA-SS-0023D-SO<br>June 2, 2021 | | | | | | 0314-CAMUBA-SS-0024D-SO<br>June 2, 2021 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier |
| **VOLATILE ORGANIC COMPOUNDS (mg/kg)** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 28.1 | 2350 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | UJ |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 14400 | NMED | 0.002 | 0.005 | 0.002 | 0.0004 | U | | 0.002 | 0.005 | 0.002 | 0.0004 | U | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 7.98 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 1,1,2-Trichloroethane | 79-00-5 | 18.8 | 2.61 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | UJ |
| 1,1-Dichloroethane | 75-34-3 | 78.6 | 15600 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethene | 75-35-4 | NS | 440 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,1-Dichloropropene | 563-58-6 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2,3-Trichlorobenzene | 87-61-6 | NS | 63 | RSL | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| 1,2,3-Trichloropropane | 96-18-4 | 0.051 | 7.09 | NMED | 0.005 | 0.02 | 0.005 | 0.001 | U | | 0.005 | 0.02 | 0.005 | 0.001 | U | UJ |
| 1,2,4-Trichlorobenzene | 120-82-1 | 240 | 82.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 300 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.0858 | 5.88 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | UJ |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | 0.672 | 135 | NMED | 0.002 | 0.005 | 0.002 | 0.0014 | U | | 0.002 | 0.005 | 0.002 | 0.0014 | U | UJ |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 2150 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| 1,2-Dichloroethane | 107-06-2 | 8.32 | 55.6 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| 1,2-Dichloropropane | 78-87-5 | 17.8 | 29 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 270 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 1,3-Dichlorobenzene | 541-73-1 | 1290 | 5480 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| 1,3-Dichloropropane | 142-28-9 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | UJ |
| 1,4-Dichlorobenzene | 106-46-7 | 1290 | 5480 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| 2,2-Dichloropropane | 594-20-7 | 17.8 | 29 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Butanone | 78-93-3 | NS | 37400 | NMED | 0.003 | 0.01 | 0.003 | 0.002 | U | | 0.003 | 0.01 | 0.003 | 0.002 | U | |
| 2-Chlorotoluene | 95-49-8 | NS | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 2-Hexanone | 591-78-6 | NS | 200 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| 4-Chlorotoluene | 106-43-4 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 4-Methyl-2-Pentanone | 108-10-1 | NS | 5810 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Acetone | 67-64-1 | NS | 66300 | NMED | 0.055 | 0.055 | 0.005 | 0.003 | | U | 0.098 | 0.098 | 0.005 | 0.003 | | U |
| Benzene | 71-43-2 | 17.8 | 114 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| Bromobenzene | 108-86-1 | NS | 290 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| Bromochloromethane | 74-97-5 | NS | 150 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | UJ |
| Bromodichloromethane | 75-27-4 | 6.19 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| Bromoform | 75-25-2 | 674 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| Bromomethane | 74-83-9 | NS | 17.7 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Disulfide | 75-15-0 | NS | 1550 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Tetrachloride | 56-23-5 | 10.7 | 144 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Chlorobenzene | 108-90-7 | NS | 378 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| Chloroethane | 75-00-3 | NS | 19000 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloroform | 67-66-3 | 5.9 | 306 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloromethane | 74-87-3 | 41.1 | 268 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | UJ |
| cis-1,2-Dichloroethene | 156-59-2 | NS | 156 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| cis-1,3-Dichloropropene | 10061-01-5 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | UJ |
| Dibromochloromethane | 124-48-1 | 13.9 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| Dibromomethane | 74-95-3 | NS | 57.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | UJ |
| Dichlorodifluoromethane | 75-71-8 | NS | 182 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Ethylbenzene | 100-41-4 | 75.1 | 3930 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Hexachlorobutadiene | 87-68-3 | 68.3 | 61.6 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | UJ |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | 2360 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| m,p-Xylene (sum of isomers) | 136777-61-2 | NS | 764 | NMED[s] | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | UJ |
| Methyl t-Butyl Ether | 1634-04-4 | 975 | 37800 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| Methylene Chloride | 75-09-2 | 766 | 409 | NMED | 0.01 | 0.02 | 0.01 | 0.001 | U | | 0.01 | 0.02 | 0.01 | 0.001 | U | UJ |
| n-Butylbenzene | 104-51-8 | NS | 3900 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| n-Propylbenzene | 103-65-1 | NS | 3800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Naphthalene | 91-20-3 | 49.7 | 162 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| o-Xylene | 95-47-6 | NS | 805 | NMED | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | UJ |
| p-Isopropyltoluene | 99-87-6 | NS | 2360 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| sec-Butylbenzene | 135-98-8 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Styrene | 100-42-5 | NS | 7260 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| tert-Butylbenzene | 98-06-6 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Tetrachloroethene | 127-18-4 | 337 | 111 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Toluene | 108-88-3 | NS | 5230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,2-Dichloroethene | 156-60-5 | NS | 295 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,3-Dichloropropene | 10061-02-6 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | UJ |
| Trichloroethene | 79-01-6 | 15.5 | 6.77 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichlorofluoromethane | 75-69-4 | NS | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Vinyl Chloride | 75-01-4 | 0.742 | 113 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |

