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November 6, 2023

Mr. Josh Peters
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 5
Superfund and Emergency Management Division
2565 Plymouth Road
Ann Arbor, MI 48105

**Subject: Data Validation Report
E Palestine Site - ER
EPA Contract No.: 68HE0519D0005
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201
Document Tracking No. 2107**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 36 air samples (including four field duplicate samples). collected at the E Palestine site. The samples were collected between August 15 - 18, 2023, and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on August 21, 2023.

Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan East Palestine Train Derailment Site East Palestine, Columbiana County, Ohio, Revision 3* (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

No rejection of results was required for these data packages. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please contact me via the project manager.

Sincerely,

Casey Cormier
Digitally signed
by Casey Cormier
Date: 2023.11.06
18:22:53 -05'00'

Environmental Chemist

Enclosure

cc: Karl Schultz, Tetra Tech Program Manager
Dustin Grams, Tetra Tech Project Manager
Mayra ArroyoOrtiz, Tetra Tech Project Document Control Coordinator
TO-TOLIN File

ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS AIR TOXICS, LLC REPORT NOS.
2308316, 2308349, 2308387, AND 2308410**

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2107a	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Laboratory Report No.	2308316	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes	
Analyses	Nine air samples including one field duplicate pair		
Samples and Matrix	08/15/2023		
Collection Date(s)	EPD-WA-05-081523/EPD-WA-55-081523		
Field Duplicate Pairs	None		
Field QC Blanks			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio, Revision 3* (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided the COC form and LCS/LCSD RPDs separately. No qualifications were applied.

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	<p>The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The laboratory-measured residual vacuum for EPD-WA-02-081523 was -10.5 "Hg. This high residual vacuum means that the canister did not fill sufficiently and may not be representative of the full collection period; therefore, the analytical results should be used with caution.</p>

Method blanks:

Within Criteria	Exceedance/Notes
N	<p>TO-15 SIM (230816-10B): 1,4-Dichlorobenzene, m,p-xylene, naphthalene, and o-xylene were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All 1,4-dichlorobenzene sample results were nondetect; therefore, no qualifications were applied. The m,p-xylene result in sample EPD-DW-A-081523 and EPD-WA-03-081523, the naphthalene result in sample EPD-WA-06-081523, and the o-xylene results in samples EPD-DW-A-081523, EPD-UW-E-081523, EPD-WA-01-081523, EPD-WA-02-081523, EPD-WA-03-081523, and EPD-WA-06-081523 were detected at levels below the RLs; therefore these sample results were raised to the RL and qualified as nondetect (flagged U). All other m,p-xylene and o-xylene sample results were detected at levels greater than ten times the blank value; therefore, no qualifications were applied. All other naphthalene sample results were nondetect; therefore, no qualifications were applied.</p>

Field blanks:

Within Criteria	Exceedance/Notes
NA	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2308226-12C/12CC): The percent recoveries of ethanol and tetrahydrofuran were greater than the site-specific QAPP acceptance criteria in the LCS and LCSD. The ethanol result in sample EPD-WA-03-081523 was nondetect; therefore, no qualification was applied. Ethanol results in all other samples were qualified as estimated, possibly biased high (flagged J+). All tetrahydrofuran sample results were nondetect; therefore, no qualifications were applied.

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.39 to 1.75. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	The laboratory report case narrative states “The reporting limit for Ethanol was raised from 2.0 ppbv to 6.2 ppbv due to anomalous linearity in the Initial Calibration.” No qualifications were applied. Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified known TICs as tentatively identified (flagged NJ). The laboratory qualified unknown TICs as estimated (flagged J). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched for, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	CCV 2308316-11A had high percent recoveries of 2-hexanone and 4-methyl-2-pentanone. 2-Hexanone and 4-methyl-2-pentanone results in all samples were qualified as estimated (flagged J/UJ).

