



November 20, 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

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**Subject: Data Validation Report  
E Palestine Site - ER  
EPA Contract No.: 68HE0519D0005  
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201  
Document Tracking No. 2200**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 36 air samples (including 4 field duplicate samples) collected at the E Palestine site. The samples were collected on September 19 to 22, 2023, and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on September 24, 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,

Celina Barnett-Cashman  
Digitally signed by Celina Barnett-Cashman  
Date: 2023.11.20 18:12:34 -06'00'

Environmental Chemist

Enclosure

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

**ATTACHMENT**

**DATA VALIDATION REPORT  
EUROFINS AIR TOXICS, LLC REPORT NOS. 2309336, 2309373,  
2309416 AND 2309442**

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

<b>Site Name</b>	E Palestine Site - ER	<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	2200a		
<b>Laboratory Report No.</b>	2309336	<b>Laboratory</b>	Eurofins Air Toxics, LLC – Folsom, CA
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
<b>Samples and Matrix</b>	Nine air samples including one field duplicate pair		
<b>Collection Date(s)</b>	09/19/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-03-091923/EPD-WA-33-091923		
<b>Field QC Blanks</b>	None		

**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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	Laboratory control sample/laboratory control sample duplicate relative percent differences (RPD) and chain-of-custody (COC) form were not provided in the Level I laboratory report. The laboratory provided the RPDs and COC form 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 SIM (2309336-10B): 1,2-Dibromoethane, m,p-xylene, and toluene were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All 1,2-dibromoethane sample results were nondetect and all m,p-xylene and toluene sample results were greater than ten times the blank value; therefore, no qualifications were necessary.

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
Y	

**MS/MSDs:**

Within Criteria	Exceedance/Notes
NA	

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

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
NA	

**Field duplicates:**

Within Criteria	Exceedance/Notes
Y	

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2309336-12A/2309336-12AA): The average percent recovery of 3-chloropropene exceeded the site-specific QAPP acceptance criteria. All 3-chloropropene sample results were nondetect; therefore, no qualifications were applied. The average LCS/LCSD percent recovery for hexachlorobutadiene was below the site-specific QAPP acceptance criteria. The associated sample results were nondetect and qualified as estimated (flagged UJ).</p> <p>TO-15 SIM (2309336-12B/2309336-12BB): The percent recoveries of 1,4-dichlorobenzene were below the site-specific QAPP acceptance criteria in the LCS and LCSD. All 1,4-dichlorobenzene sample results were nondetect; therefore, the results were qualified as estimated (flagged UJ).</p>

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.36 to 1.57. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

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

**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 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).

**Other [Continuing Calibration]:**

Within Criteria	Exceedance/Notes
N	CCV 2309336-11B had low percent recovery of 1,4-dichlorobenzene. All 1,4-dichlorobenzene sample results were qualified as estimated (flagged UJ).

## 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. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1	5	UG/M3	5.0	U
EPD-DW-D-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.48	J	0.14	0.67	UG/M3	0.48	J
EPD-DW-D-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82	U	0.18	0.82	UG/M3	0.82	U
EPD-DW-D-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63	U	0.18	0.63	UG/M3	0.63	U
EPD-DW-D-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.19	J	0.12	0.67	UG/M3	0.19	J
EPD-DW-D-091923	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.052	0.3	UG/M3	0.30	U
EPD-DW-D-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82	U	0.12	0.82	UG/M3	0.82	U
EPD-DW-D-091923	TO-15	123-91-1	1,4-DIOXANE	0.49	U	0.13	0.49	UG/M3	0.49	U
EPD-DW-D-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.52	J	0.26	3.2	UG/M3	0.52	J
EPD-DW-D-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.46	J	0.19	2	UG/M3	0.46	J
EPD-DW-D-091923	TO-15	591-78-6	2-HEXANONE	2.8	U	0.43	2.8	UG/M3	2.8	U
EPD-DW-D-091923	TO-15	67-63-0	2-PROPANOL	6.7	U	0.31	6.7	UG/M3	6.7	U
EPD-DW-D-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.23	2.1	UG/M3	2.1	U
EPD-DW-D-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.46	J	0.17	0.67	UG/M3	0.46	J
EPD-DW-D-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.21	J	0.18	0.56	UG/M3	0.21	J
EPD-DW-D-091923	TO-15	67-64-1	ACETONE	5.2	J	0.94	6.5	UG/M3	5.2	J
EPD-DW-D-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7	U	0.12	0.7	UG/M3	0.70	U
EPD-DW-D-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.91	U	0.12	0.91	UG/M3	0.91	U
EPD-DW-D-091923	TO-15	75-25-2	BROMOFORM	1.4	U	0.21	1.4	UG/M3	1.4	U
EPD-DW-D-091923	TO-15	74-83-9	BROMOMETHANE	26	U	1.1	26	UG/M3	26	U
EPD-DW-D-091923	TO-15	75-15-0	CARBON DISULFIDE	0.58	J	0.57	2.1	UG/M3	0.58	J
EPD-DW-D-091923	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.05	0.63	UG/M3	0.63	U
EPD-DW-D-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.096	0.62	UG/M3	0.62	U
EPD-DW-D-091923	TO-15	98-82-8	CUMENE	0.67	U	0.085	0.67	UG/M3	0.67	U
EPD-DW-D-091923	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.22	2.3	UG/M3	2.3	U
EPD-DW-D-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.14	1.2	UG/M3	1.2	U
EPD-DW-D-091923	TO-15	64-17-5	ETHANOL	2.1	J	0.4	5.1	UG/M3	2.1	J
EPD-DW-D-091923	TO-15	75-69-4	FREON 11	1		0.12	0.76	UG/M3	1.0	
EPD-DW-D-091923	TO-15	76-13-1	FREON 113	0.41	J	0.17	1	UG/M3	0.41	J
EPD-DW-D-091923	TO-15	142-82-5	HEPTANE	0.38	J	0.21	2.8	UG/M3	0.38	J
EPD-DW-D-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2	U	1.7	7.2	UG/M3	7.2	UJ
EPD-DW-D-091923	TO-15	110-54-3	HEXANE	0.61	J	0.21	2.4	UG/M3	0.61	J
EPD-DW-D-091923	TO-15	75-09-2	METHYLENE CHLORIDE	0.94	U	0.85	0.94	UG/M3	0.94	U
EPD-DW-D-091923	TO-15	103-65-1	PROPYLBENZENE	0.17	J	0.13	0.67	UG/M3	0.17	J
EPD-DW-D-091923	TO-15	100-42-5	STYRENE	0.58	U	0.12	0.58	UG/M3	0.58	U
EPD-DW-D-091923	TO-15	109-99-9	TETRAHYDROFURAN	0.49	J	0.41	2	UG/M3	0.49	J
EPD-DW-D-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.15	0.62	UG/M3	0.62	U
EPD-DW-D-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-D-091923	TO-15	106-97-8	BUTANE	0.7	NJ			PPBV	0.70	NJ