Notes:
DL =Detection limit
J = Estimated
LOD = Limit of Detection
LOQ = Limit of Quantitation
mg/kg = milligrams per kilogram
NMED = New Mexico Environment Department Screening Levels (Latest update).
NS = No standard
Qual = Qualifier
RSL = Regional Screening Levels (Latest Update).
s = surrogate
U = Nondetect
UJ = Estimated Nondetect
The following screening values are based on surrogate:
1-4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene.
1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane.
1,3-Dichloropropene was used for 1,1-dichloropropene and *cis* - and *trans* - 1,3-dichloropropene.
Isopropylbenzene was used as a surrogate for p-isopropyl toluene.
m-Xylene was used as a surrogate for m,p-Xylenes
Shaded results exceed Residential Value

TABLE__-__. SUMMARY OF ANALYTICAL DATA

| FIELD ID / DATE COLLECTED | CAS Number | Residential Value (cancer endpoint) | Residential Value (non-cancer endpoint) | Source | 0314-CAMUOB-SS-004D-SO June 1, 2021 | | | | | | 0314-CAMUOB-SS-005D-SO June 1, 2021 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier |
| **VOLATILE ORGANIC COMPOUNDS (mg/kg)** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 28.1 | 2350 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 14400 | NMED | 0.002 | 0.005 | 0.002 | 0.0004 | U | | 0.002 | 0.005 | 0.002 | 0.0004 | U | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 7.98 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,1,2-Trichloroethane | 79-00-5 | 18.8 | 2.61 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethane | 75-34-3 | 78.6 | 15600 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethene | 75-35-4 | NS | 440 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,1-Dichloropropene | 563-58-6 | 29.3 | 141 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2,3-Trichlorobenzene | 87-61-6 | NS | 63 | RSL | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,3-Trichloropropane | 96-18-4 | 0.051 | 7.09 | NMED | 0.005 | 0.02 | 0.005 | 0.001 | U | | 0.005 | 0.02 | 0.005 | 0.001 | U | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 240 | 82.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 300 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.0858 | 5.88 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | 0.672 | 135 | NMED | 0.002 | 0.005 | 0.002 | 0.0014 | U | | 0.002 | 0.005 | 0.002 | 0.0014 | U | |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 2150 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| 1,2-Dichloroethane | 107-06-2 | 8.32 | 55.6 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2-Dichloropropane | 78-87-5 | 17.8 | 29 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 270 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 1,3-Dichlorobenzene | 541-73-1 | 1290 | 5480 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3-Dichloropropane | 142-28-9 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| 1,4-Dichlorobenzene | 106-46-7 | 1290 | 5480 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 2,2-Dichloropropane | 594-20-7 | 17.8 | 29 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Butanone | 78-93-3 | NS | 37400 | NMED | 0.003 | 0.01 | 0.003 | 0.002 | U | | 0.003 | 0.01 | 0.003 | 0.002 | U | |
| 2-Chlorotoluene | 95-49-8 | NS | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Hexanone | 591-78-6 | NS | 200 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| 4-Chlorotoluene | 106-43-4 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 4-Methyl-2-Pentanone | 108-10-1 | NS | 5810 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Acetone | 67-64-1 | NS | 66300 | NMED | 0.084 | 0.084 | 0.005 | 0.003 | | U | 0.066 | 0.066 | 0.005 | 0.003 | | U |
| Benzene | 71-43-2 | 17.8 | 114 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| Bromobenzene | 108-86-1 | NS | 290 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromochloromethane | 74-97-5 | NS | 150 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Bromodichloromethane | 75-27-4 | 6.19 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| Bromoform | 75-25-2 | 674 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Bromomethane | 74-83-9 | NS | 17.7 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Disulfide | 75-15-0 | NS | 1550 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Tetrachloride | 56-23-5 | 10.7 | 144 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Chlorobenzene | 108-90-7 | NS | 378 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Chloroethane | 75-00-3 | NS | 19000 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloroform | 67-66-3 | 5.9 | 306 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloromethane | 74-87-3 | 41.1 | 268 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| cis-1,2-Dichloroethene | 156-59-2 | NS | 156 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| cis-1,3-Dichloropropene | 10061-01-5 | 29.3 | 141 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dibromochloromethane | 124-48-1 | 13.9 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Dibromomethane | 74-95-3 | NS | 57.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Dichlorodifluoromethane | 75-71-8 | NS | 182 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Ethylbenzene | 100-41-4 | 75.1 | 3930 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Hexachlorobutadiene | 87-68-3 | 68.3 | 61.6 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | 2360 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| m,p-Xylene (sum of isomers) | 136777-61-2 | NS | 764 | NMED[S] | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| Methyl t-Butyl Ether | 1634-04-4 | 975 | 37800 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Methylene Chloride | 75-09-2 | 766 | 409 | NMED | 0.01 | 0.02 | 0.01 | 0.001 | U | | 0.01 | 0.02 | 0.01 | 0.001 | U | |
| n-Butylbenzene | 104-51-8 | NS | 3900 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| n-Propylbenzene | 103-65-1 | NS | 3800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Naphthalene | 91-20-3 | 49.7 | 162 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| o-Xylene | 95-47-6 | NS | 805 | NMED | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | |
| p-Isopropyltoluene | 99-87-6 | NS | 2360 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| sec-Butylbenzene | 135-98-8 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Styrene | 100-42-5 | NS | 7260 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| tert-Butylbenzene | 98-06-6 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Tetrachloroethene | 127-18-4 | 337 | 111 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Toluene | 108-88-3 | NS | 5230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,2-Dichloroethene | 156-60-5 | NS | 295 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,3-Dichloropropene | 10061-02-6 | 29.3 | 141 | NMED[S] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichloroethene | 79-01-6 | 15.5 | 6.77 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichlorofluoromethane | 75-69-4 | NS | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Vinyl Chloride | 75-01-4 | 0.742 | 113 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |

Notes:
DL =Detection limit
J = Estimated
LOD = Limit of Detection
LOQ = Limit of Quantitation
mg/kg = milligrams per kilogram
NMED = New Mexico Environment Department Screening Levels (Latest update).
NS = No standard
Qual = Qualifier
RSL = Regional Screening Levels (Latest Update).
s = surrogate
U = Nondetect
UJ = Estimated Nondetect
The following screening values are based on surrogate:
1-4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene.
1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane.
1,3-Dichloropropene was used for 1,1-dichloropropene and *cis* - and *trans* - 1,3-dichloropropene.
Isopropylbenzene was used as a surrogate for p-isopropyl toluene.
m-Xylene was used as a surrogate for m,p-Xylenes
Shaded results exceed Residential Value