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-A-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.3		5.8 UG/M3	5.8 U	
EPD-DW-A-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76 U		0.18		0.76 UG/M3	0.76 U	
EPD-DW-A-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93 U		0.15		0.93 UG/M3	0.93 U	
EPD-DW-A-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.15		0.72 UG/M3	0.72 U	
EPD-DW-A-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.15		0.76 UG/M3	0.76 U	
EPD-DW-A-081523	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.047		0.34 UG/M3	0.34 U	
EPD-DW-A-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93 U		0.093		0.93 UG/M3	0.93 U	
EPD-DW-A-081523	TO-15	123-91-1	1,4-DIOXANE	0.1 J		0.081		0.56 UG/M3	0.10 J	
EPD-DW-A-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U		0.24		3.6 UG/M3	3.6 U	
EPD-DW-A-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.89 J		0.39		2.3 UG/M3	0.89 J	
EPD-DW-A-081523	TO-15	591-78-6	2-HEXANONE	3.2 U		0.6		3.2 UG/M3	3.2 UJ	
EPD-DW-A-081523	TO-15	67-63-0	2-PROPANOL	7.6 U		0.18		7.6 UG/M3	7.6 U	
EPD-DW-A-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.21		2.4 UG/M3	2.4 U	
EPD-DW-A-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.13		0.76 UG/M3	0.76 U	
EPD-DW-A-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.19		0.63 UG/M3	0.63 UJ	
EPD-DW-A-081523	TO-15	67-64-1	ACETONE	12		0.55		7.4 UG/M3	12	
EPD-DW-A-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.23		0.8 UG/M3	0.80 U	
EPD-DW-A-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13		1 UG/M3	1.0 U	
EPD-DW-A-081523	TO-15	75-25-2	BROMOFORM	1.6 U		0.15		1.6 UG/M3	1.6 U	
EPD-DW-A-081523	TO-15	74-83-9	BROMOMETHANE	30 U		1.4		30 UG/M3	30 U	
EPD-DW-A-081523	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.11		2.4 UG/M3	2.4 U	
EPD-DW-A-081523	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.082		0.71 UG/M3	0.71 U	
EPD-DW-A-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19		0.7 UG/M3	0.70 U	
EPD-DW-A-081523	TO-15	98-82-8	CUMENE	0.76 U		0.07		0.76 UG/M3	0.76 U	
EPD-DW-A-081523	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45		2.7 UG/M3	2.7 U	
EPD-DW-A-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19		1.3 UG/M3	1.3 U	
EPD-DW-A-081523	TO-15	64-17-5	ETHANOL	1.2 J		0.74		18 UG/M3	1.2 J+	
EPD-DW-A-081523	TO-15	75-69-4	FREON 11	1.1		0.13		0.87 UG/M3	1.1	
EPD-DW-A-081523	TO-15	76-13-1	FREON 113	0.36 J		0.12		1.2 UG/M3	0.36 J	
EPD-DW-A-081523	TO-15	142-82-5	HEPTANE	3.2 U		0.44		3.2 UG/M3	3.2 U	
EPD-DW-A-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.54		8.3 UG/M3	8.3 U	
EPD-DW-A-081523	TO-15	110-54-3	HEXANE	0.25 J		0.25		2.7 UG/M3	0.25 J	
EPD-DW-A-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.66 J		0.34		1.1 UG/M3	0.66 J	
EPD-DW-A-081523	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.18		0.76 UG/M3	0.76 U	
EPD-DW-A-081523	TO-15	100-42-5	STYRENE	0.66 U		0.11		0.66 UG/M3	0.66 U	
EPD-DW-A-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39		2.3 UG/M3	2.3 U	
EPD-DW-A-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14		0.7 UG/M3	0.70 U	
EPD-DW-A-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-A-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-DW-A-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022		0.17 UG/M3	0.17 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-A-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-DW-A-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-DW-A-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-DW-A-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-DW-A-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.084	0.24	UG/M3	0.24 U	
EPD-DW-A-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.039 J		0.032	0.12	UG/M3	0.039 J	
EPD-DW-A-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.066	0.19	UG/M3	0.19 U	
EPD-DW-A-081523	TO-15 SIM	71-43-2	BENZENE	0.26		0.028	0.25	UG/M3	0.26	
EPD-DW-A-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.041	0.2	UG/M3	0.47	
EPD-DW-A-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-DW-A-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.092 J		0.022	0.15	UG/M3	0.092 J	
EPD-DW-A-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.75 J		0.32	1.6	UG/M3	0.75 J	
EPD-DW-A-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-DW-A-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.066 J		0.013	0.13	UG/M3	0.066 J	
EPD-DW-A-081523	TO-15 SIM	76-14-2	FREON 114	0.095 J		0.018	0.22	UG/M3	0.095 J	
EPD-DW-A-081523	TO-15 SIM	75-71-8	FREON 12	1.9		0.028	0.38	UG/M3	1.9	
EPD-DW-A-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.2 J		0.0082	0.27	UG/M3	0.27 U	
EPD-DW-A-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.015	0.56	UG/M3	0.56 U	
EPD-DW-A-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.41 U		0.12	0.41	UG/M3	0.41 U	
EPD-DW-A-081523	TO-15 SIM	95-47-6	O-XYLENE	0.084 J		0.011	0.13	UG/M3	0.13 U	
EPD-DW-A-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.12	0.21	UG/M3	0.21 U	
EPD-DW-A-081523	TO-15 SIM	108-88-3	TOLUENE	0.41		0.015	0.29	UG/M3	0.41	
EPD-DW-A-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.14 J		0.014	0.61	UG/M3	0.14 J	
EPD-DW-A-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.023	0.17	UG/M3	0.17 U	
EPD-DW-A-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.011	0.04	UG/M3	0.040 U	
EPD-UW-E-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.3	5.8	UG/M3	5.8 U	
EPD-UW-E-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-UW-E-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93 U		0.15	0.93	UG/M3	0.93 U	
EPD-UW-E-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-UW-E-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.15	0.76	UG/M3	0.76 U	
EPD-UW-E-081523	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.047	0.34	UG/M3	0.34 U	
EPD-UW-E-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93 U		0.093	0.93	UG/M3	0.93 U	
EPD-UW-E-081523	TO-15	123-91-1	1,4-DIOXANE	0.56 U		0.081	0.56	UG/M3	0.56 U	
EPD-UW-E-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.28 J		0.24	3.6	UG/M3	0.28 J	
EPD-UW-E-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.54 J		0.39	2.3	UG/M3	0.54 J	
EPD-UW-E-081523	TO-15	591-78-6	2-HEXANONE	3.2 U		0.6	3.2	UG/M3	3.2 U	
EPD-UW-E-081523	TO-15	67-63-0	2-PROPANOL	7.6 U		0.18	7.6	UG/M3	7.6 U	
EPD-UW-E-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.21	2.4	UG/M3	2.4 U	
EPD-UW-E-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.13	0.76	UG/M3	0.76 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-E-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-UW-E-081523	TO-15	67-64-1	ACETONE	6.7 J		0.55	7.4	UG/M3	6.7 J	
EPD-UW-E-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.23	0.8	UG/M3	0.80 U	
EPD-UW-E-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-UW-E-081523	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-UW-E-081523	TO-15	74-83-9	BROMOMETHANE	30 U		1.4	30	UG/M3	30 U	
EPD-UW-E-081523	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.11	2.4	UG/M3	2.4 U	
EPD-UW-E-081523	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.082	0.71	UG/M3	0.71 U	
EPD-UW-E-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-UW-E-081523	TO-15	98-82-8	CUMENE	0.76 U		0.07	0.76	UG/M3	0.76 U	
EPD-UW-E-081523	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45	2.7	UG/M3	2.7 U	
EPD-UW-E-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-UW-E-081523	TO-15	64-17-5	ETHANOL	1.9 J		0.74	18	UG/M3	1.9 J+	
EPD-UW-E-081523	TO-15	75-69-4	FREON 11	1.1		0.13	0.87	UG/M3	1.1	
EPD-UW-E-081523	TO-15	76-13-1	FREON 113	0.52 J		0.12	1.2	UG/M3	0.52 J	
EPD-UW-E-081523	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-UW-E-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.54	8.3	UG/M3	8.3 U	
EPD-UW-E-081523	TO-15	110-54-3	HEXANE	0.33 J		0.25	2.7	UG/M3	0.33 J	
EPD-UW-E-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.63 J		0.34	1.1	UG/M3	0.63 J	
EPD-UW-E-081523	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-UW-E-081523	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-UW-E-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-UW-E-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-UW-E-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-E-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-E-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	
EPD-UW-E-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-UW-E-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-UW-E-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-UW-E-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-UW-E-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.084	0.24	UG/M3	0.24 U	
EPD-UW-E-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.032	0.12	UG/M3	0.045 J	
EPD-UW-E-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.066	0.19	UG/M3	0.19 U	
EPD-UW-E-081523	TO-15 SIM	71-43-2	BENZENE	0.35		0.028	0.25	UG/M3	0.35	
EPD-UW-E-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.041	0.2	UG/M3	0.51	
EPD-UW-E-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-UW-E-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.084 J		0.022	0.15	UG/M3	0.084 J	
EPD-UW-E-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82 J		0.32	1.6	UG/M3	0.82 J	
EPD-UW-E-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-E-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.087 J		0.013	0.13	UG/M3	0.087 J	
EPD-UW-E-081523	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.018	0.22	UG/M3	0.12 J	
EPD-UW-E-081523	TO-15 SIM	75-71-8	FREON 12	2.4		0.028	0.38	UG/M3	2.4	
EPD-UW-E-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.29		0.0082	0.27	UG/M3	0.29	
EPD-UW-E-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.015	0.56	UG/M3	0.56 U	
EPD-UW-E-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.41 U		0.12	0.41	UG/M3	0.41 U	
EPD-UW-E-081523	TO-15 SIM	95-47-6	O-XYLENE	0.11 J		0.011	0.13	UG/M3	0.13 U	
EPD-UW-E-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.12	0.21	UG/M3	0.21 U	
EPD-UW-E-081523	TO-15 SIM	108-88-3	TOLUENE	0.66		0.015	0.29	UG/M3	0.66	
EPD-UW-E-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61 U		0.014	0.61	UG/M3	0.61 U	
EPD-UW-E-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.023	0.17	UG/M3	0.17 U	
EPD-UW-E-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.011	0.04	UG/M3	0.040 U	
EPD-WA-01-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.2	5.4	UG/M3	5.4 U	
EPD-WA-01-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U		0.17	0.71	UG/M3	0.71 U	
EPD-WA-01-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U		0.14	0.87	UG/M3	0.87 U	
EPD-WA-01-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-01-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-01-081523	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.044	0.32	UG/M3	0.32 U	
EPD-WA-01-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U		0.087	0.87	UG/M3	0.87 U	
EPD-WA-01-081523	TO-15	123-91-1	1,4-DIOXANE	0.1 J		0.076	0.52	UG/M3	0.10 J	
EPD-WA-01-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.29 J		0.22	3.4	UG/M3	0.29 J	
EPD-WA-01-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.78 J		0.36	2.1	UG/M3	0.78 J	
EPD-WA-01-081523	TO-15	591-78-6	2-HEXANONE	3 U		0.56	3	UG/M3	3.0 UJ	
EPD-WA-01-081523	TO-15	67-63-0	2-PROPANOL	7.1 U		0.17	7.1	UG/M3	7.1 U	
EPD-WA-01-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.2	2.3	UG/M3	2.3 U	
EPD-WA-01-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.12	0.71	UG/M3	0.71 U	
EPD-WA-01-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.18	0.59	UG/M3	0.59 UJ	
EPD-WA-01-081523	TO-15	67-64-1	ACETONE	8.3		0.52	6.9	UG/M3	8.3	
EPD-WA-01-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.22	0.75	UG/M3	0.75 U	
EPD-WA-01-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.12	0.97	UG/M3	0.97 U	
EPD-WA-01-081523	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-01-081523	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-01-081523	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.1	2.2	UG/M3	2.2 U	
EPD-WA-01-081523	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.077	0.67	UG/M3	0.67 U	
EPD-WA-01-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-01-081523	TO-15	98-82-8	CUMENE	0.71 U		0.066	0.71	UG/M3	0.71 U	
EPD-WA-01-081523	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-01-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-01-081523	TO-15	64-17-5	ETHANOL	2.3 J		0.69	17	UG/M3	2.3 J+	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-081523	TO-15	75-69-4	FREON 11	1.1		0.12	0.81	UG/M3	1.1	
EPD-WA-01-081523	TO-15	76-13-1	FREON 113	0.51 J		0.11	1.1	UG/M3	0.51 J	
EPD-WA-01-081523	TO-15	142-82-5	HEPTANE	3 U		0.41	3	UG/M3	3.0 U	
EPD-WA-01-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		0.51	7.7	UG/M3	7.7 U	
EPD-WA-01-081523	TO-15	110-54-3	HEXANE	0.31 J		0.23	2.6	UG/M3	0.31 J	
EPD-WA-01-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.59 J		0.31	1	UG/M3	0.59 J	
EPD-WA-01-081523	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.16	0.71	UG/M3	0.71 U	
EPD-WA-01-081523	TO-15	100-42-5	STYRENE	0.62 U		0.1	0.62	UG/M3	0.62 U	
EPD-WA-01-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-WA-01-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-01-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-01-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.085	0.2	UG/M3	0.20 U	
EPD-WA-01-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054	0.16	UG/M3	0.16 U	
EPD-WA-01-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-01-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-WA-01-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.078	0.22	UG/M3	0.22 U	
EPD-WA-01-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044 J		0.03	0.12	UG/M3	0.044 J	
EPD-WA-01-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.062	0.17	UG/M3	0.17 U	
EPD-WA-01-081523	TO-15 SIM	71-43-2	BENZENE	0.38		0.026	0.23	UG/M3	0.38	
EPD-WA-01-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.039	0.18	UG/M3	0.50	
EPD-WA-01-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-WA-01-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.079 J		0.021	0.14	UG/M3	0.079 J	
EPD-WA-01-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.79 J		0.3	1.5	UG/M3	0.79 J	
EPD-WA-01-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.011	0.11	UG/M3	0.11 U	
EPD-WA-01-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.079 J		0.012	0.12	UG/M3	0.079 J	
EPD-WA-01-081523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.016	0.2	UG/M3	0.11 J	
EPD-WA-01-081523	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.36	UG/M3	2.4	
EPD-WA-01-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.26		0.0077	0.25	UG/M3	0.26	
EPD-WA-01-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.014	0.52	UG/M3	0.52 U	
EPD-WA-01-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.11	0.38	UG/M3	0.38 U	
EPD-WA-01-081523	TO-15 SIM	95-47-6	O-XYLENE	0.1 J		0.011	0.12	UG/M3	0.12 U	
EPD-WA-01-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-WA-01-081523	TO-15 SIM	108-88-3	TOLUENE	0.88		0.014	0.27	UG/M3	0.88	
EPD-WA-01-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.013	0.57	UG/M3	0.57 U	
EPD-WA-01-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-01-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-02-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.5 U		1.4	6.5	UG/M3	6.5 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.86 U		0.21	0.86	UG/M3	0.86 U	
EPD-WA-02-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	1 U		0.16	1	UG/M3	1.0 U	
EPD-WA-02-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.81 U		0.16	0.81	UG/M3	0.81 U	
EPD-WA-02-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.86 U		0.17	0.86	UG/M3	0.86 U	
EPD-WA-02-081523	TO-15	106-99-0	1,3-BUTADIENE	0.39 U		0.053	0.39	UG/M3	0.39 U	
EPD-WA-02-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	1 U		0.1	1	UG/M3	1.0 U	
EPD-WA-02-081523	TO-15	123-91-1	1,4-DIOXANE	0.63 U		0.091	0.63	UG/M3	0.63 U	
EPD-WA-02-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.33 J		0.26	4.1	UG/M3	0.33 J	
EPD-WA-02-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.57 J		0.44	2.6	UG/M3	0.57 J	
EPD-WA-02-081523	TO-15	591-78-6	2-HEXANONE	3.6 U		0.68	3.6	UG/M3	3.6 U	
EPD-WA-02-081523	TO-15	67-63-0	2-PROPANOL	8.6 U		0.21	8.6	UG/M3	8.6 U	
EPD-WA-02-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.7 U		0.24	2.7	UG/M3	2.7 U	
EPD-WA-02-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.86 U		0.15	0.86	UG/M3	0.86 U	
EPD-WA-02-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.72 U		0.22	0.72	UG/M3	0.72 U	
EPD-WA-02-081523	TO-15	67-64-1	ACETONE	6.7 J		0.62	8.3	UG/M3	6.7 J	
EPD-WA-02-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.9 U		0.26	0.9	UG/M3	0.90 U	
EPD-WA-02-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-02-081523	TO-15	75-25-2	BROMOFORM	1.8 U		0.17	1.8	UG/M3	1.8 U	
EPD-WA-02-081523	TO-15	74-83-9	BROMOMETHANE	34 U		1.6	34	UG/M3	34 U	
EPD-WA-02-081523	TO-15	75-15-0	CARBON DISULFIDE	2.7 U		0.12	2.7	UG/M3	2.7 U	
EPD-WA-02-081523	TO-15	108-90-7	CHLOROBENZENE	0.8 U		0.093	0.8	UG/M3	0.80 U	
EPD-WA-02-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.79 U		0.21	0.79	UG/M3	0.79 U	
EPD-WA-02-081523	TO-15	98-82-8	CUMENE	0.86 U		0.079	0.86	UG/M3	0.86 U	
EPD-WA-02-081523	TO-15	110-82-7	CYCLOHEXANE	3 U		0.51	3	UG/M3	3.0 U	
EPD-WA-02-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-02-081523	TO-15	64-17-5	ETHANOL	1.2 J		0.84	20	UG/M3	1.2 J+	
EPD-WA-02-081523	TO-15	75-69-4	FREON 11	1.2		0.15	0.98	UG/M3	1.2	
EPD-WA-02-081523	TO-15	76-13-1	FREON 113	0.39 J		0.14	1.3	UG/M3	0.39 J	
EPD-WA-02-081523	TO-15	142-82-5	HEPTANE	3.6 U		0.5	3.6	UG/M3	3.6 U	
EPD-WA-02-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	9.3 U		0.61	9.3	UG/M3	9.3 U	
EPD-WA-02-081523	TO-15	110-54-3	HEXANE	3.1 U		0.28	3.1	UG/M3	3.1 U	
EPD-WA-02-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.58 J		0.38	1.2	UG/M3	0.58 J	
EPD-WA-02-081523	TO-15	103-65-1	PROPYLBENZENE	0.86 U		0.2	0.86	UG/M3	0.86 U	
EPD-WA-02-081523	TO-15	100-42-5	STYRENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-02-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.6 U		0.44	2.6	UG/M3	2.6 U	
EPD-WA-02-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.79 U		0.16	0.79	UG/M3	0.79 U	
EPD-WA-02-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-081523	TO-15	1066-40-6	SILANOL, TRIMETHYL-	1.4 NJ				PPBV	1.4 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.19 U		0.025	0.19	UG/M3	0.19 U	
EPD-WA-02-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.24 U		0.1	0.24	UG/M3	0.24 U	
EPD-WA-02-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.19 U		0.066	0.19	UG/M3	0.19 U	
EPD-WA-02-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.14 U		0.02	0.14	UG/M3	0.14 U	
EPD-WA-02-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.069 U		0.027	0.069	UG/M3	0.069 U	
EPD-WA-02-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.27 U		0.095	0.27	UG/M3	0.27 U	
EPD-WA-02-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J		0.036	0.14	UG/M3	0.043 J	
EPD-WA-02-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.21 U		0.074	0.21	UG/M3	0.21 U	
EPD-WA-02-081523	TO-15 SIM	71-43-2	BENZENE	0.45		0.032	0.28	UG/M3	0.45	
EPD-WA-02-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.047	0.22	UG/M3	0.46	
EPD-WA-02-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.23 U		0.025	0.23	UG/M3	0.23 U	
EPD-WA-02-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.089 J		0.025	0.17	UG/M3	0.089 J	
EPD-WA-02-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77 J		0.36	1.8	UG/M3	0.77 J	
EPD-WA-02-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.14 U		0.013	0.14	UG/M3	0.14 U	
EPD-WA-02-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.099 J		0.015	0.15	UG/M3	0.099 J	
EPD-WA-02-081523	TO-15 SIM	76-14-2	FREON 114	0.1 J		0.02	0.24	UG/M3	0.10 J	
EPD-WA-02-081523	TO-15 SIM	75-71-8	FREON 12	2.2		0.032	0.43	UG/M3	2.2	
EPD-WA-02-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.32		0.0093	0.3	UG/M3	0.32	
EPD-WA-02-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.63 U		0.017	0.63	UG/M3	0.63 U	
EPD-WA-02-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.46 U		0.13	0.46	UG/M3	0.46 U	
EPD-WA-02-081523	TO-15 SIM	95-47-6	O-XYLENE	0.13 J		0.013	0.15	UG/M3	0.15 U	
EPD-WA-02-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.24 U		0.13	0.24	UG/M3	0.24 U	
EPD-WA-02-081523	TO-15 SIM	108-88-3	TOLUENE	0.71		0.017	0.33	UG/M3	0.71	
EPD-WA-02-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.69 U		0.016	0.69	UG/M3	0.69 U	
EPD-WA-02-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.19 U		0.026	0.19	UG/M3	0.19 U	
EPD-WA-02-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.045 U		0.013	0.045	UG/M3	0.045 U	
EPD-WA-03-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.2 U		1.4	6.2	UG/M3	6.2 U	
EPD-WA-03-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.82 U		0.2	0.82	UG/M3	0.82 U	
EPD-WA-03-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	1 U		0.16	1	UG/M3	1.0 U	
EPD-WA-03-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.77 U		0.16	0.77	UG/M3	0.77 U	
EPD-WA-03-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.82 U		0.16	0.82	UG/M3	0.82 U	
EPD-WA-03-081523	TO-15	106-99-0	1,3-BUTADIENE	0.37 U		0.05	0.37	UG/M3	0.37 U	
EPD-WA-03-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	1 U		0.099	1	UG/M3	1.0 U	
EPD-WA-03-081523	TO-15	123-91-1	1,4-DIOXANE	0.2 J		0.086	0.6	UG/M3	0.20 J	
EPD-WA-03-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.3 J		0.25	3.9	UG/M3	0.30 J	
EPD-WA-03-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.71 J		0.42	2.4	UG/M3	0.71 J	
EPD-WA-03-081523	TO-15	591-78-6	2-HEXANONE	3.4 U		0.65	3.4	UG/M3	3.4 U	
EPD-WA-03-081523	TO-15	67-63-0	2-PROPANOL	8.2 U		0.2	8.2	UG/M3	8.2 U	
EPD-WA-03-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.6 U		0.23	2.6	UG/M3	2.6 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.82 U		0.14	0.82	UG/M3	0.82 U	
EPD-WA-03-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.3 J		0.21	0.68	UG/M3	0.30 J	
EPD-WA-03-081523	TO-15	67-64-1	ACETONE	7.1 J		0.59	7.9	UG/M3	7.1 J	
EPD-WA-03-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.86 U		0.25	0.86	UG/M3	0.86 U	
EPD-WA-03-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.14	1.1	UG/M3	1.1 U	
EPD-WA-03-081523	TO-15	75-25-2	BROMOFORM	1.7 U		0.16	1.7	UG/M3	1.7 U	
EPD-WA-03-081523	TO-15	74-83-9	BROMOMETHANE	32 U		1.5	32	UG/M3	32 U	
EPD-WA-03-081523	TO-15	75-15-0	CARBON DISULFIDE	2.6 U		0.11	2.6	UG/M3	2.6 U	
EPD-WA-03-081523	TO-15	108-90-7	CHLOROBENZENE	0.76 U		0.088	0.76	UG/M3	0.76 U	
EPD-WA-03-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.75 U		0.2	0.75	UG/M3	0.75 U	
EPD-WA-03-081523	TO-15	98-82-8	CUMENE	0.82 U		0.075	0.82	UG/M3	0.82 U	
EPD-WA-03-081523	TO-15	110-82-7	CYCLOHEXANE	2.8 U		0.48	2.8	UG/M3	2.8 U	
EPD-WA-03-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.21	1.4	UG/M3	1.4 U	
EPD-WA-03-081523	TO-15	64-17-5	ETHANOL	19 U		0.79	19	UG/M3	19 U	
EPD-WA-03-081523	TO-15	75-69-4	FREON 11	1.2		0.14	0.93	UG/M3	1.2	
EPD-WA-03-081523	TO-15	76-13-1	FREON 113	0.46 J		0.13	1.3	UG/M3	0.46 J	
EPD-WA-03-081523	TO-15	142-82-5	HEPTANE	3.4 U		0.47	3.4	UG/M3	3.4 U	
EPD-WA-03-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.8 U		0.58	8.8	UG/M3	8.8 U	
EPD-WA-03-081523	TO-15	110-54-3	HEXANE	2.9 U		0.26	2.9	UG/M3	2.9 U	
EPD-WA-03-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.55 J		0.36	1.2	UG/M3	0.55 J	
EPD-WA-03-081523	TO-15	103-65-1	PROPYLBENZENE	0.82 U		0.19	0.82	UG/M3	0.82 U	
EPD-WA-03-081523	TO-15	100-42-5	STYRENE	0.71 U		0.11	0.71	UG/M3	0.71 U	
EPD-WA-03-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-WA-03-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.75 U		0.15	0.75	UG/M3	0.75 U	
EPD-WA-03-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U		0.024	0.18	UG/M3	0.18 U	
EPD-WA-03-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.23 U		0.097	0.23	UG/M3	0.23 U	
EPD-WA-03-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U		0.062	0.18	UG/M3	0.18 U	
EPD-WA-03-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U		0.019	0.13	UG/M3	0.13 U	
EPD-WA-03-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.066 U		0.025	0.066	UG/M3	0.066 U	
EPD-WA-03-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26 U		0.09	0.26	UG/M3	0.26 U	
EPD-WA-03-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.034	0.13	UG/M3	0.041 J	
EPD-WA-03-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2 U		0.071	0.2	UG/M3	0.20 U	
EPD-WA-03-081523	TO-15 SIM	71-43-2	BENZENE	0.31		0.03	0.26	UG/M3	0.31	
EPD-WA-03-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.044	0.21	UG/M3	0.50	
EPD-WA-03-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.22 U		0.024	0.22	UG/M3	0.22 U	
EPD-WA-03-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.092 J		0.024	0.16	UG/M3	0.092 J	
EPD-WA-03-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.83 J		0.34	1.7	UG/M3	0.83 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.012	0.13	UG/M3	0.13 U	
EPD-WA-03-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.068 J		0.014	0.14	UG/M3	0.068 J	
EPD-WA-03-081523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.019	0.23	UG/M3	0.11 J	
EPD-WA-03-081523	TO-15 SIM	75-71-8	FREON 12	2.3		0.03	0.41	UG/M3	2.3	
EPD-WA-03-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.22 J		0.0088	0.29	UG/M3	0.29 U	
EPD-WA-03-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.6 U		0.016	0.6	UG/M3	0.60 U	
EPD-WA-03-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.44 U		0.12	0.44	UG/M3	0.44 U	
EPD-WA-03-081523	TO-15 SIM	95-47-6	O-XYLENE	0.087 J		0.012	0.14	UG/M3	0.14 U	
EPD-WA-03-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.22 U		0.12	0.22	UG/M3	0.22 U	
EPD-WA-03-081523	TO-15 SIM	108-88-3	TOLUENE	0.51		0.016	0.31	UG/M3	0.51	
EPD-WA-03-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.66 U		0.015	0.66	UG/M3	0.66 U	
EPD-WA-03-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.18 U		0.024	0.18	UG/M3	0.18 U	
EPD-WA-03-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.042 U		0.012	0.042	UG/M3	0.042 U	
EPD-WA-04-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		1.2	5.5	UG/M3	5.5 U	
EPD-WA-04-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73 U		0.18	0.73	UG/M3	0.73 U	
EPD-WA-04-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.14	0.89	UG/M3	0.89 U	
EPD-WA-04-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-04-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.15	0.73	UG/M3	0.73 U	
EPD-WA-04-081523	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.045	0.33	UG/M3	0.33 U	
EPD-WA-04-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.088	0.89	UG/M3	0.89 U	
EPD-WA-04-081523	TO-15	123-91-1	1,4-DIOXANE	0.29 J		0.077	0.53	UG/M3	0.29 J	
EPD-WA-04-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.28 J		0.22	3.4	UG/M3	0.28 J	
EPD-WA-04-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1 J		0.37	2.2	UG/M3	1.1 J	
EPD-WA-04-081523	TO-15	591-78-6	2-HEXANONE	3 U		0.58	3	UG/M3	3.0 UJ	
EPD-WA-04-081523	TO-15	67-63-0	2-PROPANOL	7.3 U		0.18	7.3	UG/M3	7.3 U	
EPD-WA-04-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.2	2.3	UG/M3	2.3 U	
EPD-WA-04-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.12	0.73	UG/M3	0.73 U	
EPD-WA-04-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.29 J		0.18	0.61	UG/M3	0.29 J	
EPD-WA-04-081523	TO-15	67-64-1	ACETONE	11		0.53	7	UG/M3	11	
EPD-WA-04-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.22	0.77	UG/M3	0.77 U	
EPD-WA-04-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.12	0.99	UG/M3	0.99 U	
EPD-WA-04-081523	TO-15	75-25-2	BROMOFORM	1.5 U		0.15	1.5	UG/M3	1.5 U	
EPD-WA-04-081523	TO-15	74-83-9	BROMOMETHANE	29 U		1.4	29	UG/M3	29 U	
EPD-WA-04-081523	TO-15	75-15-0	CARBON DISULFIDE	0.17 J		0.1	2.3	UG/M3	0.17 J	
EPD-WA-04-081523	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.078	0.68	UG/M3	0.68 U	
EPD-WA-04-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.18	0.67	UG/M3	0.67 U	
EPD-WA-04-081523	TO-15	98-82-8	CUMENE	0.73 U		0.067	0.73	UG/M3	0.73 U	
EPD-WA-04-081523	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.43	2.5	UG/M3	2.5 U	
EPD-WA-04-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.18	1.3	UG/M3	1.3 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-081523	TO-15	64-17-5	ETHANOL	2.2 J		0.71	17	UG/M3	2.2 J	
EPD-WA-04-081523	TO-15	75-69-4	FREON 11	1.2		0.12	0.83	UG/M3	1.2	
EPD-WA-04-081523	TO-15	76-13-1	FREON 113	0.47 J		0.12	1.1	UG/M3	0.47 J	
EPD-WA-04-081523	TO-15	142-82-5	HEPTANE	3 U		0.42	3	UG/M3	3.0 U	
EPD-WA-04-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		0.52	7.9	UG/M3	7.9 U	
EPD-WA-04-081523	TO-15	110-54-3	HEXANE	0.34 J		0.24	2.6	UG/M3	0.34 J	
EPD-WA-04-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.64 J		0.32	1	UG/M3	0.64 J	
EPD-WA-04-081523	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.17	0.73	UG/M3	0.73 U	
EPD-WA-04-081523	TO-15	100-42-5	STYRENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-04-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.37	2.2	UG/M3	2.2 U	
EPD-WA-04-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-04-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-04-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.086	0.2	UG/M3	0.20 U	
EPD-WA-04-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.056	0.16	UG/M3	0.16 U	
EPD-WA-04-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-04-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.022	0.059	UG/M3	0.059 U	
EPD-WA-04-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.08	0.23	UG/M3	0.23 U	
EPD-WA-04-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044 J		0.03	0.12	UG/M3	0.044 J	
EPD-WA-04-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.063	0.18	UG/M3	0.18 U	
EPD-WA-04-081523	TO-15 SIM	71-43-2	BENZENE	0.52		0.027	0.24	UG/M3	0.52	
EPD-WA-04-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.04	0.19	UG/M3	0.47	
EPD-WA-04-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	
EPD-WA-04-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.075 J		0.021	0.14	UG/M3	0.075 J	
EPD-WA-04-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.76 J		0.31	1.5	UG/M3	0.76 J	
EPD-WA-04-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-04-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.012	0.13	UG/M3	0.10 J	
EPD-WA-04-081523	TO-15 SIM	76-14-2	FREON 114	0.1 J		0.017	0.21	UG/M3	0.10 J	
EPD-WA-04-081523	TO-15 SIM	75-71-8	FREON 12	2.2		0.027	0.36	UG/M3	2.2	
EPD-WA-04-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.34		0.0078	0.26	UG/M3	0.34	
EPD-WA-04-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.014	0.53	UG/M3	0.53 U	
EPD-WA-04-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.11	0.39	UG/M3	0.39 U	
EPD-WA-04-081523	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.011	0.13	UG/M3	0.13	
EPD-WA-04-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-WA-04-081523	TO-15 SIM	108-88-3	TOLUENE	0.77		0.014	0.28	UG/M3	0.77	
EPD-WA-04-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.013	0.59	UG/M3	0.59 U	
EPD-WA-04-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-04-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.011	0.038	UG/M3	0.038 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		1.1	5.2	UG/M3	5.2 U	
EPD-WA-05-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.25 J		0.16	0.68	UG/M3	0.25 J	
EPD-WA-05-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.13	0.84	UG/M3	0.84 U	
EPD-WA-05-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-WA-05-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-05-081523	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.042	0.31	UG/M3	0.31 U	
EPD-WA-05-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.083	0.84	UG/M3	0.84 U	
EPD-WA-05-081523	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.072	0.5	UG/M3	0.50 U	
EPD-WA-05-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.35 J		0.21	3.2	UG/M3	0.35 J	
EPD-WA-05-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2 J		0.35	2	UG/M3	1.2 J	
EPD-WA-05-081523	TO-15	591-78-6	2-HEXANONE	2.8 U		0.54	2.8	UG/M3	2.8 UJ	
EPD-WA-05-081523	TO-15	67-63-0	2-PROPANOL	2 J		0.16	6.8	UG/M3	2.0 J	
EPD-WA-05-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.19	2.2	UG/M3	2.2 U	
EPD-WA-05-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.2 J		0.12	0.68	UG/M3	0.20 J	
EPD-WA-05-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.17	0.57	UG/M3	0.57 UJ	
EPD-WA-05-081523	TO-15	67-64-1	ACETONE	16		0.49	6.6	UG/M3	16	
EPD-WA-05-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.21	0.72	UG/M3	0.72 U	
EPD-WA-05-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93 U		0.12	0.93	UG/M3	0.93 U	
EPD-WA-05-081523	TO-15	75-25-2	BROMOFORM	1.4 U		0.14	1.4	UG/M3	1.4 U	
EPD-WA-05-081523	TO-15	74-83-9	BROMOMETHANE	27 U		1.3	27	UG/M3	27 U	
EPD-WA-05-081523	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.096	2.2	UG/M3	2.2 U	
EPD-WA-05-081523	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.074	0.64	UG/M3	0.64 U	
EPD-WA-05-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-05-081523	TO-15	98-82-8	CUMENE	0.68 U		0.063	0.68	UG/M3	0.68 U	
EPD-WA-05-081523	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.4	2.4	UG/M3	2.4 U	
EPD-WA-05-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.17	1.2	UG/M3	1.2 U	
EPD-WA-05-081523	TO-15	64-17-5	ETHANOL	2.3 J		0.66	16	UG/M3	2.3 J+	
EPD-WA-05-081523	TO-15	75-69-4	FREON 11	1.2		0.12	0.78	UG/M3	1.2	
EPD-WA-05-081523	TO-15	76-13-1	FREON 113	0.52 J		0.11	1.1	UG/M3	0.52 J	
EPD-WA-05-081523	TO-15	142-82-5	HEPTANE	2.8 U		0.4	2.8	UG/M3	2.8 U	
EPD-WA-05-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		0.49	7.4	UG/M3	7.4 U	
EPD-WA-05-081523	TO-15	110-54-3	HEXANE	0.51 J		0.22	2.4	UG/M3	0.51 J	
EPD-WA-05-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.92 J		0.3	0.96	UG/M3	0.92 J	
EPD-WA-05-081523	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.16	0.68	UG/M3	0.68 U	
EPD-WA-05-081523	TO-15	100-42-5	STYRENE	0.59 U		0.096	0.59	UG/M3	0.59 U	
EPD-WA-05-081523	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.35	2	UG/M3	2.0 U	
EPD-WA-05-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.13	0.63	UG/M3	0.63 U	
EPD-WA-05-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-081523	TO-15	78-78-4	BUTANE, 2-METHYL-	0.82 NJ				PPBV	0.82 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-081523	TO-15	NA	UNKNOWN TIC	0.83 J				PPBV	0.83 J	
EPD-WA-05-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-05-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.081	0.19	UG/M3	0.19 U	
EPD-WA-05-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.052	0.15	UG/M3	0.15 U	
EPD-WA-05-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-WA-05-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.021	0.055	UG/M3	0.055 U	
EPD-WA-05-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.075	0.21	UG/M3	0.21 U	
EPD-WA-05-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.029	0.11	UG/M3	0.045 J	
EPD-WA-05-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.059	0.17	UG/M3	0.17 U	
EPD-WA-05-081523	TO-15 SIM	71-43-2	BENZENE	0.46		0.025	0.22	UG/M3	0.46	
EPD-WA-05-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.037	0.17	UG/M3	0.51	
EPD-WA-05-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-05-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.094 J		0.02	0.14	UG/M3	0.094 J	
EPD-WA-05-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.75 J		0.29	1.4	UG/M3	0.75 J	
EPD-WA-05-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-05-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.012	0.12	UG/M3	0.15	
EPD-WA-05-081523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.016	0.19	UG/M3	0.11 J	
EPD-WA-05-081523	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.34	UG/M3	2.5	
EPD-WA-05-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.54		0.0074	0.24	UG/M3	0.54	
EPD-WA-05-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.014	0.5	UG/M3	0.50 U	
EPD-WA-05-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.36 U		0.1	0.36	UG/M3	0.36 U	
EPD-WA-05-081523	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.01	0.12	UG/M3	0.20	
EPD-WA-05-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.14 J		0.1	0.19	UG/M3	0.14 J	
EPD-WA-05-081523	TO-15 SIM	108-88-3	TOLUENE	1.6		0.014	0.26	UG/M3	1.6	
EPD-WA-05-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.78		0.013	0.55	UG/M3	0.78	
EPD-WA-05-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-05-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.01	0.036	UG/M3	0.036 U	
EPD-WA-06-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.2	5.4	UG/M3	5.4 U	
EPD-WA-06-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U		0.17	0.71	UG/M3	0.71 U	
EPD-WA-06-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U		0.14	0.87	UG/M3	0.87 U	
EPD-WA-06-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-06-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-06-081523	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.044	0.32	UG/M3	0.32 U	
EPD-WA-06-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U		0.087	0.87	UG/M3	0.87 U	
EPD-WA-06-081523	TO-15	123-91-1	1,4-DIOXANE	0.25 J		0.076	0.52	UG/M3	0.25 J	
EPD-WA-06-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.22	3.4	UG/M3	3.4 U	
EPD-WA-06-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.97 J		0.36	2.1	UG/M3	0.97 J	
EPD-WA-06-081523	TO-15	591-78-6	2-HEXANONE	3 U		0.56	3	UG/M3	3.0 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-081523	TO-15	67-63-0	2-PROPANOL	4.7 J		0.17		7.1 UG/M3	4.7 J	
EPD-WA-06-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.2		2.3 UG/M3	2.3 U	
EPD-WA-06-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.12		0.71 UG/M3	0.71 U	
EPD-WA-06-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.18		0.59 UG/M3	0.59 U	
EPD-WA-06-081523	TO-15	67-64-1	ACETONE	21		0.52		6.9 UG/M3	21	
EPD-WA-06-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.22		0.75 UG/M3	0.75 U	
EPD-WA-06-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.12		0.97 UG/M3	0.97 U	
EPD-WA-06-081523	TO-15	75-25-2	BROMOFORM	1.5 U		0.14		1.5 UG/M3	1.5 U	
EPD-WA-06-081523	TO-15	74-83-9	BROMOMETHANE	28 U		1.3		28 UG/M3	28 U	
EPD-WA-06-081523	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.1		2.2 UG/M3	2.2 U	
EPD-WA-06-081523	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.077		0.67 UG/M3	0.67 U	
EPD-WA-06-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.18		0.66 UG/M3	0.66 U	
EPD-WA-06-081523	TO-15	98-82-8	CUMENE	0.71 U		0.066		0.71 UG/M3	0.71 U	
EPD-WA-06-081523	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42		2.5 UG/M3	2.5 U	
EPD-WA-06-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18		1.2 UG/M3	1.2 U	
EPD-WA-06-081523	TO-15	64-17-5	ETHANOL	4.1 J		0.69		17 UG/M3	4.1 J	
EPD-WA-06-081523	TO-15	75-69-4	FREON 11	1.3		0.12		0.81 UG/M3	1.3	
EPD-WA-06-081523	TO-15	76-13-1	FREON 113	0.59 J		0.11		1.1 UG/M3	0.59 J	
EPD-WA-06-081523	TO-15	142-82-5	HEPTANE	3 U		0.41		3 UG/M3	3 U	
EPD-WA-06-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		0.51		7.7 UG/M3	7.7 U	
EPD-WA-06-081523	TO-15	110-54-3	HEXANE	0.29 J		0.23		2.6 UG/M3	0.29 J	
EPD-WA-06-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.64 J		0.31		1 UG/M3	0.64 J	
EPD-WA-06-081523	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.16		0.71 UG/M3	0.71 U	
EPD-WA-06-081523	TO-15	100-42-5	STYRENE	0.62 U		0.1		0.62 UG/M3	0.62 U	
EPD-WA-06-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36		2.1 UG/M3	2.1 U	
EPD-WA-06-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.13		0.66 UG/M3	0.66 U	
EPD-WA-06-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021		0.16 UG/M3	0.16 U	
EPD-WA-06-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.085		0.2 UG/M3	0.20 U	
EPD-WA-06-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054		0.16 UG/M3	0.16 U	
EPD-WA-06-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017		0.12 UG/M3	0.12 U	
EPD-WA-06-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022		0.057 UG/M3	0.057 U	
EPD-WA-06-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.078		0.22 UG/M3	0.22 U	
EPD-WA-06-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.03		0.12 UG/M3	0.045 J	
EPD-WA-06-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.062		0.17 UG/M3	0.17 U	
EPD-WA-06-081523	TO-15 SIM	71-43-2	BENZENE	0.39		0.026		0.23 UG/M3	0.39	
EPD-WA-06-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.51		0.039		0.18 UG/M3	0.51	
EPD-WA-06-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021		0.19 UG/M3	0.19 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.087 J		0.021	0.14	UG/M3	0.087 J	
EPD-WA-06-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82 J		0.3	1.5	UG/M3	0.82 J	
EPD-WA-06-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.011	0.11	UG/M3	0.11 U	
EPD-WA-06-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.088 J		0.012	0.12	UG/M3	0.088 J	
EPD-WA-06-081523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.016	0.2	UG/M3	0.11 J	
EPD-WA-06-081523	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.36	UG/M3	2.4	
EPD-WA-06-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.28		0.0077	0.25	UG/M3	0.28	
EPD-WA-06-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.014	0.52	UG/M3	0.52 U	
EPD-WA-06-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.14 J		0.11	0.38	UG/M3	0.38 U	
EPD-WA-06-081523	TO-15 SIM	95-47-6	O-XYLENE	0.11 J		0.011	0.12	UG/M3	0.12 U	
EPD-WA-06-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-WA-06-081523	TO-15 SIM	108-88-3	TOLUENE	0.68		0.014	0.27	UG/M3	0.68	
EPD-WA-06-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.12 J		0.013	0.57	UG/M3	0.12 J	
EPD-WA-06-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-06-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-55-081523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		1.2	5.6	UG/M3	5.6 U	
EPD-WA-55-081523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.21 J		0.18	0.74	UG/M3	0.21 J	
EPD-WA-55-081523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.14	0.91	UG/M3	0.91 U	
EPD-WA-55-081523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-55-081523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.15	0.74	UG/M3	0.74 U	
EPD-WA-55-081523	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.046	0.33	UG/M3	0.33 U	
EPD-WA-55-081523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.09	0.91	UG/M3	0.91 U	
EPD-WA-55-081523	TO-15	123-91-1	1,4-DIOXANE	0.23 J		0.079	0.54	UG/M3	0.23 J	
EPD-WA-55-081523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		0.23	3.5	UG/M3	3.5 U	
EPD-WA-55-081523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3		0.38	2.2	UG/M3	2.3	
EPD-WA-55-081523	TO-15	591-78-6	2-HEXANONE	3.1 U		0.59	3.1	UG/M3	3.1 UJ	
EPD-WA-55-081523	TO-15	67-63-0	2-PROPANOL	7.4 U		0.18	7.4	UG/M3	7.4 U	
EPD-WA-55-081523	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.21	2.4	UG/M3	2.4 U	
EPD-WA-55-081523	TO-15	622-96-8	4-ETHYLTOLUENE	0.19 J		0.13	0.74	UG/M3	0.19 J	
EPD-WA-55-081523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.19	0.62	UG/M3	0.62 UJ	
EPD-WA-55-081523	TO-15	67-64-1	ACETONE	25		0.54	7.2	UG/M3	25	
EPD-WA-55-081523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.23	0.78	UG/M3	0.78 U	
EPD-WA-55-081523	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-55-081523	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-WA-55-081523	TO-15	74-83-9	BROMOMETHANE	29 U		1.4	29	UG/M3	29 U	
EPD-WA-55-081523	TO-15	75-15-0	CARBON DISULFIDE	0.16 J		0.1	2.4	UG/M3	0.16 J	
EPD-WA-55-081523	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.08	0.7	UG/M3	0.70 U	
EPD-WA-55-081523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.18	0.68	UG/M3	0.68 U	
EPD-WA-55-081523	TO-15	98-82-8	CUMENE	0.74 U		0.068	0.74	UG/M3	0.74 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-081523	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.44	2.6	UG/M3	2.6 U	
EPD-WA-55-081523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-WA-55-081523	TO-15	64-17-5	ETHANOL	3.6 J		0.72	18	UG/M3	3.6 J+	
EPD-WA-55-081523	TO-15	75-69-4	FREON 11	1.2		0.13	0.85	UG/M3	1.2	
EPD-WA-55-081523	TO-15	76-13-1	FREON 113	0.5 J		0.12	1.2	UG/M3	0.50 J	
EPD-WA-55-081523	TO-15	142-82-5	HEPTANE	3.1 U		0.43	3.1	UG/M3	3.1 U	
EPD-WA-55-081523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		0.53	8	UG/M3	8.0 U	
EPD-WA-55-081523	TO-15	110-54-3	HEXANE	0.48 J		0.24	2.7	UG/M3	0.48 J	
EPD-WA-55-081523	TO-15	75-09-2	METHYLENE CHLORIDE	0.84 J		0.33	1	UG/M3	0.84 J	
EPD-WA-55-081523	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.17	0.74	UG/M3	0.74 U	
EPD-WA-55-081523	TO-15	100-42-5	STYRENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-55-081523	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.38	2.2	UG/M3	2.2 U	
EPD-WA-55-081523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-55-081523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-55-081523	TO-15	78-78-4	BUTANE, 2-METHYL-	0.79 NJ				PPBV	0.79 NJ	
EPD-WA-55-081523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-55-081523	TO-15	NA	UNKNOWN TIC	0.97 J				PPBV	0.97 J	
EPD-WA-55-081523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-55-081523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.088	0.21	UG/M3	0.21 U	
EPD-WA-55-081523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.057	0.16	UG/M3	0.16 U	
EPD-WA-55-081523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-55-081523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.023	0.06	UG/M3	0.060 U	
EPD-WA-55-081523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.082	0.23	UG/M3	0.23 U	
EPD-WA-55-081523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044 J		0.031	0.12	UG/M3	0.044 J	
EPD-WA-55-081523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.064	0.18	UG/M3	0.18 U	
EPD-WA-55-081523	TO-15 SIM	71-43-2	BENZENE	0.48		0.027	0.24	UG/M3	0.48	
EPD-WA-55-081523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.04	0.19	UG/M3	0.46	
EPD-WA-55-081523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-WA-55-081523	TO-15 SIM	67-66-3	CHLOROFORM	0.089 J		0.022	0.15	UG/M3	0.089 J	
EPD-WA-55-081523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.72 J		0.31	1.6	UG/M3	0.72 J	
EPD-WA-55-081523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-55-081523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.013	0.13	UG/M3	0.15	
EPD-WA-55-081523	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.017	0.21	UG/M3	0.094 J	
EPD-WA-55-081523	TO-15 SIM	75-71-8	FREON 12	2.2		0.027	0.37	UG/M3	2.2	
EPD-WA-55-081523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.56		0.008	0.26	UG/M3	0.56	
EPD-WA-55-081523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.015	0.54	UG/M3	0.54 U	
EPD-WA-55-081523	TO-15 SIM	91-20-3	NAPHTHALENE	0.4 U		0.11	0.4	UG/M3	0.40 U	
EPD-WA-55-081523	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.011	0.13	UG/M3	0.21	
EPD-WA-55-081523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.14 J		0.11	0.2	UG/M3	0.14 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308316

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-081523	TO-15 SIM	108-88-3	TOLUENE	1.6		0.015	0.28	UG/M3	1.6	
EPD-WA-55-081523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.25 J		0.014	0.6	UG/M3	0.25 J	
EPD-WA-55-081523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-55-081523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.011	0.038	UG/M3	0.038 U	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2107b	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Laboratory Report No.	2308349	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes	
Analyses	Nine air samples including one field duplicate pair		
Samples and Matrix	08/16/2023		
Collection Date(s)	EPD-WA-02-081623/EPD-WA-22-081623		
Field Duplicate Pairs	None		
Field QC Blanks			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio, Revision 3* (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided COC form and LCS/LCSD RPDs separately. No qualifications were applied.