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	0.91	NJ			PPBV	0.91	NJ
EPD-DW-D-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-D-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-DW-D-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.051	0.19	UG/M3	0.19	U
EPD-DW-D-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0085	0.15	UG/M3	0.15	U
EPD-DW-D-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.012	0.11	UG/M3	0.11	U
EPD-DW-D-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.011	0.054	UG/M3	0.054	U
EPD-DW-D-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.013	0.21	UG/M3	0.21	U
EPD-DW-D-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034	J	0.01	0.11	UG/M3	0.034	J
EPD-DW-D-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	UJ	0.082	0.16	UG/M3	0.16	UJ
EPD-DW-D-091923	TO-15 SIM	71-43-2	BENZENE	0.97		0.018	0.22	UG/M3	0.97	
EPD-DW-D-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0074	0.17	UG/M3	0.38	
EPD-DW-D-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.032	0.18	UG/M3	0.18	U
EPD-DW-D-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.0081	0.13	UG/M3	0.10	J
EPD-DW-D-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63	J	0.2	1.4	UG/M3	0.63	J
EPD-DW-D-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0077	0.11	UG/M3	0.11	U
EPD-DW-D-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.0059	0.12	UG/M3	0.25	
EPD-DW-D-091923	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.011	0.19	UG/M3	0.093	J
EPD-DW-D-091923	TO-15 SIM	75-71-8	FREON 12	1.8		0.0084	0.34	UG/M3	1.8	
EPD-DW-D-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.92		0.012	0.24	UG/M3	0.92	
EPD-DW-D-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.0061	0.49	UG/M3	0.49	U
EPD-DW-D-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.093	0.36	UG/M3	0.13	J
EPD-DW-D-091923	TO-15 SIM	95-47-6	O-XYLENE	0.35		0.017	0.12	UG/M3	0.35	
EPD-DW-D-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.082	J	0.012	0.18	UG/M3	0.082	J
EPD-DW-D-091923	TO-15 SIM	108-88-3	TOLUENE	1.3		0.012	0.26	UG/M3	1.3	
EPD-DW-D-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.54	U	0.0088	0.54	UG/M3	0.54	U
EPD-DW-D-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.024	J	0.016	0.15	UG/M3	0.024	J
EPD-DW-D-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.0052	0.035	UG/M3	0.035	U
EPD-UW-H-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.1	5.3	UG/M3	5.3	U
EPD-UW-H-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76		0.14	0.71	UG/M3	0.76	
EPD-UW-H-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.19	0.86	UG/M3	0.86	U
EPD-UW-H-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.19	0.66	UG/M3	0.66	U
EPD-UW-H-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.3	J	0.13	0.71	UG/M3	0.30	J
EPD-UW-H-091923	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.056	0.32	UG/M3	0.32	U
EPD-UW-H-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.13	0.86	UG/M3	0.86	U
EPD-UW-H-091923	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.14	0.52	UG/M3	0.52	U
EPD-UW-H-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	1	J	0.27	3.4	UG/M3	1.0	J
EPD-UW-H-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.21	J	0.2	2.1	UG/M3	0.21	J
EPD-UW-H-091923	TO-15	591-78-6	2-HEXANONE	2.9	U	0.45	2.9	UG/M3	2.9	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-091923	TO-15	67-63-0	2-PROPANOL	7.1 U		0.32	7.1	UG/M3	7.1 U	
EPD-UW-H-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.25	2.2	UG/M3	2.2 U	
EPD-UW-H-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.32 J		0.18	0.71	UG/M3	0.32 J	
EPD-UW-H-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.19	0.59	UG/M3	0.59 U	
EPD-UW-H-091923	TO-15	67-64-1	ACETONE	3.3 J		1	6.8	UG/M3	3.3 J	
EPD-UW-H-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-UW-H-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-UW-H-091923	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-UW-H-091923	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-UW-H-091923	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-UW-H-091923	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.052	0.66	UG/M3	0.66 U	
EPD-UW-H-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.1	0.65	UG/M3	0.65 U	
EPD-UW-H-091923	TO-15	98-82-8	CUMENE	0.094 J		0.09	0.71	UG/M3	0.094 J	
EPD-UW-H-091923	TO-15	110-82-7	CYCLOHEXANE	0.85 J		0.24	2.5	UG/M3	0.85 J	
EPD-UW-H-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-UW-H-091923	TO-15	64-17-5	ETHANOL	3.4 J		0.42	5.4	UG/M3	3.4 J	
EPD-UW-H-091923	TO-15	75-69-4	FREON 11	1		0.13	0.81	UG/M3	1.0	
EPD-UW-H-091923	TO-15	76-13-1	FREON 113	0.5 J		0.18	1.1	UG/M3	0.50 J	
EPD-UW-H-091923	TO-15	142-82-5	HEPTANE	1.1 J		0.22	3	UG/M3	1.1 J	
EPD-UW-H-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		1.8	7.7	UG/M3	7.7 UJ	
EPD-UW-H-091923	TO-15	110-54-3	HEXANE	1.7 J		0.22	2.5	UG/M3	1.7 J	
EPD-UW-H-091923	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.9	1	UG/M3	1.0 U	
EPD-UW-H-091923	TO-15	103-65-1	PROPYLBENZENE	0.19 J		0.14	0.71	UG/M3	0.19 J	
EPD-UW-H-091923	TO-15	100-42-5	STYRENE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-UW-H-091923	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.44	2.1	UG/M3	2.1 U	
EPD-UW-H-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.16	0.65	UG/M3	0.65 U	
EPD-UW-H-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-H-091923	TO-15	106-97-8	BUTANE	3.3 NJ				PPBV	3.3 NJ	
EPD-UW-H-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	3 NJ				PPBV	3.0 NJ	
EPD-UW-H-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-H-091923	TO-15	96-37-7	CYCLOPENTANE, METHYL-	0.73 NJ				PPBV	0.73 NJ	
EPD-UW-H-091923	TO-15	75-28-5	ISOBUTANE	0.79 NJ				PPBV	0.79 NJ	
EPD-UW-H-091923	TO-15	109-66-0	PENTANE	1.6 NJ				PPBV	1.6 NJ	
EPD-UW-H-091923	TO-15	107-83-5	PENTANE, 2-METHYL-	0.79 NJ				PPBV	0.79 NJ	
EPD-UW-H-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-UW-H-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.054	0.2	UG/M3	0.20 U	
EPD-UW-H-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.009	0.16	UG/M3	0.16 U	
EPD-UW-H-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-UW-H-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.011	0.057	UG/M3	0.057 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-UW-H-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032 J		0.011	0.12	UG/M3	0.032 J	
EPD-UW-H-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.086	0.17	UG/M3	0.17 UJ	
EPD-UW-H-091923	TO-15 SIM	71-43-2	BENZENE	1.3		0.019	0.23	UG/M3	1.3	
EPD-UW-H-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0079	0.18	UG/M3	0.38	
EPD-UW-H-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.034	0.19	UG/M3	0.19 U	
EPD-UW-H-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.0086	0.14	UG/M3	0.10 J	
EPD-UW-H-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.58 J		0.21	1.5	UG/M3	0.58 J	
EPD-UW-H-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0082	0.11	UG/M3	0.11 U	
EPD-UW-H-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.46		0.0062	0.12	UG/M3	0.46	
EPD-UW-H-091923	TO-15 SIM	76-14-2	FREON 114	0.095 J		0.012	0.2	UG/M3	0.095 J	
EPD-UW-H-091923	TO-15 SIM	75-71-8	FREON 12	1.8		0.0089	0.36	UG/M3	1.8	
EPD-UW-H-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	1.5		0.013	0.25	UG/M3	1.5	
EPD-UW-H-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.0064	0.52	UG/M3	0.52 U	
EPD-UW-H-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.11 J		0.098	0.38	UG/M3	0.11 J	
EPD-UW-H-091923	TO-15 SIM	95-47-6	O-XYLENE	0.59		0.018	0.12	UG/M3	0.59	
EPD-UW-H-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.073 J		0.013	0.2	UG/M3	0.073 J	
EPD-UW-H-091923	TO-15 SIM	108-88-3	TOLUENE	2.3		0.012	0.27	UG/M3	2.3	
EPD-UW-H-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.0093	0.57	UG/M3	0.57 U	
EPD-UW-H-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.017	0.15	UG/M3	0.15 U	
EPD-UW-H-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.0055	0.037	UG/M3	0.037 U	
EPD-WA-01-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		1.1	5.5	UG/M3	5.5 U	
EPD-WA-01-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.45 J		0.15	0.73	UG/M3	0.45 J	
EPD-WA-01-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89 U		0.2	0.89	UG/M3	0.89 U	
EPD-WA-01-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-WA-01-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.17 J		0.13	0.73	UG/M3	0.17 J	
EPD-WA-01-091923	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.057	0.33	UG/M3	0.33 U	
EPD-WA-01-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89 U		0.13	0.89	UG/M3	0.89 U	
EPD-WA-01-091923	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.14	0.53	UG/M3	0.53 U	
EPD-WA-01-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.41 J		0.28	3.4	UG/M3	0.41 J	
EPD-WA-01-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2 U		0.2	2.2	UG/M3	2.2 U	
EPD-WA-01-091923	TO-15	591-78-6	2-HEXANONE	3 U		0.46	3	UG/M3	3.0 U	
EPD-WA-01-091923	TO-15	67-63-0	2-PROPANOL	0.49 J		0.33	7.3	UG/M3	0.49 J	
EPD-WA-01-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.25	2.3	UG/M3	2.3 U	
EPD-WA-01-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.18	0.73	UG/M3	0.73 U	
EPD-WA-01-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.19	0.61	UG/M3	0.61 U	
EPD-WA-01-091923	TO-15	67-64-1	ACETONE	5.6 J		1	7	UG/M3	5.6 J	
EPD-WA-01-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.13	0.77	UG/M3	0.77 U	
EPD-WA-01-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99 U		0.13	0.99	UG/M3	0.99 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-091923	TO-15	75-25-2	BROMOFORM	1.5	U	0.23	1.5	UG/M3	1.5	U
EPD-WA-01-091923	TO-15	74-83-9	BROMOMETHANE	29	U	1.2	29	UG/M3	29	U
EPD-WA-01-091923	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.62	2.3	UG/M3	2.3	U
EPD-WA-01-091923	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.054	0.68	UG/M3	0.68	U
EPD-WA-01-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.1	0.67	UG/M3	0.67	U
EPD-WA-01-091923	TO-15	98-82-8	CUMENE	0.73	U	0.092	0.73	UG/M3	0.73	U
EPD-WA-01-091923	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.24	2.5	UG/M3	2.5	U
EPD-WA-01-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.15	1.3	UG/M3	1.3	U
EPD-WA-01-091923	TO-15	64-17-5	ETHANOL	1.8	J	0.44	5.6	UG/M3	1.8	J
EPD-WA-01-091923	TO-15	75-69-4	FREON 11	1		0.13	0.83	UG/M3	1.0	
EPD-WA-01-091923	TO-15	76-13-1	FREON 113	0.48	J	0.18	1.1	UG/M3	0.48	J
EPD-WA-01-091923	TO-15	142-82-5	HEPTANE	0.32	J	0.23	3	UG/M3	0.32	J
EPD-WA-01-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	1.9	7.9	UG/M3	7.9	UJ
EPD-WA-01-091923	TO-15	110-54-3	HEXANE	0.68	J	0.23	2.6	UG/M3	0.68	J
EPD-WA-01-091923	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.93	1	UG/M3	1.0	U
EPD-WA-01-091923	TO-15	103-65-1	PROPYLBENZENE	0.17	J	0.14	0.73	UG/M3	0.17	J
EPD-WA-01-091923	TO-15	100-42-5	STYRENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-01-091923	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.45	2.2	UG/M3	2.2	U
EPD-WA-01-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-WA-01-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-091923	TO-15	106-97-8	BUTANE	0.87	NJ			PPBV	0.87	NJ
EPD-WA-01-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1	NJ			PPBV	1.1	NJ
EPD-WA-01-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-01-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.056	0.2	UG/M3	0.20	U
EPD-WA-01-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0092	0.16	UG/M3	0.16	U
EPD-WA-01-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-WA-01-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.012	0.059	UG/M3	0.059	U
EPD-WA-01-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.014	0.23	UG/M3	0.23	U
EPD-WA-01-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033	J	0.012	0.12	UG/M3	0.033	J
EPD-WA-01-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.089	0.18	UG/M3	0.18	UJ
EPD-WA-01-091923	TO-15 SIM	71-43-2	BENZENE	1		0.019	0.24	UG/M3	1.0	
EPD-WA-01-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.0081	0.19	UG/M3	0.39	
EPD-WA-01-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.035	0.2	UG/M3	0.20	U
EPD-WA-01-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.093	J	0.0088	0.14	UG/M3	0.093	J
EPD-WA-01-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61	J	0.22	1.5	UG/M3	0.61	J
EPD-WA-01-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.0084	0.12	UG/M3	0.12	U
EPD-WA-01-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.0064	0.13	UG/M3	0.25	
EPD-WA-01-091923	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.012	0.21	UG/M3	0.093	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-091923	TO-15 SIM	75-71-8	FREON 12	1.9		0.0091	0.36	UG/M3	1.9	
EPD-WA-01-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	1		0.013	0.26	UG/M3	1.0	
EPD-WA-01-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.0066	0.53	UG/M3	0.53 U	
EPD-WA-01-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.21 J		0.1	0.39	UG/M3	0.21 J	
EPD-WA-01-091923	TO-15 SIM	95-47-6	O-XYLENE	0.42		0.019	0.13	UG/M3	0.42	
EPD-WA-01-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.17 J		0.013	0.2	UG/M3	0.17 J	
EPD-WA-01-091923	TO-15 SIM	108-88-3	TOLUENE	1.5		0.013	0.28	UG/M3	1.5	
EPD-WA-01-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.12 J		0.0096	0.59	UG/M3	0.12 J	
EPD-WA-01-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.017 J		0.017	0.16	UG/M3	0.017 J	
EPD-WA-01-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.0056	0.038	UG/M3	0.038 U	
EPD-WA-02-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.1	5.3	UG/M3	5.3 U	
EPD-WA-02-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.53 J		0.14	0.7	UG/M3	0.53 J	
EPD-WA-02-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.19	0.85	UG/M3	0.85 U	
EPD-WA-02-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-02-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.22 J		0.13	0.7	UG/M3	0.22 J	
EPD-WA-02-091923	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.055	0.31	UG/M3	0.31 U	
EPD-WA-02-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.13	0.85	UG/M3	0.85 U	
EPD-WA-02-091923	TO-15	123-91-1	1,4-DIOXANE	0.24 J		0.14	0.51	UG/M3	0.24 J	
EPD-WA-02-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.4 J		0.27	3.3	UG/M3	0.40 J	
EPD-WA-02-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.46 J		0.2	2.1	UG/M3	0.46 J	
EPD-WA-02-091923	TO-15	591-78-6	2-HEXANONE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-02-091923	TO-15	67-63-0	2-PROPANOL	0.63 J		0.32	7	UG/M3	0.63 J	
EPD-WA-02-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-02-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.52 J		0.17	0.7	UG/M3	0.52 J	
EPD-WA-02-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.19	0.58	UG/M3	0.58 U	
EPD-WA-02-091923	TO-15	67-64-1	ACETONE	9.3		0.98	6.7	UG/M3	9.3	
EPD-WA-02-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-02-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U		0.12	0.95	UG/M3	0.95 U	
EPD-WA-02-091923	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-02-091923	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-02-091923	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.59	2.2	UG/M3	2.2 U	
EPD-WA-02-091923	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.052	0.65	UG/M3	0.65 U	
EPD-WA-02-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-02-091923	TO-15	98-82-8	CUMENE	0.7 U		0.089	0.7	UG/M3	0.70 U	
EPD-WA-02-091923	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-WA-02-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-02-091923	TO-15	64-17-5	ETHANOL	2.6 J		0.42	5.4	UG/M3	2.6 J	
EPD-WA-02-091923	TO-15	75-69-4	FREON 11	1		0.13	0.8	UG/M3	1.0	
EPD-WA-02-091923	TO-15	76-13-1	FREON 113	0.5 J		0.18	1.1	UG/M3	0.50 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-091923	TO-15	142-82-5	HEPTANE	0.33 J		0.22	2.9	UG/M3	0.33 J	
EPD-WA-02-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		1.8	7.6	UG/M3	7.6 UJ	
EPD-WA-02-091923	TO-15	110-54-3	HEXANE	0.73 J		0.22	2.5	UG/M3	0.73 J	
EPD-WA-02-091923	TO-15	75-09-2	METHYLENE CHLORIDE	0.99 U		0.89	0.99	UG/M3	0.99 U	
EPD-WA-02-091923	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-02-091923	TO-15	100-42-5	STYRENE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-WA-02-091923	TO-15	109-99-9	TETRAHYDROFURAN	0.44 J		0.43	2.1	UG/M3	0.44 J	
EPD-WA-02-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-WA-02-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-091923	TO-15	106-97-8	BUTANE	0.77 NJ				PPBV	0.77 NJ	
EPD-WA-02-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1 NJ				PPBV	1.1 NJ	
EPD-WA-02-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-02-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.053	0.19	UG/M3	0.19 U	
EPD-WA-02-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0088	0.15	UG/M3	0.15 U	
EPD-WA-02-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-02-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.011	0.056	UG/M3	0.056 U	
EPD-WA-02-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-02-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032 J		0.011	0.11	UG/M3	0.032 J	
EPD-WA-02-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.085	0.17	UG/M3	0.17 UJ	
EPD-WA-02-091923	TO-15 SIM	71-43-2	BENZENE	1.2		0.018	0.23	UG/M3	1.2	
EPD-WA-02-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0078	0.18	UG/M3	0.38	
EPD-WA-02-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.034	0.19	UG/M3	0.19 U	
EPD-WA-02-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.096 J		0.0084	0.14	UG/M3	0.096 J	
EPD-WA-02-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62 J		0.21	1.5	UG/M3	0.62 J	
EPD-WA-02-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.008	0.11	UG/M3	0.11 U	
EPD-WA-02-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.26		0.0062	0.12	UG/M3	0.26	
EPD-WA-02-091923	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.012	0.2	UG/M3	0.094 J	
EPD-WA-02-091923	TO-15 SIM	75-71-8	FREON 12	1.8		0.0088	0.35	UG/M3	1.8	
EPD-WA-02-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	1		0.013	0.25	UG/M3	1.0	
EPD-WA-02-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.0063	0.51	UG/M3	0.51 U	
EPD-WA-02-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.13 J		0.097	0.37	UG/M3	0.13 J	
EPD-WA-02-091923	TO-15 SIM	95-47-6	O-XYLENE	0.39		0.018	0.12	UG/M3	0.39	
EPD-WA-02-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.074 J		0.013	0.19	UG/M3	0.074 J	
EPD-WA-02-091923	TO-15 SIM	108-88-3	TOLUENE	1.5		0.012	0.27	UG/M3	1.5	
EPD-WA-02-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.23 J		0.0092	0.56	UG/M3	0.23 J	
EPD-WA-02-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019 J		0.016	0.15	UG/M3	0.019 J	
EPD-WA-02-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0054	0.036	UG/M3	0.036 U	
EPD-WA-03-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		1.1	5.1	UG/M3	5.1 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.42 J		0.14	0.68	UG/M3	0.42 J	
EPD-WA-03-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83 U		0.18	0.83	UG/M3	0.83 U	
EPD-WA-03-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-03-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.18 J		0.12	0.68	UG/M3	0.18 J	
EPD-WA-03-091923	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.053	0.3	UG/M3	0.30 U	
EPD-WA-03-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83 U		0.12	0.83	UG/M3	0.83 U	
EPD-WA-03-091923	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-WA-03-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.38 J		0.26	3.2	UG/M3	0.38 J	
EPD-WA-03-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.64 J		0.19	2	UG/M3	0.64 J	
EPD-WA-03-091923	TO-15	591-78-6	2-HEXANONE	2.8 U		0.43	2.8	UG/M3	2.8 U	
EPD-WA-03-091923	TO-15	67-63-0	2-PROPANOL	6.8 U		0.31	6.8	UG/M3	6.8 U	
EPD-WA-03-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-03-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U		0.17	0.68	UG/M3	0.68 U	
EPD-WA-03-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.2 J		0.18	0.56	UG/M3	0.20 J	
EPD-WA-03-091923	TO-15	67-64-1	ACETONE	10		0.96	6.6	UG/M3	10	
EPD-WA-03-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71 U		0.12	0.71	UG/M3	0.71 U	
EPD-WA-03-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92 U		0.12	0.92	UG/M3	0.92 U	
EPD-WA-03-091923	TO-15	75-25-2	BROMOFORM	1.4 U		0.21	1.4	UG/M3	1.4 U	
EPD-WA-03-091923	TO-15	74-83-9	BROMOMETHANE	27 U		1.1	27	UG/M3	27 U	
EPD-WA-03-091923	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.58	2.1	UG/M3	2.1 U	
EPD-WA-03-091923	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.05	0.64	UG/M3	0.64 U	
EPD-WA-03-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.098	0.63	UG/M3	0.63 U	
EPD-WA-03-091923	TO-15	98-82-8	CUMENE	0.68 U		0.086	0.68	UG/M3	0.68 U	
EPD-WA-03-091923	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-WA-03-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-WA-03-091923	TO-15	64-17-5	ETHANOL	2.8 J		0.41	5.2	UG/M3	2.8 J	
EPD-WA-03-091923	TO-15	75-69-4	FREON 11	1		0.12	0.78	UG/M3	1.0	
EPD-WA-03-091923	TO-15	76-13-1	FREON 113	0.47 J		0.17	1	UG/M3	0.47 J	
EPD-WA-03-091923	TO-15	142-82-5	HEPTANE	0.35 J		0.22	2.8	UG/M3	0.35 J	
EPD-WA-03-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		1.7	7.4	UG/M3	7.4 UJ	
EPD-WA-03-091923	TO-15	110-54-3	HEXANE	0.69 J		0.22	2.4	UG/M3	0.69 J	
EPD-WA-03-091923	TO-15	75-09-2	METHYLENE CHLORIDE	0.96 U		0.87	0.96	UG/M3	0.96 U	
EPD-WA-03-091923	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.13	0.68	UG/M3	0.68 U	
EPD-WA-03-091923	TO-15	100-42-5	STYRENE	0.59 U		0.12	0.59	UG/M3	0.59 U	
EPD-WA-03-091923	TO-15	109-99-9	TETRAHYDROFURAN	0.44 J		0.42	2	UG/M3	0.44 J	
EPD-WA-03-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.15	0.63	UG/M3	0.63 U	
EPD-WA-03-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-091923	TO-15	106-97-8	BUTANE	0.96 NJ				PPBV	0.96 NJ	
EPD-WA-03-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2 NJ				PPBV	1.2 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-03-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.052	0.19	UG/M3	0.19 U	