TABLE__-__. SUMMARY OF ANALYTICAL DATA

| FIELD ID<br>DATE COLLECTED | CAS Number | Residential Value (cancer endpoint) | Residential Value (non-cancer endpoint) | Source | 0314-CAMUOD-SS-004D-SO<br>June 1, 2021 | | | | | | 0314-CAMUOD-SS-005D-SO<br>June 1, 2021 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier | Result | LOQ | LOD | DL | Lab Qualifier | Validation Qualifier |
| **VOLATILE ORGANIC COMPOUNDS (mg/kg)** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 28.1 | 2350 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | UJ |
| 1,1,1-Trichloroethane | 71-55-6 | NS | 14400 | NMED | 0.002 | 0.005 | 0.002 | 0.0004 | U | | 0.002 | 0.005 | 0.002 | 0.0004 | U | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 7.98 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 1,1,2-Trichloroethane | 79-00-5 | 18.8 | 2.61 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | UJ |
| 1,1-Dichloroethane | 75-34-3 | 78.6 | 15600 | NMED | 0.002 | 0.005 | 0.002 | 0.0003 | U | | 0.002 | 0.005 | 0.002 | 0.0003 | U | |
| 1,1-Dichloroethene | 75-35-4 | NS | 440 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,1-Dichloropropene | 563-58-6 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| 1,2,3-Trichlorobenzene | 87-61-6 | NS | 63 | RSL | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| 1,2,3-Trichloropropane | 96-18-4 | 0.051 | 7.09 | NMED | 0.005 | 0.02 | 0.005 | 0.001 | U | | 0.005 | 0.02 | 0.005 | 0.001 | U | UJ |
| 1,2,4-Trichlorobenzene | 120-82-1 | 240 | 82.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | 300 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.0858 | 5.88 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | UJ |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | 0.672 | 135 | NMED | 0.002 | 0.005 | 0.002 | 0.0014 | U | | 0.002 | 0.005 | 0.002 | 0.0014 | U | UJ |
| 1,2-Dichlorobenzene | 95-50-1 | NS | 2150 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| 1,2-Dichloroethane | 107-06-2 | 8.32 | 55.6 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| 1,2-Dichloropropane | 78-87-5 | 17.8 | 29 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | 270 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 1,3-Dichlorobenzene | 541-73-1 | 1290 | 5480 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| 1,3-Dichloropropane | 142-28-9 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | UJ |
| 1,4-Dichlorobenzene | 106-46-7 | 1290 | 5480 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| 2,2-Dichloropropane | 594-20-7 | 17.8 | 29 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| 2-Butanone | 78-93-3 | NS | 37400 | NMED | 0.003 | 0.01 | 0.003 | 0.002 | U | | 0.003 | 0.01 | 0.003 | 0.002 | U | |
| 2-Chlorotoluene | 95-49-8 | NS | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 2-Hexanone | 591-78-6 | NS | 200 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| 4-Chlorotoluene | 106-43-4 | NS | 1600 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| 4-Methyl-2-Pentanone | 108-10-1 | NS | 5810 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Acetone | 67-64-1 | NS | 66300 | NMED | 0.065 | 0.065 | 0.005 | 0.003 | | U | 0.005 | 0.01 | 0.005 | 0.003 | U | |
| Benzene | 71-43-2 | 17.8 | 114 | NMED | 0.002 | 0.005 | 0.002 | 0.0006 | U | | 0.002 | 0.005 | 0.002 | 0.0006 | U | |
| Bromobenzene | 108-86-1 | NS | 290 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| Bromochloromethane | 74-97-5 | NS | 150 | RSL | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | UJ |
| Bromodichloromethane | 75-27-4 | 6.19 | 1560 | NMED | 0.002 | 0.005 | 0.002 | 0.0007 | U | | 0.002 | 0.005 | 0.002 | 0.0007 | U | UJ |