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following conformation for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2308349-10B): 1,1,2,2-Tetrachloroethane, 1,4-dichlorobenzene, benzene, and naphthalene were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All 1,1,2,2-tetrachloroethane and 1,4-dichlorobenzene sample results were nondetect; therefore, no qualifications were applied. All benzene sample results were greater than ten times the blank value; therefore, no qualifications were applied. The naphthalene results in samples EPD-DW-B-081623, EPD-WA-01-081623, EPD-WA-03-081623, EPD-WA-04-081623, EPD-WA-05-081623, and EPD-WA-06-081623 were detected at levels below the RLs, therefore the sample results were qualified as nondetect (flagged U) at the RLs. All other naphthalene results were nondetect; therefore, no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.39 to 1.59. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The known TICs were qualified as tentatively identified (flagged NJ). The unknown TICs were qualified as estimated (flagged J). 2-Ethyl-1-hexanol and butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
NA	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9 U	5.9 U	3.2	5.9	UG/M3	5.9	5.9 U
EPD-DW-B-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.78 U	0.78 U	0.21	0.78	UG/M3	0.78	0.78 U
EPD-DW-B-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.96 U	0.96 U	0.19	0.96	UG/M3	0.96	0.96 U
EPD-DW-B-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73 U	0.73 U	0.23	0.73	UG/M3	0.73	0.73 U
EPD-DW-B-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78 U	0.78 U	0.19	0.78	UG/M3	0.78	0.78 U
EPD-DW-B-081623	TO-15	106-99-0	1,3-BUTADIENE	0.35 U	0.35 U	0.15	0.35	UG/M3	0.35	0.35 U
EPD-DW-B-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.96 U	0.96 U	0.21	0.96	UG/M3	0.96	0.96 U
EPD-DW-B-081623	TO-15	123-91-1	1,4-DIOXANE	0.57 U	0.57 U	0.17	0.57	UG/M3	0.57	0.57 U
EPD-DW-B-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.7 U	3.7 U	1.1	3.7	UG/M3	3.7	3.7 U
EPD-DW-B-081623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.67 J	0.67 J	0.24	2.3	UG/M3	0.67 J	0.67 J
EPD-DW-B-081623	TO-15	591-78-6	2-HEXANONE	3.2 U	3.2 U	0.73	3.2	UG/M3	3.2	3.2 U
EPD-DW-B-081623	TO-15	67-63-0	2-PROPANOL	7.8 U	7.8 U	0.6	7.8	UG/M3	7.8	7.8 U
EPD-DW-B-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.5 U	2.5 U	0.68	2.5	UG/M3	2.5	2.5 U
EPD-DW-B-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.78 U	0.78 U	0.22	0.78	UG/M3	0.78	0.78 U
EPD-DW-B-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65 U	0.65 U	0.13	0.65	UG/M3	0.65	0.65 U
EPD-DW-B-081623	TO-15	67-64-1	ACETONE	14	14	1.7	7.6	UG/M3	14	14
EPD-DW-B-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82 U	0.82 U	0.19	0.82	UG/M3	0.82	0.82 U
EPD-DW-B-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U	1.1 U	0.23	1.1	UG/M3	1.1	1.1 U
EPD-DW-B-081623	TO-15	75-25-2	BROMOFORM	1.6 U	1.6 U	0.3	1.6	UG/M3	1.6	1.6 U
EPD-DW-B-081623	TO-15	74-83-9	BROMOMETHANE	31 U	31 U	1.8	31	UG/M3	31	31 U
EPD-DW-B-081623	TO-15	75-15-0	CARBON DISULFIDE	2.5 U	2.5 U	2.3	2.5	UG/M3	2.5	2.5 U
EPD-DW-B-081623	TO-15	108-90-7	CHLOROBENZENE	0.73 U	0.73 U	0.2	0.73	UG/M3	0.73	0.73 U
EPD-DW-B-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72 U	0.72 U	0.13	0.72	UG/M3	0.72	0.72 U
EPD-DW-B-081623	TO-15	98-82-8	CUMENE	0.78 U	0.78 U	0.29	0.78	UG/M3	0.78	0.78 U
EPD-DW-B-081623	TO-15	110-82-7	CYCLOHEXANE	2.7 U	2.7 U	0.53	2.7	UG/M3	2.7	2.7 U
EPD-DW-B-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U	1.4 U	0.22	1.4	UG/M3	1.4	1.4 U
EPD-DW-B-081623	TO-15	64-17-5	ETHANOL	2.5 J	2.5 J	0.63	6	UG/M3	2.5 J	2.5 J
EPD-DW-B-081623	TO-15	75-69-4	FREON 11	0.91	0.91	0.14	0.89	UG/M3	0.91	0.91
EPD-DW-B-081623	TO-15	76-13-1	FREON 113	0.4 J	0.4 J	0.23	1.2	UG/M3	0.40 J	0.40 J
EPD-DW-B-081623	TO-15	142-82-5	HEPTANE	3.2 U	3.2 U	0.5	3.2	UG/M3	3.2	3.2 U
EPD-DW-B-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.5 U	8.5 U	2	8.5	UG/M3	8.5	8.5 U
EPD-DW-B-081623	TO-15	110-54-3	HEXANE	2.8 U	2.8 U	0.67	2.8	UG/M3	2.8	2.8 U
EPD-DW-B-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.54 J	0.54 J	0.25	1.1	UG/M3	0.54 J	0.54 J
EPD-DW-B-081623	TO-15	103-65-1	PROPYLBENZENE	0.78 U	0.78 U	0.23	0.78	UG/M3	0.78	0.78 U
EPD-DW-B-081623	TO-15	100-42-5	STYRENE	0.68 U	0.68 U	0.18	0.68	UG/M3	0.68	0.68 U
EPD-DW-B-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U	2.3 U	2.2	2.3	UG/M3	2.3	2.3 U
EPD-DW-B-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72 U	0.72 U	0.21	0.72	UG/M3	0.72	0.72 U
EPD-DW-B-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-DW-B-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-DW-B-081623	TO-15	109-66-0	PENTANE	1 NU	1 NU			PPBV	1.0 NU	1.0 NU
EPD-DW-B-081623	TO-15	NA	UNKNOWN TIC	2.5 J	2.5 J			PPBV	2.5 J	2.5 J
EPD-DW-B-081623	TO-15	NA	UNKNOWN TIC	3.5 J	3.5 J			PPBV	3.5 J	3.5 J
EPD-DW-B-081623	TO-15	NA	UNKNOWN TIC	6.1 J	6.1 J			PPBV	6.1 J	6.1 J
EPD-DW-B-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U	0.17 U	0.034	0.17	UG/M3	0.17	0.17 U
EPD-DW-B-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22 U	0.22 U	0.057	0.22	UG/M3	0.22	0.22 U
EPD-DW-B-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U	0.17 U	0.02	0.17	UG/M3	0.17	0.17 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U		0.023	0.13	UG/M3	0.13	0.13 U
EPD-DW-B-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHANE	0.063 U		0.032	0.063	UG/M3	0.063	0.063 U
EPD-DW-B-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.04	0.24	UG/M3	0.24	0.24 U
EPD-DW-B-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J		0.0091	0.13	UG/M3	0.043	0.043 J
EPD-DW-B-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.068	0.19	UG/M3	0.19	0.19 U
EPD-DW-B-081623	TO-15 SIM	71-43-2	BENZENE	0.3		0.02	0.25	UG/M3	0.30	0.30
EPD-DW-B-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.048	0.2	UG/M3	0.42	0.42
EPD-DW-B-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.21 U		0.043	0.21	UG/M3	0.21	0.21 U
EPD-DW-B-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.072 J		0.026	0.16	UG/M3	0.072	0.072 J
EPD-DW-B-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.72 J		0.29	1.6	UG/M3	0.72	0.72 J
EPD-DW-B-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.029	0.13	UG/M3	0.13	0.13 U
EPD-DW-B-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.057 J		0.03	0.14	UG/M3	0.057	0.057 J
EPD-DW-B-081623	TO-15 SIM	76-14-2	FREON 114	0.09 J		0.072	0.22	UG/M3	0.090	0.090 J
EPD-DW-B-081623	TO-15 SIM	75-71-8	FREON 12	1.8		0.042	0.39	UG/M3	1.8	1.8
EPD-DW-B-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16 J		0.039	0.28	UG/M3	0.16	0.16 J
EPD-DW-B-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57 U		0.035	0.57	UG/M3	0.57	0.57 U
EPD-DW-B-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.045 J		0.04	0.42	UG/M3	0.42	0.42 U
EPD-DW-B-081623	TO-15 SIM	95-47-6	O-XYLENE	0.06 J		0.04	0.14	UG/M3	0.060	0.060 J
EPD-DW-B-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.031 J		0.028	0.22	UG/M3	0.031	0.031 J
EPD-DW-B-081623	TO-15 SIM	108-88-3	TOLUENE	0.4		0.043	0.3	UG/M3	0.40	0.40
EPD-DW-B-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	16		0.03	0.63	UG/M3	16	16
EPD-DW-B-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019 J		0.014	0.17	UG/M3	0.019	0.019 J
EPD-DW-B-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.041 U		0.017	0.041	UG/M3	0.041	0.041 U
EPD-UW-F-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6	5.6 U
EPD-UW-F-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74	0.74 U
EPD-UW-F-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.18	0.91	UG/M3	0.91	0.91 U
EPD-UW-F-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.22	0.7	UG/M3	0.70	0.70 U
EPD-UW-F-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74	0.74 U
EPD-UW-F-081623	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33	0.33 U
EPD-UW-F-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.2	0.91	UG/M3	0.91	0.91 U
EPD-UW-F-081623	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54	0.54 U
EPD-UW-F-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5	3.5 U
EPD-UW-F-081623	TO-15	78-93-3	2-BUTANONE (METHYLETHYL KETONE)	0.75 J		0.22	2.2	UG/M3	0.75	0.75 J
EPD-UW-F-081623	TO-15	591-78-6	2-HEXANONE	3.1 U		0.7	3.1	UG/M3	3.1	3.1 U
EPD-UW-F-081623	TO-15	67-63-0	2-PROPANOL	0.6 J		0.57	7.4	UG/M3	0.60	0.60 J
EPD-UW-F-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4	2.4 U
EPD-UW-F-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74	0.74 U
EPD-UW-F-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.12	0.62	UG/M3	0.62	0.62 U
EPD-UW-F-081623	TO-15	67-64-1	ACETONE	12		1.6	7.2	UG/M3	12	12
EPD-UW-F-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78	0.78 U
EPD-UW-F-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0	1.0 U
EPD-UW-F-081623	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6	1.6 U
EPD-UW-F-081623	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29	29 U
EPD-UW-F-081623	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.2	2.4	UG/M3	2.4	2.4 U
EPD-UW-F-081623	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.2	0.7	UG/M3	0.70	0.70 U
EPD-UW-F-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68	0.68 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-081623	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74 U	
EPD-UW-F-081623	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.51	2.6	UG/M3	2.6 U	
EPD-UW-F-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3 U	
EPD-UW-F-081623	TO-15	64-17-5	ETHANOL	1.5 J		0.6	5.7	UG/M3	1.5 J	
EPD-UW-F-081623	TO-15	75-69-4	FREON 11	0.92		0.13	0.85	UG/M3	0.92	
EPD-UW-F-081623	TO-15	76-13-1	FREON 113	0.32 J		0.22	1.2	UG/M3	0.32 J	
EPD-UW-F-081623	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3	3.1 U	
EPD-UW-F-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3	8.0 U	
EPD-UW-F-081623	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3	2.7 U	
EPD-UW-F-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.49 J		0.23	1	UG/M3	0.49 J	
EPD-UW-F-081623	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-UW-F-081623	TO-15	100-42-5	STYRENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-UW-F-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-UW-F-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-UW-F-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-F-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	0.87 NJ				PPBV	0.87 NJ	
EPD-UW-F-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-F-081623	TO-15	NA	UNKNOWN TIC	2.4 J				PPBV	2.4 J	
EPD-UW-F-081623	TO-15	NA	UNKNOWN TIC	3.3 J				PPBV	3.3 J	
EPD-UW-F-081623	TO-15	NA	UNKNOWN TIC	2.2 J				PPBV	2.2 J	
EPD-UW-F-081623	TO-15	NA	UNKNOWN TIC	1 J				PPBV	1.0 J	
EPD-UW-F-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-UW-F-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3	0.21 U	
EPD-UW-F-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-UW-F-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12 U	
EPD-UW-F-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHANE	0.06 U		0.03	0.06	UG/M3	0.06 U	
EPD-UW-F-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-UW-F-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04 J		0.0086	0.12	UG/M3	0.040 J	
EPD-UW-F-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3	0.18 U	
EPD-UW-F-081623	TO-15 SIM	71-43-2	BENZENE	0.28		0.019	0.24	UG/M3	0.28	
EPD-UW-F-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.046	0.19	UG/M3	0.38	
EPD-UW-F-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-UW-F-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.062 J		0.024	0.15	UG/M3	0.062 J	
EPD-UW-F-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.67 J		0.28	1.6	UG/M3	0.67 J	
EPD-UW-F-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-UW-F-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.053 J		0.029	0.13	UG/M3	0.053 J	
EPD-UW-F-081623	TO-15 SIM	76-14-2	FREON 114	0.087 J		0.068	0.21	UG/M3	0.087 J	
EPD-UW-F-081623	TO-15 SIM	75-71-8	FREON 12	1.7		0.04	0.37	UG/M3	1.7	
EPD-UW-F-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16 J		0.037	0.26	UG/M3	0.16 J	
EPD-UW-F-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.033	0.54	UG/M3	0.54 U	
EPD-UW-F-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.4 U		0.042	0.4	UG/M3	0.40 U	
EPD-UW-F-081623	TO-15 SIM	95-47-6	O-XYLENE	0.061 J		0.038	0.13	UG/M3	0.061 J	
EPD-UW-F-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.034 J		0.027	0.2	UG/M3	0.034 J	
EPD-UW-F-081623	TO-15 SIM	108-88-3	TOLUENE	0.44		0.04	0.28	UG/M3	0.44	
EPD-UW-F-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.81		0.029	0.6	UG/M3	0.81	
EPD-UW-F-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.015 J		0.013	0.16	UG/M3	0.015 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U	0.038 U	0.016	0.038	UG/M3	0.038	0.038 U
EPD-WA-01-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U	5.4 U	2.9	5.4	UG/M3	5.4	5.4 U
EPD-WA-01-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U	0.71 U	0.19	0.71	UG/M3	0.71	0.71 U
EPD-WA-01-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U	0.87 U	0.17	0.87	UG/M3	0.87	0.87 U
EPD-WA-01-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U	0.67 U	0.21	0.67	UG/M3	0.67	0.67 U
EPD-WA-01-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U	0.71 U	0.18	0.71	UG/M3	0.71	0.71 U
EPD-WA-01-081623	TO-15	106-99-0	1,3-BUTADIENE	0.32 U	0.32 U	0.14	0.32	UG/M3	0.32	0.32 U
EPD-WA-01-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U	0.87 U	0.19	0.87	UG/M3	0.87	0.87 U
EPD-WA-01-081623	TO-15	123-91-1	1,4-DIOXANE	0.19 J	0.19 J	0.15	0.52	UG/M3	0.19	0.19 J
EPD-WA-01-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U	3.4 U	1	3.4	UG/M3	3.4	3.4 U
EPD-WA-01-081623	TO-15	78-93-3	2-BUTANONE (METHYLETHYL KETONE)	1.1 J	1.1 J	0.21	2.1	UG/M3	1.1	1.1 J
EPD-WA-01-081623	TO-15	591-78-6	2-HEXANONE	3 U	3 U	0.67	3	UG/M3	3.0	3.0 U
EPD-WA-01-081623	TO-15	67-63-0	2-PROPANOL	7.1 U	7.1 U	0.54	7.1	UG/M3	7.1	7.1 U
EPD-WA-01-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U	2.3 U	0.62	2.3	UG/M3	2.3	2.3 U
EPD-WA-01-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U	0.71 U	0.2	0.71	UG/M3	0.71	0.71 U
EPD-WA-01-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.52 J	0.52 J	0.12	0.59	UG/M3	0.52	0.52 J
EPD-WA-01-081623	TO-15	67-64-1	ACETONE	4.8 J	4.8 J	1.5	6.9	UG/M3	4.8	4.8 J
EPD-WA-01-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U	0.75 U	0.17	0.75	UG/M3	0.75	0.75 U
EPD-WA-01-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U	0.97 U	0.21	0.97	UG/M3	0.97	0.97 U
EPD-WA-01-081623	TO-15	75-25-2	BROMOFORM	1.5 U	1.5 U	0.27	1.5	UG/M3	1.5	1.5 U
EPD-WA-01-081623	TO-15	74-83-9	BROMOMETHANE	28 U	28 U	1.6	28	UG/M3	28	28 U
EPD-WA-01-081623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U	2.2 U	2.1	2.2	UG/M3	2.2	2.2 U
EPD-WA-01-081623	TO-15	108-90-7	CHLOROBENZENE	0.67 U	0.67 U	0.19	0.67	UG/M3	0.67	0.67 U
EPD-WA-01-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U	0.66 U	0.12	0.66	UG/M3	0.66	0.66 U
EPD-WA-01-081623	TO-15	98-82-8	CUMENE	0.71 U	0.71 U	0.26	0.71	UG/M3	0.71	0.71 U
EPD-WA-01-081623	TO-15	110-82-7	CYCLOHEXANE	2.5 U	2.5 U	0.49	2.5	UG/M3	2.5	2.5 U
EPD-WA-01-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U	1.2 U	0.2	1.2	UG/M3	1.2	1.2 U
EPD-WA-01-081623	TO-15	64-17-5	ETHANOL	2.3 J	2.3 J	0.58	5.5	UG/M3	2.3	2.3 J
EPD-WA-01-081623	TO-15	75-69-4	FREON 11	1	1	0.13	0.81	UG/M3	1.0	1.0
EPD-WA-01-081623	TO-15	76-13-1	FREON 113	0.39 J	0.39 J	0.21	1.1	UG/M3	0.39	0.39 J
EPD-WA-01-081623	TO-15	142-82-5	HEPTANE	3 U	3 U	0.46	3	UG/M3	3.0	3.0 U
EPD-WA-01-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U	7.7 U	1.8	7.7	UG/M3	7.7	7.7 U
EPD-WA-01-081623	TO-15	110-54-3	HEXANE	2.6 U	2.6 U	0.62	2.6	UG/M3	2.6	2.6 U
EPD-WA-01-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.36 J	0.36 J	0.22	1	UG/M3	0.36	0.36 J
EPD-WA-01-081623	TO-15	103-65-1	PROPYLBENZENE	0.71 U	0.71 U	0.21	0.71	UG/M3	0.71	0.71 U
EPD-WA-01-081623	TO-15	100-42-5	STYRENE	0.62 U	0.62 U	0.17	0.62	UG/M3	0.62	0.62 U
EPD-WA-01-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U	2.1 U	2	2.1	UG/M3	2.1	2.1 U
EPD-WA-01-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U	0.66 U	0.19	0.66	UG/M3	0.66	0.66 U
EPD-WA-01-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-WA-01-081623	TO-15	106-97-8	BUTANE	0.81 NJ	0.81 NJ			PPBV	0.81 NJ	0.81 NJ
EPD-WA-01-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	0.92 NJ	0.92 NJ			PPBV	0.92 NJ	0.92 NJ
EPD-WA-01-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-WA-01-081623	TO-15	NA	UNKNOWN TIC	1.4 J	1.4 J			PPBV	1.4 J	1.4 J
EPD-WA-01-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U	0.16 U	0.031	0.16	UG/M3	0.16	0.16 U
EPD-WA-01-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U	0.2 U	0.052	0.2	UG/M3	0.20	0.20 U
EPD-WA-01-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U	0.16 U	0.018	0.16	UG/M3	0.16	0.16 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.021	0.12	UG/M3	0.12 U	
EPD-WA-01-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHANE	0.057 U		0.029	0.057	UG/M3	0.057 U	
EPD-WA-01-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.037	0.22	UG/M3	0.22 U	
EPD-WA-01-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04 J		0.0083	0.12	UG/M3	0.040 J	
EPD-WA-01-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.062	0.17	UG/M3	0.17 U	
EPD-WA-01-081623	TO-15 SIM	71-43-2	BENZENE	0.36		0.018	0.23	UG/M3	0.36	
EPD-WA-01-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.044	0.18	UG/M3	0.41	
EPD-WA-01-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.039	0.19	UG/M3	0.19 U	
EPD-WA-01-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.068 J		0.023	0.14	UG/M3	0.068 J	
EPD-WA-01-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.72 J		0.26	1.5	UG/M3	0.72 J	
EPD-WA-01-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.027	0.11	UG/M3	0.11 U	
EPD-WA-01-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.18		0.028	0.12	UG/M3	0.18	
EPD-WA-01-081623	TO-15 SIM	76-14-2	FREON 114	0.085 J		0.066	0.2	UG/M3	0.085 J	
EPD-WA-01-081623	TO-15 SIM	75-71-8	FREON 12	1.8		0.038	0.36	UG/M3	1.8	
EPD-WA-01-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.59		0.036	0.25	UG/M3	0.59	
EPD-WA-01-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.032	0.52	UG/M3	0.52 U	
EPD-WA-01-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.054 J		0.04	0.38	UG/M3	0.38 U	
EPD-WA-01-081623	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.037	0.12	UG/M3	0.19	
EPD-WA-01-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.033 J		0.026	0.2	UG/M3	0.033 J	
EPD-WA-01-081623	TO-15 SIM	108-88-3	TOLUENE	0.63		0.039	0.27	UG/M3	0.63	
EPD-WA-01-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.028	0.57	UG/M3	0.57 U	
EPD-WA-01-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018 J		0.013	0.16	UG/M3	0.018 J	
EPD-WA-01-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.015	0.037	UG/M3	0.037 U	
EPD-WA-02-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		3	5.5	UG/M3	5.5 U	
EPD-WA-02-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73 U		0.2	0.73	UG/M3	0.73 U	
EPD-WA-02-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.18	0.89	UG/M3	0.89 U	
EPD-WA-02-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.22	0.68	UG/M3	0.68 U	
EPD-WA-02-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.18	0.73	UG/M3	0.73 U	
EPD-WA-02-081623	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	
EPD-WA-02-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.2	0.89	UG/M3	0.89 U	
EPD-WA-02-081623	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.16	0.53	UG/M3	0.53 U	
EPD-WA-02-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		1	3.4	UG/M3	3.4 U	
EPD-WA-02-081623	TO-15	78-93-3	2-BUTANONE (METHYLETHYL KETONE)	0.66 J		0.22	2.2	UG/M3	0.66 J	
EPD-WA-02-081623	TO-15	591-78-6	2-HEXANONE	3 U		0.68	3	UG/M3	3.0 U	
EPD-WA-02-081623	TO-15	67-63-0	2-PROPANOL	7.3 U		0.56	7.3	UG/M3	7.3 U	
EPD-WA-02-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.64	2.3	UG/M3	2.3 U	
EPD-WA-02-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.2	0.73	UG/M3	0.73 U	
EPD-WA-02-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-02-081623	TO-15	67-64-1	ACETONE	10		1.6	7	UG/M3	10	
EPD-WA-02-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.17	0.77	UG/M3	0.77 U	
EPD-WA-02-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.21	0.99	UG/M3	0.99 U	
EPD-WA-02-081623	TO-15	75-25-2	BROMOFORM	1.5 U		0.28	1.5	UG/M3	1.5 U	
EPD-WA-02-081623	TO-15	74-83-9	BROMOMETHANE	29 U		1.6	29	UG/M3	29 U	
EPD-WA-02-081623	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		2.2	2.3	UG/M3	2.3 U	
EPD-WA-02-081623	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-WA-02-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.12	0.67	UG/M3	0.67 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-081623	TO-15	98-82-8	CUMENE	0.73 U		0.27	0.73	UG/M3	0.73 U	
EPD-WA-02-081623	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.5	2.5	UG/M3	2.5 U	
EPD-WA-02-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.2	1.3	UG/M3	1.3 U	
EPD-WA-02-081623	TO-15	64-17-5	ETHANOL	1.5 J		0.59	5.6	UG/M3	1.5 J	
EPD-WA-02-081623	TO-15	75-69-4	FREON 11	0.98		0.13	0.83	UG/M3	0.98	
EPD-WA-02-081623	TO-15	76-13-1	FREON 113	0.36 J		0.22	1.1	UG/M3	0.36 J	
EPD-WA-02-081623	TO-15	142-82-5	HEPTANE	3 U		0.46	3	UG/M3	3.0 U	
EPD-WA-02-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		1.8	7.9	UG/M3	7.9 U	
EPD-WA-02-081623	TO-15	110-54-3	HEXANE	2.6 U		0.63	2.6	UG/M3	2.6 U	
EPD-WA-02-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.44 J		0.23	1	UG/M3	0.44 J	
EPD-WA-02-081623	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.22	0.73	UG/M3	0.73 U	
EPD-WA-02-081623	TO-15	100-42-5	STYRENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-02-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-02-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.2	0.67	UG/M3	0.67 U	
EPD-WA-02-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	0.91 NJ				PPBV	0.91 NJ	
EPD-WA-02-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-081623	TO-15	NA	UNKNOWN TIC	0.97 J				PPBV	0.97 J	
EPD-WA-02-081623	TO-15	NA	UNKNOWN TIC	0.81 J				PPBV	0.81 J	
EPD-WA-02-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.031	0.16	UG/M3	0.16 U	
EPD-WA-02-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.053	0.2	UG/M3	0.20 U	
EPD-WA-02-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.018	0.16	UG/M3	0.16 U	
EPD-WA-02-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.021	0.12	UG/M3	0.12 U	
EPD-WA-02-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.029	0.059	UG/M3	0.059 U	
EPD-WA-02-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-WA-02-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.042 J		0.0084	0.12	UG/M3	0.042 J	
EPD-WA-02-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.064	0.18	UG/M3	0.18 U	
EPD-WA-02-081623	TO-15 SIM	71-43-2	BENZENE	0.34		0.019	0.24	UG/M3	0.34	
EPD-WA-02-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.045	0.19	UG/M3	0.40	
EPD-WA-02-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-02-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.069 J		0.024	0.14	UG/M3	0.069 J	
EPD-WA-02-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.7 J		0.27	1.5	UG/M3	0.70 J	
EPD-WA-02-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-WA-02-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.059 J		0.028	0.13	UG/M3	0.059 J	
EPD-WA-02-081623	TO-15 SIM	76-14-2	FREON 114	0.087 J		0.067	0.21	UG/M3	0.087 J	
EPD-WA-02-081623	TO-15 SIM	75-71-8	FREON 12	1.8		0.039	0.36	UG/M3	1.8	
EPD-WA-02-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16 J		0.036	0.26	UG/M3	0.16 J	
EPD-WA-02-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.032	0.53	UG/M3	0.53 U	
EPD-WA-02-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.041	0.39	UG/M3	0.39 U	
EPD-WA-02-081623	TO-15 SIM	95-47-6	O-XYLENE	0.066 J		0.037	0.13	UG/M3	0.066 J	
EPD-WA-02-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.033 J		0.027	0.2	UG/M3	0.033 J	
EPD-WA-02-081623	TO-15 SIM	108-88-3	TOLUENE	0.46		0.04	0.28	UG/M3	0.46	
EPD-WA-02-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.53 J		0.028	0.59	UG/M3	0.53 J	
EPD-WA-02-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.036 J		0.013	0.16	UG/M3	0.036 J	
EPD-WA-02-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	
EPD-WA-03-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6 U	