EPD-WA-03-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0086	0.15	UG/M3	0.15 U	
EPD-WA-03-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-03-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.011	0.055	UG/M3	0.055 U	
EPD-WA-03-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.013	0.21	UG/M3	0.21 U	
EPD-WA-03-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033 J		0.011	0.11	UG/M3	0.033 J	
EPD-WA-03-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 UJ		0.083	0.16	UG/M3	0.16 UJ	
EPD-WA-03-091923	TO-15 SIM	71-43-2	BENZENE	0.84		0.018	0.22	UG/M3	0.84	
EPD-WA-03-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0076	0.17	UG/M3	0.38	
EPD-WA-03-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.033	0.18	UG/M3	0.18 U	
EPD-WA-03-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.098 J		0.0082	0.13	UG/M3	0.098 J	
EPD-WA-03-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62 J		0.2	1.4	UG/M3	0.62 J	
EPD-WA-03-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0078	0.11	UG/M3	0.11 U	
EPD-WA-03-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.23		0.006	0.12	UG/M3	0.23	
EPD-WA-03-091923	TO-15 SIM	76-14-2	FREON 114	0.092 J		0.012	0.19	UG/M3	0.092 J	
EPD-WA-03-091923	TO-15 SIM	75-71-8	FREON 12	1.8		0.0085	0.34	UG/M3	1.8	
EPD-WA-03-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.84		0.012	0.24	UG/M3	0.84	
EPD-WA-03-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.0062	0.5	UG/M3	0.50 U	
EPD-WA-03-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.13 J		0.094	0.36	UG/M3	0.13 J	
EPD-WA-03-091923	TO-15 SIM	95-47-6	O-XYLENE	0.37		0.018	0.12	UG/M3	0.37	
EPD-WA-03-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.098 J		0.012	0.19	UG/M3	0.098 J	
EPD-WA-03-091923	TO-15 SIM	108-88-3	TOLUENE	1.3		0.012	0.26	UG/M3	1.3	
EPD-WA-03-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.0089	0.55	UG/M3	0.55 U	
EPD-WA-03-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.021 J		0.016	0.15	UG/M3	0.021 J	
EPD-WA-03-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035 U		0.0052	0.035	UG/M3	0.035 U	
EPD-WA-04-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.1	5.3	UG/M3	5.3 U	
EPD-WA-04-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.51 J		0.14	0.7	UG/M3	0.51 J	
EPD-WA-04-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.19	0.85	UG/M3	0.85 U	
EPD-WA-04-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-04-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.21 J		0.13	0.7	UG/M3	0.21 J	
EPD-WA-04-091923	TO-15	106-99-0	1,3-BUTADIENE	0.061 J		0.055	0.31	UG/M3	0.061 J	
EPD-WA-04-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.13	0.85	UG/M3	0.85 U	
EPD-WA-04-091923	TO-15	123-91-1	1,4-DIOXANE	0.51 U		0.14	0.51	UG/M3	0.51 U	
EPD-WA-04-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.44 J		0.27	3.3	UG/M3	0.44 J	
EPD-WA-04-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.5 J		0.2	2.1	UG/M3	0.50 J	
EPD-WA-04-091923	TO-15	591-78-6	2-HEXANONE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-04-091923	TO-15	67-63-0	2-PROPANOL	7 U		0.32	7	UG/M3	7.0 U	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-04-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.18	J	0.17	0.7	UG/M3	0.18	J
EPD-WA-04-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.19	0.58	UG/M3	0.58	U
EPD-WA-04-091923	TO-15	67-64-1	ACETONE	6.9		0.98	6.7	UG/M3	6.9	
EPD-WA-04-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-04-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.12	0.95	UG/M3	0.95	U
EPD-WA-04-091923	TO-15	75-25-2	BROMOFORM	1.5	U	0.22	1.5	UG/M3	1.5	U
EPD-WA-04-091923	TO-15	74-83-9	BROMOMETHANE	28	U	1.2	28	UG/M3	28	U
EPD-WA-04-091923	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.59	2.2	UG/M3	2.2	U
EPD-WA-04-091923	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.052	0.65	UG/M3	0.65	U
EPD-WA-04-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-WA-04-091923	TO-15	98-82-8	CUMENE	0.7	U	0.089	0.7	UG/M3	0.70	U
EPD-WA-04-091923	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.23	2.4	UG/M3	2.4	U
EPD-WA-04-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.15	1.2	UG/M3	1.2	U
EPD-WA-04-091923	TO-15	64-17-5	ETHANOL	2	J	0.42	5.4	UG/M3	2.0	J
EPD-WA-04-091923	TO-15	75-69-4	FREON 11	1.1		0.13	0.8	UG/M3	1.1	
EPD-WA-04-091923	TO-15	76-13-1	FREON 113	0.46	J	0.18	1.1	UG/M3	0.46	J
EPD-WA-04-091923	TO-15	142-82-5	HEPTANE	0.36	J	0.22	2.9	UG/M3	0.36	J
EPD-WA-04-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	1.8	7.6	UG/M3	7.6	UJ
EPD-WA-04-091923	TO-15	110-54-3	HEXANE	0.73	J	0.22	2.5	UG/M3	0.73	J
EPD-WA-04-091923	TO-15	75-09-2	METHYLENE CHLORIDE	0.99	U	0.89	0.99	UG/M3	0.99	U
EPD-WA-04-091923	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-04-091923	TO-15	100-42-5	STYRENE	0.6	U	0.12	0.6	UG/M3	0.60	U
EPD-WA-04-091923	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.43	2.1	UG/M3	2.1	U
EPD-WA-04-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.16	0.64	UG/M3	0.64	U
EPD-WA-04-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-091923	TO-15	106-97-8	BUTANE	0.82	NJ			PPBV	0.82	NJ
EPD-WA-04-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1	NJ			PPBV	1.1	NJ
EPD-WA-04-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-091923	TO-15	109-66-0	PENTANE	0.73	NJ			PPBV	0.73	NJ
EPD-WA-04-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-04-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.053	0.19	UG/M3	0.19	U
EPD-WA-04-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0088	0.15	UG/M3	0.15	U
EPD-WA-04-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.012	0.11	UG/M3	0.11	U
EPD-WA-04-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.011	0.056	UG/M3	0.056	U
EPD-WA-04-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-WA-04-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033	J	0.011	0.11	UG/M3	0.033	J
EPD-WA-04-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.085	0.17	UG/M3	0.17	UJ
EPD-WA-04-091923	TO-15 SIM	71-43-2	BENZENE	1.2		0.018	0.23	UG/M3	1.2	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0078	0.18	UG/M3	0.38	
EPD-WA-04-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.034	0.19	UG/M3	0.19	U
EPD-WA-04-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.09	J	0.0084	0.14	UG/M3	0.090	J
EPD-WA-04-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61	J	0.21	1.5	UG/M3	0.61	J
EPD-WA-04-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.008	0.11	UG/M3	0.11	U
EPD-WA-04-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.28		0.0062	0.12	UG/M3	0.28	
EPD-WA-04-091923	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.012	0.2	UG/M3	0.096	J
EPD-WA-04-091923	TO-15 SIM	75-71-8	FREON 12	1.9		0.0088	0.35	UG/M3	1.9	
EPD-WA-04-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	1		0.013	0.25	UG/M3	1.0	
EPD-WA-04-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.0063	0.51	UG/M3	0.51	U
EPD-WA-04-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.097	0.37	UG/M3	0.17	J
EPD-WA-04-091923	TO-15 SIM	95-47-6	O-XYLENE	0.45		0.018	0.12	UG/M3	0.45	
EPD-WA-04-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.34		0.013	0.19	UG/M3	0.34	
EPD-WA-04-091923	TO-15 SIM	108-88-3	TOLUENE	1.6		0.012	0.27	UG/M3	1.6	
EPD-WA-04-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.0092	0.56	UG/M3	0.56	U
EPD-WA-04-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.017	J	0.016	0.15	UG/M3	0.017	J
EPD-WA-04-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0054	0.036	UG/M3	0.036	U
EPD-WA-05-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.1	5.4	UG/M3	5.4	U
EPD-WA-05-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.67	J	0.14	0.72	UG/M3	0.67	J
EPD-WA-05-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-05-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-05-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.23	J	0.13	0.72	UG/M3	0.23	J
EPD-WA-05-091923	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.056	0.32	UG/M3	0.32	U
EPD-WA-05-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.13	0.88	UG/M3	0.88	U
EPD-WA-05-091923	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.14	0.53	UG/M3	0.53	U
EPD-WA-05-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.53	J	0.27	3.4	UG/M3	0.53	J
EPD-WA-05-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.96	J	0.2	2.2	UG/M3	0.96	J
EPD-WA-05-091923	TO-15	591-78-6	2-HEXANONE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-05-091923	TO-15	67-63-0	2-PROPANOL	7.2	U	0.33	7.2	UG/M3	7.2	U
EPD-WA-05-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.25	2.3	UG/M3	2.3	U
EPD-WA-05-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.21	J	0.18	0.72	UG/M3	0.21	J
EPD-WA-05-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.19	0.6	UG/M3	0.60	U
EPD-WA-05-091923	TO-15	67-64-1	ACETONE	6.2	J	1	6.9	UG/M3	6.2	J
EPD-WA-05-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.12	0.76	UG/M3	0.76	U
EPD-WA-05-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.13	0.98	UG/M3	0.98	U
EPD-WA-05-091923	TO-15	75-25-2	BROMOFORM	1.5	U	0.22	1.5	UG/M3	1.5	U
EPD-WA-05-091923	TO-15	74-83-9	BROMOMETHANE	28	U	1.2	28	UG/M3	28	U
EPD-WA-05-091923	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.61	2.3	UG/M3	2.3	U
EPD-WA-05-091923	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.053	0.67	UG/M3	0.67	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-WA-05-091923	TO-15	98-82-8	CUMENE	0.72 U		0.091	0.72	UG/M3	0.72 U	
EPD-WA-05-091923	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-WA-05-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-05-091923	TO-15	64-17-5	ETHANOL	5 J		0.43	5.5	UG/M3	5.0 J	
EPD-WA-05-091923	TO-15	75-69-4	FREON 11	1.1		0.13	0.82	UG/M3	1.1	
EPD-WA-05-091923	TO-15	76-13-1	FREON 113	0.48 J		0.18	1.1	UG/M3	0.48 J	
EPD-WA-05-091923	TO-15	142-82-5	HEPTANE	0.45 J		0.23	3	UG/M3	0.45 J	
EPD-WA-05-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		1.8	7.8	UG/M3	7.8 UJ	
EPD-WA-05-091923	TO-15	110-54-3	HEXANE	1 J		0.23	2.6	UG/M3	1.0 J	
EPD-WA-05-091923	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.92	1	UG/M3	1.0 U	
EPD-WA-05-091923	TO-15	103-65-1	PROPYLBENZENE	0.16 J		0.14	0.72	UG/M3	0.16 J	
EPD-WA-05-091923	TO-15	100-42-5	STYRENE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-WA-05-091923	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-05-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.16	0.66	UG/M3	0.66 U	
EPD-WA-05-091923	TO-15	872-05-9	1-DECENE	0.98 NJ				PPBV	0.98 NJ	
EPD-WA-05-091923	TO-15	693-54-9	2-DECANONE	0.74 NJ				PPBV	0.74 NJ	
EPD-WA-05-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-091923	TO-15	106-97-8	BUTANE	1.4 NJ				PPBV	1.4 NJ	
EPD-WA-05-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.9 NJ				PPBV	1.9 NJ	
EPD-WA-05-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-091923	TO-15	109-66-0	PENTANE	1 NJ				PPBV	1.0 NJ	
EPD-WA-05-091923	TO-15	NA	UNKNOWN TIC	0.8 J				PPBV	0.80 J	
EPD-WA-05-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-05-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.055	0.2	UG/M3	0.20 U	
EPD-WA-05-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0091	0.16	UG/M3	0.16 U	
EPD-WA-05-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-WA-05-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.012	0.058	UG/M3	0.058 U	
EPD-WA-05-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-05-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033 J		0.011	0.12	UG/M3	0.033 J	
EPD-WA-05-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 UJ		0.088	0.18	UG/M3	0.18 UJ	
EPD-WA-05-091923	TO-15 SIM	71-43-2	BENZENE	1.1		0.019	0.23	UG/M3	1.1	
EPD-WA-05-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.008	0.18	UG/M3	0.39	
EPD-WA-05-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.035	0.19	UG/M3	0.19 U	
EPD-WA-05-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.0087	0.14	UG/M3	0.10 J	
EPD-WA-05-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62 J		0.22	1.5	UG/M3	0.62 J	
EPD-WA-05-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0083	0.12	UG/M3	0.12 U	
EPD-WA-05-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.32		0.0063	0.13	UG/M3	0.32	
EPD-WA-05-091923	TO-15 SIM	76-14-2	FREON 114	0.095 J		0.012	0.2	UG/M3	0.095 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-091923	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-WA-05-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.013	0.25	UG/M3	1.2	
EPD-WA-05-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.0065	0.53	UG/M3	0.53 U	
EPD-WA-05-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.1	0.38	UG/M3	0.12 J	
EPD-WA-05-091923	TO-15 SIM	95-47-6	O-XYLENE	0.59		0.018	0.13	UG/M3	0.59	
EPD-WA-05-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.09 J		0.013	0.2	UG/M3	0.090 J	
EPD-WA-05-091923	TO-15 SIM	108-88-3	TOLUENE	3		0.012	0.28	UG/M3	3.0	
EPD-WA-05-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.0094	0.58	UG/M3	0.58 U	
EPD-WA-05-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.022 J		0.017	0.16	UG/M3	0.022 J	
EPD-WA-05-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.0056	0.037	UG/M3	0.037 U	
EPD-WA-06-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.2	5.8	UG/M3	5.8 U	
EPD-WA-06-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.65 J		0.16	0.77	UG/M3	0.65 J	
EPD-WA-06-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94 U		0.21	0.94	UG/M3	0.94 U	
EPD-WA-06-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.2	0.72	UG/M3	0.72 U	
EPD-WA-06-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.24 J		0.14	0.77	UG/M3	0.24 J	
EPD-WA-06-091923	TO-15	106-99-0	1,3-BUTADIENE	0.35 U		0.061	0.35	UG/M3	0.35 U	
EPD-WA-06-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94 U		0.14	0.94	UG/M3	0.94 U	
EPD-WA-06-091923	TO-15	123-91-1	1,4-DIOXANE	0.56 U		0.15	0.56	UG/M3	0.56 U	
EPD-WA-06-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.48 J		0.29	3.7	UG/M3	0.48 J	
EPD-WA-06-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3 U		0.22	2.3	UG/M3	2.3 U	
EPD-WA-06-091923	TO-15	591-78-6	2-HEXANONE	3.2 U		0.49	3.2	UG/M3	3.2 U	
EPD-WA-06-091923	TO-15	67-63-0	2-PROPANOL	0.7 J		0.35	7.7	UG/M3	0.70 J	
EPD-WA-06-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.27	2.4	UG/M3	2.4 U	
EPD-WA-06-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.61 J		0.19	0.77	UG/M3	0.61 J	
EPD-WA-06-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64 U		0.21	0.64	UG/M3	0.64 U	
EPD-WA-06-091923	TO-15	67-64-1	ACETONE	5.9 J		1.1	7.4	UG/M3	5.9 J	
EPD-WA-06-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81 U		0.14	0.81	UG/M3	0.81 U	
EPD-WA-06-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.14	1	UG/M3	1.0 U	
EPD-WA-06-091923	TO-15	75-25-2	BROMOFORM	1.6 U		0.24	1.6	UG/M3	1.6 U	
EPD-WA-06-091923	TO-15	74-83-9	BROMOMETHANE	30 U		1.3	30	UG/M3	30 U	
EPD-WA-06-091923	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.66	2.4	UG/M3	2.4 U	
EPD-WA-06-091923	TO-15	108-90-7	CHLOROBENZENE	0.72 U		0.057	0.72	UG/M3	0.72 U	
EPD-WA-06-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71 U		0.11	0.71	UG/M3	0.71 U	
EPD-WA-06-091923	TO-15	98-82-8	CUMENE	0.77 U		0.098	0.77	UG/M3	0.77 U	
EPD-WA-06-091923	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.26	2.7	UG/M3	2.7 U	
EPD-WA-06-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.16	1.3	UG/M3	1.3 U	
EPD-WA-06-091923	TO-15	64-17-5	ETHANOL	2.5 J		0.46	5.9	UG/M3	2.5 J	
EPD-WA-06-091923	TO-15	75-69-4	FREON 11	1.1		0.14	0.88	UG/M3	1.1	
EPD-WA-06-091923	TO-15	76-13-1	FREON 113	0.48 J		0.2	1.2	UG/M3	0.48 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-091923	TO-15	142-82-5	HEPTANE	0.55 J		0.24	3.2	UG/M3	0.55 J	
EPD-WA-06-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4 U		2	8.4	UG/M3	8.4 UJ	
EPD-WA-06-091923	TO-15	110-54-3	HEXANE	0.82 J		0.25	2.8	UG/M3	0.82 J	
EPD-WA-06-091923	TO-15	75-09-2	METHYLENE CHLORIDE	1.1 U		0.98	1.1	UG/M3	1.1 U	
EPD-WA-06-091923	TO-15	103-65-1	PROPYLBENZENE	0.17 J		0.15	0.77	UG/M3	0.17 J	
EPD-WA-06-091923	TO-15	100-42-5	STYRENE	0.67 U		0.13	0.67	UG/M3	0.67 U	
EPD-WA-06-091923	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.48	2.3	UG/M3	2.3 U	
EPD-WA-06-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71 U		0.18	0.71	UG/M3	0.71 U	
EPD-WA-06-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-091923	TO-15	106-97-8	BUTANE	0.87 NJ				PPBV	0.87 NJ	
EPD-WA-06-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2 NJ				PPBV	1.2 NJ	
EPD-WA-06-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.013	0.17	UG/M3	0.17 U	
EPD-WA-06-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22 U		0.059	0.22	UG/M3	0.22 U	
EPD-WA-06-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.0098	0.17	UG/M3	0.17 U	
EPD-WA-06-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U		0.014	0.13	UG/M3	0.13 U	
EPD-WA-06-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062 U		0.012	0.062	UG/M3	0.062 U	
EPD-WA-06-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.015	0.24	UG/M3	0.24 U	
EPD-WA-06-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.035 J		0.012	0.13	UG/M3	0.035 J	
EPD-WA-06-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 UJ		0.094	0.19	UG/M3	0.19 UJ	
EPD-WA-06-091923	TO-15 SIM	71-43-2	BENZENE	1.2		0.02	0.25	UG/M3	1.2	
EPD-WA-06-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.0086	0.2	UG/M3	0.39	
EPD-WA-06-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.21 U		0.037	0.21	UG/M3	0.21 U	
EPD-WA-06-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.0094	0.15	UG/M3	0.10 J	
EPD-WA-06-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61 J		0.23	1.6	UG/M3	0.61 J	
EPD-WA-06-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0089	0.12	UG/M3	0.12 U	
EPD-WA-06-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.34		0.0068	0.14	UG/M3	0.34	
EPD-WA-06-091923	TO-15 SIM	76-14-2	FREON 114	0.093 J		0.013	0.22	UG/M3	0.093 J	
EPD-WA-06-091923	TO-15 SIM	75-71-8	FREON 12	1.9		0.0097	0.39	UG/M3	1.9	
EPD-WA-06-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.014	0.27	UG/M3	1.2	
EPD-WA-06-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.012 J		0.007	0.57	UG/M3	0.012 J	
EPD-WA-06-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.2 J		0.11	0.41	UG/M3	0.20 J	
EPD-WA-06-091923	TO-15 SIM	95-47-6	O-XYLENE	0.55		0.02	0.14	UG/M3	0.55	
EPD-WA-06-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.089 J		0.014	0.21	UG/M3	0.089 J	
EPD-WA-06-091923	TO-15 SIM	108-88-3	TOLUENE	1.8		0.014	0.3	UG/M3	1.8	
EPD-WA-06-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.032 J		0.01	0.62	UG/M3	0.032 J	
EPD-WA-06-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.018	0.17	UG/M3	0.17 U	
EPD-WA-06-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.006	0.04	UG/M3	0.040 U	
EPD-WA-33-091923	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.1	5.4	UG/M3	5.4 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-091923	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.42 J		0.14	0.72	UG/M3	0.42 J	
EPD-WA-33-091923	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.19	0.88	UG/M3	0.88 U	
EPD-WA-33-091923	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.19	0.67	UG/M3	0.67 U	
EPD-WA-33-091923	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.15 J		0.13	0.72	UG/M3	0.15 J	
EPD-WA-33-091923	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.056	0.32	UG/M3	0.32 U	
EPD-WA-33-091923	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.13	0.88	UG/M3	0.88 U	
EPD-WA-33-091923	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.14	0.53	UG/M3	0.53 U	
EPD-WA-33-091923	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.39 J		0.27	3.4	UG/M3	0.39 J	
EPD-WA-33-091923	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.3 J		0.2	2.2	UG/M3	0.30 J	
EPD-WA-33-091923	TO-15	591-78-6	2-HEXANONE	3 U		0.46	3	UG/M3	3.0 U	
EPD-WA-33-091923	TO-15	67-63-0	2-PROPANOL	0.89 J		0.33	7.2	UG/M3	0.89 J	
EPD-WA-33-091923	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.25	2.3	UG/M3	2.3 U	
EPD-WA-33-091923	TO-15	622-96-8	4-ETHYLTOLUENE	0.39 J		0.18	0.72	UG/M3	0.39 J	
EPD-WA-33-091923	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.26 J		0.19	0.6	UG/M3	0.26 J	
EPD-WA-33-091923	TO-15	67-64-1	ACETONE	7.2		1	6.9	UG/M3	7.2	
EPD-WA-33-091923	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.12	0.76	UG/M3	0.76 U	
EPD-WA-33-091923	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.13	0.98	UG/M3	0.98 U	
EPD-WA-33-091923	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-33-091923	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-33-091923	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.61	2.3	UG/M3	2.3 U	
EPD-WA-33-091923	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.053	0.67	UG/M3	0.67 U	
EPD-WA-33-091923	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-WA-33-091923	TO-15	98-82-8	CUMENE	0.72 U		0.091	0.72	UG/M3	0.72 U	
EPD-WA-33-091923	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-WA-33-091923	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-33-091923	TO-15	64-17-5	ETHANOL	2.5 J		0.43	5.5	UG/M3	2.5 J	
EPD-WA-33-091923	TO-15	75-69-4	FREON 11	1.1		0.13	0.82	UG/M3	1.1	
EPD-WA-33-091923	TO-15	76-13-1	FREON 113	0.46 J		0.18	1.1	UG/M3	0.46 J	
EPD-WA-33-091923	TO-15	142-82-5	HEPTANE	0.35 J		0.23	3	UG/M3	0.35 J	
EPD-WA-33-091923	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		1.8	7.8	UG/M3	7.8 UJ	
EPD-WA-33-091923	TO-15	110-54-3	HEXANE	0.76 J		0.23	2.6	UG/M3	0.76 J	
EPD-WA-33-091923	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.92	1	UG/M3	1.0 U	
EPD-WA-33-091923	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.14	0.72	UG/M3	0.72 U	
EPD-WA-33-091923	TO-15	100-42-5	STYRENE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-WA-33-091923	TO-15	109-99-9	TETRAHYDROFURAN	0.48 J		0.44	2.2	UG/M3	0.48 J	
EPD-WA-33-091923	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.16	0.66	UG/M3	0.66 U	
EPD-WA-33-091923	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-33-091923	TO-15	106-97-8	BUTANE	0.92 NJ				PPBV	0.92 NJ	
EPD-WA-33-091923	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1 NJ				PPBV	1.1 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309336