| Bromoform | 75-25-2 | 674 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| Bromomethane | 74-83-9 | NS | 17.7 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Disulfide | 75-15-0 | NS | 1550 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Carbon Tetrachloride | 56-23-5 | 10.7 | 144 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Chlorobenzene | 108-90-7 | NS | 378 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | UJ |
| Chloroethane | 75-00-3 | NS | 19000 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloroform | 67-66-3 | 5.9 | 306 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Chloromethane | 74-87-3 | 41.1 | 268 | NMED | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| cis-1,2-Dichloroethene | 156-59-2 | NS | 156 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| cis-1,3-Dichloropropene | 10061-01-5 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | UJ |
| Dibromochloromethane | 124-48-1 | 13.9 | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | UJ |
| Dibromomethane | 74-95-3 | NS | 57.9 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | UJ |
| Dichlorodifluoromethane | 75-71-8 | NS | 182 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | |
| Ethylbenzene | 100-41-4 | 75.1 | 3930 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Hexachlorobutadiene | 87-68-3 | 68.3 | 61.6 | NMED | 0.002 | 0.01 | 0.002 | 0.001 | U | | 0.002 | 0.01 | 0.002 | 0.001 | U | UJ |
| Isopropylbenzene (Cumene) | 98-82-8 | NS | 2360 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| m,p-Xylene (sum of isomers) | 136777-61-2 | NS | 764 | NMED[s] | 0.005 | 0.01 | 0.005 | 0.002 | U | | 0.005 | 0.01 | 0.005 | 0.002 | U | |
| Methyl t-Butyl Ether | 1634-04-4 | 975 | 37800 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| Methylene Chloride | 75-09-2 | 766 | 409 | NMED | 0.01 | 0.02 | 0.01 | 0.001 | U | | 0.01 | 0.02 | 0.01 | 0.001 | U | |
| n-Butylbenzene | 104-51-8 | NS | 3900 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| n-Propylbenzene | 103-65-1 | NS | 3800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Naphthalene | 91-20-3 | 49.7 | 162 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| o-Xylene | 95-47-6 | NS | 805 | NMED | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | | 0.0025 | 0.005 | 0.0025 | 0.0013 | U | UJ |
| p-Isopropyltoluene | 99-87-6 | NS | 2360 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| sec-Butylbenzene | 135-98-8 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| Styrene | 100-42-5 | NS | 7260 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | UJ |
| tert-Butylbenzene | 98-06-6 | NS | 7800 | RSL | 0.002 | 0.005 | 0.002 | 0.0008 | U | | 0.002 | 0.005 | 0.002 | 0.0008 | U | |
| Tetrachloroethene | 127-18-4 | 337 | 111 | NMED | 0.002 | 0.005 | 0.002 | 0.0005 | U | | 0.002 | 0.005 | 0.002 | 0.0005 | U | |
| Toluene | 108-88-3 | NS | 5230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,2-Dichloroethene | 156-60-5 | NS | 295 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| trans-1,3-Dichloropropene | 10061-02-6 | 29.3 | 141 | NMED[s] | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | UJ |
| Trichloroethene | 79-01-6 | 15.5 | 6.77 | NMED | 0.002 | 0.005 | 0.002 | 0.0009 | U | | 0.002 | 0.005 | 0.002 | 0.0009 | U | |
| Trichlorofluoromethane | 75-69-4 | NS | 1230 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |
| Vinyl Chloride | 75-01-4 | 0.742 | 113 | NMED | 0.002 | 0.005 | 0.002 | 0.001 | U | | 0.002 | 0.005 | 0.002 | 0.001 | U | |