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EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74 U	0.74 U
EPD-WA-03-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.18	0.91	UG/M3	0.91 U	0.91 U
EPD-WA-03-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.22	0.7	UG/M3	0.70 U	0.70 U
EPD-WA-03-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74 U	0.74 U
EPD-WA-03-081623	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	0.33 U
EPD-WA-03-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.2	0.91	UG/M3	0.91 U	0.91 U
EPD-WA-03-081623	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54 U	0.54 U
EPD-WA-03-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5 U	3.5 U
EPD-WA-03-081623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.34 J		0.22	2.2	UG/M3	0.34 J	0.34 J
EPD-WA-03-081623	TO-15	591-78-6	2-HEXANONE	3.1 U		0.7	3.1	UG/M3	3.1 U	3.1 U
EPD-WA-03-081623	TO-15	67-63-0	2-PROPANOL	7.4 U		0.57	7.4	UG/M3	7.4 U	7.4 U
EPD-WA-03-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	2.4 U
EPD-WA-03-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	0.74 U
EPD-WA-03-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.26 J		0.12	0.62	UG/M3	0.26 J	0.26 J
EPD-WA-03-081623	TO-15	67-64-1	ACETONE	4 J		1.6	7.2	UG/M3	4.0 J	4.0 J
EPD-WA-03-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78 U	0.78 U
EPD-WA-03-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0 U	1.0 U
EPD-WA-03-081623	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6 U	1.6 U
EPD-WA-03-081623	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29 U	29 U
EPD-WA-03-081623	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.2	2.4	UG/M3	2.4 U	2.4 U
EPD-WA-03-081623	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.2	0.7	UG/M3	0.70 U	0.70 U
EPD-WA-03-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68 U	0.68 U
EPD-WA-03-081623	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74 U	0.74 U
EPD-WA-03-081623	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.51	2.6	UG/M3	2.6 U	2.6 U
EPD-WA-03-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3 U	1.3 U
EPD-WA-03-081623	TO-15	64-17-5	ETHANOL	2.2 J		0.6	5.7	UG/M3	2.2 J	2.2 J
EPD-WA-03-081623	TO-15	75-69-4	FREON 11	0.92		0.13	0.85	UG/M3	0.92	0.92
EPD-WA-03-081623	TO-15	76-13-1	FREON 113	0.34 J		0.22	1.2	UG/M3	0.34 J	0.34 J
EPD-WA-03-081623	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3	3.1 U	3.1 U
EPD-WA-03-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3	8.0 U	8.0 U
EPD-WA-03-081623	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3	2.7 U	2.7 U
EPD-WA-03-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.4 J		0.23	1	UG/M3	0.40 J	0.40 J
EPD-WA-03-081623	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3	0.74 U	0.74 U
EPD-WA-03-081623	TO-15	100-42-5	STYRENE	0.64 U		0.18	0.64	UG/M3	0.64 U	0.64 U
EPD-WA-03-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	2.2 U
EPD-WA-03-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68 U	0.68 U
EPD-WA-03-081623	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.8 NJ				PPBV	0.80 NJ	0.80 NJ
EPD-WA-03-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	0 U,NF
EPD-WA-03-081623	TO-15	NA	UNKNOWN TIC	0.93 J				PPBV	0.93 J	0.93 J
EPD-WA-03-081623	TO-15	NA	UNKNOWN TIC	1.1 J				PPBV	1.1 J	1.1 J
EPD-WA-03-081623	TO-15	NA	UNKNOWN TIC	1.6 J				PPBV	1.6 J	1.6 J
EPD-WA-03-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16 U	0.16 U
EPD-WA-03-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3	0.21 U	0.21 U
EPD-WA-03-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	0.16 U
EPD-WA-03-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12 U	0.12 U
EPD-WA-03-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.03	0.06	UG/M3	0.06 U	0.06 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-WA-03-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04 J		0.0086	0.12	UG/M3	0.040 J	
EPD-WA-03-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3	0.18 U	
EPD-WA-03-081623	TO-15 SIM	71-43-2	BENZENE	0.27		0.019	0.24	UG/M3	0.27	
EPD-WA-03-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.046	0.19	UG/M3	0.40	
EPD-WA-03-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-03-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.063 J		0.024	0.15	UG/M3	0.063 J	
EPD-WA-03-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.73 J		0.28	1.6	UG/M3	0.73 J	
EPD-WA-03-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-03-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.056 J		0.029	0.13	UG/M3	0.056 J	
EPD-WA-03-081623	TO-15 SIM	76-14-2	FREON 114	0.092 J		0.068	0.21	UG/M3	0.092 J	
EPD-WA-03-081623	TO-15 SIM	75-71-8	FREON 12	1.8		0.04	0.37	UG/M3	1.8	
EPD-WA-03-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.15 J		0.037	0.26	UG/M3	0.15 J	
EPD-WA-03-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.033	0.54	UG/M3	0.54 U	
EPD-WA-03-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.062 J		0.042	0.4	UG/M3	0.40 U	
EPD-WA-03-081623	TO-15 SIM	95-47-6	O-XYLENE	0.053 J		0.038	0.13	UG/M3	0.053 J	
EPD-WA-03-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.032 J		0.027	0.2	UG/M3	0.032 J	
EPD-WA-03-081623	TO-15 SIM	108-88-3	TOLUENE	0.37		0.04	0.28	UG/M3	0.37	
EPD-WA-03-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6 U		0.029	0.6	UG/M3	0.60 U	
EPD-WA-03-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018 J		0.013	0.16	UG/M3	0.018 J	
EPD-WA-03-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	
EPD-WA-04-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6 U	
EPD-WA-04-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74 U	
EPD-WA-04-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.18	0.91	UG/M3	0.91 U	
EPD-WA-04-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.22	0.7	UG/M3	0.70 U	
EPD-WA-04-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74 U	
EPD-WA-04-081623	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	
EPD-WA-04-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.2	0.91	UG/M3	0.91 U	
EPD-WA-04-081623	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54 U	
EPD-WA-04-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5 U	
EPD-WA-04-081623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.87 J		0.22	2.2	UG/M3	0.87 J	
EPD-WA-04-081623	TO-15	591-78-6	2-HEXANONE	3.1 U		0.7	3.1	UG/M3	3.1 U	
EPD-WA-04-081623	TO-15	67-63-0	2-PROPANOL	0.87 J		0.57	7.4	UG/M3	0.87 J	
EPD-WA-04-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	
EPD-WA-04-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-04-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.3 J		0.12	0.62	UG/M3	0.30 J	
EPD-WA-04-081623	TO-15	67-64-1	ACETONE	8.6		1.6	7.2	UG/M3	8.6	
EPD-WA-04-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78 U	
EPD-WA-04-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0 U	
EPD-WA-04-081623	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6 U	
EPD-WA-04-081623	TO-15	74-83-9	BROMOMETHANE	1.7		1.7	29	UG/M3	29 U	
EPD-WA-04-081623	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.2	2.4	UG/M3	2.4 U	
EPD-WA-04-081623	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.2	0.7	UG/M3	0.70 U	
EPD-WA-04-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-WA-04-081623	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74 U	
EPD-WA-04-081623	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.51	2.6	UG/M3	2.6 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3		1.3 U
EPD-WA-04-081623	TO-15	64-17-5	ETHANOL	1.8 J		0.6	5.7	UG/M3		1.8 J
EPD-WA-04-081623	TO-15	75-69-4	FREON 11	1		0.13	0.85	UG/M3		1.0
EPD-WA-04-081623	TO-15	76-13-1	FREON 113	0.36 J		0.22	1.2	UG/M3		0.36 J
EPD-WA-04-081623	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3		3.1 U
EPD-WA-04-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3		8.0 U
EPD-WA-04-081623	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3		2.7 U
EPD-WA-04-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.42 J		0.23	1	UG/M3		0.42 J
EPD-WA-04-081623	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3		0.74 U
EPD-WA-04-081623	TO-15	100-42-5	STYRENE	0.64 U		0.18	0.64	UG/M3		0.64 U
EPD-WA-04-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3		2.2 U
EPD-WA-04-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3		0.68 U
EPD-WA-04-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV		0 U,NF
EPD-WA-04-081623	TO-15	106-97-8	BUTANE	0.89 NJ				PPBV		0.89 NJ
EPD-WA-04-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2 NJ				PPBV		1.2 NJ
EPD-WA-04-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYLESTER)	0 U				PPBV		0 U,NF
EPD-WA-04-081623	TO-15	NA	UNKNOWN TIC	1.4 J				PPBV		1.4 J
EPD-WA-04-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3		0.16 U
EPD-WA-04-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3		0.21 U
EPD-WA-04-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3		0.16 U
EPD-WA-04-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3		0.12 U
EPD-WA-04-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.03	0.06	UG/M3		0.06 U
EPD-WA-04-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3		0.23 U
EPD-WA-04-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.0086	0.12	UG/M3		0.041 J
EPD-WA-04-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3		0.18 U
EPD-WA-04-081623	TO-15 SIM	71-43-2	BENZENE	0.52		0.019	0.24	UG/M3		0.52
EPD-WA-04-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.046	0.19	UG/M3		0.40
EPD-WA-04-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3		0.20 U
EPD-WA-04-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.067 J		0.024	0.15	UG/M3		0.067 J
EPD-WA-04-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.73 J		0.28	1.6	UG/M3		0.73 J
EPD-WA-04-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3		0.12 U
EPD-WA-04-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.14		0.029	0.13	UG/M3		0.14
EPD-WA-04-081623	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.068	0.21	UG/M3		0.094 J
EPD-WA-04-081623	TO-15 SIM	75-71-8	FREON 12	1.8		0.04	0.37	UG/M3		1.8
EPD-WA-04-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.42		0.037	0.26	UG/M3		0.42
EPD-WA-04-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYLETHER	0.54 U		0.033	0.54	UG/M3		0.54 U
EPD-WA-04-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.06 J		0.042	0.4	UG/M3		0.06 J
EPD-WA-04-081623	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.038	0.13	UG/M3		0.15
EPD-WA-04-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.032 J		0.027	0.2	UG/M3		0.032 J
EPD-WA-04-081623	TO-15 SIM	108-88-3	TOLUENE	0.56		0.04	0.28	UG/M3		0.56
EPD-WA-04-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.16 J		0.029	0.6	UG/M3		0.16 J
EPD-WA-04-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018 J		0.013	0.16	UG/M3		0.018 J
EPD-WA-04-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3		0.038 U
EPD-WA-05-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		2.8	5.2	UG/M3		5.2 U
EPD-WA-05-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68 U		0.18	0.68	UG/M3		0.68 U
EPD-WA-05-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.17	0.84	UG/M3		0.84 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U	0.64 U	0.2	0.64	UG/M3	0.64 U	0.64 U
EPD-WA-05-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U	0.68 U	0.17	0.68	UG/M3	0.68 U	0.68 U
EPD-WA-05-081623	TO-15	106-99-0	1,3-BUTADIENE	0.31 U	0.31 U	0.13	0.31	UG/M3	0.31 U	0.31 U
EPD-WA-05-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U	0.84 U	0.18	0.84	UG/M3	0.84 U	0.84 U
EPD-WA-05-081623	TO-15	123-91-1	1,4-DIOXANE	0.99	0.99	0.15	0.5	UG/M3	0.99	0.99
EPD-WA-05-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U	3.2 U	0.96	3.2	UG/M3	3.2 U	3.2 U
EPD-WA-05-081623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.43 J	0.43 J	0.2	2	UG/M3	0.43 J	0.43 J
EPD-WA-05-081623	TO-15	591-78-6	2-HEXANONE	2.8 U	2.8 U	0.64	2.8	UG/M3	2.8 U	2.8 U
EPD-WA-05-081623	TO-15	67-63-0	2-PROPANOL	6.8 U	6.8 U	0.52	6.8	UG/M3	6.8 U	6.8 U
EPD-WA-05-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U	2.2 U	0.6	2.2	UG/M3	2.2 U	2.2 U
EPD-WA-05-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U	0.68 U	0.19	0.68	UG/M3	0.68 U	0.68 U
EPD-WA-05-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U	0.57 U	0.11	0.57	UG/M3	0.57 U	0.57 U
EPD-WA-05-081623	TO-15	67-64-1	ACETONE	4.4 J	4.4 J	1.5	6.6	UG/M3	4.4 J	4.4 J
EPD-WA-05-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U	0.72 U	0.16	0.72	UG/M3	0.72 U	0.72 U
EPD-WA-05-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93 U	0.93 U	0.2	0.93	UG/M3	0.93 U	0.93 U
EPD-WA-05-081623	TO-15	75-25-2	BROMOFORM	1.4 U	1.4 U	0.26	1.4	UG/M3	1.4 U	1.4 U
EPD-WA-05-081623	TO-15	74-83-9	BROMOMETHANE	27 U	27 U	1.6	27	UG/M3	27 U	27 U
EPD-WA-05-081623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U	2.2 U	2	2.2	UG/M3	2.2 U	2.2 U
EPD-WA-05-081623	TO-15	108-90-7	CHLOROBENZENE	0.64 U	0.64 U	0.18	0.64	UG/M3	0.64 U	0.64 U
EPD-WA-05-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U	0.63 U	0.11	0.63	UG/M3	0.63 U	0.63 U
EPD-WA-05-081623	TO-15	98-82-8	CUMENE	0.68 U	0.68 U	0.25	0.68	UG/M3	0.68 U	0.68 U
EPD-WA-05-081623	TO-15	110-82-7	CYCLOHEXANE	2.4 U	2.4 U	0.47	2.4	UG/M3	2.4 U	2.4 U
EPD-WA-05-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U	1.2 U	0.19	1.2	UG/M3	1.2 U	1.2 U
EPD-WA-05-081623	TO-15	64-17-5	ETHANOL	3.1 J	3.1 J	0.55	5.2	UG/M3	3.1 J	3.1 J
EPD-WA-05-081623	TO-15	75-69-4	FREON 11	0.92	0.92	0.12	0.78	UG/M3	0.92	0.92
EPD-WA-05-081623	TO-15	76-13-1	FREON 113	0.35 J	0.35 J	0.2	1.1	UG/M3	0.35 J	0.35 J
EPD-WA-05-081623	TO-15	142-82-5	HEPTANE	2.8 U	2.8 U	0.44	2.8	UG/M3	2.8 U	2.8 U
EPD-WA-05-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U	7.4 U	1.7	7.4	UG/M3	7.4 U	7.4 U
EPD-WA-05-081623	TO-15	110-54-3	HEXANE	2.4 U	2.4 U	0.59	2.4	UG/M3	2.4 U	2.4 U
EPD-WA-05-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.49 J	0.49 J	0.22	0.96	UG/M3	0.49 J	0.49 J
EPD-WA-05-081623	TO-15	103-65-1	PROPYLBENZENE	0.68 U	0.68 U	0.2	0.68	UG/M3	0.68 U	0.68 U
EPD-WA-05-081623	TO-15	100-42-5	STYRENE	0.59 U	0.59 U	0.16	0.59	UG/M3	0.59 U	0.59 U
EPD-WA-05-081623	TO-15	109-99-9	TETRAHYDROFURAN	2 U	2 U	1.9	2	UG/M3	2.0 U	2.0 U
EPD-WA-05-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U	0.63 U	0.19	0.63	UG/M3	0.63 U	0.63 U
EPD-WA-05-081623	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.9 NU	0.9 NU			PPBV	0.90 NU	0.90 NU
EPD-WA-05-081623	TO-15	106-97-8	BUTANE	1.1 NU	1.1 NU			PPBV	1.1 NU	1.1 NU
EPD-WA-05-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	1.8 NU	1.8 NU			PPBV	1.8 NU	1.8 NU
EPD-WA-05-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-WA-05-081623	TO-15	109-66-0	PENTANE	1 NU	1 NU			PPBV	1.0 NU	1.0 NU
EPD-WA-05-081623	TO-15	NA	UNKNOWN TIC	1 J	1 J			PPBV	1.0 J	1.0 J
EPD-WA-05-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U	0.15 U	0.03	0.15	UG/M3	0.15 U	0.15 U
EPD-WA-05-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U	0.19 U	0.05	0.19	UG/M3	0.19 U	0.19 U
EPD-WA-05-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U	0.15 U	0.017	0.15	UG/M3	0.15 U	0.15 U
EPD-WA-05-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U	0.11 U	0.02	0.11	UG/M3	0.11 U	0.11 U
EPD-WA-05-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U	0.055 U	0.028	0.055	UG/M3	0.055 U	0.055 U
EPD-WA-05-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U	0.21 U	0.035	0.21	UG/M3	0.21 U	0.21 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04 J		0.0079	0.11	UG/M3	0.040 J	
EPD-WA-05-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-WA-05-081623	TO-15 SIM	71-43-2	BENZENE	0.45		0.018	0.22	UG/M3	0.45	
EPD-WA-05-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.042	0.17	UG/M3	0.42	
EPD-WA-05-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.037	0.18	UG/M3	0.18 U	
EPD-WA-05-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.064 J		0.022	0.14	UG/M3	0.064 J	
EPD-WA-05-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.7 J		0.25	1.4	UG/M3	0.70 J	
EPD-WA-05-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-05-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.026	0.12	UG/M3	0.15	
EPD-WA-05-081623	TO-15 SIM	76-14-2	FREON 114	0.082 J		0.063	0.19	UG/M3	0.082 J	
EPD-WA-05-081623	TO-15 SIM	75-71-8	FREON 12	1.9		0.036	0.34	UG/M3	1.9	
EPD-WA-05-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.43		0.034	0.24	UG/M3	0.43	
EPD-WA-05-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.03	0.5	UG/M3	0.50 U	
EPD-WA-05-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.051 J		0.038	0.36	UG/M3	0.36 U	
EPD-WA-05-081623	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.035	0.12	UG/M3	0.15	
EPD-WA-05-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.035 J		0.025	0.19	UG/M3	0.035 J	
EPD-WA-05-081623	TO-15 SIM	108-88-3	TOLUENE	2.4		0.037	0.26	UG/M3	2.4	
EPD-WA-05-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.026	0.55	UG/M3	0.55 U	
EPD-WA-05-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.016 J		0.012	0.15	UG/M3	0.016 J	
EPD-WA-05-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.014	0.036	UG/M3	0.036 U	
EPD-WA-06-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		2.8	5.3	UG/M3	5.3 U	
EPD-WA-06-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-06-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.17	0.85	UG/M3	0.85 U	
EPD-WA-06-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.21	0.66	UG/M3	0.66 U	
EPD-WA-06-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.17	0.7	UG/M3	0.70 U	
EPD-WA-06-081623	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-WA-06-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.19	0.85	UG/M3	0.85 U	
EPD-WA-06-081623	TO-15	123-91-1	1,4-DIOXANE	0.51 U		0.15	0.51	UG/M3	0.51 U	
EPD-WA-06-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.99	3.3	UG/M3	3.3 U	
EPD-WA-06-081623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.44 J		0.21	2.1	UG/M3	0.44 J	
EPD-WA-06-081623	TO-15	591-78-6	2-HEXANONE	2.9 U		0.65	2.9	UG/M3	2.9 U	
EPD-WA-06-081623	TO-15	67-63-0	2-PROPANOL	7 U		0.53	7	UG/M3	7.0 U	
EPD-WA-06-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.61	2.2	UG/M3	2.2 U	
EPD-WA-06-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.2	0.7	UG/M3	0.70 U	
EPD-WA-06-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.12	0.58	UG/M3	0.58 U	
EPD-WA-06-081623	TO-15	67-64-1	ACETONE	6.5 J		1.5	6.7	UG/M3	6.5 J	
EPD-WA-06-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.17	0.74	UG/M3	0.74 U	
EPD-WA-06-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U		0.2	0.95	UG/M3	0.95 U	
EPD-WA-06-081623	TO-15	75-25-2	BROMOFORM	1.5 U		0.27	1.5	UG/M3	1.5 U	
EPD-WA-06-081623	TO-15	74-83-9	BROMOMETHANE	28 U		1.6	28	UG/M3	28 U	
EPD-WA-06-081623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-06-081623	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.18	0.65	UG/M3	0.65 U	
EPD-WA-06-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.12	0.64	UG/M3	0.64 U	
EPD-WA-06-081623	TO-15	98-82-8	CUMENE	0.7 U		0.26	0.7	UG/M3	0.70 U	
EPD-WA-06-081623	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.48	2.4	UG/M3	2.4 U	
EPD-WA-06-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.2	1.2	UG/M3	1.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-081623	TO-15	64-17-5	ETHANOL	1.7 J		0.56	5.4	UG/M3		1.7 J
EPD-WA-06-081623	TO-15	75-69-4	FREON 11	0.96		0.12	0.8	UG/M3		0.96
EPD-WA-06-081623	TO-15	76-13-1	FREON 113	0.37 J		0.21	1.1	UG/M3		0.37 J
EPD-WA-06-081623	TO-15	142-82-5	HEPTANE	2.9 U		0.45	2.9	UG/M3		2.9 U
EPD-WA-06-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		1.7	7.6	UG/M3		7.6 U
EPD-WA-06-081623	TO-15	110-54-3	HEXANE	2.5 U		0.6	2.5	UG/M3		2.5 U
EPD-WA-06-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.46 J		0.22	0.99	UG/M3		0.46 J
EPD-WA-06-081623	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.21	0.7	UG/M3		0.70 U
EPD-WA-06-081623	TO-15	100-42-5	STYRENE	0.6 U		0.16	0.6	UG/M3		0.60 U
EPD-WA-06-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		2	2.1	UG/M3		2.1 U
EPD-WA-06-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.19	0.64	UG/M3		0.64 U
EPD-WA-06-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV		0 U,NF
EPD-WA-06-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	0.75 NJ				PPBV		0.75 NJ
EPD-WA-06-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV		0 U,NF
EPD-WA-06-081623	TO-15	66-25-1	HEXANAL	1.1 NJ				PPBV		1.1 NJ
EPD-WA-06-081623	TO-15	NA	UNKNOWN TIC	1.4 J				PPBV		1.4 J
EPD-WA-06-081623	TO-15	NA	UNKNOWN TIC	0.9 J				PPBV		0.90 J
EPD-WA-06-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.03	0.15	UG/M3		0.15 U
EPD-WA-06-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.051	0.19	UG/M3		0.19 U
EPD-WA-06-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.018	0.15	UG/M3		0.15 U
EPD-WA-06-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.02	0.11	UG/M3		0.11 U
EPD-WA-06-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.028	0.056	UG/M3		0.056 U
EPD-WA-06-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.036	0.22	UG/M3		0.22 U
EPD-WA-06-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.037 J		0.0081	0.11	UG/M3		0.037 J
EPD-WA-06-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.061	0.17	UG/M3		0.17 U
EPD-WA-06-081623	TO-15 SIM	71-43-2	BENZENE	0.26		0.018	0.23	UG/M3		0.26
EPD-WA-06-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.043	0.18	UG/M3		0.39
EPD-WA-06-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.038	0.19	UG/M3		0.19 U
EPD-WA-06-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.064 J		0.023	0.14	UG/M3		0.064 J
EPD-WA-06-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.7 J		0.26	1.5	UG/M3		0.70 J
EPD-WA-06-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.026	0.11	UG/M3		0.11 U
EPD-WA-06-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.055 J		0.027	0.12	UG/M3		0.055 J
EPD-WA-06-081623	TO-15 SIM	76-14-2	FREON 114	0.085 J		0.064	0.2	UG/M3		0.085 J
EPD-WA-06-081623	TO-15 SIM	75-71-8	FREON 12	1.7		0.037	0.35	UG/M3		1.7
EPD-WA-06-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14 J		0.035	0.25	UG/M3		0.14 J
EPD-WA-06-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYLETHER	0.51 U		0.031	0.51	UG/M3		0.51 U
EPD-WA-06-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.043 J		0.039	0.37	UG/M3		0.37 U
EPD-WA-06-081623	TO-15 SIM	95-47-6	O-XYLENE	0.059 J		0.036	0.12	UG/M3		0.059 J
EPD-WA-06-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.032 J		0.026	0.19	UG/M3		0.032 J
EPD-WA-06-081623	TO-15 SIM	108-88-3	TOLUENE	0.41		0.038	0.27	UG/M3		0.41
EPD-WA-06-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3		0.56 U
EPD-WA-06-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.012 J		0.012	0.15	UG/M3		0.012 J
EPD-WA-06-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3		0.036 U
EPD-WA-22-081623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		2.9	5.4	UG/M3		5.4 U
EPD-WA-22-081623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U		0.19	0.71	UG/M3		0.71 U
EPD-WA-22-081623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U		0.17	0.87	UG/M3		0.87 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-081623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U	0.67 U	0.21	0.67	UG/M3	0.67 U	0.67 U
EPD-WA-22-081623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U	0.71 U	0.18	0.71	UG/M3	0.71 U	0.71 U
EPD-WA-22-081623	TO-15	106-99-0	1,3-BUTADIENE	0.32 U	0.32 U	0.14	0.32	UG/M3	0.32 U	0.32 U
EPD-WA-22-081623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U	0.87 U	0.19	0.87	UG/M3	0.87 U	0.87 U
EPD-WA-22-081623	TO-15	123-91-1	1,4-DIOXANE	0.52 U	0.52 U	0.15	0.52	UG/M3	0.52 U	0.52 U
EPD-WA-22-081623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U	3.4 U	1	3.4	UG/M3	3.4 U	3.4 U
EPD-WA-22-081623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.87 J	0.87 J	0.21	2.1	UG/M3	0.87 J	0.87 J
EPD-WA-22-081623	TO-15	591-78-6	2-HEXANONE	3 U	3 U	0.67	3	UG/M3	3.0 U	3.0 U
EPD-WA-22-081623	TO-15	67-63-0	2-PROPANOL	2.2 J	2.2 J	0.54	7.1	UG/M3	2.2 J	2.2 J
EPD-WA-22-081623	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U	2.3 U	0.62	2.3	UG/M3	2.3 U	2.3 U
EPD-WA-22-081623	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U	0.71 U	0.2	0.71	UG/M3	0.71 U	0.71 U
EPD-WA-22-081623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U	0.59 U	0.12	0.59	UG/M3	0.59 U	0.59 U
EPD-WA-22-081623	TO-15	67-64-1	ACETONE	15	15	1.5	6.9	UG/M3	15	15
EPD-WA-22-081623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U	0.75 U	0.17	0.75	UG/M3	0.75 U	0.75 U
EPD-WA-22-081623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U	0.97 U	0.21	0.97	UG/M3	0.97 U	0.97 U
EPD-WA-22-081623	TO-15	75-25-2	BROMOFORM	1.5 U	1.5 U	0.27	1.5	UG/M3	1.5 U	1.5 U
EPD-WA-22-081623	TO-15	74-83-9	BROMOMETHANE	28 U	28 U	1.6	28	UG/M3	28 U	28 U
EPD-WA-22-081623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U	2.2 U	2.1	2.2	UG/M3	2.2 U	2.2 U
EPD-WA-22-081623	TO-15	108-90-7	CHLOROBENZENE	0.67 U	0.67 U	0.19	0.67	UG/M3	0.67 U	0.67 U
EPD-WA-22-081623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U	0.66 U	0.12	0.66	UG/M3	0.66 U	0.66 U
EPD-WA-22-081623	TO-15	98-82-8	CUMENE	0.71 U	0.71 U	0.26	0.71	UG/M3	0.71 U	0.71 U
EPD-WA-22-081623	TO-15	110-82-7	CYCLOHEXANE	2.5 U	2.5 U	0.49	2.5	UG/M3	2.5 U	2.5 U
EPD-WA-22-081623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U	1.2 U	0.2	1.2	UG/M3	1.2 U	1.2 U
EPD-WA-22-081623	TO-15	64-17-5	ETHANOL	1.5 J	1.5 J	0.58	5.5	UG/M3	1.5 J	1.5 J
EPD-WA-22-081623	TO-15	75-69-4	FREON 11	0.94	0.94	0.13	0.81	UG/M3	0.94	0.94
EPD-WA-22-081623	TO-15	76-13-1	FREON 113	0.42 J	0.42 J	0.21	1.1	UG/M3	0.42 J	0.42 J
EPD-WA-22-081623	TO-15	142-82-5	HEPTANE	3 U	3 U	0.46	3	UG/M3	3.0 U	3.0 U
EPD-WA-22-081623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U	7.7 U	1.8	7.7	UG/M3	7.7 U	7.7 U
EPD-WA-22-081623	TO-15	110-54-3	HEXANE	2.6 U	2.6 U	0.62	2.6	UG/M3	2.6 U	2.6 U
EPD-WA-22-081623	TO-15	75-09-2	METHYLENE CHLORIDE	0.5 J	0.5 J	0.22	1	UG/M3	0.50 J	0.50 J
EPD-WA-22-081623	TO-15	103-65-1	PROPYLBENZENE	0.71 U	0.71 U	0.21	0.71	UG/M3	0.71 U	0.71 U
EPD-WA-22-081623	TO-15	100-42-5	STYRENE	0.62 U	0.62 U	0.17	0.62	UG/M3	0.62 U	0.62 U
EPD-WA-22-081623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U	2.1 U	2	2.1	UG/M3	2.1 U	2.1 U
EPD-WA-22-081623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U	0.66 U	0.19	0.66	UG/M3	0.66 U	0.66 U
EPD-WA-22-081623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-WA-22-081623	TO-15	106-97-8	BUTANE	0.77 NJ	0.77 NJ			PPBV	0.77 NJ	0.77 NJ
EPD-WA-22-081623	TO-15	78-78-4	BUTANE, 2-METHYL-	0.76 NJ	0.76 NJ			PPBV	0.76 NJ	0.76 NJ
EPD-WA-22-081623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U	0 U			PPBV	0 U,NF	0 U,NF
EPD-WA-22-081623	TO-15	NA	UNKNOWN TIC	2.4 J	2.4 J			PPBV	2.4 J	2.4 J
EPD-WA-22-081623	TO-15	NA	UNKNOWN TIC	0.89 J	0.89 J			PPBV	0.89 J	0.89 J
EPD-WA-22-081623	TO-15	NA	UNKNOWN TIC	0.86 J	0.86 J			PPBV	0.86 J	0.86 J
EPD-WA-22-081623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U	0.16 U	0.031	0.16	UG/M3	0.16 U	0.16 U
EPD-WA-22-081623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U	0.2 U	0.052	0.2	UG/M3	0.20 U	0.20 U
EPD-WA-22-081623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U	0.16 U	0.018	0.16	UG/M3	0.16 U	0.16 U
EPD-WA-22-081623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U	0.12 U	0.021	0.12	UG/M3	0.12 U	0.12 U
EPD-WA-22-081623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U	0.057 U	0.029	0.057	UG/M3	0.057 U	0.057 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308349

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-081623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.037	0.22	UG/M3	0.22 U	
EPD-WA-22-081623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04 J		0.0083	0.12	UG/M3	0.040 J	
EPD-WA-22-081623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.062	0.17	UG/M3	0.17 U	
EPD-WA-22-081623	TO-15 SIM	71-43-2	BENZENE	0.34		0.018	0.23	UG/M3	0.34	
EPD-WA-22-081623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.044	0.18	UG/M3	0.40	
EPD-WA-22-081623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.039	0.19	UG/M3	0.19 U	
EPD-WA-22-081623	TO-15 SIM	67-66-3	CHLOROFORM	0.068 J		0.023	0.14	UG/M3	0.068 J	
EPD-WA-22-081623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.69 J		0.26	1.5	UG/M3	0.69 J	
EPD-WA-22-081623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.027	0.11	UG/M3	0.11 U	
EPD-WA-22-081623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.062 J		0.028	0.12	UG/M3	0.062 J	
EPD-WA-22-081623	TO-15 SIM	76-14-2	FREON 114	0.096 J		0.066	0.2	UG/M3	0.096 J	
EPD-WA-22-081623	TO-15 SIM	75-71-8	FREON 12	1.7		0.038	0.36	UG/M3	1.7	
EPD-WA-22-081623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.17 J		0.036	0.25	UG/M3	0.17 J	
EPD-WA-22-081623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.032	0.52	UG/M3	0.52 U	
EPD-WA-22-081623	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.04	0.38	UG/M3	0.38 U	
EPD-WA-22-081623	TO-15 SIM	95-47-6	O-XYLENE	0.069 J		0.037	0.12	UG/M3	0.069 J	
EPD-WA-22-081623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.031 J		0.026	0.2	UG/M3	0.031 J	
EPD-WA-22-081623	TO-15 SIM	108-88-3	TOLUENE	0.43		0.039	0.27	UG/M3	0.43	
EPD-WA-22-081623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.62		0.028	0.57	UG/M3	0.62	
EPD-WA-22-081623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.045 J		0.013	0.16	UG/M3	0.045 J	
EPD-WA-22-081623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.015	0.037	UG/M3	0.037 U	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2107c	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Laboratory Report No.	2308387	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes	
Analyses	Nine air samples including one field duplicate pair		
Samples and Matrix	08/17/2023		
Collection Date(s)	EPD-WA-06-081723/EPD-WA-66-081723		
Field Duplicate Pairs	None		
Field QC Blanks			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio, Revision 3* (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided COC form and LCS/LCSD RPDs separately. No qualifications were applied.