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-091923	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-33-091923	TO-15	75-28-5	ISOBUTANE	0.86	NJ			PPBV	0.86	NJ
EPD-WA-33-091923	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.012	0.16	UG/M3	0.16	U
EPD-WA-33-091923	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.055	0.2	UG/M3	0.20	U
EPD-WA-33-091923	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0091	0.16	UG/M3	0.16	U
EPD-WA-33-091923	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-WA-33-091923	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.012	0.058	UG/M3	0.058	U
EPD-WA-33-091923	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-WA-33-091923	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032	J	0.011	0.12	UG/M3	0.032	J
EPD-WA-33-091923	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.088	0.18	UG/M3	0.18	UJ
EPD-WA-33-091923	TO-15 SIM	71-43-2	BENZENE	0.82		0.019	0.23	UG/M3	0.82	
EPD-WA-33-091923	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.008	0.18	UG/M3	0.38	
EPD-WA-33-091923	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.035	0.19	UG/M3	0.19	U
EPD-WA-33-091923	TO-15 SIM	67-66-3	CHLOROFORM	0.099	J	0.0087	0.14	UG/M3	0.099	J
EPD-WA-33-091923	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62	J	0.22	1.5	UG/M3	0.62	J
EPD-WA-33-091923	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.0083	0.12	UG/M3	0.12	U
EPD-WA-33-091923	TO-15 SIM	100-41-4	ETHYL BENZENE	0.22		0.0063	0.13	UG/M3	0.22	
EPD-WA-33-091923	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.012	0.2	UG/M3	0.092	J
EPD-WA-33-091923	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-WA-33-091923	TO-15 SIM	179601-23-1	M,P-XYLENE	0.84		0.013	0.25	UG/M3	0.84	
EPD-WA-33-091923	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.0065	0.53	UG/M3	0.53	U
EPD-WA-33-091923	TO-15 SIM	91-20-3	NAPHTHALENE	0.12	J	0.1	0.38	UG/M3	0.12	J
EPD-WA-33-091923	TO-15 SIM	95-47-6	O-XYLENE	0.3		0.018	0.13	UG/M3	0.30	
EPD-WA-33-091923	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.098	J	0.013	0.2	UG/M3	0.098	J
EPD-WA-33-091923	TO-15 SIM	108-88-3	TOLUENE	1.3		0.012	0.28	UG/M3	1.3	
EPD-WA-33-091923	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	U	0.0094	0.58	UG/M3	0.58	U
EPD-WA-33-091923	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018	J	0.017	0.16	UG/M3	0.018	J
EPD-WA-33-091923	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.0056	0.037	UG/M3	0.037	U