Notes:
DL =Detection limit
J = Estimated
LOD = Limit of Detection
LOQ = Limit of Quantitation
mg/kg = milligrams per kilogram
NMED = New Mexico Environment Department Screening Levels (Latest update).
NS = No standard
Qual = Qualifier
RSL = Regional Screening Levels (Latest Update).
s = surrogate
U = Nondetect
UJ = Estimated Nondetect
The following screening values are based on surrogate:
1-4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene.
1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane.
1,3-Dichloropropene was used for 1,1-dichloropropene and *cis* - and *trans* - 1,3-dichloropropene.
Isopropylbenzene was used as a surrogate for p-isopropyl toluene.
m-Xylene was used as a surrogate for m,p-Xylenes
Shaded results exceed Residential Value

VOCs Risk Tables

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.0021 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.0021 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.0021 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.0021 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.0021 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.0021 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.0021 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.0021 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.0021 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.0021 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.0021 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.0021 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.1 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.0021 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.0021 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.0021 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.0021 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.0021 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.0021 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.0021 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.0021 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.0021 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.011 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.0021 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0026 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.0021 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.0021 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.0021 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.0021 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.0021 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.0** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

1) NMED = New Mexico Environment Department Screening Levels (NMED 2019, February update, June 19, 2019 revision). Cancer Risk = 1E-05, Hazard Quotient 1; RSL = Regional Screening Levels (USEPA 2021, November Update). Cancer Risk Adjusted to = 1E-05, Hazard Quotient = 1

s = 1,3-Dichloropropene was used as a surrogate for 1,1-dichloropropene and cis- and trans-1,3-dichloropropene. 1,4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene. 1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane. For m,p-xylenes the lower value between m-xylene and p-xylene was used for the sum of the isomers. Cumene was used as a surrogate for p-isopropyltoluene.