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2308387-10A): Acetone was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). The acetone result in sample EPD-WA-03-081723 was at a level greater than the RL but less than ten times the blank value; therefore, the result was qualified as estimated, possibly biased high (flagged J+). All other sample results for acetone were at levels greater than or equal to ten times the method blank value; therefore, no additional qualifications were applied. TO-15 SIM (2308387-10B): Benzene and toluene were detected in the method blank at levels between the MDLs and RLs. All sample results for benzene and toluene were at levels greater than ten times the blank values; therefore, no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCs/LCSDs:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2308387-12A/12AA): The percent recoveries of 1,2-dichloropropane, 1,4-dioxane, acetone, ethanol, and heptane were greater than the site-specific QAPP acceptance criteria in the LCS and LCSD. The acetone and ethanol results in all samples were qualified as estimated, possibly biased high (flagged J+). All sample results for 1,2-dichloropropane, 1,4-dioxane, and heptane were nondetect; therefore, no qualifications were applied.</p> <p>TO-15 SIM (2308387-12B/12BB): The percent recoveries for 1,1,2,2-tetrachloroethane and chloromethane in the LCS and LCSD and 1,1,2-trichloroethane in the LCSD were greater than the site-specific QAPP acceptance criteria. The chloromethane results in all samples were qualified as estimated, possibly biased high (flagged J+). All sample results for 1,1,2,2-tetrachloroethane and 1,1,2-trichloroethane were nondetect; therefore, no qualifications were applied.</p>

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.39 to 1.63. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified known TICs as tentatively identified (flagged NJ). The laboratory qualified unknown TICs as estimated (flagged J). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
N	CCV 2308387-11A had low percent recoveries for freon 11 and hexachlorobutadiene. Freon 11 and hexachlorobutadiene results in all samples were qualified by the laboratory as estimated (flagged J/U); therefore, no further qualifications were required.

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		0.71	5.4	UG/M3	5.4 U	
EPD-DW-D-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22 J		0.091	0.72	UG/M3	0.22 J	
EPD-DW-D-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.097	0.88	UG/M3	0.88 U	
EPD-DW-D-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.13	0.67	UG/M3	0.67 U	
EPD-DW-D-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.093 J		0.083	0.72	UG/M3	0.093 J	
EPD-DW-D-081723	TO-15	106-99-0	1,3-BUTADIENE	0.077 J		0.046	0.32	UG/M3	0.077 J	
EPD-DW-D-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.16	0.88	UG/M3	0.88 U	
EPD-DW-D-081723	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.19	0.53	UG/M3	0.53 U	
EPD-DW-D-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.54	3.4	UG/M3	3.4 U	
EPD-DW-D-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	4.4		0.52	2.2	UG/M3	4.4	
EPD-DW-D-081723	TO-15	591-78-6	2-HEXANONE	3 U		0.42	3	UG/M3	3.0 U	
EPD-DW-D-081723	TO-15	67-63-0	2-PROPANOL	2.3 J		1.9	7.2	UG/M3	2.3 J	
EPD-DW-D-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.63	2.3	UG/M3	2.3 U	
EPD-DW-D-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.72 U		0.095	0.72	UG/M3	0.72 U	
EPD-DW-D-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.36 J		0.16	0.6	UG/M3	0.36 J	
EPD-DW-D-081723	TO-15	67-64-1	ACETONE	35		1	6.9	UG/M3	35 J+	
EPD-DW-D-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.089	0.76	UG/M3	0.76 U	
EPD-DW-D-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.14	0.98	UG/M3	0.98 U	
EPD-DW-D-081723	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-DW-D-081723	TO-15	74-83-9	BROMOMETHANE	28 U		0.74	28	UG/M3	28 U	
EPD-DW-D-081723	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.46	2.3	UG/M3	2.3 U	
EPD-DW-D-081723	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.075	0.67	UG/M3	0.67 U	
EPD-DW-D-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-DW-D-081723	TO-15	98-82-8	CUMENE	0.72 U		0.099	0.72	UG/M3	0.72 U	
EPD-DW-D-081723	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.4	2.5	UG/M3	2.5 U	
EPD-DW-D-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-DW-D-081723	TO-15	64-17-5	ETHANOL	7.9		2	5.5	UG/M3	7.9 J+	
EPD-DW-D-081723	TO-15	75-69-4	FREON 11	1 J0		0.14	0.82	UG/M3	1.0 J	
EPD-DW-D-081723	TO-15	76-13-1	FREON 113	0.42 J		0.18	1.1	UG/M3	0.42 J	
EPD-DW-D-081723	TO-15	142-82-5	HEPTANE	3 U		0.55	3	UG/M3	3.0 U	
EPD-DW-D-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 UJ		1.2	7.8	UG/M3	7.8 UJ	
EPD-DW-D-081723	TO-15	110-54-3	HEXANE	0.53 J		0.23	2.6	UG/M3	0.53 J	
EPD-DW-D-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.49 J		0.42	1	UG/M3	0.49 J	
EPD-DW-D-081723	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.1	0.72	UG/M3	0.72 U	
EPD-DW-D-081723	TO-15	100-42-5	STYRENE	0.11 J		0.052	0.62	UG/M3	0.11 J	
EPD-DW-D-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.48	2.2	UG/M3	2.2 U	
EPD-DW-D-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.11	0.66	UG/M3	0.66 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-D-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-DW-D-081723	TO-15	NA	UNKNOWN TIC	1.2 J				PPBV	1.2 J	
EPD-DW-D-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.034	0.16	UG/M3	0.16 U	
EPD-DW-D-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.033	0.2	UG/M3	0.20 U	
EPD-DW-D-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-DW-D-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-DW-D-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.022	0.058	UG/M3	0.058 U	
EPD-DW-D-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.026	0.22	UG/M3	0.22 U	
EPD-DW-D-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J		0.025	0.12	UG/M3	0.043 J	
EPD-DW-D-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.071	0.18	UG/M3	0.18 U	
EPD-DW-D-081723	TO-15 SIM	71-43-2	BENZENE	0.79		0.048	0.23	UG/M3	0.79	
EPD-DW-D-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.038	0.18	UG/M3	0.39	
EPD-DW-D-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-DW-D-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.14 J		0.031	0.14	UG/M3	0.14 J	
EPD-DW-D-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1 J		0.025	1.5	UG/M3	1.0 J+	
EPD-DW-D-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.031	0.12	UG/M3	0.12 U	
EPD-DW-D-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.21		0.02	0.13	UG/M3	0.21	
EPD-DW-D-081723	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.056	0.2	UG/M3	0.13 J	
EPD-DW-D-081723	TO-15 SIM	75-71-8	FREON 12	2.3		0.041	0.36	UG/M3	2.3	
EPD-DW-D-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.66		0.031	0.25	UG/M3	0.66	
EPD-DW-D-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.011	0.53	UG/M3	0.53 U	
EPD-DW-D-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.018	0.38	UG/M3	0.38 U	
EPD-DW-D-081723	TO-15 SIM	95-47-6	O-XYLENE	0.26		0.026	0.13	UG/M3	0.26	
EPD-DW-D-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.056 J		0.039	0.2	UG/M3	0.056 J	
EPD-DW-D-081723	TO-15 SIM	108-88-3	TOLUENE	1.2		0.034	0.28	UG/M3	1.2	
EPD-DW-D-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.037 J		0.028	0.58	UG/M3	0.037 J	
EPD-DW-D-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-DW-D-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.016	0.037	UG/M3	0.037 U	
EPD-UW-H-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		0.72	5.5	UG/M3	5.5 U	
EPD-UW-H-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22 J		0.092	0.73	UG/M3	0.22 J	
EPD-UW-H-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.098	0.89	UG/M3	0.89 U	
EPD-UW-H-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-UW-H-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.084	0.73	UG/M3	0.73 U	
EPD-UW-H-081723	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.047	0.33	UG/M3	0.33 U	
EPD-UW-H-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.16	0.89	UG/M3	0.89 U	
EPD-UW-H-081723	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.19	0.53	UG/M3	0.53 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U	0.54	3.4	3.4	UG/M3	3.4 U	
EPD-UW-H-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.9 J	0.52	2.2	2.2	UG/M3	0.90 J	
EPD-UW-H-081723	TO-15	591-78-6	2-HEXANONE	3 U	0.43	3	3	UG/M3	3.0 U	
EPD-UW-H-081723	TO-15	67-63-0	2-PROPANOL	7.3 U	2	7.3	7.3	UG/M3	7.3 U	
EPD-UW-H-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U	0.64	2.3	2.3	UG/M3	2.3 U	
EPD-UW-H-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U	0.096	0.73	0.73	UG/M3	0.73 U	
EPD-UW-H-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U	0.16	0.61	0.61	UG/M3	0.61 U	
EPD-UW-H-081723	TO-15	67-64-1	ACETONE	17	1.1	7	7	UG/M3	17 J+	
EPD-UW-H-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U	0.091	0.77	0.77	UG/M3	0.77 U	
EPD-UW-H-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U	0.15	0.99	0.99	UG/M3	0.99 U	
EPD-UW-H-081723	TO-15	75-25-2	BROMOFORM	1.5 U	0.2	1.5	1.5	UG/M3	1.5 U	
EPD-UW-H-081723	TO-15	74-83-9	BROMOMETHANE	29 U	0.76	29	29	UG/M3	29 U	
EPD-UW-H-081723	TO-15	75-15-0	CARBON DISULFIDE	2.3 U	0.47	2.3	2.3	UG/M3	2.3 U	
EPD-UW-H-081723	TO-15	108-90-7	CHLOROBENZENE	0.68 U	0.076	0.68	0.68	UG/M3	0.68 U	
EPD-UW-H-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U	0.11	0.67	0.67	UG/M3	0.67 U	
EPD-UW-H-081723	TO-15	98-82-8	CUMENE	0.73 U	0.1	0.73	0.73	UG/M3	0.73 U	
EPD-UW-H-081723	TO-15	110-82-7	CYCLOHEXANE	2.5 U	0.4	2.5	2.5	UG/M3	2.5 U	
EPD-UW-H-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U	0.14	1.3	1.3	UG/M3	1.3 U	
EPD-UW-H-081723	TO-15	64-17-5	ETHANOL	3.3 J	2	5.6	5.6	UG/M3	3.3 J+	
EPD-UW-H-081723	TO-15	75-69-4	FREON 11	1.1 J0	0.14	0.83	0.83	UG/M3	1.1 J	
EPD-UW-H-081723	TO-15	76-13-1	FREON 113	0.56 J	0.19	1.1	1.1	UG/M3	0.56 J	
EPD-UW-H-081723	TO-15	142-82-5	HEPTANE	3 U	0.55	3	3	UG/M3	3.0 U	
EPD-UW-H-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 UJ	1.2	7.9	7.9	UG/M3	7.9 UJ	
EPD-UW-H-081723	TO-15	110-54-3	HEXANE	0.36 J	0.24	2.6	2.6	UG/M3	0.36 J	
EPD-UW-H-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.52 J	0.42	1	1	UG/M3	0.52 J	
EPD-UW-H-081723	TO-15	103-65-1	PROPYLBENZENE	0.73 U	0.1	0.73	0.73	UG/M3	0.73 U	
EPD-UW-H-081723	TO-15	100-42-5	STYRENE	0.1 J	0.052	0.63	0.63	UG/M3	0.10 J	
EPD-UW-H-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U	0.48	2.2	2.2	UG/M3	2.2 U	
EPD-UW-H-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U	0.11	0.67	0.67	UG/M3	0.67 U	
EPD-UW-H-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-H-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-H-081723	TO-15	74-98-6	PROPANE	7.4 NJ				PPBV	7.4 NJ	
EPD-UW-H-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U	0.034	0.16	0.16	UG/M3	0.16 U	
EPD-UW-H-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U	0.033	0.2	0.20	UG/M3	0.20 U	
EPD-UW-H-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U	0.02	0.16	0.16	UG/M3	0.16 U	
EPD-UW-H-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U	0.027	0.12	0.12	UG/M3	0.12 U	
EPD-UW-H-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U	0.023	0.059	0.059	UG/M3	0.059 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINIS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.027	0.23	UG/M3	0.23 U	
EPD-UW-H-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049 J		0.026	0.12	UG/M3	0.049 J	
EPD-UW-H-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.072	0.18	UG/M3	0.18 U	
EPD-UW-H-081723	TO-15 SIM	71-43-2	BENZENE	0.73		0.048	0.24	UG/M3	0.73	
EPD-UW-H-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.038	0.19	UG/M3	0.42	
EPD-UW-H-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	
EPD-UW-H-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.15		0.031	0.14	UG/M3	0.15	
EPD-UW-H-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1.2 J		0.025	1.5	UG/M3	1.2 J+	
EPD-UW-H-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.031	0.12	UG/M3	0.12 U	
EPD-UW-H-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098 J		0.02	0.13	UG/M3	0.098 J	
EPD-UW-H-081723	TO-15 SIM	76-14-2	FREON 114	0.15 J		0.057	0.21	UG/M3	0.15 J	
EPD-UW-H-081723	TO-15 SIM	75-71-8	FREON 12	2.5		0.042	0.36	UG/M3	2.5	
EPD-UW-H-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.28		0.031	0.26	UG/M3	0.28	
EPD-UW-H-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.011	0.53	UG/M3	0.53 U	
EPD-UW-H-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.036 J		0.018	0.39	UG/M3	0.036 J	
EPD-UW-H-081723	TO-15 SIM	95-47-6	O-XYLENE	0.12 J		0.026	0.13	UG/M3	0.12 J	
EPD-UW-H-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.044 J		0.039	0.2	UG/M3	0.044 J	
EPD-UW-H-081723	TO-15 SIM	108-88-3	TOLUENE	0.75		0.034	0.28	UG/M3	0.75	
EPD-UW-H-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.84		0.028	0.59	UG/M3	0.84	
EPD-UW-H-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-UW-H-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	
EPD-WA-01-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-WA-01-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.096 J		0.087	0.69	UG/M3	0.096 J	
EPD-WA-01-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.093	0.84	UG/M3	0.84 U	
EPD-WA-01-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-01-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.079	0.69	UG/M3	0.69 U	
EPD-WA-01-081723	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.044	0.31	UG/M3	0.31 U	
EPD-WA-01-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.15	0.84	UG/M3	0.84 U	
EPD-WA-01-081723	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.18	0.5	UG/M3	0.50 U	
EPD-WA-01-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.52	3.3	UG/M3	3.3 U	
EPD-WA-01-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2 J		0.49	2.1	UG/M3	1.2 J	
EPD-WA-01-081723	TO-15	591-78-6	2-HEXANONE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-WA-01-081723	TO-15	67-63-0	2-PROPANOL	6.9 U		1.8	6.9	UG/M3	6.9 U	
EPD-WA-01-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-01-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.69 U		0.091	0.69	UG/M3	0.69 U	
EPD-WA-01-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.15	0.57	UG/M3	0.57 U	
EPD-WA-01-081723	TO-15	67-64-1	ACETONE	15		1	6.6	UG/M3	15 J+	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.086	0.72	UG/M3	0.72 U	
EPD-WA-01-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.14	0.94	UG/M3	0.94 U	
EPD-WA-01-081723	TO-15	75-25-2	BROMOFORM	1.4 U		0.19	1.4	UG/M3	1.4 U	
EPD-WA-01-081723	TO-15	74-83-9	BROMOMETHANE	27 U		0.71	27	UG/M3	27 U	
EPD-WA-01-081723	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-01-081723	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.072	0.64	UG/M3	0.64 U	
EPD-WA-01-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-01-081723	TO-15	98-82-8	CUMENE	0.69 U		0.095	0.69	UG/M3	0.69 U	
EPD-WA-01-081723	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.38	2.4	UG/M3	2.4 U	
EPD-WA-01-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-WA-01-081723	TO-15	64-17-5	ETHANOL	4.6 J		1.9	5.3	UG/M3	4.6 J+	
EPD-WA-01-081723	TO-15	75-69-4	FREON 11	1.1 J0		0.13	0.79	UG/M3	1.1 J	
EPD-WA-01-081723	TO-15	76-13-1	FREON 113	0.5 J		0.18	1.1	UG/M3	0.50 J	
EPD-WA-01-081723	TO-15	142-82-5	HEPTANE	2.9 U		0.52	2.9	UG/M3	2.9 U	
EPD-WA-01-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 UJ		1.1	7.5	UG/M3	7.5 UJ	
EPD-WA-01-081723	TO-15	110-54-3	HEXANE	0.39 J		0.22	2.5	UG/M3	0.39 J	
EPD-WA-01-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.44 J		0.4	0.97	UG/M3	0.44 J	
EPD-WA-01-081723	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.098	0.69	UG/M3	0.69 U	
EPD-WA-01-081723	TO-15	100-42-5	STYRENE	0.11 J		0.05	0.6	UG/M3	0.11 J	
EPD-WA-01-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.46	2.1	UG/M3	2.1 U	
EPD-WA-01-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-01-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.032	0.15	UG/M3	0.15 U	
EPD-WA-01-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.032	0.19	UG/M3	0.19 U	
EPD-WA-01-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-01-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-01-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.022	0.056	UG/M3	0.056 U	
EPD-WA-01-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.025	0.22	UG/M3	0.22 U	
EPD-WA-01-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049 J		0.024	0.11	UG/M3	0.049 J	
EPD-WA-01-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.068	0.17	UG/M3	0.17 U	
EPD-WA-01-081723	TO-15 SIM	71-43-2	BENZENE	0.71		0.046	0.22	UG/M3	0.71	
EPD-WA-01-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.036	0.18	UG/M3	0.43	
EPD-WA-01-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-01-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.13 J		0.03	0.14	UG/M3	0.13 J	
EPD-WA-01-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.024	1.4	UG/M3	1.1 J+	
EPD-WA-01-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12 J		0.019	0.12	UG/M3	0.12 J	
EPD-WA-01-081723	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.054	0.2	UG/M3	0.14 J	
EPD-WA-01-081723	TO-15 SIM	75-71-8	FREON 12	2.6		0.04	0.35	UG/M3	2.6	
EPD-WA-01-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.35		0.03	0.24	UG/M3	0.35	
EPD-WA-01-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.011	0.5	UG/M3	0.50 U	
EPD-WA-01-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.017	0.37	UG/M3	0.37 U	
EPD-WA-01-081723	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.024	0.12	UG/M3	0.14	
EPD-WA-01-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.15 J		0.037	0.19	UG/M3	0.15 J	
EPD-WA-01-081723	TO-15 SIM	108-88-3	TOLUENE	0.97		0.032	0.26	UG/M3	0.97	
EPD-WA-01-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56 U	
EPD-WA-01-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-WA-01-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-02-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6 U		0.8	6	UG/M3	6.0 U	
EPD-WA-02-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22 J		0.1	0.8	UG/M3	0.22 J	
EPD-WA-02-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.98 U		0.11	0.98	UG/M3	0.98 U	
EPD-WA-02-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.75 U		0.15	0.75	UG/M3	0.75 U	
EPD-WA-02-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.8 U		0.092	0.8	UG/M3	0.80 U	
EPD-WA-02-081723	TO-15	106-99-0	1,3-BUTADIENE	0.36 U		0.052	0.36	UG/M3	0.36 U	
EPD-WA-02-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.98 U		0.18	0.98	UG/M3	0.98 U	
EPD-WA-02-081723	TO-15	123-91-1	1,4-DIOXANE	0.59 U		0.21	0.59	UG/M3	0.59 U	
EPD-WA-02-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.8 U		0.6	3.8	UG/M3	3.8 U	
EPD-WA-02-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.4		0.58	2.4	UG/M3	2.4	
EPD-WA-02-081723	TO-15	591-78-6	2-HEXANONE	3.3 U		0.47	3.3	UG/M3	3.3 U	
EPD-WA-02-081723	TO-15	67-63-0	2-PROPANOL	8 U		2.2	8	UG/M3	8.0 U	
EPD-WA-02-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.6 U		0.7	2.6	UG/M3	2.6 U	
EPD-WA-02-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.8 U		0.11	0.8	UG/M3	0.80 U	
EPD-WA-02-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.67 U		0.18	0.67	UG/M3	0.67 U	
EPD-WA-02-081723	TO-15	67-64-1	ACETONE	15		1.2	7.7	UG/M3	15 J	
EPD-WA-02-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.84 U		0.1	0.84	UG/M3	0.84 U	
EPD-WA-02-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.16	1.1	UG/M3	1.1 U	
EPD-WA-02-081723	TO-15	75-25-2	BROMOFORM	1.7 U		0.22	1.7	UG/M3	1.7 U	
EPD-WA-02-081723	TO-15	74-83-9	BROMOMETHANE	32 U		0.83	32	UG/M3	32 U	
EPD-WA-02-081723	TO-15	75-15-0	CARBON DISULFIDE	2.5 U		0.52	2.5	UG/M3	2.5 U	
EPD-WA-02-081723	TO-15	108-90-7	CHLOROBENZENE	0.75 U		0.084	0.75	UG/M3	0.75 U	
EPD-WA-02-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-02-081723	TO-15	98-82-8	CUMENE	0.8 U		0.11	0.8	UG/M3	0.80 U	
EPD-WA-02-081723	TO-15	110-82-7	CYCLOHEXANE	2.8 U		0.44	2.8	UG/M3	2.8 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.15	1.4	UG/M3	1.4 U	
EPD-WA-02-081723	TO-15	64-17-5	ETHANOL	4 J		2.2	6.1	UG/M3	4.0 J+	
EPD-WA-02-081723	TO-15	75-69-4	FREON 11	1 J0		0.15	0.92	UG/M3	1.0 J	
EPD-WA-02-081723	TO-15	76-13-1	FREON 113	0.48 J		0.2	1.2	UG/M3	0.48 J	
EPD-WA-02-081723	TO-15	142-82-5	HEPTANE	3.3 U		0.61	3.3	UG/M3	3.3 U	
EPD-WA-02-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.7 UJ		1.3	8.7	UG/M3	8.7 UJ	
EPD-WA-02-081723	TO-15	110-54-3	HEXANE	0.39 J		0.26	2.9	UG/M3	0.39 J	
EPD-WA-02-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.61 J		0.46	1.1	UG/M3	0.61 J	
EPD-WA-02-081723	TO-15	103-65-1	PROPYLBENZENE	0.8 U		0.11	0.8	UG/M3	0.80 U	
EPD-WA-02-081723	TO-15	100-42-5	STYRENE	0.085 J		0.058	0.69	UG/M3	0.085 J	
EPD-WA-02-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.4 U		0.53	2.4	UG/M3	2.4 U	
EPD-WA-02-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-02-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-081723	TO-15	18173-64-3	TERT-BUTYLDIMETHYLSILANOL	1.3 NJ				PPBV	1.3 NJ	
EPD-WA-02-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U		0.038	0.18	UG/M3	0.18 U	
EPD-WA-02-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22 U		0.037	0.22	UG/M3	0.22 U	
EPD-WA-02-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U		0.022	0.18	UG/M3	0.18 U	
EPD-WA-02-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U		0.03	0.13	UG/M3	0.13 U	
EPD-WA-02-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.065 U		0.025	0.065	UG/M3	0.065 U	
EPD-WA-02-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.25 U		0.03	0.25	UG/M3	0.25 U	
EPD-WA-02-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.042 J		0.028	0.13	UG/M3	0.042 J	
EPD-WA-02-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2 U		0.08	0.2	UG/M3	0.20 U	
EPD-WA-02-081723	TO-15 SIM	71-43-2	BENZENE	0.82		0.053	0.26	UG/M3	0.82	
EPD-WA-02-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.042	0.2	UG/M3	0.39	
EPD-WA-02-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.22 U		0.023	0.22	UG/M3	0.22 U	
EPD-WA-02-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.12 J		0.034	0.16	UG/M3	0.12 J	
EPD-WA-02-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.028	1.7	UG/M3	1.1 J+	
EPD-WA-02-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.035	0.13	UG/M3	0.13 U	
EPD-WA-02-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.022	0.14	UG/M3	0.15	
EPD-WA-02-081723	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.063	0.23	UG/M3	0.13 J	
EPD-WA-02-081723	TO-15 SIM	75-71-8	FREON 12	2.3		0.046	0.4	UG/M3	2.3	
EPD-WA-02-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.43		0.034	0.28	UG/M3	0.43	
EPD-WA-02-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.59 U		0.012	0.59	UG/M3	0.59 U	
EPD-WA-02-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.045 J		0.02	0.43	UG/M3	0.045 J	
EPD-WA-02-081723	TO-15 SIM	95-47-6	O-XYLENE	0.17		0.028	0.14	UG/M3	0.17	
EPD-WA-02-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.053 J		0.043	0.22	UG/M3	0.053 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-081723	TO-15 SIM	108-88-3	TOLUENE	1.1		0.038	0.31	UG/M3	1.1	
EPD-WA-02-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.39 J		0.031	0.65	UG/M3	0.39 J	
EPD-WA-02-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.18 U		0.036	0.18	UG/M3	0.18 U	
EPD-WA-02-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.042 U		0.018	0.042	UG/M3	0.042 U	
EPD-WA-03-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6 U		0.79	6	UG/M3	6.0 U	
EPD-WA-03-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.11 J		0.1	0.79	UG/M3	0.11 J	
EPD-WA-03-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.97 U		0.11	0.97	UG/M3	0.97 U	
EPD-WA-03-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.74 U		0.15	0.74	UG/M3	0.74 U	
EPD-WA-03-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.79 U		0.091	0.79	UG/M3	0.79 U	
EPD-WA-03-081723	TO-15	106-99-0	1,3-BUTADIENE	0.36 U		0.051	0.36	UG/M3	0.36 U	
EPD-WA-03-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.97 U		0.18	0.97	UG/M3	0.97 U	
EPD-WA-03-081723	TO-15	123-91-1	1,4-DIOXANE	0.58 U		0.21	0.58	UG/M3	0.58 U	
EPD-WA-03-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.8 U		0.59	3.8	UG/M3	3.8 U	
EPD-WA-03-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1 J		0.57	2.4	UG/M3	1.0 J	
EPD-WA-03-081723	TO-15	591-78-6	2-HEXANONE	3.3 U		0.47	3.3	UG/M3	3.3 U	
EPD-WA-03-081723	TO-15	67-63-0	2-PROPANOL	7.9 U		2.1	7.9	UG/M3	7.9 U	
EPD-WA-03-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.5 U		0.69	2.5	UG/M3	2.5 U	
EPD-WA-03-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.79 U		0.1	0.79	UG/M3	0.79 U	
EPD-WA-03-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.52 J		0.18	0.66	UG/M3	0.52 J	
EPD-WA-03-081723	TO-15	67-64-1	ACETONE	10		1.2	7.6	UG/M3	10 J†	
EPD-WA-03-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.83 U		0.099	0.83	UG/M3	0.83 U	
EPD-WA-03-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.16	1.1	UG/M3	1.1 U	
EPD-WA-03-081723	TO-15	75-25-2	BROMOFORM	1.7 U		0.22	1.7	UG/M3	1.7 U	
EPD-WA-03-081723	TO-15	74-83-9	BROMOMETHANE	31 U		0.82	31	UG/M3	31 U	
EPD-WA-03-081723	TO-15	75-15-0	CARBON DISULFIDE	2.5 U		0.51	2.5	UG/M3	2.5 U	
EPD-WA-03-081723	TO-15	108-90-7	CHLOROBENZENE	0.74 U		0.083	0.74	UG/M3	0.74 U	
EPD-WA-03-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.73 U		0.12	0.73	UG/M3	0.73 U	
EPD-WA-03-081723	TO-15	98-82-8	CUMENE	0.79 U		0.11	0.79	UG/M3	0.79 U	
EPD-WA-03-081723	TO-15	110-82-7	CYCLOHEXANE	2.8 U		0.44	2.8	UG/M3	2.8 U	
EPD-WA-03-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.15	1.4	UG/M3	1.4 U	
EPD-WA-03-081723	TO-15	64-17-5	ETHANOL	3.7 J		2.2	6.1	UG/M3	3.7 J†	
EPD-WA-03-081723	TO-15	75-69-4	FREON 11	1 J0		0.15	0.9	UG/M3	1.0 J	
EPD-WA-03-081723	TO-15	76-13-1	FREON 113	0.49 J		0.2	1.2	UG/M3	0.49 J	
EPD-WA-03-081723	TO-15	142-82-5	HEPTANE	3.3 U		0.6	3.3	UG/M3	3.3 U	
EPD-WA-03-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.6 UJ		1.3	8.6	UG/M3	8.6 UJ	
EPD-WA-03-081723	TO-15	110-54-3	HEXANE	2.8 U		0.26	2.8	UG/M3	2.8 U	
EPD-WA-03-081723	TO-15	75-09-2	METHYLENE CHLORIDE	1.1 U		0.46	1.1	UG/M3	1.1 U	