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

<b>Site Name</b>	E Palestine Site - ER	<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	2200b		
<b>Laboratory Report No.</b>	2309373	<b>Laboratory</b>	Eurofins Air Toxics, LLC – Folsom, CA
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
<b>Samples and Matrix</b>	Nine air samples including one field duplicate pair		
<b>Collection Date(s)</b>	09/20/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-06-092023/EPD-WA-66-092023		
<b>Field QC Blanks</b>	None		

**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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	Laboratory control sample/laboratory control sample duplicate relative percent differences (RPD) and chain-of-custody (COC) form were not provided in the Level I laboratory report. The laboratory provided the RPDs and COC form 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 (2309373-10A): 1,2-Dichlorobenzene was detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All 1,2-dichlorobenzene sample results were nondetect; therefore, no qualifications were necessary.  TO-15 SIM (2309373-10B): 1,4-Dichlorobenzene and m,p-xylene were detected in the method blank at levels between the MDL and RL. All 1,4-dichlorobenzene sample results were nondetect and all m,p-xylene sample results were greater than ten times the blank value; therefore, no qualifications were necessary.

**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	

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
Y	

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.37 to 1.55. 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 laboratory qualified known TICs as tentatively identified (flagged NJ). 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).

**Other [Continuing Calibration]:**

Within Criteria	Exceedance/Notes
N	CCV 2309373-11C had low percent recovery of 3-chloropropene. All 3-chloropropene sample results were qualified as estimated (flagged 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.