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.052 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.0** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

1) NMED = New Mexico Environment Department Screening Levels (NMED 2019, February update, June 19, 2019 revision). Cancer Risk = 1E-05, Hazard Quotient 1; RSL = Regional Screening Levels (USEPA 2021, November Update). Cancer Risk Adjusted to = 1E-05, Hazard Quotient = 1

s = 1,3-Dichloropropene was used as a surrogate for 1,1-dichloropropene and cis- and trans-1,3-dichloropropene. 1,4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene. 1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane. For m,p-xylenes the lower value between m-xylene and p-xylene was used for the sum of the isomers. Cumene was used as a surrogate for p-isopropyltoluene.

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.11 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.000** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.08 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.00** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.22 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.0** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.064 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.0** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.055 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.000** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | UJ | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | UJ | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | UJ | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | UJ | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | UJ | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | UJ | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | UJ | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | UJ | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | UJ | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | UJ | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | UJ | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.098 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | UJ | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | UJ | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | UJ | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | UJ | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | UJ | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | UJ | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | UJ | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | UJ | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | UJ | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | UJ | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | UJ | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | UJ | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.0** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | | | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | | | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | | | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | | | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | | | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | | | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | | | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | | | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | | | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | | | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | | | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | | | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | | | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | | | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | | | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | | | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | | | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | | | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | | | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | | | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | | | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | | | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | | | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | | | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | | | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | | | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | | | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | | | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | | | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | | | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | | | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | | | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | | | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | | | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | | | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | | | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | | | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | | | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | | | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | | | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | | | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | | | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | | | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | | | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | | | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | | | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | | | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | | | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | | | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | | | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | | | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | | | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | | | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | | | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | | | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | | | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | | | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | | | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | | | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | | | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | | | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | | | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | | | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | | | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | | | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.00** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.084 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.00** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.066 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.00** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

1) NMED = New Mexico Environment Department Screening Levels (NMED 2019, February update, June 19, 2019 revision). Cancer Risk = 1E-05, Hazard Quotient 1; RSL = Regional Screening Levels (USEPA 2021, November Update). Cancer Risk Adjusted to = 1E-05, Hazard Quotient = 1

s = 1,3-Dichloropropene was used as a surrogate for 1,1-dichloropropene and cis- and trans-1,3-dichloropropene. 1,4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene. 1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane. For m,p-xylenes the lower value between m-xylene and p-xylene was used for the sum of the isomers. Cumene was used as a surrogate for p-isopropyltoluene.