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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081723	TO-15	103-65-1	PROPYLBENZENE	0.79 U		0.11	0.79	UG/M3	0.79 U	
EPD-WA-03-081723	TO-15	100-42-5	STYRENE	0.13 J		0.057	0.68	UG/M3	0.13 J	
EPD-WA-03-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.4 U		0.53	2.4	UG/M3	2.4 U	
EPD-WA-03-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.73 U		0.12	0.73	UG/M3	0.73 U	
EPD-WA-03-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-081723	TO-15	75-28-5	ISOBUTANE	7.5 NJ				PPBV	7.5 NJ	
EPD-WA-03-081723	TO-15	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U		0.037	0.18	UG/M3	0.18 U	
EPD-WA-03-081723	TO-15	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22 U		0.036	0.22	UG/M3	0.22 U	
EPD-WA-03-081723	TO-15	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U		0.022	0.18	UG/M3	0.18 U	
EPD-WA-03-081723	TO-15	75-34-3	1,1-DICHLOROETHANE	0.13 U		0.03	0.13	UG/M3	0.13 U	
EPD-WA-03-081723	TO-15	75-35-4	1,1-DICHLOROETHENE	0.064 U		0.025	0.064	UG/M3	0.064 U	
EPD-WA-03-081723	TO-15	106-93-4	1,2-DIBROMOETHANE (EDB)	0.25 U		0.029	0.25	UG/M3	0.25 U	
EPD-WA-03-081723	TO-15	107-06-2	1,2-DICHLOROETHANE	0.049 J		0.028	0.13	UG/M3	0.049 J	
EPD-WA-03-081723	TO-15	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.079	0.19	UG/M3	0.19 U	
EPD-WA-03-081723	TO-15	71-43-2	BENZENE	0.61		0.053	0.26	UG/M3	0.61	
EPD-WA-03-081723	TO-15	56-23-5	CARBON TETRACHLORIDE	0.4		0.041	0.2	UG/M3	0.40	
EPD-WA-03-081723	TO-15	75-00-3	CHLOROETHANE	0.21 U		0.023	0.21	UG/M3	0.21 U	
EPD-WA-03-081723	TO-15	67-66-3	CHLOROFORM	0.13 J		0.034	0.16	UG/M3	0.13 J	
EPD-WA-03-081723	TO-15	74-87-3	CHLOROMETHANE	1.2 J		0.028	1.7	UG/M3	1.2 J+	
EPD-WA-03-081723	TO-15	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.034	0.13	UG/M3	0.13 U	
EPD-WA-03-081723	TO-15	100-41-4	ETHYL BENZENE	0.094 J		0.022	0.14	UG/M3	0.094 J	
EPD-WA-03-081723	TO-15	76-14-2	FREON 114	0.14 J		0.062	0.22	UG/M3	0.14 J	
EPD-WA-03-081723	TO-15	75-71-8	FREON 12	2.4		0.046	0.4	UG/M3	2.4	
EPD-WA-03-081723	TO-15	179601-23-1	M,P-XYLENE	0.28		0.034	0.28	UG/M3	0.28	
EPD-WA-03-081723	TO-15	1634-04-4	METHYL TERT-BUTYL ETHER	0.58 U		0.012	0.58	UG/M3	0.58 U	
EPD-WA-03-081723	TO-15	91-20-3	NAPHTHALENE	0.021 J		0.02	0.42	UG/M3	0.021 J	
EPD-WA-03-081723	TO-15	95-47-6	O-XYLENE	0.11 J		0.028	0.14	UG/M3	0.11 J	
EPD-WA-03-081723	TO-15	127-18-4	TETRACHLOROETHENE	0.046 J		0.043	0.22	UG/M3	0.046 J	
EPD-WA-03-081723	TO-15	108-88-3	TOLUENE	0.7		0.037	0.3	UG/M3	0.70	
EPD-WA-03-081723	TO-15	156-60-5	TRANS-1,2-DICHLOROETHENE	0.64 U		0.031	0.64	UG/M3	0.64 U	
EPD-WA-03-081723	TO-15	79-01-6	TRICHLOROETHENE	0.17 U		0.035	0.17	UG/M3	0.17 U	
EPD-WA-03-081723	TO-15	75-01-4	VINYL CHLORIDE	0.041 U		0.018	0.041	UG/M3	0.041 U	
EPD-WA-04-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-WA-04-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18 J		0.087	0.68	UG/M3	0.18 J	
EPD-WA-04-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.092	0.84	UG/M3	0.84 U	
EPD-WA-04-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.13	0.64	UG/M3	0.64 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.079	0.68	UG/M3	0.68 U	
EPD-WA-04-081723	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.044	0.31	UG/M3	0.31 U	
EPD-WA-04-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.15	0.84	UG/M3	0.84 U	
EPD-WA-04-081723	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.18	0.5	UG/M3	0.50 U	
EPD-WA-04-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.51	3.2	UG/M3	3.2 U	
EPD-WA-04-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2 J		0.49	2	UG/M3	1.2 J	
EPD-WA-04-081723	TO-15	591-78-6	2-HEXANONE	2.8 U		0.4	2.8	UG/M3	2.8 U	
EPD-WA-04-081723	TO-15	67-63-0	2-PROPANOL	6.8 U		1.8	6.8	UG/M3	6.8 U	
EPD-WA-04-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-04-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U		0.09	0.68	UG/M3	0.68 U	
EPD-WA-04-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.15	0.57	UG/M3	0.57 U	
EPD-WA-04-081723	TO-15	67-64-1	ACETONE	13		1	6.6	UG/M3	13 J+	
EPD-WA-04-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.085	0.72	UG/M3	0.72 U	
EPD-WA-04-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93 U		0.14	0.93	UG/M3	0.93 U	
EPD-WA-04-081723	TO-15	75-25-2	BROMOFORM	1.4 U		0.19	1.4	UG/M3	1.4 U	
EPD-WA-04-081723	TO-15	74-83-9	BROMOMETHANE	27 U		0.71	27	UG/M3	27 U	
EPD-WA-04-081723	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-04-081723	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.072	0.64	UG/M3	0.64 U	
EPD-WA-04-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-04-081723	TO-15	98-82-8	CUMENE	0.68 U		0.094	0.68	UG/M3	0.68 U	
EPD-WA-04-081723	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.38	2.4	UG/M3	2.4 U	
EPD-WA-04-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-WA-04-081723	TO-15	64-17-5	ETHANOL	3.8 J		1.9	5.2	UG/M3	3.8 J+	
EPD-WA-04-081723	TO-15	75-69-4	FREON 11	1.1 J0		0.13	0.78	UG/M3	1.1 J	
EPD-WA-04-081723	TO-15	76-13-1	FREON 113	0.4 J		0.18	1.1	UG/M3	0.40 J	
EPD-WA-04-081723	TO-15	142-82-5	HEPTANE	2.8 U		0.52	2.8	UG/M3	2.8 U	
EPD-WA-04-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 UJ		1.1	7.4	UG/M3	7.4 UJ	
EPD-WA-04-081723	TO-15	110-54-3	HEXANE	0.39 J		0.22	2.4	UG/M3	0.39 J	
EPD-WA-04-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.51 J		0.4	0.96	UG/M3	0.51 J	
EPD-WA-04-081723	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.098	0.68	UG/M3	0.68 U	
EPD-WA-04-081723	TO-15	100-42-5	STYRENE	0.12 J		0.049	0.59	UG/M3	0.12 J	
EPD-WA-04-081723	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.46	2	UG/M3	2.0 U	
EPD-WA-04-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-04-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.032	0.15	UG/M3	0.15 U	
EPD-WA-04-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.031	0.19	UG/M3	0.19 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-04-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.025	0.11	UG/M3	0.11 U	
EPD-WA-04-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.021	0.055	UG/M3	0.055 U	
EPD-WA-04-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.025	0.21	UG/M3	0.21 U	
EPD-WA-04-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.024	0.11	UG/M3	0.046 J	
EPD-WA-04-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.068	0.17	UG/M3	0.17 U	
EPD-WA-04-081723	TO-15 SIM	71-43-2	BENZENE	1.1		0.046	0.22	UG/M3	1.1	
EPD-WA-04-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.036	0.17	UG/M3	0.39	
EPD-WA-04-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-04-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.13 J		0.029	0.14	UG/M3	0.13 J	
EPD-WA-04-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.024	1.4	UG/M3	1.1 J	
EPD-WA-04-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-WA-04-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.019	0.12	UG/M3	0.15	
EPD-WA-04-081723	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.054	0.19	UG/M3	0.13 J	
EPD-WA-04-081723	TO-15 SIM	75-71-8	FREON 12	2.4		0.039	0.34	UG/M3	2.4	
EPD-WA-04-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.45		0.029	0.24	UG/M3	0.45	
EPD-WA-04-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.011	0.5	UG/M3	0.50 U	
EPD-WA-04-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.024 J		0.017	0.36	UG/M3	0.024 J	
EPD-WA-04-081723	TO-15 SIM	95-47-6	O-XYLENE	0.18		0.024	0.12	UG/M3	0.18	
EPD-WA-04-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.059 J		0.037	0.19	UG/M3	0.059 J	
EPD-WA-04-081723	TO-15 SIM	108-88-3	TOLUENE	1.2		0.032	0.26	UG/M3	1.2	
EPD-WA-04-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.026	0.55	UG/M3	0.55 U	
EPD-WA-04-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-WA-04-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-05-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7 U		0.75	5.7	UG/M3	5.7 U	
EPD-WA-05-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.29 J		0.096	0.76	UG/M3	0.29 J	
EPD-WA-05-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92 U		0.1	0.92	UG/M3	0.92 U	
EPD-WA-05-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-05-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.13 J		0.087	0.76	UG/M3	0.13 J	
EPD-WA-05-081723	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.049	0.34	UG/M3	0.34 U	
EPD-WA-05-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92 U		0.17	0.92	UG/M3	0.92 U	
EPD-WA-05-081723	TO-15	123-91-1	1,4-DIOXANE	0.55 U		0.2	0.55	UG/M3	0.55 U	
EPD-WA-05-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U		0.57	3.6	UG/M3	3.6 U	
EPD-WA-05-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.3 J		0.54	2.3	UG/M3	1.3 J	
EPD-WA-05-081723	TO-15	591-78-6	2-HEXANONE	3.2 U		0.45	3.2	UG/M3	3.2 U	
EPD-WA-05-081723	TO-15	67-63-0	2-PROPANOL	3 J		2	7.6	UG/M3	3.0 J	
EPD-WA-05-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.66	2.4	UG/M3	2.4 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.12 J	0.1	0.1	0.76	UG/M3	0.12 J	
EPD-WA-05-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U	0.17	0.63	0.63	UG/M3	0.63 U	
EPD-WA-05-081723	TO-15	67-64-1	ACETONE	24	1.1	7.3	0.8	UG/M3	24 J†	
EPD-WA-05-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U	0.094	0.8	0.80	UG/M3	0.80 U	
EPD-WA-05-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U	0.15	1	1.0	UG/M3	1.0 U	
EPD-WA-05-081723	TO-15	75-25-2	BROMOFORM	1.6 U	0.21	1.6	1.6	UG/M3	1.6 U	
EPD-WA-05-081723	TO-15	74-83-9	BROMOMETHANE	30 U	0.78	30	30	UG/M3	30 U	
EPD-WA-05-081723	TO-15	75-15-0	CARBON DISULFIDE	2.4 U	0.49	2.4	2.4	UG/M3	2.4 U	
EPD-WA-05-081723	TO-15	108-90-7	CHLOROBENZENE	0.71 U	0.079	0.71	0.71	UG/M3	0.71 U	
EPD-WA-05-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U	0.11	0.7	0.70	UG/M3	0.70 U	
EPD-WA-05-081723	TO-15	98-82-8	CUMENE	0.76 U	0.1	0.76	0.76	UG/M3	0.76 U	
EPD-WA-05-081723	TO-15	110-82-7	CYCLOHEXANE	2.6 U	0.42	2.6	2.6	UG/M3	2.6 U	
EPD-WA-05-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U	0.14	1.3	1.3	UG/M3	1.3 U	
EPD-WA-05-081723	TO-15	64-17-5	ETHANOL	5.6 J	2.1	5.8	5.6	UG/M3	5.6 J†	
EPD-WA-05-081723	TO-15	75-69-4	FREON 11	1 J0	0.14	0.86	1.0	UG/M3	1.0 J	
EPD-WA-05-081723	TO-15	76-13-1	FREON 113	0.51 J	0.19	1.2	0.51	UG/M3	0.51 J	
EPD-WA-05-081723	TO-15	142-82-5	HEPTANE	3.2 U	0.58	3.2	3.2	UG/M3	3.2 U	
EPD-WA-05-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2 UJ	1.2	8.2	8.2	UG/M3	8.2 UJ	
EPD-WA-05-081723	TO-15	110-54-3	HEXANE	0.64 J	0.25	2.7	0.64	UG/M3	0.64 J	
EPD-WA-05-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.62 J	0.44	1.1	0.62	UG/M3	0.62 J	
EPD-WA-05-081723	TO-15	103-65-1	PROPYLBENZENE	0.76 U	0.11	0.76	0.76	UG/M3	0.76 U	
EPD-WA-05-081723	TO-15	100-42-5	STYRENE	0.18 J	0.054	0.66	0.18	UG/M3	0.18 J	
EPD-WA-05-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U	0.5	2.3	2.3	UG/M3	2.3 U	
EPD-WA-05-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U	0.11	0.7	0.70	UG/M3	0.70 U	
EPD-WA-05-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U	0.035	0.17	0.17	UG/M3	0.17 U	
EPD-WA-05-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U	0.035	0.21	0.21	UG/M3	0.21 U	
EPD-WA-05-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U	0.021	0.17	0.17	UG/M3	0.17 U	
EPD-WA-05-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U	0.028	0.12	0.12	UG/M3	0.12 U	
EPD-WA-05-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U	0.024	0.061	0.061	UG/M3	0.061 U	
EPD-WA-05-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U	0.028	0.24	0.24	UG/M3	0.24 U	
EPD-WA-05-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.05 J	0.027	0.12	0.050	UG/M3	0.050 J	
EPD-WA-05-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U	0.075	0.18	0.18	UG/M3	0.18 U	
EPD-WA-05-081723	TO-15 SIM	71-43-2	BENZENE	0.96	0.05	0.24	0.96	UG/M3	0.96	
EPD-WA-05-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41	0.04	0.19	0.41	UG/M3	0.41	
EPD-WA-05-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U	0.022	0.2	0.20	UG/M3	0.20 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.16		0.032	0.15	UG/M3	0.16	
EPD-WA-05-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.026	1.6	UG/M3	1.1 J†	
EPD-WA-05-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.033	0.12	UG/M3	0.12 U	
EPD-WA-05-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.24		0.021	0.13	UG/M3	0.24	
EPD-WA-05-081723	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.059	0.22	UG/M3	0.14 J	
EPD-WA-05-081723	TO-15 SIM	75-71-8	FREON 12	2.4		0.044	0.38	UG/M3	2.4	
EPD-WA-05-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.71		0.033	0.27	UG/M3	0.71	
EPD-WA-05-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.012	0.56	UG/M3	0.56 U	
EPD-WA-05-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.019 J		0.019	0.4	UG/M3	0.019 J	
EPD-WA-05-081723	TO-15 SIM	95-47-6	O-XYLENE	0.28		0.027	0.13	UG/M3	0.28	
EPD-WA-05-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.064 J		0.041	0.21	UG/M3	0.064 J	
EPD-WA-05-081723	TO-15 SIM	108-88-3	TOLUENE	1.7		0.036	0.29	UG/M3	1.7	
EPD-WA-05-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.22 J		0.029	0.61	UG/M3	0.22 J	
EPD-WA-05-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.034	0.16	UG/M3	0.16 U	
EPD-WA-05-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.017	0.039	UG/M3	0.039 U	
EPD-WA-06-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.69	5.2	UG/M3	5.2 U	
EPD-WA-06-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69 U		0.088	0.69	UG/M3	0.69 U	
EPD-WA-06-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.094	0.85	UG/M3	0.85 U	
EPD-WA-06-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-06-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.08	0.69	UG/M3	0.69 U	
EPD-WA-06-081723	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.045	0.31	UG/M3	0.31 U	
EPD-WA-06-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.15	0.85	UG/M3	0.85 U	
EPD-WA-06-081723	TO-15	123-91-1	1,4-DIOXANE	0.51 U		0.18	0.51	UG/M3	0.51 U	
EPD-WA-06-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.52	3.3	UG/M3	3.3 U	
EPD-WA-06-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.4 J		0.5	2.1	UG/M3	1.4 J	
EPD-WA-06-081723	TO-15	591-78-6	2-HEXANONE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-WA-06-081723	TO-15	67-63-0	2-PROPANOL	6.9 U		1.9	6.9	UG/M3	6.9 U	
EPD-WA-06-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-06-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.69 U		0.092	0.69	UG/M3	0.69 U	
EPD-WA-06-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.15	0.58	UG/M3	0.58 U	
EPD-WA-06-081723	TO-15	67-64-1	ACETONE	18		1	6.7	UG/M3	18 J†	
EPD-WA-06-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73 U		0.086	0.73	UG/M3	0.73 U	
EPD-WA-06-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.14	0.94	UG/M3	0.94 U	
EPD-WA-06-081723	TO-15	75-25-2	BROMOFORM	1.4 U		0.19	1.4	UG/M3	1.4 U	
EPD-WA-06-081723	TO-15	74-83-9	BROMOMETHANE	27 U		0.72	27	UG/M3	27 U	
EPD-WA-06-081723	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.45	2.2	UG/M3	2.2 U	
EPD-WA-06-081723	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.073	0.65	UG/M3	0.65 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINIS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-06-081723	TO-15	98-82-8	CUMENE	0.69 U		0.095	0.69	UG/M3	0.69 U	
EPD-WA-06-081723	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.38	2.4	UG/M3	2.4 U	
EPD-WA-06-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-WA-06-081723	TO-15	64-17-5	ETHANOL	5.9		1.9	5.3	UG/M3	5.9 J+	
EPD-WA-06-081723	TO-15	75-69-4	FREON 11	1 J0		0.13	0.79	UG/M3	1.0 J	
EPD-WA-06-081723	TO-15	76-13-1	FREON 113	0.49 J		0.18	1.1	UG/M3	0.49 J	
EPD-WA-06-081723	TO-15	142-82-5	HEPTANE	2.9 U		0.53	2.9	UG/M3	2.9 U	
EPD-WA-06-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 UJ		1.1	7.5	UG/M3	7.5 UJ	
EPD-WA-06-081723	TO-15	110-54-3	HEXANE	0.36 J		0.23	2.5	UG/M3	0.36 J	
EPD-WA-06-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.61 J		0.4	0.98	UG/M3	0.61 J	
EPD-WA-06-081723	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.099	0.69	UG/M3	0.69 U	
EPD-WA-06-081723	TO-15	100-42-5	STYRENE	0.085 J		0.05	0.6	UG/M3	0.085 J	
EPD-WA-06-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.46	2.1	UG/M3	2.1 U	
EPD-WA-06-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-06-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.032	0.15	UG/M3	0.15 U	
EPD-WA-06-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.032	0.19	UG/M3	0.19 U	
EPD-WA-06-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-06-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-06-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.022	0.056	UG/M3	0.056 U	
EPD-WA-06-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.026	0.22	UG/M3	0.22 U	
EPD-WA-06-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.024	0.11	UG/M3	0.045 J	
EPD-WA-06-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.069	0.17	UG/M3	0.17 U	
EPD-WA-06-081723	TO-15 SIM	71-43-2	BENZENE	0.69		0.046	0.22	UG/M3	0.69	
EPD-WA-06-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.036	0.18	UG/M3	0.38	
EPD-WA-06-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-WA-06-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.13 J		0.03	0.14	UG/M3	0.13 J	
EPD-WA-06-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1 J		0.024	1.4	UG/M3	1.0 J+	
EPD-WA-06-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-WA-06-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.019	0.12	UG/M3	0.10 J	
EPD-WA-06-081723	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.054	0.2	UG/M3	0.13 J	
EPD-WA-06-081723	TO-15 SIM	75-71-8	FREON 12	2.3		0.04	0.35	UG/M3	2.3	
EPD-WA-06-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.03	0.24	UG/M3	0.30	
EPD-WA-06-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.011	0.51	UG/M3	0.51 U	
EPD-WA-06-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.044 J		0.017	0.37	UG/M3	0.044 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-081723	TO-15 SIM	95-47-6	O-XYLENE	0.12		0.025	0.12	UG/M3	0.12	
EPD-WA-06-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.046 J		0.037	0.19	UG/M3	0.046 J	
EPD-WA-06-081723	TO-15 SIM	108-88-3	TOLUENE	0.82		0.033	0.26	UG/M3	0.82	
EPD-WA-06-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.24 J		0.027	0.56	UG/M3	0.24 J	
EPD-WA-06-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-WA-06-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-66-081723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		0.74	5.6	UG/M3	5.6 U	
EPD-WA-66-081723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.13 J		0.095	0.75	UG/M3	0.13 J	
EPD-WA-66-081723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.1	0.91	UG/M3	0.91 U	
EPD-WA-66-081723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-66-081723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75 U		0.086	0.75	UG/M3	0.75 U	
EPD-WA-66-081723	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.048	0.34	UG/M3	0.34 U	
EPD-WA-66-081723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.17	0.91	UG/M3	0.91 U	
EPD-WA-66-081723	TO-15	123-91-1	1,4-DIOXANE	0.55 U		0.2	0.55	UG/M3	0.55 U	
EPD-WA-66-081723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U		0.56	3.6	UG/M3	3.6 U	
EPD-WA-66-081723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.98 J		0.54	2.2	UG/M3	0.98 J	
EPD-WA-66-081723	TO-15	591-78-6	2-HEXANONE	3.1 U		0.44	3.1	UG/M3	3.1 U	
EPD-WA-66-081723	TO-15	67-63-0	2-PROPANOL	7.5 U		2	7.5	UG/M3	7.5 U	
EPD-WA-66-081723	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	
EPD-WA-66-081723	TO-15	622-96-8	4-ETHYLTOLUENE	0.75 U		0.099	0.75	UG/M3	0.75 U	
EPD-WA-66-081723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.17	0.62	UG/M3	0.62 U	
EPD-WA-66-081723	TO-15	67-64-1	ACETONE	22		1.1	7.2	UG/M3	22 J+	
EPD-WA-66-081723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79 U		0.093	0.79	UG/M3	0.79 U	
EPD-WA-66-081723	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.15	1	UG/M3	1.0 U	
EPD-WA-66-081723	TO-15	75-25-2	BROMOFORM	1.6 U		0.21	1.6	UG/M3	1.6 U	
EPD-WA-66-081723	TO-15	74-83-9	BROMOMETHANE	30 U		0.78	30	UG/M3	30 U	
EPD-WA-66-081723	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.48	2.4	UG/M3	2.4 U	
EPD-WA-66-081723	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.078	0.7	UG/M3	0.70 U	
EPD-WA-66-081723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69 U		0.11	0.69	UG/M3	0.69 U	
EPD-WA-66-081723	TO-15	98-82-8	CUMENE	0.75 U		0.1	0.75	UG/M3	0.75 U	
EPD-WA-66-081723	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.41	2.6	UG/M3	2.6 U	
EPD-WA-66-081723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	
EPD-WA-66-081723	TO-15	64-17-5	ETHANOL	5.8		2.1	5.7	UG/M3	5.8 J+	
EPD-WA-66-081723	TO-15	75-69-4	FREON 11	0.95 J0		0.14	0.85	UG/M3	0.95 J	
EPD-WA-66-081723	TO-15	76-13-1	FREON 113	0.46 J		0.19	1.2	UG/M3	0.46 J	
EPD-WA-66-081723	TO-15	142-82-5	HEPTANE	3.1 U		0.57	3.1	UG/M3	3.1 U	
EPD-WA-66-081723	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1 UJ		1.2	8.1	UG/M3	8.1 UJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308387