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

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. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		1.1	5.2	UG/M3	5.2 U	
EPD-DW-D-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26 J		0.16	0.69	UG/M3	0.26 J	
EPD-DW-D-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.13	0.84	UG/M3	0.84 U	
EPD-DW-D-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-DW-D-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.14	0.69	UG/M3	0.69 U	
EPD-DW-D-092023	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.042	0.31	UG/M3	0.31 U	
EPD-DW-D-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.084	0.84	UG/M3	0.84 U	
EPD-DW-D-092023	TO-15	123-91-1	1,4-DIOXANE	0.17 J		0.073	0.5	UG/M3	0.17 J	
EPD-DW-D-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.5 J		0.21	3.3	UG/M3	0.50 J	
EPD-DW-D-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.49 J		0.35	2.1	UG/M3	0.49 J	
EPD-DW-D-092023	TO-15	591-78-6	2-HEXANONE	2.9 U		0.54	2.9	UG/M3	2.9 U	
EPD-DW-D-092023	TO-15	67-63-0	2-PROPANOL	6.9 U		0.17	6.9	UG/M3	6.9 U	
EPD-DW-D-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.19	2.2	UG/M3	2.2 UJ	
EPD-DW-D-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.21 J		0.12	0.69	UG/M3	0.21 J	
EPD-DW-D-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.18	0.57	UG/M3	0.57 U	
EPD-DW-D-092023	TO-15	67-64-1	ACETONE	8.8		0.5	6.6	UG/M3	8.8	
EPD-DW-D-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.21	0.72	UG/M3	0.72 U	
EPD-DW-D-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.12	0.94	UG/M3	0.94 U	
EPD-DW-D-092023	TO-15	75-25-2	BROMOFORM	1.4 U		0.14	1.4	UG/M3	1.4 U	
EPD-DW-D-092023	TO-15	74-83-9	BROMOMETHANE	27 U		1.3	27	UG/M3	27 U	
EPD-DW-D-092023	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.096	2.2	UG/M3	2.2 U	
EPD-DW-D-092023	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.074	0.64	UG/M3	0.64 U	
EPD-DW-D-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-DW-D-092023	TO-15	98-82-8	CUMENE	0.69 U		0.064	0.69	UG/M3	0.69 U	
EPD-DW-D-092023	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-DW-D-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-DW-D-092023	TO-15	64-17-5	ETHANOL	2.1 J		0.67	5.3	UG/M3	2.1 J	
EPD-DW-D-092023	TO-15	75-69-4	FREON 11	1.3		0.12	0.79	UG/M3	1.3	
EPD-DW-D-092023	TO-15	76-13-1	FREON 113	0.51 J		0.11	1.1	UG/M3	0.51 J	
EPD-DW-D-092023	TO-15	142-82-5	HEPTANE	2.9 U		0.4	2.9	UG/M3	2.9 U	
EPD-DW-D-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		0.49	7.5	UG/M3	7.5 U	
EPD-DW-D-092023	TO-15	110-54-3	HEXANE	0.58 J		0.22	2.5	UG/M3	0.58 J	
EPD-DW-D-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.42 J		0.3	0.97	UG/M3	0.42 J	
EPD-DW-D-092023	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.16	0.69	UG/M3	0.69 U	
EPD-DW-D-092023	TO-15	100-42-5	STYRENE	0.6 U		0.097	0.6	UG/M3	0.60 U	
EPD-DW-D-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.35	2.1	UG/M3	2.1 U	
EPD-DW-D-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-DW-D-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-D-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	0.74 NJ				PPBV	0.74 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-DW-D-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-DW-D-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.082	0.19	UG/M3	0.19 U	
EPD-DW-D-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.053	0.15	UG/M3	0.15 U	
EPD-DW-D-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-DW-D-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.021	0.056	UG/M3	0.056 U	
EPD-DW-D-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.076	0.22	UG/M3	0.22 U	
EPD-DW-D-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.029	0.11	UG/M3	0.041 J	
EPD-DW-D-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-DW-D-092023	TO-15 SIM	71-43-2	BENZENE	0.73		0.025	0.22	UG/M3	0.73	
EPD-DW-D-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.037	0.18	UG/M3	0.46	
EPD-DW-D-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-DW-D-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.11 J		0.02	0.14	UG/M3	0.11 J	
EPD-DW-D-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.84 J		0.29	1.4	UG/M3	0.84 J	
EPD-DW-D-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-DW-D-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.2		0.012	0.12	UG/M3	0.20	
EPD-DW-D-092023	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.016	0.2	UG/M3	0.12 J	
EPD-DW-D-092023	TO-15 SIM	75-71-8	FREON 12	2.3		0.025	0.35	UG/M3	2.3	
EPD-DW-D-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.66		0.0074	0.24	UG/M3	0.66	
EPD-DW-D-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.014	0.5	UG/M3	0.50 U	
EPD-DW-D-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.11 J		0.11	0.37	UG/M3	0.11 J	
EPD-DW-D-092023	TO-15 SIM	95-47-6	O-XYLENE	0.24		0.01	0.12	UG/M3	0.24	
EPD-DW-D-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.11 J		0.1	0.19	UG/M3	0.11 J	
EPD-DW-D-092023	TO-15 SIM	108-88-3	TOLUENE	1.1		0.014	0.26	UG/M3	1.1	
EPD-DW-D-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.024 J		0.013	0.56	UG/M3	0.024 J	
EPD-DW-D-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-DW-D-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.01	0.036	UG/M3	0.036 U	
EPD-UW-H-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-UW-H-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.4 J		0.17	0.71	UG/M3	0.40 J	
EPD-UW-H-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.14	0.86	UG/M3	0.86 U	
EPD-UW-H-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-UW-H-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.14 J		0.14	0.71	UG/M3	0.14 J	
EPD-UW-H-092023	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.044	0.32	UG/M3	0.32 U	
EPD-UW-H-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.086	0.86	UG/M3	0.86 U	
EPD-UW-H-092023	TO-15	123-91-1	1,4-DIOXANE	0.18 J		0.075	0.52	UG/M3	0.18 J	
EPD-UW-H-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.54 J		0.22	3.4	UG/M3	0.54 J	
EPD-UW-H-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-UW-H-092023	TO-15	591-78-6	2-HEXANONE	2.9 U		0.56	2.9	UG/M3	2.9 U	
EPD-UW-H-092023	TO-15	67-63-0	2-PROPANOL	7.1 U		0.17	7.1	UG/M3	7.1 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-UW-H-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.32 J		0.12	0.71	UG/M3	0.32 J	
EPD-UW-H-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.18	0.59	UG/M3	0.59 U	
EPD-UW-H-092023	TO-15	67-64-1	ACETONE	13		0.51	6.8	UG/M3	13	
EPD-UW-H-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-UW-H-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-UW-H-092023	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-UW-H-092023	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-UW-H-092023	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.099	2.2	UG/M3	2.2 U	
EPD-UW-H-092023	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.076	0.66	UG/M3	0.66 U	
EPD-UW-H-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.18	0.65	UG/M3	0.65 U	
EPD-UW-H-092023	TO-15	98-82-8	CUMENE	0.71 U		0.065	0.71	UG/M3	0.71 U	
EPD-UW-H-092023	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-UW-H-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-UW-H-092023	TO-15	64-17-5	ETHANOL	3.3 J		0.69	5.4	UG/M3	3.3 J	
EPD-UW-H-092023	TO-15	75-69-4	FREON 11	1.4		0.12	0.81	UG/M3	1.4	
EPD-UW-H-092023	TO-15	76-13-1	FREON 113	0.51 J		0.11	1.1	UG/M3	0.51 J	
EPD-UW-H-092023	TO-15	142-82-5	HEPTANE	0.5 J		0.41	3	UG/M3	0.50 J	
EPD-UW-H-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		0.5	7.7	UG/M3	7.7 U	
EPD-UW-H-092023	TO-15	110-54-3	HEXANE	0.77 J		0.23	2.5	UG/M3	0.77 J	
EPD-UW-H-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.46 J		0.31	1	UG/M3	0.46 J	
EPD-UW-H-092023	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.16	0.71	UG/M3	0.71 U	
EPD-UW-H-092023	TO-15	100-42-5	STYRENE	0.61 U		0.1	0.61	UG/M3	0.61 U	
EPD-UW-H-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-UW-H-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-UW-H-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-H-092023	TO-15	106-97-8	BUTANE	1.2 NJ				PPBV	1.2 NJ	
EPD-UW-H-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2 NJ				PPBV	1.2 NJ	
EPD-UW-H-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-H-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-UW-H-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.084	0.2	UG/M3	0.20 U	
EPD-UW-H-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054	0.16	UG/M3	0.16 U	
EPD-UW-H-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-UW-H-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-UW-H-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.078	0.22	UG/M3	0.22 U	
EPD-UW-H-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.03	0.12	UG/M3	0.045 J	
EPD-UW-H-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.061	0.17	UG/M3	0.17 U	
EPD-UW-H-092023	TO-15 SIM	71-43-2	BENZENE	0.81		0.026	0.23	UG/M3	0.81	
EPD-UW-H-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.038	0.18	UG/M3	0.48	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-UW-H-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.11 J		0.021	0.14	UG/M3	0.11 J	
EPD-UW-H-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.83 J		0.3	1.5	UG/M3	0.83 J	
EPD-UW-H-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-UW-H-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.3		0.012	0.12	UG/M3	0.30	
EPD-UW-H-092023	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.016	0.2	UG/M3	0.12 J	
EPD-UW-H-092023	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.36	UG/M3	2.4	
EPD-UW-H-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.98		0.0076	0.25	UG/M3	0.98	
EPD-UW-H-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.014	0.52	UG/M3	0.52 U	
EPD-UW-H-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.11	0.38	UG/M3	0.12 J	
EPD-UW-H-092023	TO-15 SIM	95-47-6	O-XYLENE	0.36		0.011	0.12	UG/M3	0.36	
EPD-UW-H-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-UW-H-092023	TO-15 SIM	108-88-3	TOLUENE	1.3		0.014	0.27	UG/M3	1.3	
EPD-UW-H-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.075 J		0.013	0.57	UG/M3	0.075 J	
EPD-UW-H-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-UW-H-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-01-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-WA-01-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.29 J		0.17	0.71	UG/M3	0.29 J	
EPD-WA-01-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.14	0.86	UG/M3	0.86 U	
EPD-WA-01-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-WA-01-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-01-092023	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.044	0.32	UG/M3	0.32 U	
EPD-WA-01-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.086	0.86	UG/M3	0.86 U	
EPD-WA-01-092023	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.075	0.52	UG/M3	0.52 U	
EPD-WA-01-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.55 J		0.22	3.4	UG/M3	0.55 J	
EPD-WA-01-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-WA-01-092023	TO-15	591-78-6	2-HEXANONE	2.9 U		0.56	2.9	UG/M3	2.9 U	
EPD-WA-01-092023	TO-15	67-63-0	2-PROPANOL	7.1 U		0.17	7.1	UG/M3	7.1 U	
EPD-WA-01-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-WA-01-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.21 J		0.12	0.71	UG/M3	0.21 J	
EPD-WA-01-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.18	0.59	UG/M3	0.59 U	
EPD-WA-01-092023	TO-15	67-64-1	ACETONE	12		0.51	6.8	UG/M3	12	
EPD-WA-01-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-WA-01-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-WA-01-092023	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-01-092023	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-01-092023	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.099	2.2	UG/M3	2.2 U	
EPD-WA-01-092023	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.076	0.66	UG/M3	0.66 U	
EPD-WA-01-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.18	0.65	UG/M3	0.65 U	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092023	TO-15	98-82-8	CUMENE	0.71 U		0.065	0.71	UG/M3	0.71 U	
EPD-WA-01-092023	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-01-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-01-092023	TO-15	64-17-5	ETHANOL	1.8 J		0.69	5.4	UG/M3	1.8 J	
EPD-WA-01-092023	TO-15	75-69-4	FREON 11	1.3		0.12	0.81	UG/M3	1.3	
EPD-WA-01-092023	TO-15	76-13-1	FREON 113	0.44 J		0.11	1.1	UG/M3	0.44 J	
EPD-WA-01-092023	TO-15	142-82-5	HEPTANE	3 U		0.41	3	UG/M3	3.0 U	
EPD-WA-01-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		0.5	7.7	UG/M3	7.7 U	
EPD-WA-01-092023	TO-15	110-54-3	HEXANE	0.62 J		0.23	2.5	UG/M3	0.62 J	
EPD-WA-01-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.44 J		0.31	1	UG/M3	0.44 J	
EPD-WA-01-092023	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.16	0.71	UG/M3	0.71 U	
EPD-WA-01-092023	TO-15	100-42-5	STYRENE	0.61 U		0.1	0.61	UG/M3	0.61 U	
EPD-WA-01-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-WA-01-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-01-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	0.76 NJ				PPBV	0.76 NJ	
EPD-WA-01-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-01-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.084	0.2	UG/M3	0.20 U	
EPD-WA-01-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054	0.16	UG/M3	0.16 U	
EPD-WA-01-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-WA-01-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-WA-01-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.078	0.22	UG/M3	0.22 U	
EPD-WA-01-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.042 J		0.03	0.12	UG/M3	0.042 J	
EPD-WA-01-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.061	0.17	UG/M3	0.17 U	
EPD-WA-01-092023	TO-15 SIM	71-43-2	BENZENE	0.7		0.026	0.23	UG/M3	0.70	
EPD-WA-01-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.038	0.18	UG/M3	0.44	
EPD-WA-01-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-WA-01-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.083 J		0.021	0.14	UG/M3	0.083 J	
EPD-WA-01-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.78 J		0.3	1.5	UG/M3	0.78 J	
EPD-WA-01-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-01-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.23		0.012	0.12	UG/M3	0.23	
EPD-WA-01-092023	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.016	0.2	UG/M3	0.12 J	
EPD-WA-01-092023	TO-15 SIM	75-71-8	FREON 12	2.2		0.026	0.36	UG/M3	2.2	
EPD-WA-01-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.78		0.0076	0.25	UG/M3	0.78	
EPD-WA-01-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.014	0.52	UG/M3	0.52 U	
EPD-WA-01-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.11	0.38	UG/M3	0.38 U	
EPD-WA-01-092023	TO-15 SIM	95-47-6	O-XYLENE	0.28		0.011	0.12	UG/M3	0.28	
EPD-WA-01-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.13 J		0.11	0.2	UG/M3	0.13 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092023	TO-15 SIM	108-88-3	TOLUENE	1.3		0.014	0.27	UG/M3	1.3	
EPD-WA-01-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.064	J	0.013	0.57	UG/M3	0.064	J
EPD-WA-01-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-01-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.018	J	0.011	0.037	UG/M3	0.018	J
EPD-WA-02-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-02-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.32	J	0.18	0.73	UG/M3	0.32	J
EPD-WA-02-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-02-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-02-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-02-092023	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-02-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.089	0.9	UG/M3	0.90	U
EPD-WA-02-092023	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-02-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.49	J	0.23	3.5	UG/M3	0.49	J
EPD-WA-02-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-02-092023	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-02-092023	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-02-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.3	UJ	0.21	2.3	UG/M3	2.3	UJ
EPD-WA-02-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.26	J	0.12	0.73	UG/M3	0.26	J
EPD-WA-02-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-02-092023	TO-15	67-64-1	ACETONE	5.4	J	0.53	7.1	UG/M3	5.4	J
EPD-WA-02-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-02-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.12	1	UG/M3	1.0	U
EPD-WA-02-092023	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-02-092023	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-02-092023	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-02-092023	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.079	0.68	UG/M3	0.68	U
EPD-WA-02-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-02-092023	TO-15	98-82-8	CUMENE	0.73	U	0.068	0.73	UG/M3	0.73	U
EPD-WA-02-092023	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.43	2.6	UG/M3	2.6	U
EPD-WA-02-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-02-092023	TO-15	64-17-5	ETHANOL	2	J	0.71	5.6	UG/M3	2.0	J
EPD-WA-02-092023	TO-15	75-69-4	FREON 11	1.4		0.12	0.84	UG/M3	1.4	
EPD-WA-02-092023	TO-15	76-13-1	FREON 113	0.52	J	0.12	1.1	UG/M3	0.52	J
EPD-WA-02-092023	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-02-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-02-092023	TO-15	110-54-3	HEXANE	0.54	J	0.24	2.6	UG/M3	0.54	J
EPD-WA-02-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.36	J	0.32	1	UG/M3	0.36	J
EPD-WA-02-092023	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-02-092023	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.37	2.2	UG/M3	2.2 U	
EPD-WA-02-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-02-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	0.77 NJ				PPBV	0.77 NJ	
EPD-WA-02-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-02-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.087	0.2	UG/M3	0.20 U	
EPD-WA-02-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.056	0.16	UG/M3	0.16 U	
EPD-WA-02-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-02-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.023	0.059	UG/M3	0.059 U	
EPD-WA-02-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.081	0.23	UG/M3	0.23 U	
EPD-WA-02-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.042 J		0.031	0.12	UG/M3	0.042 J	
EPD-WA-02-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.063	0.18	UG/M3	0.18 U	
EPD-WA-02-092023	TO-15 SIM	71-43-2	BENZENE	0.78		0.027	0.24	UG/M3	0.78	
EPD-WA-02-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.04	0.19	UG/M3	0.44	
EPD-WA-02-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-WA-02-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.091 J		0.021	0.14	UG/M3	0.091 J	
EPD-WA-02-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.76 J		0.31	1.5	UG/M3	0.76 J	
EPD-WA-02-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-02-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.19		0.012	0.13	UG/M3	0.19	
EPD-WA-02-092023	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.017	0.21	UG/M3	0.12 J	
EPD-WA-02-092023	TO-15 SIM	75-71-8	FREON 12	2.2		0.027	0.37	UG/M3	2.2	
EPD-WA-02-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.62		0.0079	0.26	UG/M3	0.62	
EPD-WA-02-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.015	0.54	UG/M3	0.54 U	
EPD-WA-02-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.11	0.39	UG/M3	0.39 U	
EPD-WA-02-092023	TO-15 SIM	95-47-6	O-XYLENE	0.23		0.011	0.13	UG/M3	0.23	
EPD-WA-02-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-WA-02-092023	TO-15 SIM	108-88-3	TOLUENE	1.2		0.014	0.28	UG/M3	1.2	
EPD-WA-02-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.014	0.59	UG/M3	0.59 U	
EPD-WA-02-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-02-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.011	0.038	UG/M3	0.038 U	
EPD-WA-03-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		1.1	5.1	UG/M3	5.1 U	
EPD-WA-03-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.2 J		0.16	0.67	UG/M3	0.20 J	
EPD-WA-03-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82 U		0.13	0.82	UG/M3	0.82 U	
EPD-WA-03-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63 U		0.13	0.63	UG/M3	0.63 U	
EPD-WA-03-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-03-092023	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.042	0.3	UG/M3	0.30 U	
EPD-WA-03-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82 U		0.082	0.82	UG/M3	0.82 U	
EPD-WA-03-092023	TO-15	123-91-1	1,4-DIOXANE	0.13 J		0.071	0.49	UG/M3	0.13 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.36 J		0.21	3.2	UG/M3	0.36 J	
EPD-WA-03-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.59 J		0.34	2	UG/M3	0.59 J	
EPD-WA-03-092023	TO-15	591-78-6	2-HEXANONE	2.8 U		0.53	2.8	UG/M3	2.8 U	
EPD-WA-03-092023	TO-15	67-63-0	2-PROPANOL	6.7 U		0.16	6.7	UG/M3	6.7 U	
EPD-WA-03-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.1 UJ		0.19	2.1	UG/M3	2.1 UJ	
EPD-WA-03-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.16 J		0.11	0.67	UG/M3	0.16 J	
EPD-WA-03-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56 U		0.17	0.56	UG/M3	0.56 U	
EPD-WA-03-092023	TO-15	67-64-1	ACETONE	24		0.49	6.5	UG/M3	24	
EPD-WA-03-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71 U		0.2	0.71	UG/M3	0.71 U	
EPD-WA-03-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92 U		0.12	0.92	UG/M3	0.92 U	
EPD-WA-03-092023	TO-15	75-25-2	BROMOFORM	1.4 U		0.14	1.4	UG/M3	1.4 U	
EPD-WA-03-092023	TO-15	74-83-9	BROMOMETHANE	27 U		1.3	27	UG/M3	27 U	
EPD-WA-03-092023	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.094	2.1	UG/M3	2.1 U	
EPD-WA-03-092023	TO-15	108-90-7	CHLOROBENZENE	0.63 U		0.073	0.63	UG/M3	0.63 U	
EPD-WA-03-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62 U		0.17	0.62	UG/M3	0.62 U	
EPD-WA-03-092023	TO-15	98-82-8	CUMENE	0.67 U		0.062	0.67	UG/M3	0.67 U	
EPD-WA-03-092023	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.4	2.4	UG/M3	2.4 U	
EPD-WA-03-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.17	1.2	UG/M3	1.2 U	
EPD-WA-03-092023	TO-15	64-17-5	ETHANOL	5.2 U		0.66	5.2	UG/M3	5.2 U	
EPD-WA-03-092023	TO-15	75-69-4	FREON 11	1.3		0.12	0.77	UG/M3	1.3	
EPD-WA-03-092023	TO-15	76-13-1	FREON 113	0.58 J		0.11	1	UG/M3	0.58 J	
EPD-WA-03-092023	TO-15	142-82-5	HEPTANE	2.8 U		0.39	2.8	UG/M3	2.8 U	
EPD-WA-03-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.3 U		0.48	7.3	UG/M3	7.3 U	
EPD-WA-03-092023	TO-15	110-54-3	HEXANE	0.54 J		0.22	2.4	UG/M3	0.54 J	
EPD-WA-03-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.4 J		0.3	0.95	UG/M3	0.40 J	
EPD-WA-03-092023	TO-15	103-65-1	PROPYLBENZENE	0.67 U		0.16	0.67	UG/M3	0.67 U	
EPD-WA-03-092023	TO-15	100-42-5	STYRENE	0.58 U		0.095	0.58	UG/M3	0.58 U	
EPD-WA-03-092023	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.34	2	UG/M3	2.0 U	
EPD-WA-03-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62 U		0.13	0.62	UG/M3	0.62 U	
EPD-WA-03-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-03-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.08	0.19	UG/M3	0.19 U	
EPD-WA-03-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.052	0.15	UG/M3	0.15 U	
EPD-WA-03-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-WA-03-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054 U		0.021	0.054	UG/M3	0.054 U	
EPD-WA-03-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.074	0.21	UG/M3	0.21 U	
EPD-WA-03-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04 J		0.028	0.11	UG/M3	0.040 J	
EPD-WA-03-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 U		0.058	0.16	UG/M3	0.16 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092023	TO-15 SIM	71-43-2	BENZENE	0.56		0.025	0.22	UG/M3	0.56	
EPD-WA-03-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.037	0.17	UG/M3	0.46	
EPD-WA-03-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-03-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.02	0.13	UG/M3	0.10 J	
EPD-WA-03-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.81 J		0.28	1.4	UG/M3	0.81 J	
EPD-WA-03-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-03-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.38		0.012	0.12	UG/M3	0.38	
EPD-WA-03-092023	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.016	0.19	UG/M3	0.12 J	
EPD-WA-03-092023	TO-15 SIM	75-71-8	FREON 12	2.3		0.025	0.34	UG/M3	2.3	
EPD-WA-03-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	1.3		0.0072	0.24	UG/M3	1.3	
EPD-WA-03-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49 U		0.013	0.49	UG/M3	0.49 U	
EPD-WA-03-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.14 J		0.1	0.36	UG/M3	0.14 J	
EPD-WA-03-092023	TO-15 SIM	95-47-6	O-XYLENE	0.45		0.01	0.12	UG/M3	0.45	
EPD-WA-03-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 U		0.1	0.18	UG/M3	0.18 U	
EPD-WA-03-092023	TO-15 SIM	108-88-3	TOLUENE	0.95		0.013	0.26	UG/M3	0.95	
EPD-WA-03-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.064 J		0.012	0.54	UG/M3	0.064 J	
EPD-WA-03-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-03-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035 U		0.01	0.035	UG/M3	0.035 U	
EPD-WA-04-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.3	5.8	UG/M3	5.8 U	
EPD-WA-04-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26 J		0.18	0.76	UG/M3	0.26 J	
EPD-WA-04-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93 U		0.15	0.93	UG/M3	0.93 U	
EPD-WA-04-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-WA-04-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.15	0.76	UG/M3	0.76 U	
EPD-WA-04-092023	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.047	0.34	UG/M3	0.34 U	
EPD-WA-04-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93 U		0.093	0.93	UG/M3	0.93 U	
EPD-WA-04-092023	TO-15	123-91-1	1,4-DIOXANE	1.1		0.081	0.56	UG/M3	1.1	
EPD-WA-04-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.37 J		0.24	3.6	UG/M3	0.37 J	
EPD-WA-04-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.88 J		0.39	2.3	UG/M3	0.88 J	
EPD-WA-04-092023	TO-15	591-78-6	2-HEXANONE	3.2 U		0.6	3.2	UG/M3	3.2 U	
EPD-WA-04-092023	TO-15	67-63-0	2-PROPANOL	7.6 U		0.18	7.6	UG/M3	7.6 U	
EPD-WA-04-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.4 UJ		0.21	2.4	UG/M3	2.4 UJ	
EPD-WA-04-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.16 J		0.13	0.76	UG/M3	0.16 J	
EPD-WA-04-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-WA-04-092023	TO-15	67-64-1	ACETONE	11		0.55	7.4	UG/M3	11	
EPD-WA-04-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.23	0.8	UG/M3	0.80 U	
EPD-WA-04-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-04-092023	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-WA-04-092023	TO-15	74-83-9	BROMOMETHANE	30 U		1.4	30	UG/M3	30 U	
EPD-WA-04-092023	TO-15	75-15-0	CARBON DISULFIDE	0.38 J		0.11	2.4	UG/M3	0.38 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092023	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.082	0.71	UG/M3	0.71 U	
EPD-WA-04-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-04-092023	TO-15	98-82-8	CUMENE	0.76 U		0.07	0.76	UG/M3	0.76 U	
EPD-WA-04-092023	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45	2.7	UG/M3	2.7 U	
EPD-WA-04-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-WA-04-092023	TO-15	64-17-5	ETHANOL	1.9 J		0.74	5.8	UG/M3	1.9 J	
EPD-WA-04-092023	TO-15	75-69-4	FREON 11	1.4		0.13	0.87	UG/M3	1.4	
EPD-WA-04-092023	TO-15	76-13-1	FREON 113	0.59 J		0.12	1.2	UG/M3	0.59 J	
EPD-WA-04-092023	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-WA-04-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.54	8.3	UG/M3	8.3 U	
EPD-WA-04-092023	TO-15	110-54-3	HEXANE	0.51 J		0.25	2.7	UG/M3	0.51 J	
EPD-WA-04-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.38 J		0.34	1.1	UG/M3	0.38 J	
EPD-WA-04-092023	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-WA-04-092023	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-04-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-WA-04-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-04-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	
EPD-WA-04-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-WA-04-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-WA-04-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-WA-04-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-WA-04-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.084	0.24	UG/M3	0.24 U	
EPD-WA-04-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.047 J		0.032	0.12	UG/M3	0.047 J	
EPD-WA-04-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.066	0.19	UG/M3	0.19 U	
EPD-WA-04-092023	TO-15 SIM	71-43-2	BENZENE	0.72		0.028	0.25	UG/M3	0.72	
EPD-WA-04-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.041	0.2	UG/M3	0.48	
EPD-WA-04-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-WA-04-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.093 J		0.022	0.15	UG/M3	0.093 J	
EPD-WA-04-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87 J		0.32	1.6	UG/M3	0.87 J	
EPD-WA-04-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-04-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.013	0.13	UG/M3	0.17	
EPD-WA-04-092023	TO-15 SIM	76-14-2	FREON 114	0.14 J		0.018	0.22	UG/M3	0.14 J	
EPD-WA-04-092023	TO-15 SIM	75-71-8	FREON 12	2.4		0.028	0.38	UG/M3	2.4	
EPD-WA-04-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.58		0.0082	0.27	UG/M3	0.58	
EPD-WA-04-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.015	0.56	UG/M3	0.56 U	
EPD-WA-04-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.41 U		0.12	0.41	UG/M3	0.41 U	
EPD-WA-04-092023	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.011	0.13	UG/M3	0.21	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.15	J	0.12	0.21	UG/M3	0.15	J
EPD-WA-04-092023	TO-15 SIM	108-88-3	TOLUENE	1.1		0.015	0.29	UG/M3	1.1	
EPD-WA-04-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.014	0.61	UG/M3	0.61	U
EPD-WA-04-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-04-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.011	0.04	UG/M3	0.040	U
EPD-WA-05-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U	1.1	5.1	UG/M3	5.1	U
EPD-WA-05-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.51	J	0.16	0.68	UG/M3	0.51	J
EPD-WA-05-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83	U	0.13	0.83	UG/M3	0.83	U
EPD-WA-05-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-05-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.15	J	0.14	0.68	UG/M3	0.15	J
EPD-WA-05-092023	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.042	0.3	UG/M3	0.30	U
EPD-WA-05-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83	U	0.082	0.83	UG/M3	0.83	U
EPD-WA-05-092023	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.072	0.5	UG/M3	0.50	U
EPD-WA-05-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.68	J	0.21	3.2	UG/M3	0.68	J
EPD-WA-05-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2	U	0.35	2	UG/M3	2.0	U
EPD-WA-05-092023	TO-15	591-78-6	2-HEXANONE	2.8	U	0.54	2.8	UG/M3	2.8	U
EPD-WA-05-092023	TO-15	67-63-0	2-PROPANOL	6.8	U	0.16	6.8	UG/M3	6.8	U
EPD-WA-05-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.2	UJ	0.19	2.2	UG/M3	2.2	UJ
EPD-WA-05-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.37	J	0.12	0.68	UG/M3	0.37	J
EPD-WA-05-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.17	0.56	UG/M3	0.56	U
EPD-WA-05-092023	TO-15	67-64-1	ACETONE	5.2	J	0.49	6.6	UG/M3	5.2	J
EPD-WA-05-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.21	0.71	UG/M3	0.71	U
EPD-WA-05-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.12	0.92	UG/M3	0.92	U
EPD-WA-05-092023	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-05-092023	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-05-092023	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.095	2.1	UG/M3	2.1	U
EPD-WA-05-092023	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.073	0.64	UG/M3	0.64	U
EPD-WA-05-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-05-092023	TO-15	98-82-8	CUMENE	0.68	U	0.063	0.68	UG/M3	0.68	U
EPD-WA-05-092023	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-WA-05-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-05-092023	TO-15	64-17-5	ETHANOL	3.2	J	0.66	5.2	UG/M3	3.2	J
EPD-WA-05-092023	TO-15	75-69-4	FREON 11	1.2		0.12	0.78	UG/M3	1.2	
EPD-WA-05-092023	TO-15	76-13-1	FREON 113	0.5	J	0.11	1	UG/M3	0.50	J
EPD-WA-05-092023	TO-15	142-82-5	HEPTANE	0.42	J	0.39	2.8	UG/M3	0.42	J
EPD-WA-05-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.48	7.4	UG/M3	7.4	U
EPD-WA-05-092023	TO-15	110-54-3	HEXANE	0.83	J	0.22	2.4	UG/M3	0.83	J
EPD-WA-05-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.54	J	0.3	0.96	UG/M3	0.54	J
EPD-WA-05-092023	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092023	TO-15	100-42-5	STYRENE	0.59 U		0.096	0.59	UG/M3	0.59 U	
EPD-WA-05-092023	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.34	2	UG/M3	2.0 U	
EPD-WA-05-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.13	0.63	UG/M3	0.63 U	
EPD-WA-05-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-092023	TO-15	106-97-8	BUTANE	0.75 NJ				PPBV	0.75 NJ	
EPD-WA-05-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1 NJ				PPBV	1.1 NJ	
EPD-WA-05-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-05-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.08	0.19	UG/M3	0.19 U	
EPD-WA-05-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.052	0.15	UG/M3	0.15 U	
EPD-WA-05-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-WA-05-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.021	0.055	UG/M3	0.055 U	
EPD-WA-05-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.075	0.21	UG/M3	0.21 U	
EPD-WA-05-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.028	0.11	UG/M3	0.046 J	
EPD-WA-05-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 U		0.059	0.16	UG/M3	0.16 U	
EPD-WA-05-092023	TO-15 SIM	71-43-2	BENZENE	0.78		0.025	0.22	UG/M3	0.78	
EPD-WA-05-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.037	0.17	UG/M3	0.46	
EPD-WA-05-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.02	0.18	UG/M3	0.18 U	
EPD-WA-05-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.11 J		0.02	0.13	UG/M3	0.11 J	
EPD-WA-05-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82 J		0.29	1.4	UG/M3	0.82 J	
EPD-WA-05-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-05-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.22		0.012	0.12	UG/M3	0.22	
EPD-WA-05-092023	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.016	0.19	UG/M3	0.13 J	
EPD-WA-05-092023	TO-15 SIM	75-71-8	FREON 12	2.4		0.025	0.34	UG/M3	2.4	
EPD-WA-05-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.78		0.0073	0.24	UG/M3	0.78	
EPD-WA-05-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.014	0.5	UG/M3	0.50 U	
EPD-WA-05-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.1	0.36	UG/M3	0.12 J	
EPD-WA-05-092023	TO-15 SIM	95-47-6	O-XYLENE	0.31		0.01	0.12	UG/M3	0.31	
EPD-WA-05-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19 U		0.1	0.19	UG/M3	0.19 U	
EPD-WA-05-092023	TO-15 SIM	108-88-3	TOLUENE	1.8		0.013	0.26	UG/M3	1.8	
EPD-WA-05-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.012	0.55	UG/M3	0.55 U	
EPD-WA-05-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-05-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035 U		0.01	0.035	UG/M3	0.035 U	
EPD-WA-06-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-WA-06-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.38 J		0.17	0.7	UG/M3	0.38 J	
EPD-WA-06-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.14	0.86	UG/M3	0.86 U	
EPD-WA-06-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-WA-06-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-06-092023	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.043	0.32	UG/M3	0.32 U	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.086	0.86	UG/M3	0.86 U	
EPD-WA-06-092023	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.074	0.52	UG/M3	0.52 U	
EPD-WA-06-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.58 J		0.22	3.3	UG/M3	0.58 J	
EPD-WA-06-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.56 J		0.36	2.1	UG/M3	0.56 J	
EPD-WA-06-092023	TO-15	591-78-6	2-HEXANONE	2.9 U		0.56	2.9	UG/M3	2.9 U	
EPD-WA-06-092023	TO-15	67-63-0	2-PROPANOL	7 U		0.17	7	UG/M3	7.0 U	
EPD-WA-06-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-WA-06-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.29 J		0.12	0.7	UG/M3	0.29 J	
EPD-WA-06-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.18	0.58	UG/M3	0.58 U	
EPD-WA-06-092023	TO-15	67-64-1	ACETONE	12		0.51	6.8	UG/M3	12	
EPD-WA-06-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-06-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-WA-06-092023	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-06-092023	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-06-092023	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.098	2.2	UG/M3	2.2 U	
EPD-WA-06-092023	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.076	0.66	UG/M3	0.66 U	
EPD-WA-06-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.17	0.65	UG/M3	0.65 U	
EPD-WA-06-092023	TO-15	98-82-8	CUMENE	0.7 U		0.065	0.7	UG/M3	0.70 U	
EPD-WA-06-092023	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-06-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-06-092023	TO-15	64-17-5	ETHANOL	4.5 J		0.68	5.4	UG/M3	4.5 J	
EPD-WA-06-092023	TO-15	75-69-4	FREON 11	1.3		0.12	0.8	UG/M3	1.3	
EPD-WA-06-092023	TO-15	76-13-1	FREON 113	0.53 J		0.11	1.1	UG/M3	0.53 J	
EPD-WA-06-092023	TO-15	142-82-5	HEPTANE	0.5 J		0.41	2.9	UG/M3	0.50 J	
EPD-WA-06-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		0.5	7.6	UG/M3	7.6 U	
EPD-WA-06-092023	TO-15	110-54-3	HEXANE	0.79 J		0.23	2.5	UG/M3	0.79 J	
EPD-WA-06-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.42 J		0.31	0.99	UG/M3	0.42 J	
EPD-WA-06-092023	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.16	0.7	UG/M3	0.70 U	
EPD-WA-06-092023	TO-15	100-42-5	STYRENE	0.61 U		0.099	0.61	UG/M3	0.61 U	
EPD-WA-06-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-WA-06-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-06-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-092023	TO-15	106-97-8	BUTANE	0.83 NJ				PPBV	0.83 NJ	
EPD-WA-06-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	1 NJ				PPBV	1.0 NJ	
EPD-WA-06-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-092023	TO-15	109-66-0	PENTANE	0.86 NJ				PPBV	0.86 NJ	
EPD-WA-06-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.02	0.16	UG/M3	0.16 U	
EPD-WA-06-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.083	0.2	UG/M3	0.20 U	
EPD-WA-06-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054	0.16	UG/M3	0.16 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-WA-06-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-06-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-06-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043	J	0.03	0.12	UG/M3	0.043	J
EPD-WA-06-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-WA-06-092023	TO-15 SIM	71-43-2	BENZENE	1		0.026	0.23	UG/M3	1.0	
EPD-WA-06-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.038	0.18	UG/M3	0.47	
EPD-WA-06-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-06-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.02	0.14	UG/M3	0.10	J
EPD-WA-06-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.85	J	0.3	1.5	UG/M3	0.85	J
EPD-WA-06-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-06-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.012	0.12	UG/M3	0.25	
EPD-WA-06-092023	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-WA-06-092023	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.35	UG/M3	2.4	
EPD-WA-06-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.78		0.0076	0.25	UG/M3	0.78	
EPD-WA-06-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-06-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.11	0.37	UG/M3	0.17	J
EPD-WA-06-092023	TO-15 SIM	95-47-6	O-XYLENE	0.29		0.01	0.12	UG/M3	0.29	
EPD-WA-06-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.11	0.19	UG/M3	0.19	U
EPD-WA-06-092023	TO-15 SIM	108-88-3	TOLUENE	1.5		0.014	0.27	UG/M3	1.5	
EPD-WA-06-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-WA-06-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-06-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.011	0.036	UG/M3	0.036	U
EPD-WA-66-092023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.2	5.2	UG/M3	5.2	U
EPD-WA-66-092023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.31	J	0.17	0.69	UG/M3	0.31	J
EPD-WA-66-092023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-WA-66-092023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-66-092023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-66-092023	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U
EPD-WA-66-092023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.084	0.85	UG/M3	0.85	U
EPD-WA-66-092023	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.073	0.51	UG/M3	0.51	U
EPD-WA-66-092023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.59	J	0.21	3.3	UG/M3	0.59	J
EPD-WA-66-092023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.64	J	0.36	2.1	UG/M3	0.64	J
EPD-WA-66-092023	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-WA-66-092023	TO-15	67-63-0	2-PROPANOL	6.9	U	0.17	6.9	UG/M3	6.9	U
EPD-WA-66-092023	TO-15	107-05-1	3-CHLOROPROPENE	2.2	UJ	0.2	2.2	UG/M3	2.2	UJ
EPD-WA-66-092023	TO-15	622-96-8	4-ETHYLTOLUENE	0.28	J	0.12	0.69	UG/M3	0.28	J
EPD-WA-66-092023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-66-092023	TO-15	67-64-1	ACETONE	9.7		0.5	6.7	UG/M3	9.7	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-66-092023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73 U		0.21	0.73	UG/M3	0.73 U	
EPD-WA-66-092023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.12	0.94	UG/M3	0.94 U	
EPD-WA-66-092023	TO-15	75-25-2	BROMOFORM	1.4 U		0.14	1.4	UG/M3	1.4 U	
EPD-WA-66-092023	TO-15	74-83-9	BROMOMETHANE	27 U		1.3	27	UG/M3	27 U	
EPD-WA-66-092023	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.097	2.2	UG/M3	2.2 U	
EPD-WA-66-092023	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.075	0.65	UG/M3	0.65 U	
EPD-WA-66-092023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-WA-66-092023	TO-15	98-82-8	CUMENE	0.69 U		0.064	0.69	UG/M3	0.69 U	
EPD-WA-66-092023	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-WA-66-092023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-66-092023	TO-15	64-17-5	ETHANOL	4.2 J		0.68	5.3	UG/M3	4.2 J	
EPD-WA-66-092023	TO-15	75-69-4	FREON 11	1.4		0.12	0.79	UG/M3	1.4	
EPD-WA-66-092023	TO-15	76-13-1	FREON 113	0.51 J		0.11	1.1	UG/M3	0.51 J	
EPD-WA-66-092023	TO-15	142-82-5	HEPTANE	0.42 J		0.4	2.9	UG/M3	0.42 J	
EPD-WA-66-092023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		0.49	7.5	UG/M3	7.5 U	
EPD-WA-66-092023	TO-15	110-54-3	HEXANE	0.8 J		0.22	2.5	UG/M3	0.80 J	
EPD-WA-66-092023	TO-15	75-09-2	METHYLENE CHLORIDE	0.44 J		0.3	0.98	UG/M3	0.44 J	
EPD-WA-66-092023	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.16	0.69	UG/M3	0.69 U	
EPD-WA-66-092023	TO-15	100-42-5	STYRENE	0.6 U		0.098	0.6	UG/M3	0.60 U	
EPD-WA-66-092023	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.35	2.1	UG/M3	2.1 U	
EPD-WA-66-092023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-WA-66-092023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-66-092023	TO-15	78-78-4	BUTANE, 2-METHYL-	0.98 NJ				PPBV	0.98 NJ	
EPD-WA-66-092023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-66-092023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-66-092023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.082	0.19	UG/M3	0.19 U	
EPD-WA-66-092023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.053	0.15	UG/M3	0.15 U	
EPD-WA-66-092023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-WA-66-092023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.021	0.056	UG/M3	0.056 U	
EPD-WA-66-092023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.076	0.22	UG/M3	0.22 U	
EPD-WA-66-092023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.029	0.11	UG/M3	0.046 J	
EPD-WA-66-092023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-WA-66-092023	TO-15 SIM	71-43-2	BENZENE	1		0.025	0.22	UG/M3	1.0	
EPD-WA-66-092023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.038	0.18	UG/M3	0.46	
EPD-WA-66-092023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-WA-66-092023	TO-15 SIM	67-66-3	CHLOROFORM	0.095 J		0.02	0.14	UG/M3	0.095 J	
EPD-WA-66-092023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82 J		0.29	1.4	UG/M3	0.82 J	
EPD-WA-66-092023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-66-092023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.24		0.012	0.12	UG/M3	0.24	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309373