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | U | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | U | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | U | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | U | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | U | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | U | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | U | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | U | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | U | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.065 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | U | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | U | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | U | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | U | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | U | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | U | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | U | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.00** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS** | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | mg/kg | 0.002 | UJ | | | NA | NA | 28.1 | N | 2,350 | N | NMED | | |
| 1,1,1-Trichloroethane | 71-55-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 14,400 | N | NMED | | |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | mg/kg | 0.002 | UJ | | | NA | NA | 7.98 | N | 1,560 | N | NMED | | |
| 1,1,2-Trichloroethane | 79-00-5 | mg/kg | 0.002 | UJ | | | NA | NA | 18.8 | N | 2.61 | N | NMED | | |
| 1,1-Dichloroethane | 75-34-3 | mg/kg | 0.002 | U | | | NA | NA | 78.6 | N | 15,600 | N | NMED | | |
| 1,1-Dichloroethene | 75-35-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 440 | N | NMED | | |
| 1,1-Dichloropropene | 563-58-6 | mg/kg | 0.002 | U | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| 1,2,3-Trichlorobenzene | 87-61-6 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 63 | N | RSL | | |
| 1,2,3-Trichloropropane | 96-18-4 | mg/kg | 0.005 | UJ | | | NA | NA | 0.051 | N | 7.09 | N | NMED | | |
| 1,2,4-Trichlorobenzene | 120-82-1 | mg/kg | 0.002 | UJ | | | NA | NA | 240 | N | 82.9 | N | NMED | | |
| 1,2,4-Trimethylbenzene | 95-63-6 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 300 | N | RSL | | |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | mg/kg | 0.005 | UJ | | | NA | NA | 0.0858 | N | 5.88 | N | NMED | | |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | mg/kg | 0.002 | UJ | | | NA | NA | 0.672 | N | 135 | N | NMED | | |
| 1,2-Dichlorobenzene | 95-50-1 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 2,150 | N | NMED | | |
| 1,2-Dichloroethane | 107-06-2 | mg/kg | 0.002 | UJ | | | NA | NA | 8.32 | N | 55.6 | N | NMED | | |
| 1,2-Dichloropropane | 78-87-5 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 270 | N | RSL | | |
| 1,3-Dichlorobenzene | 541-73-1 | mg/kg | 0.002 | UJ | | | NA | NA | 1,290 | N | 5,480 | N | NMED[S] | | |
| 1,3-Dichloropropane | 142-28-9 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 1,4-Dichlorobenzene | 106-46-7 | mg/kg | 0.002 | UJ | | | NA | NA | 1,290 | N | 5,480 | N | NMED | | |
| 2,2-Dichloropropane | 594-20-7 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 29 | N | NMED[S] | | |
| 2-Butanone | 78-93-3 | mg/kg | 0.003 | U | | | NA | NA | NS | NS | 37,400 | N | NMED | | |
| 2-Chlorotoluene (o-chlorotoluene) | 95-49-8 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 1,560 | N | NMED | | |
| 2-Hexanone | 591-78-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 200 | N | RSL | | |
| 4-Chlorotoluene (p-chlorotoluene) | 106-43-4 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 1,600 | N | RSL | | |
| 4-Methyl-2-Pentanone (Methyl Isobutyl ketone) | 108-10-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,810 | N | RSL | | |
| Acetone | 67-64-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 66,300 | N | NMED | | |
| Benzene | 71-43-2 | mg/kg | 0.002 | U | | | NA | NA | 17.8 | N | 114 | N | NMED | | |
| Bromobenzene | 108-86-1 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 290 | N | RSL | | |
| Bromochloromethane | 74-97-5 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 150 | N | RSL | | |
| Bromodichloromethane | 75-27-4 | mg/kg | 0.002 | UJ | | | NA | NA | 6.19 | N | 1,560 | N | NMED | | |
| Bromoform (Tribromomethane) | 75-25-2 | mg/kg | 0.002 | UJ | | | NA | NA | 674 | N | 1,230 | N | NMED | | |
| Bromomethane | 74-83-9 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 17.7 | N | NMED | | |
| Carbon Disulfide | 75-15-0 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,550 | N | NMED | | |
| Carbon Tetrachloride | 56-23-5 | mg/kg | 0.002 | U | | | NA | NA | 10.7 | N | 144 | N | NMED | | |
| Chlorobenzene | 108-90-7 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 378 | N | NMED | | |
| Chloroethane (Ethyl Chloride) | 75-00-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 19,000 | N | NMED | | |
| Chloroform | 67-66-3 | mg/kg | 0.002 | U | | | NA | NA | 5.9 | N | 306 | N | NMED | | |
| Chloromethane | 74-87-3 | mg/kg | 0.005 | U | | | NA | NA | 41.1 | N | 268 | N | NMED | | |
| cis-1,2-Dichloroethene | 156-59-2 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 156 | N | NMED | | |
| cis-1,3-Dichloropropene | 10061-01-5 | mg/kg | 0.002 | UJ | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Dibromochloromethane | 124-48-1 | mg/kg | 0.002 | UJ | | | NA | NA | 13.9 | N | 1,230 | N | NMED | | |
| Dibromomethane (Methylene bromide) | 74-95-3 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 57.9 | N | NMED | | |
| Dichlorodifluoromethane | 75-71-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 182 | N | NMED | | |
| Ethylbenzene | 100-41-4 | mg/kg | 0.002 | U | | | NA | NA | 75.1 | N | 3,930 | N | NMED | | |
| Hexachlorobutadiene | 87-68-3 | mg/kg | 0.002 | UJ | | | NA | NA | 68.3 | N | 61.6 | N | NMED | | |
| Isopropylbenzene (Cumene) | 98-82-8 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 2,360 | N | NMED | | |
| m,p-Xylene (sum of isomers) | 179601-23-1 | mg/kg | 0.005 | U | | | NA | NA | NS | NS | 764 | N | NMED[S] | | |
| Methyl t-Butyl Ether | 1634-04-4 | mg/kg | 0.002 | UJ | | | NA | NA | 975 | N | 37,800 | N | NMED | | |
| Methylene Chloride | 75-09-2 | mg/kg | 0.01 | U | | | NA | NA | 766 | N | 409 | N | NMED | | |
| n-Butylbenzene | 104-51-8 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 3,900 | N | RSL | | |
| n-Propylbenzene | 103-65-1 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 3,800 | N | RSL | | |
| Naphthalene | 91-20-3 | mg/kg | 0.002 | UJ | | | NA | NA | 49.7 | N | 162 | N | NMED | | |
| o-Xylene | 95-47-6 | mg/kg | 0.0025 | UJ | | | NA | NA | NS | NS | 805 | N | NMED | | |
| p-Isopropyltoluene | 99-87-6 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 2,360 | N | NMED[S] | | |
| sec-Butylbenzene | 135-98-8 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Styrene | 100-42-5 | mg/kg | 0.002 | UJ | | | NA | NA | NS | NS | 7,260 | N | NMED | | |
| tert-Butylbenzene | 98-06-6 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 7,800 | N | RSL | | |
| Tetrachloroethene | 127-18-4 | mg/kg | 0.002 | U | | | NA | NA | 337 | N | 111 | N | NMED | | |