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-66-081723	TO-15	110-54-3	HEXANE	0.33 J		0.24	2.7	UG/M3	0.33 J	
EPD-WA-66-081723	TO-15	75-09-2	METHYLENE CHLORIDE	0.52 J		0.43	1	UG/M3	0.52 J	
EPD-WA-66-081723	TO-15	103-65-1	PROPYLBENZENE	0.75 U		0.11	0.75	UG/M3	0.75 U	
EPD-WA-66-081723	TO-15	100-42-5	STYRENE	0.093 J		0.054	0.65	UG/M3	0.093 J	
EPD-WA-66-081723	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.5	2.2	UG/M3	2.2 U	
EPD-WA-66-081723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69 U		0.11	0.69	UG/M3	0.69 U	
EPD-WA-66-081723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-66-081723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-66-081723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.035	0.16	UG/M3	0.16 U	
EPD-WA-66-081723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.034	0.21	UG/M3	0.21 U	
EPD-WA-66-081723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-66-081723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-66-081723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.024	0.06	UG/M3	0.060 U	
EPD-WA-66-081723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.028	0.23	UG/M3	0.23 U	
EPD-WA-66-081723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044 J		0.026	0.12	UG/M3	0.044 J	
EPD-WA-66-081723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.074	0.18	UG/M3	0.18 U	
EPD-WA-66-081723	TO-15 SIM	71-43-2	BENZENE	0.77		0.05	0.24	UG/M3	0.77	
EPD-WA-66-081723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.039	0.19	UG/M3	0.38	
EPD-WA-66-081723	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	
EPD-WA-66-081723	TO-15 SIM	67-66-3	CHLOROFORM	0.12 J		0.032	0.15	UG/M3	0.12 J	
EPD-WA-66-081723	TO-15 SIM	74-87-3	CHLOROMETHANE	1 J		0.026	1.6	UG/M3	1.0 J+	
EPD-WA-66-081723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.032	0.12	UG/M3	0.12 U	
EPD-WA-66-081723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11 J		0.02	0.13	UG/M3	0.11 J	
EPD-WA-66-081723	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.059	0.21	UG/M3	0.13 J	
EPD-WA-66-081723	TO-15 SIM	75-71-8	FREON 12	2.2		0.043	0.38	UG/M3	2.2	
EPD-WA-66-081723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.032	0.26	UG/M3	0.30	
EPD-WA-66-081723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55 U		0.012	0.55	UG/M3	0.55 U	
EPD-WA-66-081723	TO-15 SIM	91-20-3	NAPHTHALENE	0.024 J		0.019	0.4	UG/M3	0.024 J	
EPD-WA-66-081723	TO-15 SIM	95-47-6	O-XYLENE	0.12 J		0.027	0.13	UG/M3	0.12 J	
EPD-WA-66-081723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.045 J		0.04	0.21	UG/M3	0.045 J	
EPD-WA-66-081723	TO-15 SIM	108-88-3	TOLUENE	0.77		0.035	0.29	UG/M3	0.77	
EPD-WA-66-081723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.1 J		0.029	0.6	UG/M3	0.10 J	
EPD-WA-66-081723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-WA-66-081723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.017	0.039	UG/M3	0.039 U	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2107d	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Laboratory Report No.	2308410	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes	
Analyses	Nine air samples including one field duplicate pair		
Samples and Matrix	08/18/2023		
Collection Date(s)	EPD-WA-04-081823/EPD-WA-44-081823		
Field Duplicate Pairs	None		
Field QC Blanks			

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, East Palestine Train Derailment Site, East Palestine, Columbiana County, Ohio, Revision 3* (April 2023), the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 4* (August 2022), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data package. The results may be used as qualified based on this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
N	Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) relative percent differences (RPD) and chain of custody (COC) form were not included in the Level I laboratory report. The laboratory provided COC form and LCS/LCSD RPDs separately. No qualifications were applied.

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2308410-10A): Acetone was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). The acetone results in samples EPD-DW-B-081823, EPD-UW-F-081823, EPD-WA-03-081823, EPD-WA-04-081823, EPD-WA-05-081823, and EPD-WA-44-081823 were less than ten times the blank level and were therefore qualified as estimated, possibly biased high (flagged J+). All other sample results for the acetone were at levels greater than ten times the method blank value; therefore, no further qualifications were applied. TO-15 SIM (2308410-10B): Benzene and toluene were detected in the method blank at levels between the MDLs and RLs. All sample results for benzene and toluene were greater than ten times the blank value; therefore, no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

MS/MSDs :

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCs/LCSDs:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2308410-12A/12AA): The percent recoveries of 1,2-dichloropropane, acetone, ethanol, and heptane were greater than the site-specific QAPP criteria in the LCS and LCSD and percent recovery of 1,4-dioxane in the LCSD was greater than the site-specific QAPP acceptance criteria. The acetone and ethanol results in all samples, the heptane result in EPD-WA-04-081823, and the 1,4-dioxane results in samples EPD-DW-B-081823 and EPD-WA-44-081823 were qualified as estimated, possibly high biased (flagged J+). All 1,2-dichloropropane sample results and all remaining heptane and 1,4-dioxane sample results were nondetect; therefore, no additional qualifications were applied.</p> <p>TO-15 SIM (2308410-12B/12BB): The percent recoveries for 1,1,2,2-tetrachloroethane and chloromethane in the LCS and LCSD were greater than the site-specific QAPP acceptance criteria. The chloromethane results in all samples were qualified as estimated, possibly biased high (flagged J+). All samples were nondetect for 1,1,2,2-tetrachloroethane, therefore no additional qualifications were applied.</p>

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.40 to 1.52. While qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Detections between the MDL and RL were reported and qualified as estimated (flagged J) by the laboratory.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in most samples. The laboratory qualified the unknown TIC as estimated (flagged J). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	CCV 2308410-11A had low percent recovery for freon 11. Freon 11 results in all samples were qualified as estimated (flagged J). CCV 2308410-11B had high percent recovery for 1,1,2,2-tetrachloroethane. The 1,1,2,2-tetrachloroethane results in all samples were qualified as estimated (flagged U).

**DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 5 START CONTRACT**

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NF	The tentatively identified compound was manually searched for but was not found in the sample.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-081823	TO-15	120-82-1	1,2,4-TRICHLOROENZENE	5.3 U		0.7	5.3	UG/M3	5.3 U	
EPD-DW-B-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.093 J		0.089	0.7	UG/M3	0.093 J	
EPD-DW-B-081823	TO-15	95-50-1	1,2-DICHLOROENZENE	0.86 U		0.095	0.86	UG/M3	0.86 U	
EPD-DW-B-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-DW-B-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.081	0.7	UG/M3	0.70 U	
EPD-DW-B-081823	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.045	0.32	UG/M3	0.32 U	
EPD-DW-B-081823	TO-15	541-73-1	1,3-DICHLOROENZENE	0.86 U		0.16	0.86	UG/M3	0.86 U	
EPD-DW-B-081823	TO-15	123-91-1	1,4-DIOXANE	0.23 J		0.19	0.52	UG/M3	0.23 J+	
EPD-DW-B-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.53	3.3	UG/M3	3.3 U	
EPD-DW-B-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.76 J		0.5	2.1	UG/M3	0.76 J	
EPD-DW-B-081823	TO-15	591-78-6	2-HEXANONE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-DW-B-081823	TO-15	67-63-0	2-PROPANOL	7 U		1.9	7	UG/M3	7.0 U	
EPD-DW-B-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.61	2.2	UG/M3	2.2 U	
EPD-DW-B-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.093	0.7	UG/M3	0.70 U	
EPD-DW-B-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.16	0.58	UG/M3	0.58 U	
EPD-DW-B-081823	TO-15	67-64-1	ACETONE	10		1	6.8	UG/M3	10 J+	
EPD-DW-B-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.088	0.74	UG/M3	0.74 U	
EPD-DW-B-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.14	0.96	UG/M3	0.96 U	
EPD-DW-B-081823	TO-15	75-25-2	BROMOFORM	1.5 U		0.19	1.5	UG/M3	1.5 U	
EPD-DW-B-081823	TO-15	74-83-9	BROMOMETHANE	28 U		0.73	28	UG/M3	28 U	
EPD-DW-B-081823	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.46	2.2	UG/M3	2.2 U	
EPD-DW-B-081823	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.074	0.66	UG/M3	0.66 U	
EPD-DW-B-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.11	0.65	UG/M3	0.65 U	
EPD-DW-B-081823	TO-15	98-82-8	CUMENE	0.7 U		0.097	0.7	UG/M3	0.70 U	
EPD-DW-B-081823	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.39	2.5	UG/M3	2.5 U	
EPD-DW-B-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-DW-B-081823	TO-15	64-17-5	ETHANOL	2.9 J		1.9	5.4	UG/M3	2.9 J+	
EPD-DW-B-081823	TO-15	75-69-4	FREON 11	1 J0		0.14	0.8	UG/M3	1.0 J	
EPD-DW-B-081823	TO-15	76-13-1	FREON 113	0.51 J		0.18	1.1	UG/M3	0.51 J	
EPD-DW-B-081823	TO-15	142-82-5	HEPTANE	2.9 U		0.53	2.9	UG/M3	2.9 U	
EPD-DW-B-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		1.1	7.6	UG/M3	7.6 U	
EPD-DW-B-081823	TO-15	110-54-3	HEXANE	2.5 U		0.23	2.5	UG/M3	2.5 U	
EPD-DW-B-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.42 J		0.41	0.99	UG/M3	0.42 J	
EPD-DW-B-081823	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.1	0.7	UG/M3	0.70 U	
EPD-DW-B-081823	TO-15	100-42-5	STYRENE	0.61 U		0.051	0.61	UG/M3	0.61 U	
EPD-DW-B-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.47	2.1	UG/M3	2.1 U	
EPD-DW-B-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.1	0.65	UG/M3	0.65 U	
EPD-DW-B-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-B-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-DW-B-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-DW-B-081823	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.032	0.2	UG/M3	0.20 UJ	
EPD-DW-B-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-DW-B-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.026	0.12	UG/M3	0.12 U	
EPD-DW-B-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-DW-B-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.026	0.22	UG/M3	0.22 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049 J		0.025	0.12	UG/M3	0.049 J	
EPD-DW-B-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.07	0.17	UG/M3	0.17 U	
EPD-DW-B-081823	TO-15 SIM	71-43-2	BENZENE	0.65		0.047	0.23	UG/M3	0.65	
EPD-DW-B-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.037	0.18	UG/M3	0.41	
EPD-DW-B-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-DW-B-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.03	0.14	UG/M3	0.10 J	
EPD-DW-B-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.024	1.5	UG/M3	1.1 J+	
EPD-DW-B-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-DW-B-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.066 J		0.019	0.12	UG/M3	0.066 J	
EPD-DW-B-081823	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.055	0.2	UG/M3	0.14 J	
EPD-DW-B-081823	TO-15 SIM	75-71-8	FREON 12	2.4		0.04	0.35	UG/M3	2.4	
EPD-DW-B-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.18 J		0.03	0.25	UG/M3	0.18 J	
EPD-DW-B-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.011	0.52	UG/M3	0.52 U	
EPD-DW-B-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.018	0.37	UG/M3	0.37 U	
EPD-DW-B-081823	TO-15 SIM	95-47-6	O-XYLENE	0.073 J		0.025	0.12	UG/M3	0.073 J	
EPD-DW-B-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.04 J		0.038	0.19	UG/M3	0.040 J	
EPD-DW-B-081823	TO-15 SIM	108-88-3	TOLUENE	0.5		0.033	0.27	UG/M3	0.50	
EPD-DW-B-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.027	0.57	UG/M3	0.57 U	
EPD-DW-B-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-DW-B-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.016	0.036	UG/M3	0.036 U	
EPD-UW-F-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		0.72	5.5	UG/M3	5.5 U	
EPD-UW-F-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73 U		0.092	0.73	UG/M3	0.73 U	
EPD-UW-F-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.098	0.89	UG/M3	0.89 U	
EPD-UW-F-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-UW-F-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.084	0.73	UG/M3	0.73 U	
EPD-UW-F-081823	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.047	0.33	UG/M3	0.33 U	
EPD-UW-F-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.16	0.89	UG/M3	0.89 U	
EPD-UW-F-081823	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.19	0.53	UG/M3	0.53 U	
EPD-UW-F-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.54	3.4	UG/M3	3.4 U	
EPD-UW-F-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.98 J		0.52	2.2	UG/M3	0.98 J	
EPD-UW-F-081823	TO-15	591-78-6	2-HEXANONE	3 U		0.43	3	UG/M3	3.0 U	
EPD-UW-F-081823	TO-15	67-63-0	2-PROPANOL	7.3 U		2	7.3	UG/M3	7.3 U	
EPD-UW-F-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.64	2.3	UG/M3	2.3 U	
EPD-UW-F-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.096	0.73	UG/M3	0.73 U	
EPD-UW-F-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.16	0.61	UG/M3	0.61 U	
EPD-UW-F-081823	TO-15	67-64-1	ACETONE	13		1.1	7	UG/M3	13 J+	
EPD-UW-F-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.091	0.77	UG/M3	0.77 U	
EPD-UW-F-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.15	0.99	UG/M3	0.99 U	
EPD-UW-F-081823	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-UW-F-081823	TO-15	74-83-9	BROMOMETHANE	29 U		0.76	29	UG/M3	29 U	
EPD-UW-F-081823	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.47	2.3	UG/M3	2.3 U	
EPD-UW-F-081823	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.076	0.68	UG/M3	0.68 U	
EPD-UW-F-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.11	0.67	UG/M3	0.67 U	
EPD-UW-F-081823	TO-15	98-82-8	CUMENE	0.73 U		0.1	0.73	UG/M3	0.73 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-081823	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.4	2.5	UG/M3		2.5 U
EPD-UW-F-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3		1.3 U
EPD-UW-F-081823	TO-15	64-17-5	ETHANOL	5.6		2	5.6	UG/M3		5.6 J+
EPD-UW-F-081823	TO-15	75-69-4	FREON 11	1.10		0.14	0.83	UG/M3		1.0 J
EPD-UW-F-081823	TO-15	76-13-1	FREON 113	0.6 J		0.19	1.1	UG/M3		0.60 J
EPD-UW-F-081823	TO-15	142-82-5	HEPTANE	3 U		0.55	3	UG/M3		3.0 U
EPD-UW-F-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		1.2	7.9	UG/M3		7.9 U
EPD-UW-F-081823	TO-15	110-54-3	HEXANE	0.29 J		0.24	2.6	UG/M3		0.29 J
EPD-UW-F-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.54 J		0.42	1	UG/M3		0.54 J
EPD-UW-F-081823	TO-15	103-65-1	PROPYLENBENZENE	0.73 U		0.1	0.73	UG/M3		0.73 U
EPD-UW-F-081823	TO-15	100-42-5	STYRENE	0.63 U		0.052	0.63	UG/M3		0.63 U
EPD-UW-F-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.48	2.2	UG/M3		2.2 U
EPD-UW-F-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.11	0.67	UG/M3		0.67 U
EPD-UW-F-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV		0 U,NF
EPD-UW-F-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV		0 U,NF
EPD-UW-F-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.034	0.16	UG/M3		0.16 U
EPD-UW-F-081823	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.033	0.2	UG/M3		0.20 UJ
EPD-UW-F-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3		0.16 U
EPD-UW-F-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.027	0.12	UG/M3		0.12 U
EPD-UW-F-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.023	0.059	UG/M3		0.059 U
EPD-UW-F-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.027	0.23	UG/M3		0.23 U
EPD-UW-F-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049 J		0.026	0.12	UG/M3		0.049 J
EPD-UW-F-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.072	0.18	UG/M3		0.18 U
EPD-UW-F-081823	TO-15 SIM	71-43-2	BENZENE	0.68		0.048	0.24	UG/M3		0.68
EPD-UW-F-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.038	0.19	UG/M3		0.42
EPD-UW-F-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3		0.20 U
EPD-UW-F-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.031	0.14	UG/M3		0.10 J
EPD-UW-F-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.025	1.5	UG/M3		1.1 J+
EPD-UW-F-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.031	0.12	UG/M3		0.12 U
EPD-UW-F-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11 J		0.02	0.13	UG/M3		0.11 J
EPD-UW-F-081823	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.057	0.21	UG/M3		0.14 J
EPD-UW-F-081823	TO-15 SIM	75-71-8	FREON 12	2.5		0.042	0.36	UG/M3		2.5
EPD-UW-F-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.37		0.031	0.26	UG/M3		0.37
EPD-UW-F-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.011	0.53	UG/M3		0.53 U
EPD-UW-F-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.018	0.39	UG/M3		0.39 U
EPD-UW-F-081823	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.026	0.13	UG/M3		0.14
EPD-UW-F-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.039	0.2	UG/M3		0.20 U
EPD-UW-F-081823	TO-15 SIM	108-88-3	TOLUENE	0.8		0.034	0.28	UG/M3		0.80
EPD-UW-F-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.028	0.59	UG/M3		0.59 U
EPD-UW-F-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.032	0.16	UG/M3		0.16 U
EPD-UW-F-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3		0.038 U
EPD-WA-01-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		0.74	5.6	UG/M3		5.6 U
EPD-WA-01-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19 J		0.094	0.74	UG/M3		0.19 J
EPD-WA-01-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.1	0.91	UG/M3		0.91 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-01-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.094 J		0.086	0.74	UG/M3	0.094 J	
EPD-WA-01-081823	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.048	0.33	UG/M3	0.33 U	
EPD-WA-01-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.16	0.91	UG/M3	0.91 U	
EPD-WA-01-081823	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.2	0.54	UG/M3	0.54 U	
EPD-WA-01-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		0.56	3.5	UG/M3	3.5 U	
EPD-WA-01-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.3 J		0.53	2.2	UG/M3	1.3 J	
EPD-WA-01-081823	TO-15	591-78-6	2-HEXANONE	3.1 U		0.44	3.1	UG/M3	3.1 U	
EPD-WA-01-081823	TO-15	67-63-0	2-PROPANOL	2.2 J		2	7.4	UG/M3	2.2 J	
EPD-WA-01-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	
EPD-WA-01-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.1 J		0.098	0.74	UG/M3	0.10 J	
EPD-WA-01-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.16	0.62	UG/M3	0.62 U	
EPD-WA-01-081823	TO-15	67-64-1	ACETONE	25		1.1	7.2	UG/M3	25 J†	
EPD-WA-01-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.092	0.78	UG/M3	0.78 U	
EPD-WA-01-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.15	1	UG/M3	1.0 U	
EPD-WA-01-081823	TO-15	75-25-2	BROMOFORM	1.6 U		0.2	1.6	UG/M3	1.6 U	
EPD-WA-01-081823	TO-15	74-83-9	BROMOMETHANE	29 U		0.77	29	UG/M3	29 U	
EPD-WA-01-081823	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.48	2.4	UG/M3	2.4 U	
EPD-WA-01-081823	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.078	0.7	UG/M3	0.70 U	
EPD-WA-01-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.11	0.68	UG/M3	0.68 U	
EPD-WA-01-081823	TO-15	98-82-8	CUMENE	0.74 U		0.1	0.74	UG/M3	0.74 U	
EPD-WA-01-081823	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.41	2.6	UG/M3	2.6 U	
EPD-WA-01-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	
EPD-WA-01-081823	TO-15	64-17-5	ETHANOL	3.4 J		2	5.7	UG/M3	3.4 J†	
EPD-WA-01-081823	TO-15	75-69-4	FREON 11	1 J0		0.14	0.85	UG/M3	1.0 J	
EPD-WA-01-081823	TO-15	76-13-1	FREON 113	0.51 J		0.19	1.2	UG/M3	0.51 J	
EPD-WA-01-081823	TO-15	142-82-5	HEPTANE	3.1 U		0.56	3.1	UG/M3	3.1 U	
EPD-WA-01-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.2	8	UG/M3	8.0 U	
EPD-WA-01-081823	TO-15	110-54-3	HEXANE	0.39 J		0.24	2.7	UG/M3	0.39 J	
EPD-WA-01-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.55 J		0.43	1	UG/M3	0.55 J	
EPD-WA-01-081823	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.11	0.74	UG/M3	0.74 U	
EPD-WA-01-081823	TO-15	100-42-5	STYRENE	0.64 U		0.054	0.64	UG/M3	0.64 U	
EPD-WA-01-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.5	2.2	UG/M3	2.2 U	
EPD-WA-01-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.11	0.68	UG/M3	0.68 U	
EPD-WA-01-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.035	0.16	UG/M3	0.16 U	
EPD-WA-01-081823	TO-15 SIM	79-34-5	1,1,1,2-TETRACHLOROETHANE	0.21 U		0.034	0.21	UG/M3	0.21 UJ	
EPD-WA-01-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-01-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-01-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.023	0.06	UG/M3	0.060 U	
EPD-WA-01-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.027	0.23	UG/M3	0.23 U	
EPD-WA-01-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.048 J		0.026	0.12	UG/M3	0.048 J	
EPD-WA-01-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.074	0.18	UG/M3	0.18 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-081823	TO-15 SIM	71-43-2	BENZENE	0.74		0.05	0.24	UG/M3	0.74	
EPD-WA-01-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.039	0.19	UG/M3	0.41	
EPD-WA-01-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.043 J		0.021	0.2	UG/M3	0.043 J	
EPD-WA-01-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.032	0.15	UG/M3	0.10 J	
EPD-WA-01-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.2 J		0.026	1.6	UG/M3	1.2 J	
EPD-WA-01-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.032	0.12	UG/M3	0.12 U	
EPD-WA-01-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.02	0.13	UG/M3	0.10 J	
EPD-WA-01-081823	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.058	0.21	UG/M3	0.14 J	
EPD-WA-01-081823	TO-15 SIM	75-71-8	FREON 12	2.5		0.043	0.37	UG/M3	2.5	
EPD-WA-01-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.032	0.26	UG/M3	0.30	
EPD-WA-01-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.012	0.54	UG/M3	0.54 U	
EPD-WA-01-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.027 J		0.019	0.4	UG/M3	0.027 J	
EPD-WA-01-081823	TO-15 SIM	95-47-6	O-XYLENE	0.16		0.026	0.13	UG/M3	0.16	
EPD-WA-01-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-01-081823	TO-15 SIM	108-88-3	TOLUENE	0.75		0.035	0.28	UG/M3	0.75	
EPD-WA-01-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	2		0.029	0.6	UG/M3	2.0	
EPD-WA-01-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-WA-01-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	
EPD-WA-02-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		0.73	5.5	UG/M3	5.5 U	
EPD-WA-02-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73 U		0.093	0.73	UG/M3	0.73 U	
EPD-WA-02-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9 U		0.099	0.9	UG/M3	0.90 U	
EPD-WA-02-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69 U		0.14	0.69	UG/M3	0.69 U	
EPD-WA-02-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.084	0.73	UG/M3	0.73 U	
EPD-WA-02-081823	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.047	0.33	UG/M3	0.33 U	
EPD-WA-02-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9 U		0.16	0.9	UG/M3	0.90 U	
EPD-WA-02-081823	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.19	0.54	UG/M3	0.54 U	
EPD-WA-02-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		0.55	3.5	UG/M3	3.5 U	
EPD-WA-02-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1 J		0.52	2.2	UG/M3	1.0 J	
EPD-WA-02-081823	TO-15	591-78-6	2-HEXANONE	3 U		0.43	3	UG/M3	3.0 U	
EPD-WA-02-081823	TO-15	67-63-0	2-PROPANOL	7.3 U		2	7.3	UG/M3	7.3 U	
EPD-WA-02-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.64	2.3	UG/M3	2.3 U	
EPD-WA-02-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.097	0.73	UG/M3	0.73 U	
EPD-WA-02-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.16	0.61	UG/M3	0.61 U	
EPD-WA-02-081823	TO-15	67-64-1	ACETONE	16		1.1	7.1	UG/M3	16 J	
EPD-WA-02-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.091	0.77	UG/M3	0.77 U	
EPD-WA-02-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.15	1	UG/M3	1.0 U	
EPD-WA-02-081823	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-WA-02-081823	TO-15	74-83-9	BROMOMETHANE	29 U		0.76	29	UG/M3	29 U	
EPD-WA-02-081823	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.47	2.3	UG/M3	2.3 U	
EPD-WA-02-081823	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.077	0.68	UG/M3	0.68 U	
EPD-WA-02-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.11	0.68	UG/M3	0.68 U	
EPD-WA-02-081823	TO-15	98-82-8	CUMENE	0.73 U		0.1	0.73	UG/M3	0.73 U	
EPD-WA-02-081823	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.4	2.6	UG/M3	2.6 U	
EPD-WA-02-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-081823	TO-15	64-17-5	ETHANOL	3.8 J		2	5.6	UG/M3	3.8 J+	
EPD-WA-02-081823	TO-15	75-69-4	FREON 11	1 J0		0.14	0.84	UG/M3	1.0 J	
EPD-WA-02-081823	TO-15	76-13-1	FREON 113	0.48 J		0.19	1.1	UG/M3	0.48 J	
EPD-WA-02-081823	TO-15	142-82-5	HEPTANE	3 U		0.56	3	UG/M3	3.0 U	
EPD-WA-02-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		1.2	7.9	UG/M3	7.9 U	
EPD-WA-02-081823	TO-15	110-54-3	HEXANE	0.26 J		0.24	2.6	UG/M3	0.26 J	
EPD-WA-02-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.44 J		0.42	1	UG/M3	0.44 J	
EPD-WA-02-081823	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.1	0.73	UG/M3	0.73 U	
EPD-WA-02-081823	TO-15	100-42-5	STYRENE	0.63 U		0.053	0.63	UG/M3	0.63 U	
EPD-WA-02-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.49	2.2	UG/M3	2.2 U	
EPD-WA-02-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.11	0.68	UG/M3	0.68 U	
EPD-WA-02-081823	TO-15	141-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.034	0.16	UG/M3	0.16 U	
EPD-WA-02-081823	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.034	0.2	UG/M3	0.20 U	
EPD-WA-02-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-02-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-WA-02-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.023	0.059	UG/M3	0.059 U	
EPD-WA-02-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.027	0.23	UG/M3	0.23 U	
EPD-WA-02-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.048 J		0.026	0.12	UG/M3	0.048 J	
EPD-WA-02-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.073	0.18	UG/M3	0.18 U	
EPD-WA-02-081823	TO-15 SIM	71-43-2	BENZENE	0.72		0.049	0.24	UG/M3	0.72	
EPD-WA-02-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.038	0.19	UG/M3	0.40	
EPD-WA-02-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	
EPD-WA-02-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.096 J		0.032	0.14	UG/M3	0.096 J	
EPD-WA-02-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.026	1.5	UG/M3	1.1 J+	
EPD-WA-02-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.032	0.12	UG/M3	0.12 U	
EPD-WA-02-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.086 J		0.02	0.13	UG/M3	0.086 J	
EPD-WA-02-081823	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.057	0.21	UG/M3	0.13 J	
EPD-WA-02-081823	TO-15 SIM	75-71-8	FREON 12	2.4		0.042	0.37	UG/M3	2.4	
EPD-WA-02-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24 J		0.032	0.26	UG/M3	0.24 J	
EPD-WA-02-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.011	0.54	UG/M3	0.54 U	
EPD-WA-02-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.018	0.39	UG/M3	0.39 U	
EPD-WA-02-081823	TO-15 SIM	95-47-6	O-XYLENE	0.13 J		0.026	0.13	UG/M3	0.13 J	
EPD-WA-02-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-02-081823	TO-15 SIM	108-88-3	TOLUENE	0.56		0.034	0.28	UG/M3	0.56	
EPD-WA-02-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.028	0.59	UG/M3	0.59 U	
EPD-WA-02-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-WA-02-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	
EPD-WA-03-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-WA-03-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.11 J		0.087	0.69	UG/M3	0.11 J	
EPD-WA-03-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.093	0.84	UG/M3	0.84 U	
EPD-WA-03-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-03-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.079	0.69	UG/M3	0.69 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081823	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.044	0.31	UG/M3	0.31 U	
EPD-WA-03-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.15	0.84	UG/M3	0.84 U	
EPD-WA-03-081823	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.18	0.5	UG/M3	0.50 U	
EPD-WA-03-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.52	3.3	UG/M3	3.3 U	
EPD-WA-03-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.92 J		0.49	2.1	UG/M3	0.92 J	
EPD-WA-03-081823	TO-15	591-78-6	2-HEXANONE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-WA-03-081823	TO-15	67-63-0	2-PROPANOL	6.9 U		1.8	6.9	UG/M3	6.9 U	
EPD-WA-03-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-03-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.69 U		0.091	0.69	UG/M3	0.69 U	
EPD-WA-03-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.51 J		0.15	0.57	UG/M3	0.51 J	
EPD-WA-03-081823	TO-15	67-64-1	ACETONE	13		1	6.6	UG/M3	13 JH	
EPD-WA-03-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.086	0.72	UG/M3	0.72 U	
EPD-WA-03-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.14	0.94	UG/M3	0.94 U	
EPD-WA-03-081823	TO-15	75-25-2	BROMOFORM	1.4 U		0.19	1.4	UG/M3	1.4 U	
EPD-WA-03-081823	TO-15	74-83-9	BROMOMETHANE	27 U		0.71	27	UG/M3	27 U	
EPD-WA-03-081823	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-03-081823	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.072	0.64	UG/M3	0.64 U	
EPD-WA-03-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-03-081823	TO-15	98-82-8	CUMENE	0.69 U		0.095	0.69	UG/M3	0.69 U	
EPD-WA-03-081823	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.38	2.4	UG/M3	2.4 U	
EPD-WA-03-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-WA-03-081823	TO-15	64-17-5	ETHANOL	4.1 J		1.9	5.3	UG/M3	4.1 JH	
EPD-WA-03-081823	TO-15	75-69-4	FREON 11	1 J0		0.13	0.79	UG/M3	1.0 J	
EPD-WA-03-081823	TO-15	76-13-1	FREON 113	0.5 J		0.18	1.1	UG/M3	0.50 J	
EPD-WA-03-081823	TO-15	142-82-5	HEPTANE	2.9 U		0.52	2.9	UG/M3	2.9 U	
EPD-WA-03-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		1.1	7.5	UG/M3	7.5 U	
EPD-WA-03-081823	TO-15	110-54-3	HEXANE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-WA-03-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.42 J		0.4	0.97	UG/M3	0.42 J	
EPD-WA-03-081823	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.098	0.69	UG/M3	0.69 U	
EPD-WA-03-081823	TO-15	100-42-5	STYRENE	0.6 U		0.05	0.6	UG/M3	0.60 U	
EPD-WA-03-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.46	2.1	UG/M3	2.1 U	
EPD-WA-03-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-03-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-081823	TO-15	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.032	0.15	UG/M3	0.15 U	
EPD-WA-03-081823	TO-15	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.032	0.19	UG/M3	0.19 UJ	
EPD-WA-03-081823	TO-15	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-03-081823	TO-15	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-03-081823	TO-15	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.022	0.056	UG/M3	0.056 U	
EPD-WA-03-081823	TO-15	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.025	0.22	UG/M3	0.22 U	
EPD-WA-03-081823	TO-15	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.024	0.11	UG/M3	0.041 J	
EPD-WA-03-081823	TO-15	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.068	0.17	UG/M3	0.17 U	
EPD-WA-03-081823	TO-15	71-43-2	BENZENE	0.58		0.046	0.22	UG/M3	0.58	
EPD-WA-03-081823	TO-15	56-23-5	CARBON TETRACHLORIDE	0.38		0.036	0.18	UG/M3	0.38	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-03-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.087 J		0.03	0.14	UG/M3	0.087 J	
EPD-WA-03-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1 J		0.024	1.4	UG/M3	1.0 J+	
EPD-WA-03-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-WA-03-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.063 J		0.019	0.12	UG/M3	0.063 J	
EPD-WA-03-081823	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.054	0.2	UG/M3	0.13 J	
EPD-WA-03-081823	TO-15 SIM	75-71-8	FREON 12	2.2		0.04	0.35	UG/M3	2.2	
EPD-WA-03-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16 J		0.03	0.24	UG/M3	0.16 J	
EPD-WA-03-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.011	0.5	UG/M3	0.50 U	
EPD-WA-03-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.017	0.37	UG/M3	0.37 U	
EPD-WA-03-081823	TO-15 SIM	95-47-6	O-XYLENE	0.08 J		0.024	0.12	UG/M3	0.080 J	
EPD-WA-03-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19 U		0.037	0.19	UG/M3	0.19 U	
EPD-WA-03-081823	TO-15 SIM	108-88-3	TOLUENE	0.44		0.032	0.26	UG/M3	0.44	
EPD-WA-03-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56 U	
EPD-WA-03-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-WA-03-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-04-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		0.72	5.5	UG/M3	5.5 U	
EPD-WA-04-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.33 J		0.092	0.73	UG/M3	0.33 J	
EPD-WA-04-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.098	0.89	UG/M3	0.89 U	
EPD-WA-04-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-04-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.12 J		0.084	0.73	UG/M3	0.12 J	
EPD-WA-04-081823	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.047	0.33	UG/M3	0.33 U	
EPD-WA-04-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.16	0.89	UG/M3	0.89 U	
EPD-WA-04-081823	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.19	0.53	UG/M3	0.53 U	
EPD-WA-04-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.78 J		0.54	3.4	UG/M3	0.78 J	
EPD-WA-04-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1 J		0.52	2.2	UG/M3	1.1 J	
EPD-WA-04-081823	TO-15	591-78-6	2-HEXANONE	3 U		0.43	3	UG/M3	3.0 U	
EPD-WA-04-081823	TO-15	67-63-0	2-PROPANOL	7.3 U		2	7.3	UG/M3	7.3 U	
EPD-WA-04-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.64	2.3	UG/M3	2.3 U	
EPD-WA-04-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.16 J		0.096	0.73	UG/M3	0.16 J	
EPD-WA-04-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.16	0.61	UG/M3	0.61 U	
EPD-WA-04-081823	TO-15	67-64-1	ACETONE	13		1.1	7	UG/M3	13 J+	
EPD-WA-04-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.091	0.77	UG/M3	0.77 U	
EPD-WA-04-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.15	0.99	UG/M3	0.99 U	
EPD-WA-04-081823	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-WA-04-081823	TO-15	74-83-9	BROMOMETHANE	29 U		0.76	29	UG/M3	29 U	
EPD-WA-04-081823	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.47	2.3	UG/M3	2.3 U	
EPD-WA-04-081823	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.076	0.68	UG/M3	0.68 U	
EPD-WA-04-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.11	0.67	UG/M3	0.67 U	
EPD-WA-04-081823	TO-15	98-82-8	CUMENE	0.73 U		0.1	0.73	UG/M3	0.73 U	
EPD-WA-04-081823	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.4	2.5	UG/M3	2.5 U	
EPD-WA-04-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	
EPD-WA-04-081823	TO-15	64-17-5	ETHANOL	4.2 J		2	5.6	UG/M3	4.2 J+	
EPD-WA-04-081823	TO-15	75-69-4	FREON 11	1 J0		0.14	0.83	UG/M3	1.0 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-081823	TO-15	76-13-1	FREON 113	0.47 J		0.19	1.1	UG/M3	0.47 J	
EPD-WA-04-081823	TO-15	142-82-5	HEPTANE	0.67 J		0.55	3	UG/M3	0.67 J†	
EPD-WA-04-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		1.2	7.9	UG/M3	7.9 U	
EPD-WA-04-081823	TO-15	110-54-3	HEXANE	0.89 J		0.24	2.6	UG/M3	0.89 J	
EPD-WA-04-081823	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.42	1	UG/M3	1.0 U	
EPD-WA-04-081823	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.1	0.73	UG/M3	0.73 U	
EPD-WA-04-081823	TO-15	100-42-5	STYRENE	0.63 U		0.052	0.63	UG/M3	0.63 U	
EPD-WA-04-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.48	2.2	UG/M3	2.2 U	
EPD-WA-04-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.11	0.67	UG/M3	0.67 U	
EPD-WA-04-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.034	0.16	UG/M3	0.16 U	
EPD-WA-04-081823	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.033	0.2	UG/M3	0.20 UJ	
EPD-WA-04-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-04-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-WA-04-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.023	0.059	UG/M3	0.059 U	
EPD-WA-04-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.027	0.23	UG/M3	0.23 U	
EPD-WA-04-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.047 J		0.026	0.12	UG/M3	0.047 J	
EPD-WA-04-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.072	0.18	UG/M3	0.18 U	
EPD-WA-04-081823	TO-15 SIM	71-43-2	BENZENE	1.6		0.048	0.24	UG/M3	1.6	
EPD-WA-04-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.038	0.19	UG/M3	0.40	
EPD-WA-04-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	
EPD-WA-04-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.031	0.14	UG/M3	0.10 J	
EPD-WA-04-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.025	1.5	UG/M3	1.1 J†	
EPD-WA-04-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.031	0.12	UG/M3	0.12 U	
EPD-WA-04-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.28		0.02	0.13	UG/M3	0.28	
EPD-WA-04-081823	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.057	0.21	UG/M3	0.13 J	
EPD-WA-04-081823	TO-15 SIM	75-71-8	FREON 12	2.4		0.042	0.36	UG/M3	2.4	
EPD-WA-04-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.84		0.031	0.26	UG/M3	0.84	
EPD-WA-04-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.011	0.53	UG/M3	0.53 U	
EPD-WA-04-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.018	0.39	UG/M3	0.39 U	
EPD-WA-04-081823	TO-15 SIM	95-47-6	O-XYLENE	0.36		0.026	0.13	UG/M3	0.36	
EPD-WA-04-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.039	0.2	UG/M3	0.20 U	
EPD-WA-04-081823	TO-15 SIM	108-88-3	TOLUENE	1.4		0.034	0.28	UG/M3	1.4	
EPD-WA-04-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.028	0.59	UG/M3	0.59 U	
EPD-WA-04-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-WA-04-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	
EPD-WA-05-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-WA-05-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69 U		0.087	0.69	UG/M3	0.69 U	
EPD-WA-05-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.093	0.84	UG/M3	0.84 U	
EPD-WA-05-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-05-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.079	0.69	UG/M3	0.69 U	
EPD-WA-05-081823	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.044	0.31	UG/M3	0.31 U	
EPD-WA-05-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.15	0.84	UG/M3	0.84 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081823	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.18	0.5	UG/M3	0.50 U	
EPD-WA-05-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.52	3.3	UG/M3	3.3 U	
EPD-WA-05-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.93 J		0.49	2.1	UG/M3	0.93 J	
EPD-WA-05-081823	TO-15	591-78-6	2-HEXANONE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-WA-05-081823	TO-15	67-63-0	2-PROPANOL	6.9 U		1.8	6.9	UG/M3	6.9 U	
EPD-WA-05-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-05-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.099 J		0.091	0.69	UG/M3	0.099 J	
EPD-WA-05-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.15	0.57	UG/M3	0.57 U	
EPD-WA-05-081823	TO-15	67-64-1	ACETONE	12		1	6.6	UG/M3	12 J+	
EPD-WA-05-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.086	0.72	UG/M3	0.72 U	
EPD-WA-05-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.14	0.94	UG/M3	0.94 U	
EPD-WA-05-081823	TO-15	75-25-2	BROMOFORM	1.4 U		0.19	1.4	UG/M3	1.4 U	
EPD-WA-05-081823	TO-15	74-83-9	BROMOMETHANE	27 U		0.71	27	UG/M3	27 U	
EPD-WA-05-081823	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-05-081823	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.072	0.64	UG/M3	0.64 U	
EPD-WA-05-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-05-081823	TO-15	98-82-8	CUMENE	0.69 U		0.095	0.69	UG/M3	0.69 U	
EPD-WA-05-081823	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.38	2.4	UG/M3	2.4 U	
EPD-WA-05-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-WA-05-081823	TO-15	64-17-5	ETHANOL	4.2 J		1.9	5.3	UG/M3	4.2 J+	
EPD-WA-05-081823	TO-15	75-69-4	FREON 11	1 J0		0.13	0.79	UG/M3	1.0 J	
EPD-WA-05-081823	TO-15	76-13-1	FREON 113	0.51 J		0.18	1.1	UG/M3	0.51 J	
EPD-WA-05-081823	TO-15	142-82-5	HEPTANE	2.9 U		0.52	2.9	UG/M3	2.9 U	
EPD-WA-05-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		1.1	7.5	UG/M3	7.5 U	
EPD-WA-05-081823	TO-15	110-54-3	HEXANE	0.29 J		0.22	2.5	UG/M3	0.29 J	
EPD-WA-05-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.82 J		0.4	0.97	UG/M3	0.82 J	
EPD-WA-05-081823	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.098	0.69	UG/M3	0.69 U	
EPD-WA-05-081823	TO-15	100-42-5	STYRENE	0.6 U		0.05	0.6	UG/M3	0.60 U	
EPD-WA-05-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.46	2.1	UG/M3	2.1 U	
EPD-WA-05-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-05-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID , BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.032	0.15	UG/M3	0.15 U	
EPD-WA-05-081823	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.032	0.19	UG/M3	0.19 UJ	
EPD-WA-05-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.019	0.15	UG/M3	0.15 U	
EPD-WA-05-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-05-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.022	0.056	UG/M3	0.056 U	
EPD-WA-05-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.025	0.22	UG/M3	0.22 U	
EPD-WA-05-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.051 J		0.024	0.11	UG/M3	0.051 J	
EPD-WA-05-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.068	0.17	UG/M3	0.17 U	
EPD-WA-05-081823	TO-15 SIM	71-43-2	BENZENE	0.73		0.046	0.22	UG/M3	0.73	
EPD-WA-05-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.036	0.18	UG/M3	0.40	
EPD-WA-05-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-05-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.097 J		0.03	0.14	UG/M3	0.097 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.024	1.4	UG/M3	1.1 J†	
EPD-WA-05-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.03	0.11	UG/M3	0.11 U	
EPD-WA-05-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.019	0.12	UG/M3	0.10 J	
EPD-WA-05-081823	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.054	0.2	UG/M3	0.14 J	
EPD-WA-05-081823	TO-15 SIM	75-71-8	FREON 12	2.4		0.04	0.35	UG/M3	2.4	
EPD-WA-05-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.31		0.03	0.24	UG/M3	0.31	
EPD-WA-05-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.011	0.5	UG/M3	0.50 U	
EPD-WA-05-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.017	0.37	UG/M3	0.37 U	
EPD-WA-05-081823	TO-15 SIM	95-47-6	O-XYLENE	0.12		0.024	0.12	UG/M3	0.12	
EPD-WA-05-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.038 J		0.037	0.19	UG/M3	0.038 J	
EPD-WA-05-081823	TO-15 SIM	108-88-3	TOLUENE	0.89		0.032	0.26	UG/M3	0.89	
EPD-WA-05-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56 U	
EPD-WA-05-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.031	0.15	UG/M3	0.15 U	
EPD-WA-05-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-06-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		0.71	5.4	UG/M3	5.4 U	
EPD-WA-06-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72 U		0.091	0.72	UG/M3	0.72 U	
EPD-WA-06-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.097	0.88	UG/M3	0.88 U	
EPD-WA-06-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.13	0.67	UG/M3	0.67 U	
EPD-WA-06-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72 U		0.083	0.72	UG/M3	0.72 U	
EPD-WA-06-081823	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.046	0.32	UG/M3	0.32 U	
EPD-WA-06-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.16	0.88	UG/M3	0.88 U	
EPD-WA-06-081823	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.19	0.53	UG/M3	0.53 U	
EPD-WA-06-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.54	3.4	UG/M3	3.4 U	
EPD-WA-06-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.4		0.52	2.2	UG/M3	2.4	
EPD-WA-06-081823	TO-15	591-78-6	2-HEXANONE	3 U		0.42	3	UG/M3	3.0 U	
EPD-WA-06-081823	TO-15	67-63-0	2-PROPANOL	7.2 U		1.9	7.2	UG/M3	7.2 U	
EPD-WA-06-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.63	2.3	UG/M3	2.3 U	
EPD-WA-06-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.72 U		0.095	0.72	UG/M3	0.72 U	
EPD-WA-06-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6 U		0.16	0.6	UG/M3	0.60 U	
EPD-WA-06-081823	TO-15	67-64-1	ACETONE	23		1	6.9	UG/M3	23 J†	
EPD-WA-06-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.089	0.76	UG/M3	0.76 U	
EPD-WA-06-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.14	0.98	UG/M3	0.98 U	
EPD-WA-06-081823	TO-15	75-25-2	BROMOFORM	1.5 U		0.2	1.5	UG/M3	1.5 U	
EPD-WA-06-081823	TO-15	74-83-9	BROMOMETHANE	28 U		0.74	28	UG/M3	28 U	
EPD-WA-06-081823	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.46	2.3	UG/M3	2.3 U	
EPD-WA-06-081823	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.075	0.67	UG/M3	0.67 U	
EPD-WA-06-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-06-081823	TO-15	98-82-8	CUMENE	0.72 U		0.099	0.72	UG/M3	0.72 U	
EPD-WA-06-081823	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.4	2.5	UG/M3	2.5 U	
EPD-WA-06-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.13	1.2	UG/M3	1.2 U	
EPD-WA-06-081823	TO-15	64-17-5	ETHANOL	4.4 J		2	5.5	UG/M3	4.4 J†	
EPD-WA-06-081823	TO-15	75-69-4	FREON 11	1 J0		0.14	0.82	UG/M3	1.0 J	
EPD-WA-06-081823	TO-15	76-13-1	FREON 113	0.44 J		0.18	1.1	UG/M3	0.44 J	
EPD-WA-06-081823	TO-15	142-82-5	HEPTANE	3 U		0.55	3	UG/M3	3.0 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		1.2	7.8	UG/M3	7.8 U	
EPD-WA-06-081823	TO-15	110-54-3	HEXANE	0.25 J		0.23	2.6	UG/M3	0.25 J	
EPD-WA-06-081823	TO-15	75-09-2	METHYLENE CHLORIDE	0.48 J		0.42	1	UG/M3	0.48 J	
EPD-WA-06-081823	TO-15	103-65-1	PROPYLENE BENZENE	0.72 U		0.1	0.72	UG/M3	0.72 U	
EPD-WA-06-081823	TO-15	100-42-5	STYRENE	0.62 U		0.052	0.62	UG/M3	0.62 U	
EPD-WA-06-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.48	2.2	UG/M3	2.2 U	
EPD-WA-06-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-06-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-081823	TO-15	NA	UNKNOWN TIC	0.97 J				PPBV	0.97 J	
EPD-WA-06-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.034	0.16	UG/M3	0.16 U	
EPD-WA-06-081823	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.033	0.2	UG/M3	0.20 UJ	
EPD-WA-06-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-06-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-WA-06-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.022	0.058	UG/M3	0.058 U	
EPD-WA-06-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.026	0.22	UG/M3	0.22 U	
EPD-WA-06-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.025	0.12	UG/M3	0.045 J	
EPD-WA-06-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.071	0.18	UG/M3	0.18 U	
EPD-WA-06-081823	TO-15 SIM	71-43-2	BENZENE	0.65		0.048	0.23	UG/M3	0.65	
EPD-WA-06-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.038	0.18	UG/M3	0.40	
EPD-WA-06-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-WA-06-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.095 J		0.031	0.14	UG/M3	0.095 J	
EPD-WA-06-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.025	1.5	UG/M3	1.1 J+	
EPD-WA-06-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.031	0.12	UG/M3	0.12 U	
EPD-WA-06-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.086 J		0.02	0.13	UG/M3	0.086 J	
EPD-WA-06-081823	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.056	0.2	UG/M3	0.14 J	
EPD-WA-06-081823	TO-15 SIM	75-71-8	FREON 12	2.4		0.041	0.36	UG/M3	2.4	
EPD-WA-06-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.25		0.031	0.25	UG/M3	0.25	
EPD-WA-06-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.011	0.53	UG/M3	0.53 U	
EPD-WA-06-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.018	0.38	UG/M3	0.38 U	
EPD-WA-06-081823	TO-15 SIM	95-47-6	O-XYLENE	0.097 J		0.026	0.13	UG/M3	0.097 J	
EPD-WA-06-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.039	0.2	UG/M3	0.20 U	
EPD-WA-06-081823	TO-15 SIM	108-88-3	TOLUENE	0.54		0.034	0.28	UG/M3	0.54	
EPD-WA-06-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.028	0.58	UG/M3	0.58 U	
EPD-WA-06-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-WA-06-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.016	0.037	UG/M3	0.037 U	
EPD-WA-44-081823	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		0.74	5.6	UG/M3	5.6 U	
EPD-WA-44-081823	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.37 J		0.095	0.75	UG/M3	0.37 J	
EPD-WA-44-081823	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.1	0.91	UG/M3	0.91 U	
EPD-WA-44-081823	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-44-081823	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.13 J		0.086	0.75	UG/M3	0.13 J	
EPD-WA-44-081823	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.048	0.34	UG/M3	0.34 U	
EPD-WA-44-081823	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.17	0.91	UG/M3	0.91 U	
EPD-WA-44-081823	TO-15	123-91-1	1,4-DIOXANE	0.23 J		0.2	0.55	UG/M3	0.23 J+	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-081823	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.72 J		0.56	3.6	UG/M3	0.72 J	
EPD-WA-44-081823	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2 J		0.54	2.2	UG/M3	1.2 J	
EPD-WA-44-081823	TO-15	591-78-6	2-HEXANONE	3.1 U		0.44	3.1	UG/M3	3.1 U	
EPD-WA-44-081823	TO-15	67-63-0	2-PROPANOL	7.5 U		2	7.5	UG/M3	7.5 U	
EPD-WA-44-081823	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	
EPD-WA-44-081823	TO-15	622-96-8	4-ETHYLTOLUENE	0.39 J		0.099	0.75	UG/M3	0.39 J	
EPD-WA-44-081823	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.17	0.62	UG/M3	0.62 U	
EPD-WA-44-081823	TO-15	67-64-1	ACETONE	13		1.1	7.2	UG/M3	13 J+	
EPD-WA-44-081823	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79 U		0.093	0.79	UG/M3	0.79 U	
EPD-WA-44-081823	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.15	1	UG/M3	1.0 U	
EPD-WA-44-081823	TO-15	75-25-2	BROMOFORM	1.6 U		0.21	1.6	UG/M3	1.6 U	
EPD-WA-44-081823	TO-15	74-83-9	BROMOMETHANE	30 U		0.78	30	UG/M3	30 U	
EPD-WA-44-081823	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.48	2.4	UG/M3	2.4 U	
EPD-WA-44-081823	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.078	0.7	UG/M3	0.70 U	
EPD-WA-44-081823	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69 U		0.11	0.69	UG/M3	0.69 U	
EPD-WA-44-081823	TO-15	98-82-8	CUMENE	0.75 U		0.1	0.75	UG/M3	0.75 U	
EPD-WA-44-081823	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.41	2.6	UG/M3	2.6 U	
EPD-WA-44-081823	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.14	1.3	UG/M3	1.3 U	
EPD-WA-44-081823	TO-15	64-17-5	ETHANOL	6		2.1	5.7	UG/M3	6 J+	
EPD-WA-44-081823	TO-15	75-69-4	FREON 11	1.10		0.14	0.85	UG/M3	1.0 J	
EPD-WA-44-081823	TO-15	76-13-1	FREON 113	0.56 J		0.19	1.2	UG/M3	0.56 J	
EPD-WA-44-081823	TO-15	142-82-5	HEPTANE	3.1 U		0.57	3.1	UG/M3	3.1 U	
EPD-WA-44-081823	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1 U		1.2	8.1	UG/M3	8.1 U	
EPD-WA-44-081823	TO-15	110-54-3	HEXANE	0.82 J		0.24	2.7	UG/M3	0.82 J	
EPD-WA-44-081823	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.43	1	UG/M3	1.0 U	
EPD-WA-44-081823	TO-15	103-65-1	PROPYLENE	0.75 U		0.11	0.75	UG/M3	0.75 U	
EPD-WA-44-081823	TO-15	100-42-5	STYRENE	0.65 U		0.054	0.65	UG/M3	0.65 U	
EPD-WA-44-081823	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.5	2.2	UG/M3	2.2 U	
EPD-WA-44-081823	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69 U		0.11	0.69	UG/M3	0.69 U	
EPD-WA-44-081823	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-44-081823	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID, BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-44-081823	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.035	0.16	UG/M3	0.16 U	
EPD-WA-44-081823	TO-15 SIM	79-34-5	1,1,1,2,2-TETRACHLOROETHANE	0.21 U		0.034	0.21	UG/M3	0.21 UJ	
EPD-WA-44-081823	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-44-081823	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-44-081823	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.024	0.06	UG/M3	0.060 U	
EPD-WA-44-081823	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.028	0.23	UG/M3	0.23 U	
EPD-WA-44-081823	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.026	0.12	UG/M3	0.046 J	
EPD-WA-44-081823	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.074	0.18	UG/M3	0.18 U	
EPD-WA-44-081823	TO-15 SIM	71-43-2	BENZENE	1.6		0.05	0.24	UG/M3	1.6	
EPD-WA-44-081823	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.039	0.19	UG/M3	0.40	
EPD-WA-44-081823	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.021	0.2	UG/M3	0.20 U	
EPD-WA-44-081823	TO-15 SIM	67-66-3	CHLOROFORM	0.099 J		0.032	0.15	UG/M3	0.099 J	
EPD-WA-44-081823	TO-15 SIM	74-87-3	CHLOROMETHANE	1.1 J		0.026	1.6	UG/M3	1.1 J+	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308410

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-081823	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.032	0.12	UG/M3	0.12 U	
EPD-WA-44-081823	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.02	0.13	UG/M3	0.25	
EPD-WA-44-081823	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.059	0.21	UG/M3	0.13 J	
EPD-WA-44-081823	TO-15 SIM	75-71-8	FREON 12	2.4		0.043	0.38	UG/M3	2.4	
EPD-WA-44-081823	TO-15 SIM	179601-23-1	M,P-XYLENE	0.76		0.032	0.26	UG/M3	0.76	
EPD-WA-44-081823	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55 U		0.012	0.55	UG/M3	0.55 U	
EPD-WA-44-081823	TO-15 SIM	91-20-3	NAPHTHALENE	0.4 U		0.019	0.4	UG/M3	0.40 U	
EPD-WA-44-081823	TO-15 SIM	95-47-6	O-XYLENE	0.33		0.027	0.13	UG/M3	0.33	
EPD-WA-44-081823	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.04	0.21	UG/M3	0.21 U	
EPD-WA-44-081823	TO-15 SIM	108-88-3	TOLUENE	1.4		0.035	0.29	UG/M3	1.4	
EPD-WA-44-081823	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6 U		0.029	0.6	UG/M3	0.60 U	
EPD-WA-44-081823	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.033	0.16	UG/M3	0.16 U	
EPD-WA-44-081823	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.017	0.039	UG/M3	0.039 U	