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-66-092023	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-66-092023	TO-15 SIM	75-71-8	FREON 12	2.3		0.026	0.35	UG/M3	2.3	
EPD-WA-66-092023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.75		0.0075	0.24	UG/M3	0.75	
EPD-WA-66-092023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-WA-66-092023	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.11	0.37	UG/M3	0.17	J
EPD-WA-66-092023	TO-15 SIM	95-47-6	O-XYLENE	0.28		0.01	0.12	UG/M3	0.28	
EPD-WA-66-092023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-66-092023	TO-15 SIM	108-88-3	TOLUENE	1.4		0.014	0.26	UG/M3	1.4	
EPD-WA-66-092023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-WA-66-092023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-66-092023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U

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

<b>Site Name</b>	E Palestine Site - ER	<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	2200c		
<b>Laboratory Report No.</b>	2309416	<b>Laboratory</b>	Eurofins Air Toxics, LLC – Folsom, CA
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
<b>Samples and Matrix</b>	Nine air samples including one field duplicate pair		
<b>Collection Date(s)</b>	09/21/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-05-092123/EPD-WA-55-092123		
<b>Field QC Blanks</b>	None		

**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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	Laboratory control sample/laboratory control sample duplicate relative percent differences (RPD) and chain-of-custody (COC) form were not provided in the Level I laboratory report. The laboratory provided the RPDs and COC form 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	<p>TO-15 scan (2309416-10A): 1,2-Dichlorobenzene and 1,3-dichlorobenzene were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All 1,2-dichlorobenzene and 1,3-dichlorobenzene sample results were nondetect; therefore, no qualifications were necessary.</p> <p>TO-15 SIM (2309416-10B): 1,4-Dichlorobenzene and m,p-xylene were detected in the method blank at levels between the MDL and RL. The m,p-Xylene result in EPD-WA-04-092123 was detected below the RL. It was therefore qualified as nondetect (flagged U) at the RL. All 1,4-dichlorobenzene sample results were nondetect; therefore, no qualifications were necessary. All other m,p-xylene results were greater than the RL and greater than 10 times the blank concentration and were not qualified.</p> <p>TO-15 SIM (2309416-10D): 1,2-Dibromoethane, 1,4-dichlorobenzene, m,p-xylene and o-xylene were detected in the method blank at levels between the MDL and RL. All 1,2-dibromoethane and 1,4-dichlorobenzene sample results were nondetect and all m,p-xylene and o-xylene sample results were greater than or equal to ten times the blank value; therefore, no qualifications were necessary.</p>

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

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

**Surrogates and labeled compounds:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**MS/MSDs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

**Laboratory duplicates:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

**Field duplicates:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	EPD-WA-05-092123/EPD-WA-55-092123: Field duplicate precision criterion was not met for acetone. The acetone results in EPD-WA-05-092123 and EPD-WA-55-092123 were qualified as estimated (flagged J).

**LCSs/LCSDs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	<p>TO-15 scan (2309416-12C/2309416-12CC): The percent recoveries of 3-chloropropene exceeded the site-specific QAPP acceptance criteria in the LCS and LCSD. All associated 3-chloropropene sample results were nondetect; therefore, no qualifications were was applied.</p> <p>TO-15 SIM (2309416-12D/2309416-12DD): The percent recoveries of 1,4-dichlorobenzene were below the site-specific QAPP acceptance criteria in the LCS and LCSD. All associated 1,4-dichlorobenzene sample results were nondetect; therefore, the results were qualified as estimated (flagged UJ).</p>

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

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.10 to 1.57. 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 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	<p>CCV 2309416-11A had low percent recovery of 3-chloropropene. All 3-chloropropene results in samples were qualified as estimated (flagged UJ).</p> <p>CCV 2309416-11C had high percent recovery of 3-chloropropene. All 3-chloropropene results in samples were qualified as estimated (flagged UJ).</p> <p>CCV 2309416-11D had low percent recovery of 1,4-dichlorobenzene. All 1,4-dichlorobenzene results in samples were qualified as estimated (flagged UJ).</p>