| Chemical | CAS Number | Units | Final Result | | Raw Data Result | TEF | Background Value | Exceeds Background (Y/N) | Residential Value Cancer Endpoint | Exceeds Residential SSL (cancer) (Y/N) | Residential Value Noncancer Endpoint | Exceeds Residential SSL (noncancer) (Y/N) | Source (1) | Estimated Cancer Risk | Estimated Hazard Quotient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toluene | 108-88-3 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 5,230 | N | NMED | | |
| trans-1,2-Dichloroethene | 156-60-5 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 295 | N | NMED | | |
| trans-1,3-Dichloropropene | 10061-02-6 | mg/kg | 0.002 | UJ | | | NA | NA | 29.3 | N | 141 | N | NMED[S] | | |
| Trichloroethene | 79-01-6 | mg/kg | 0.002 | U | | | NA | NA | 15.5 | N | 6.77 | N | NMED | | |
| Trichlorofluoromethane | 75-69-4 | mg/kg | 0.002 | U | | | NA | NA | NS | NS | 1,230 | N | NMED | | |
| Vinyl Chloride | 75-01-4 | mg/kg | 0.002 | U | | | NA | NA | 0.742 | N | 113 | N | NMED | | |
| | | | | | | | | | | | | **Cumulative Risk/Hazard** | | **0E+00** | **0.00** |
| | | | | | | | | | | | | **Exceeds Target Level** | | **N** | **N** |

**FOOTNOTES:**

1) NMED = New Mexico Environment Department Screening Levels (NMED 2019, February update, June 19, 2019 revision). Cancer Risk = 1E-05, Hazard Quotient 1; RSL = Regional Screening Levels (USEPA 2021, November Update). Cancer Risk Adjusted to = 1E-05, Hazard Quotient = 1

s = 1,3-Dichloropropene was used as a surrogate for 1,1-dichloropropene and cis- and trans-1,3-dichloropropene. 1,4-Dichlorobenzene was used as a surrogate for 1,3-dichlorobenzene. 1,2-Dichloropropane was used as a surrogate for 2,2-dichloropropane. For m,p-xylenes the lower value between m-xylene and p-xylene was used for the sum of the isomers. Cumene was used as a surrogate for p-isopropyltoluene.