**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. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.1 U		0.85	4.1	UG/M3	4.1 U	
EPD-DW-G-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.23 J		0.11	0.54	UG/M3	0.23 J	
EPD-DW-G-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-DW-G-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.51 U		0.14	0.51	UG/M3	0.51 U	
EPD-DW-G-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.54 U		0.1	0.54	UG/M3	0.54 U	
EPD-DW-G-092123	TO-15	106-99-0	1,3-BUTADIENE	0.24 U		0.042	0.24	UG/M3	0.24 U	
EPD-DW-G-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-DW-G-092123	TO-15	123-91-1	1,4-DIOXANE	0.4 U		0.11	0.4	UG/M3	0.40 U	
EPD-DW-G-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.24 J		0.21	2.6	UG/M3	0.24 J	
EPD-DW-G-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.84 J		0.15	1.6	UG/M3	0.84 J	
EPD-DW-G-092123	TO-15	591-78-6	2-HEXANONE	2.2 U		0.34	2.2	UG/M3	2.2 U	
EPD-DW-G-092123	TO-15	67-63-0	2-PROPANOL	5.4 U		0.25	5.4	UG/M3	5.4 U	
EPD-DW-G-092123	TO-15	107-05-1	3-CHLOROPROPENE	1.7 U		0.19	1.7	UG/M3	1.7 U	
EPD-DW-G-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.26 J		0.14	0.54	UG/M3	0.26 J	
EPD-DW-G-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.45 U		0.14	0.45	UG/M3	0.45 U	
EPD-DW-G-092123	TO-15	67-64-1	ACETONE	6.2		0.76	5.2	UG/M3	6.2	
EPD-DW-G-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.57 U		0.095	0.57	UG/M3	0.57 U	
EPD-DW-G-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.74 U		0.096	0.74	UG/M3	0.74 U	
EPD-DW-G-092123	TO-15	75-25-2	BROMOFORM	1.1 U		0.17	1.1	UG/M3	1.1 U	
EPD-DW-G-092123	TO-15	74-83-9	BROMOMETHANE	21 U		0.9	21	UG/M3	21 U	
EPD-DW-G-092123	TO-15	75-15-0	CARBON DISULFIDE	1.7 U		0.46	1.7	UG/M3	1.7 U	
EPD-DW-G-092123	TO-15	108-90-7	CHLOROBENZENE	0.51 U		0.04	0.51	UG/M3	0.51 U	
EPD-DW-G-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.5 U		0.078	0.5	UG/M3	0.50 U	
EPD-DW-G-092123	TO-15	98-82-8	CUMENE	0.54 U		0.069	0.54	UG/M3	0.54 U	
EPD-DW-G-092123	TO-15	110-82-7	CYCLOHEXANE	1.9 U		0.18	1.9	UG/M3	1.9 U	
EPD-DW-G-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	0.94 U		0.11	0.94	UG/M3	0.94 U	
EPD-DW-G-092123	TO-15	64-17-5	ETHANOL	2.3 J		0.32	4.1	UG/M3	2.3 J	
EPD-DW-G-092123	TO-15	75-69-4	FREON 11	0.82		0.098	0.62	UG/M3	0.82	
EPD-DW-G-092123	TO-15	76-13-1	FREON 113	0.36 J		0.14	0.84	UG/M3	0.36 J	
EPD-DW-G-092123	TO-15	142-82-5	HEPTANE	2.2 U		0.17	2.2	UG/M3	2.2 U	
EPD-DW-G-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	5.9 U		1.4	5.9	UG/M3	5.9 U	
EPD-DW-G-092123	TO-15	110-54-3	HEXANE	0.41 J		0.17	1.9	UG/M3	0.41 J	
EPD-DW-G-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.76 U		0.69	0.76	UG/M3	0.76 U	
EPD-DW-G-092123	TO-15	103-65-1	PROPYLBENZENE	0.54 U		0.11	0.54	UG/M3	0.54 U	
EPD-DW-G-092123	TO-15	100-42-5	STYRENE	0.47 U		0.094	0.47	UG/M3	0.47 U	
EPD-DW-G-092123	TO-15	109-99-9	TETRAHYDROFURAN	1.6 U		0.33	1.6	UG/M3	1.6 U	
EPD-DW-G-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.5 U		0.12	0.5	UG/M3	0.50 U	
EPD-DW-G-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-G-092123	TO-15	78-78-4	BUTANE, 2-METHYL-	0.61 NJ				PPBV	0.61 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-DW-G-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.12 U		0.0094	0.12	UG/M3	0.12 U	
EPD-DW-G-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.15 U		0.041	0.15	UG/M3	0.15 U	
EPD-DW-G-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.12 U		0.0068	0.12	UG/M3	0.12 U	
EPD-DW-G-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.089 U		0.0096	0.089	UG/M3	0.089 U	
EPD-DW-G-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.044 U		0.0087	0.044	UG/M3	0.044 U	
EPD-DW-G-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.17 U		0.01	0.17	UG/M3	0.17 U	
EPD-DW-G-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.025 J		0.0085	0.089	UG/M3	0.025 J	
EPD-DW-G-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.13 UJ		0.066	0.13	UG/M3	0.13 UJ	
EPD-DW-G-092123	TO-15 SIM	71-43-2	BENZENE	0.5		0.014	0.18	UG/M3	0.50	
EPD-DW-G-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.3		0.006	0.14	UG/M3	0.30	
EPD-DW-G-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.14 U		0.026	0.14	UG/M3	0.14 U	
EPD-DW-G-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.08 J		0.0066	0.11	UG/M3	0.080 J	
EPD-DW-G-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.48 J		0.16	1.1	UG/M3	0.48 J	
EPD-DW-G-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.087 U		0.0062	0.087	UG/M3	0.087 U	
EPD-DW-G-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13		0.0048	0.096	UG/M3	0.13	
EPD-DW-G-092123	TO-15 SIM	76-14-2	FREON 114	0.074 J		0.0092	0.15	UG/M3	0.074 J	
EPD-DW-G-092123	TO-15 SIM	75-71-8	FREON 12	1.4		0.0068	0.27	UG/M3	1.4	
EPD-DW-G-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.54		0.0099	0.19	UG/M3	0.54	
EPD-DW-G-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.4 U		0.0049	0.4	UG/M3	0.40 U	
EPD-DW-G-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.11 J		0.075	0.29	UG/M3	0.11 J	
EPD-DW-G-092123	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.014	0.096	UG/M3	0.21	
EPD-DW-G-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.072 J		0.01	0.15	UG/M3	0.072 J	
EPD-DW-G-092123	TO-15 SIM	108-88-3	TOLUENE	0.87		0.0095	0.21	UG/M3	0.87	
EPD-DW-G-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.44 U		0.0071	0.44	UG/M3	0.44 U	
EPD-DW-G-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-DW-G-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.028 U		0.0042	0.028	UG/M3	0.028 U	
EPD-UW-C-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		1.1	5.1	UG/M3	5.1 U	
EPD-UW-C-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.25 J		0.14	0.68	UG/M3	0.25 J	
EPD-UW-C-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83 U		0.18	0.83	UG/M3	0.83 U	
EPD-UW-C-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-UW-C-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-UW-C-092123	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.053	0.3	UG/M3	0.30 U	
EPD-UW-C-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83 U		0.12	0.83	UG/M3	0.83 U	
EPD-UW-C-092123	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-UW-C-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.26	3.2	UG/M3	3.2 U	
EPD-UW-C-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.8 J		0.19	2	UG/M3	1.8 J	
EPD-UW-C-092123	TO-15	591-78-6	2-HEXANONE	2.8 U		0.43	2.8	UG/M3	2.8 U	
EPD-UW-C-092123	TO-15	67-63-0	2-PROPANOL	6.8 U		0.31	6.8	UG/M3	6.8 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	UJ
EPD-UW-C-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.25	J	0.17	0.68	UG/M3	0.25	J
EPD-UW-C-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.18	0.56	UG/M3	0.56	U
EPD-UW-C-092123	TO-15	67-64-1	ACETONE	11		0.96	6.6	UG/M3	11	
EPD-UW-C-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.12	0.71	UG/M3	0.71	U
EPD-UW-C-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.12	0.92	UG/M3	0.92	U
EPD-UW-C-092123	TO-15	75-25-2	BROMOFORM	1.4	U	0.21	1.4	UG/M3	1.4	U
EPD-UW-C-092123	TO-15	74-83-9	BROMOMETHANE	27	U	1.1	27	UG/M3	27	U
EPD-UW-C-092123	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.58	2.1	UG/M3	2.1	U
EPD-UW-C-092123	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.05	0.64	UG/M3	0.64	U
EPD-UW-C-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.098	0.63	UG/M3	0.63	U
EPD-UW-C-092123	TO-15	98-82-8	CUMENE	0.68	U	0.086	0.68	UG/M3	0.68	U
EPD-UW-C-092123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.23	2.4	UG/M3	2.4	U
EPD-UW-C-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.14	1.2	UG/M3	1.2	U
EPD-UW-C-092123	TO-15	64-17-5	ETHANOL	1.1	J	0.41	5.2	UG/M3	1.1	J
EPD-UW-C-092123	TO-15	75-69-4	FREON 11	1		0.12	0.78	UG/M3	1.0	
EPD-UW-C-092123	TO-15	76-13-1	FREON 113	0.41	J	0.17	1	UG/M3	0.41	J
EPD-UW-C-092123	TO-15	142-82-5	HEPTANE	2.8	U	0.22	2.8	UG/M3	2.8	U
EPD-UW-C-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	1.7	7.4	UG/M3	7.4	U
EPD-UW-C-092123	TO-15	110-54-3	HEXANE	0.29	J	0.22	2.4	UG/M3	0.29	J
EPD-UW-C-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.96	U	0.87	0.96	UG/M3	0.96	U
EPD-UW-C-092123	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.13	0.68	UG/M3	0.68	U
EPD-UW-C-092123	TO-15	100-42-5	STYRENE	0.59	U	0.12	0.59	UG/M3	0.59	U
EPD-UW-C-092123	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.42	2	UG/M3	2.0	U
EPD-UW-C-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.15	0.63	UG/M3	0.63	U
EPD-UW-C-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-C-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-C-092123	TO-15	124-19-6	NONANAL	0.77	NJ			PPBV	0.77	NJ
EPD-UW-C-092123	TO-15	124-13-0	OCTANAL	0.74	NJ			PPBV	0.74	NJ
EPD-UW-C-092123	TO-15	NA	UNKNOWN TIC	0.87	J			PPBV	0.87	J
EPD-UW-C-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-UW-C-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.052	0.19	UG/M3	0.19	U
EPD-UW-C-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0086	0.15	UG/M3	0.15	U
EPD-UW-C-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.012	0.11	UG/M3	0.11	U
EPD-UW-C-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.011	0.055	UG/M3	0.055	U
EPD-UW-C-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.013	0.21	UG/M3	0.21	U
EPD-UW-C-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032	J	0.011	0.11	UG/M3	0.032	J
EPD-UW-C-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	UJ	0.083	0.16	UG/M3	0.16	UJ
EPD-UW-C-092123	TO-15 SIM	71-43-2	BENZENE	0.53		0.018	0.22	UG/M3	0.53	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0076	0.17	UG/M3	0.38	
EPD-UW-C-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.033	0.18	UG/M3	0.18	U
EPD-UW-C-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.0082	0.13	UG/M3	0.081	J
EPD-UW-C-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.6	J	0.2	1.4	UG/M3	0.60	J
EPD-UW-C-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0078	0.11	UG/M3	0.11	U
EPD-UW-C-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.006	0.12	UG/M3	0.11	J
EPD-UW-C-092123	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.012	0.19	UG/M3	0.092	J
EPD-UW-C-092123	TO-15 SIM	75-71-8	FREON 12	1.8		0.0085	0.34	UG/M3	1.8	
EPD-UW-C-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.34		0.012	0.24	UG/M3	0.34	
EPD-UW-C-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.0062	0.5	UG/M3	0.50	U
EPD-UW-C-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.23	J	0.094	0.36	UG/M3	0.23	J
EPD-UW-C-092123	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.018	0.12	UG/M3	0.13	
EPD-UW-C-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.14	J	0.012	0.19	UG/M3	0.14	J
EPD-UW-C-092123	TO-15 SIM	108-88-3	TOLUENE	1.2		0.012	0.26	UG/M3	1.2	
EPD-UW-C-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.081	J	0.0089	0.55	UG/M3	0.081	J
EPD-UW-C-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018	J	0.016	0.15	UG/M3	0.018	J
EPD-UW-C-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.0052	0.035	UG/M3	0.035	U
EPD-WA-01-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.2	5.2	UG/M3	5.2	U
EPD-WA-01-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.24	J	0.17	0.69	UG/M3	0.24	J
EPD-WA-01-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-WA-01-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-01-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-01-092123	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U
EPD-WA-01-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.084	0.85	UG/M3	0.85	U
EPD-WA-01-092123	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.073	0.51	UG/M3	0.51	U
EPD-WA-01-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.48	J	0.21	3.3	UG/M3	0.48	J
EPD-WA-01-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.37	J	0.36	2.1	UG/M3	0.37	J
EPD-WA-01-092123	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-WA-01-092123	TO-15	67-63-0	2-PROPANOL	6.9	U	0.17	6.9	UG/M3	6.9	U
EPD-WA-01-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	UJ	0.2	2.2	UG/M3	2.2	UJ
EPD-WA-01-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.19	J	0.12	0.69	UG/M3	0.19	J
EPD-WA-01-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-01-092123	TO-15	67-64-1	ACETONE	5.1	J	0.5	6.7	UG/M3	5.1	J
EPD-WA-01-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73	U	0.21	0.73	UG/M3	0.73	U
EPD-WA-01-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-01-092123	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-01-092123	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-01-092123	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.097	2.2	UG/M3	2.2	U
EPD-WA-01-092123	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.075	0.65	UG/M3	0.65	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-WA-01-092123	TO-15	98-82-8	CUMENE	0.69 U		0.064	0.69	UG/M3	0.69 U	
EPD-WA-01-092123	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-WA-01-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-01-092123	TO-15	64-17-5	ETHANOL	1.5 J		0.68	5.3	UG/M3	1.5 J	
EPD-WA-01-092123	TO-15	75-69-4	FREON 11	1.3		0.12	0.79	UG/M3	1.3	
EPD-WA-01-092123	TO-15	76-13-1	FREON 113	0.53 J		0.11	1.1	UG/M3	0.53 J	
EPD-WA-01-092123	TO-15	142-82-5	HEPTANE	2.9 U		0.4	2.9	UG/M3	2.9 U	
EPD-WA-01-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		0.49	7.5	UG/M3	7.5 U	
EPD-WA-01-092123	TO-15	110-54-3	HEXANE	0.54 J		0.22	2.5	UG/M3	0.54 J	
EPD-WA-01-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.33 J		0.3	0.98	UG/M3	0.33 J	
EPD-WA-01-092123	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.16	0.69	UG/M3	0.69 U	
EPD-WA-01-092123	TO-15	100-42-5	STYRENE	0.6 U		0.098	0.6	UG/M3	0.60 U	
EPD-WA-01-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.35	2.1	UG/M3	2.1 U	
EPD-WA-01-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-WA-01-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-092123	TO-15	78-78-4	BUTANE, 2-METHYL-	0.73 NJ				PPBV	0.73 NJ	
EPD-WA-01-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-01-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.082	0.19	UG/M3	0.19 U	
EPD-WA-01-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.053	0.15	UG/M3	0.15 U	
EPD-WA-01-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-WA-01-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.021	0.056	UG/M3	0.056 U	
EPD-WA-01-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.076	0.22	UG/M3	0.22 U	
EPD-WA-01-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J		0.029	0.11	UG/M3	0.043 J	
EPD-WA-01-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-WA-01-092123	TO-15 SIM	71-43-2	BENZENE	0.66		0.025	0.22	UG/M3	0.66	
EPD-WA-01-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.038	0.18	UG/M3	0.50	
EPD-WA-01-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-WA-01-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.091 J		0.02	0.14	UG/M3	0.091 J	
EPD-WA-01-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.88 J		0.29	1.4	UG/M3	0.88 J	
EPD-WA-01-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-01-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.14		0.012	0.12	UG/M3	0.14	
EPD-WA-01-092123	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.016	0.2	UG/M3	0.13 J	
EPD-WA-01-092123	TO-15 SIM	75-71-8	FREON 12	2.5		0.026	0.35	UG/M3	2.5	
EPD-WA-01-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.46		0.0075	0.24	UG/M3	0.46	
EPD-WA-01-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.014	0.51	UG/M3	0.51 U	
EPD-WA-01-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.13 J		0.11	0.37	UG/M3	0.13 J	
EPD-WA-01-092123	TO-15 SIM	95-47-6	O-XYLENE	0.17		0.01	0.12	UG/M3	0.17	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.47		0.1	0.19	UG/M3	0.47	
EPD-WA-01-092123	TO-15 SIM	108-88-3	TOLUENE	1.1		0.014	0.26	UG/M3	1.1	
EPD-WA-01-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.013	0.56	UG/M3	0.56 U	
EPD-WA-01-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-01-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.01	0.036	UG/M3	0.036 U	
EPD-WA-02-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-WA-02-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.29 J		0.17	0.7	UG/M3	0.29 J	
EPD-WA-02-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.14	0.86	UG/M3	0.86 U	
EPD-WA-02-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-WA-02-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-02-092123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.043	0.32	UG/M3	0.32 U	
EPD-WA-02-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.086	0.86	UG/M3	0.86 U	
EPD-WA-02-092123	TO-15	123-91-1	1,4-DIOXANE	0.12 J		0.074	0.52	UG/M3	0.12 J	
EPD-WA-02-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.4 J		0.22	3.3	UG/M3	0.40 J	
EPD-WA-02-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2 J		0.36	2.1	UG/M3	2.0 J	
EPD-WA-02-092123	TO-15	591-78-6	2-HEXANONE	2.9 U		0.56	2.9	UG/M3	2.9 U	
EPD-WA-02-092123	TO-15	67-63-0	2-PROPANOL	7 U		0.17	7	UG/M3	7.0 U	
EPD-WA-02-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-WA-02-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.22 J		0.12	0.7	UG/M3	0.22 J	
EPD-WA-02-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.18	0.58	UG/M3	0.58 U	
EPD-WA-02-092123	TO-15	67-64-1	ACETONE	10		0.51	6.8	UG/M3	10	
EPD-WA-02-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-02-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-WA-02-092123	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-02-092123	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-02-092123	TO-15	75-15-0	CARBON DISULFIDE	0.25 J		0.098	2.2	UG/M3	0.25 J	
EPD-WA-02-092123	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.076	0.66	UG/M3	0.66 U	
EPD-WA-02-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.17	0.65	UG/M3	0.65 U	
EPD-WA-02-092123	TO-15	98-82-8	CUMENE	0.7 U		0.065	0.7	UG/M3	0.70 U	
EPD-WA-02-092123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-02-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-02-092123	TO-15	64-17-5	ETHANOL	12		0.68	5.4	UG/M3	12	
EPD-WA-02-092123	TO-15	75-69-4	FREON 11	1.3		0.12	0.8	UG/M3	1.3	
EPD-WA-02-092123	TO-15	76-13-1	FREON 113	0.48 J		0.11	1.1	UG/M3	0.48 J	
EPD-WA-02-092123	TO-15	142-82-5	HEPTANE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-WA-02-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		0.5	7.6	UG/M3	7.6 U	
EPD-WA-02-092123	TO-15	110-54-3	HEXANE	0.44 J		0.23	2.5	UG/M3	0.44 J	
EPD-WA-02-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.37 J		0.31	0.99	UG/M3	0.37 J	
EPD-WA-02-092123	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.16	0.7	UG/M3	0.70 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092123	TO-15	100-42-5	STYRENE	0.61 U		0.099	0.61	UG/M3	0.61 U	
EPD-WA-02-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-WA-02-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-02-092123	TO-15	693-54-9	2-DECANONE	1.8 NJ				PPBV	1.8 NJ	
EPD-WA-02-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-092123	TO-15	106-97-8	BUTANE	0.72 NJ				PPBV	0.72 NJ	
EPD-WA-02-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-02-092123	TO-15	19398-88-0	CIS-4-DECENE	0.9 NJ				PPBV	0.90 NJ	
EPD-WA-02-092123	TO-15	13151-94-5	CYCLOOCTANE, 1,2-DIMETHYL-	2.6 NJ				PPBV	2.6 NJ	
EPD-WA-02-092123	TO-15	18794-77-9	THIOPHENE, 2-HEXYL-	1.1 NJ				PPBV	1.1 NJ	
EPD-WA-02-092123	TO-15	NA	UNKNOWN TIC	0.9 J				PPBV	0.90 J	
EPD-WA-02-092123	TO-15	NA	UNKNOWN TIC	0.77 J				PPBV	0.77 J	
EPD-WA-02-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.021 J		0.02	0.16	UG/M3	0.021 J	
EPD-WA-02-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.083	0.2	UG/M3	0.20 U	
EPD-WA-02-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054	0.16	UG/M3	0.16 U	
EPD-WA-02-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.016	0.12	UG/M3	0.12 U	
EPD-WA-02-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-WA-02-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.077	0.22	UG/M3	0.22 U	
EPD-WA-02-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J		0.03	0.12	UG/M3	0.043 J	
EPD-WA-02-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.061	0.17	UG/M3	0.17 U	
EPD-WA-02-092123	TO-15 SIM	71-43-2	BENZENE	0.8		0.026	0.23	UG/M3	0.80	
EPD-WA-02-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.038	0.18	UG/M3	0.47	
EPD-WA-02-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-WA-02-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.095 J		0.02	0.14	UG/M3	0.095 J	
EPD-WA-02-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.84 J		0.3	1.5	UG/M3	0.84 J	
EPD-WA-02-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-02-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.012	0.12	UG/M3	0.17	
EPD-WA-02-092123	TO-15 SIM	76-14-2	FREON 114	0.13 J		0.016	0.2	UG/M3	0.13 J	
EPD-WA-02-092123	TO-15 SIM	75-71-8	FREON 12	2.3		0.026	0.35	UG/M3	2.3	
EPD-WA-02-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.5		0.0076	0.25	UG/M3	0.50	
EPD-WA-02-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.014	0.52	UG/M3	0.52 U	
EPD-WA-02-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.19 J		0.11	0.37	UG/M3	0.19 J	
EPD-WA-02-092123	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.01	0.12	UG/M3	0.19	
EPD-WA-02-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.16 J		0.11	0.19	UG/M3	0.16 J	
EPD-WA-02-092123	TO-15 SIM	108-88-3	TOLUENE	1.2		0.014	0.27	UG/M3	1.2	
EPD-WA-02-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.013	0.57	UG/M3	0.57 U	
EPD-WA-02-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-02-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.011	0.036	UG/M3	0.036 U	
EPD-WA-03-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.1	5.4	UG/M3	5.4 U	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.21 J		0.15	0.72	UG/M3	0.21 J	
EPD-WA-03-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.19	0.88	UG/M3	0.88 U	
EPD-WA-03-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-WA-03-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72 U		0.13	0.72	UG/M3	0.72 U	
EPD-WA-03-092123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.057	0.32	UG/M3	0.32 U	
EPD-WA-03-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.13	0.88	UG/M3	0.88 U	
EPD-WA-03-092123	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.14	0.53	UG/M3	0.53 U	
EPD-WA-03-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.28	3.4	UG/M3	3.4 U	
EPD-WA-03-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2 U		0.2	2.2	UG/M3	2.2 U	
EPD-WA-03-092123	TO-15	591-78-6	2-HEXANONE	3 U		0.46	3	UG/M3	3.0 U	
EPD-WA-03-092123	TO-15	67-63-0	2-PROPANOL	7.2 U		0.33	7.2	UG/M3	7.2 U	
EPD-WA-03-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.25	2.3	UG/M3	2.3 U	
EPD-WA-03-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.21 J		0.18	0.72	UG/M3	0.21 J	
EPD-WA-03-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6 U		0.19	0.6	UG/M3	0.60 U	
EPD-WA-03-092123	TO-15	67-64-1	ACETONE	4.8 J		1	7	UG/M3	4.8 J	
EPD-WA-03-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.13	0.76	UG/M3	0.76 U	
EPD-WA-03-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.13	0.98	UG/M3	0.98 U	
EPD-WA-03-092123	TO-15	75-25-2	BROMOFORM	1.5 U		0.23	1.5	UG/M3	1.5 U	
EPD-WA-03-092123	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-03-092123	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.61	2.3	UG/M3	2.3 U	
EPD-WA-03-092123	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.054	0.68	UG/M3	0.68 U	
EPD-WA-03-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.1	0.67	UG/M3	0.67 U	
EPD-WA-03-092123	TO-15	98-82-8	CUMENE	0.72 U		0.092	0.72	UG/M3	0.72 U	
EPD-WA-03-092123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-WA-03-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-03-092123	TO-15	64-17-5	ETHANOL	2.6 J		0.43	5.5	UG/M3	2.6 J	
EPD-WA-03-092123	TO-15	75-69-4	FREON 11	1		0.13	0.82	UG/M3	1.0	
EPD-WA-03-092123	TO-15	76-13-1	FREON 113	0.49 J		0.18	1.1	UG/M3	0.49 J	
EPD-WA-03-092123	TO-15	142-82-5	HEPTANE	3 U		0.23	3	UG/M3	3.0 U	
EPD-WA-03-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		1.8	7.8	UG/M3	7.8 U	
EPD-WA-03-092123	TO-15	110-54-3	HEXANE	0.34 J		0.23	2.6	UG/M3	0.34 J	
EPD-WA-03-092123	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.92	1	UG/M3	1.0 U	
EPD-WA-03-092123	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.14	0.72	UG/M3	0.72 U	
EPD-WA-03-092123	TO-15	100-42-5	STYRENE	0.63 U		0.12	0.63	UG/M3	0.63 U	
EPD-WA-03-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-03-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.16	0.67	UG/M3	0.67 U	
EPD-WA-03-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-03-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-03-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.055	0.2	UG/M3	0.20 U	
EPD-WA-03-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0091	0.16	UG/M3	0.16 U	
EPD-WA-03-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-WA-03-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.012	0.058	UG/M3	0.058 U	
EPD-WA-03-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-03-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032 J		0.011	0.12	UG/M3	0.032 J	
EPD-WA-03-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 UJ		0.088	0.18	UG/M3	0.18 UJ	
EPD-WA-03-092123	TO-15 SIM	71-43-2	BENZENE	0.54		0.019	0.23	UG/M3	0.54	
EPD-WA-03-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.008	0.18	UG/M3	0.38	
EPD-WA-03-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.035	0.19	UG/M3	0.19 U	
EPD-WA-03-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.088 J		0.0088	0.14	UG/M3	0.088 J	
EPD-WA-03-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64 J		0.22	1.5	UG/M3	0.64 J	
EPD-WA-03-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0083	0.12	UG/M3	0.12 U	
EPD-WA-03-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13		0.0064	0.13	UG/M3	0.13	
EPD-WA-03-092123	TO-15 SIM	76-14-2	FREON 114	0.099 J		0.012	0.2	UG/M3	0.099 J	
EPD-WA-03-092123	TO-15 SIM	75-71-8	FREON 12	1.9		0.0091	0.36	UG/M3	1.9	
EPD-WA-03-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.48		0.013	0.26	UG/M3	0.48	
EPD-WA-03-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.0066	0.53	UG/M3	0.53 U	
EPD-WA-03-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.17 J		0.1	0.38	UG/M3	0.17 J	
EPD-WA-03-092123	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.019	0.13	UG/M3	0.20	
EPD-WA-03-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.084 J		0.013	0.2	UG/M3	0.084 J	
EPD-WA-03-092123	TO-15 SIM	108-88-3	TOLUENE	0.76		0.013	0.28	UG/M3	0.76	
EPD-WA-03-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.0095	0.58	UG/M3	0.58 U	
EPD-WA-03-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.017	0.16	UG/M3	0.16 U	
EPD-WA-03-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.0056	0.038	UG/M3	0.038 U	
EPD-WA-04-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.2	5.4	UG/M3	5.4 U	
EPD-WA-04-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72 U		0.17	0.72	UG/M3	0.72 U	
EPD-WA-04-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.14	0.88	UG/M3	0.88 U	
EPD-WA-04-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-04-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72 U		0.14	0.72	UG/M3	0.72 U	
EPD-WA-04-092123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.044	0.32	UG/M3	0.32 U	
EPD-WA-04-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.087	0.88	UG/M3	0.88 U	
EPD-WA-04-092123	TO-15	123-91-1	1,4-DIOXANE	0.16 J		0.076	0.53	UG/M3	0.16 J	
EPD-WA-04-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.32 J		0.22	3.4	UG/M3	0.32 J	
EPD-WA-04-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.62 J		0.37	2.2	UG/M3	0.62 J	
EPD-WA-04-092123	TO-15	591-78-6	2-HEXANONE	3 U		0.57	3	UG/M3	3.0 U	
EPD-WA-04-092123	TO-15	67-63-0	2-PROPANOL	7.2 U		0.17	7.2	UG/M3	7.2 U	
EPD-WA-04-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.3 UJ		0.2	2.3	UG/M3	2.3 UJ	
EPD-WA-04-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.72 U		0.12	0.72	UG/M3	0.72 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6 U		0.18	0.6	UG/M3	0.60 U	
EPD-WA-04-092123	TO-15	67-64-1	ACETONE	11		0.52	6.9	UG/M3	11	
EPD-WA-04-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.22	0.76	UG/M3	0.76 U	
EPD-WA-04-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.12	0.98	UG/M3	0.98 U	
EPD-WA-04-092123	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-04-092123	TO-15	74-83-9	BROMOMETHANE	28 U		1.4	28	UG/M3	28 U	
EPD-WA-04-092123	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.1	2.3	UG/M3	2.3 U	
EPD-WA-04-092123	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.077	0.67	UG/M3	0.67 U	
EPD-WA-04-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-04-092123	TO-15	98-82-8	CUMENE	0.72 U		0.066	0.72	UG/M3	0.72 U	
EPD-WA-04-092123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-04-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-04-092123	TO-15	64-17-5	ETHANOL	1.8 J		0.7	5.5	UG/M3	1.8 J	
EPD-WA-04-092123	TO-15	75-69-4	FREON 11	1.4		0.12	0.82	UG/M3	1.4	
EPD-WA-04-092123	TO-15	76-13-1	FREON 113	0.52 J		0.11	1.1	UG/M3	0.52 J	
EPD-WA-04-092123	TO-15	142-82-5	HEPTANE	3 U		0.42	3	UG/M3	3.0 U	
EPD-WA-04-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		0.51	7.8	UG/M3	7.8 U	
EPD-WA-04-092123	TO-15	110-54-3	HEXANE	0.27 J		0.23	2.6	UG/M3	0.27 J	
EPD-WA-04-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.39 J		0.32	1	UG/M3	0.39 J	
EPD-WA-04-092123	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.16	0.72	UG/M3	0.72 U	
EPD-WA-04-092123	TO-15	100-42-5	STYRENE	0.62 U		0.1	0.62	UG/M3	0.62 U	
EPD-WA-04-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.36	2.2	UG/M3	2.2 U	
EPD-WA-04-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-WA-04-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-04-092123	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-04-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.055	0.16	UG/M3	0.16 U	
EPD-WA-04-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-04-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.022	0.058	UG/M3	0.058 U	
EPD-WA-04-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.079	0.22	UG/M3	0.22 U	
EPD-WA-04-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.03	0.12	UG/M3	0.041 J	
EPD-WA-04-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.062	0.18	UG/M3	0.18 U	
EPD-WA-04-092123	TO-15 SIM	71-43-2	BENZENE	0.49		0.026	0.23	UG/M3	0.49	
EPD-WA-04-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.039	0.18	UG/M3	0.45	
EPD-WA-04-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-WA-04-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.082 J		0.021	0.14	UG/M3	0.082 J	
EPD-WA-04-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.79 J		0.3	1.5	UG/M3	0.79 J	
EPD-WA-04-092123	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. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.079 J		0.012	0.13	UG/M3	0.079 J	
EPD-WA-04-092123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.016	0.2	UG/M3	0.12 J	
EPD-WA-04-092123	TO-15 SIM	75-71-8	FREON 12	2.2		0.026	0.36	UG/M3	2.2	
EPD-WA-04-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23 J		0.0077	0.25	UG/M3	0.25 U	
EPD-WA-04-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.014	0.53	UG/M3	0.53 U	
EPD-WA-04-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.11	0.38	UG/M3	0.38 U	
EPD-WA-04-092123	TO-15 SIM	95-47-6	O-XYLENE	0.089 J		0.011	0.13	UG/M3	0.089 J	
EPD-WA-04-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.14 J		0.11	0.2	UG/M3	0.14 J	
EPD-WA-04-092123	TO-15 SIM	108-88-3	TOLUENE	0.86		0.014	0.28	UG/M3	0.86	
EPD-WA-04-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.013	0.58	UG/M3	0.58 U	
EPD-WA-04-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-04-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-05-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-WA-05-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.48 J		0.17	0.7	UG/M3	0.48 J	
EPD-WA-05-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.14	0.86	UG/M3	0.86 U	
EPD-WA-05-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-WA-05-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.14 J		0.14	0.7	UG/M3	0.14 J	
EPD-WA-05-092123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.043	0.32	UG/M3	0.32 U	
EPD-WA-05-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.086	0.86	UG/M3	0.86 U	
EPD-WA-05-092123	TO-15	123-91-1	1,4-DIOXANE	0.15 J		0.074	0.52	UG/M3	0.15 J	
EPD-WA-05-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.68 J		0.22	3.3	UG/M3	0.68 J	
EPD-WA-05-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.48 J		0.36	2.1	UG/M3	0.48 J	
EPD-WA-05-092123	TO-15	591-78-6	2-HEXANONE	2.9 U		0.56	2.9	UG/M3	2.9 U	
EPD-WA-05-092123	TO-15	67-63-0	2-PROPANOL	7 U		0.17	7	UG/M3	7.0 U	
EPD-WA-05-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-WA-05-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.36 J		0.12	0.7	UG/M3	0.36 J	
EPD-WA-05-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.18	0.58	UG/M3	0.58 U	
EPD-WA-05-092123	TO-15	67-64-1	ACETONE	6.4 J		0.51	6.8	UG/M3	6.4 J	
EPD-WA-05-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-05-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-WA-05-092123	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-05-092123	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-05-092123	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.098	2.2	UG/M3	2.2 U	
EPD-WA-05-092123	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.076	0.66	UG/M3	0.66 U	
EPD-WA-05-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.17	0.65	UG/M3	0.65 U	
EPD-WA-05-092123	TO-15	98-82-8	CUMENE	0.7 U		0.065	0.7	UG/M3	0.70 U	
EPD-WA-05-092123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-05-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-05-092123	TO-15	64-17-5	ETHANOL	4.2 J		0.68	5.4	UG/M3	4.2 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092123	TO-15	75-69-4	FREON 11	1.4		0.12	0.8	UG/M3	1.4	
EPD-WA-05-092123	TO-15	76-13-1	FREON 113	0.53	J	0.11	1.1	UG/M3	0.53	J
EPD-WA-05-092123	TO-15	142-82-5	HEPTANE	2.9	U	0.41	2.9	UG/M3	2.9	U
EPD-WA-05-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-WA-05-092123	TO-15	110-54-3	HEXANE	0.83	J	0.23	2.5	UG/M3	0.83	J
EPD-WA-05-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.43	J	0.31	0.99	UG/M3	0.43	J
EPD-WA-05-092123	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-WA-05-092123	TO-15	100-42-5	STYRENE	0.61	U	0.099	0.61	UG/M3	0.61	U
EPD-WA-05-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-05-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-05-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-092123	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1	NJ			PPBV	1.1	NJ
EPD-WA-05-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-WA-05-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.083	0.2	UG/M3	0.20	U
EPD-WA-05-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-WA-05-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-WA-05-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-05-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-05-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.053	J	0.03	0.12	UG/M3	0.053	J
EPD-WA-05-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-WA-05-092123	TO-15 SIM	71-43-2	BENZENE	0.8		0.026	0.23	UG/M3	0.80	
EPD-WA-05-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.038	0.18	UG/M3	0.46	
EPD-WA-05-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-05-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.13	J	0.02	0.14	UG/M3	0.13	J
EPD-WA-05-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.88	J	0.3	1.5	UG/M3	0.88	J
EPD-WA-05-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-05-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.22		0.012	0.12	UG/M3	0.22	
EPD-WA-05-092123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-WA-05-092123	TO-15 SIM	75-71-8	FREON 12	2.3		0.026	0.35	UG/M3	2.3	
EPD-WA-05-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.79		0.0076	0.25	UG/M3	0.79	
EPD-WA-05-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-05-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.11	0.37	UG/M3	0.17	J
EPD-WA-05-092123	TO-15 SIM	95-47-6	O-XYLENE	0.3		0.01	0.12	UG/M3	0.30	
EPD-WA-05-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.11	0.19	UG/M3	0.19	U
EPD-WA-05-092123	TO-15 SIM	108-88-3	TOLUENE	1.8		0.014	0.27	UG/M3	1.8	
EPD-WA-05-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.053	J	0.013	0.57	UG/M3	0.053	J
EPD-WA-05-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-05-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.011	0.036	UG/M3	0.036	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.2	5.4	UG/M3	5.4 U	
EPD-WA-06-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.62 J		0.17	0.72	UG/M3	0.62 J	
EPD-WA-06-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.14	0.88	UG/M3	0.88 U	
EPD-WA-06-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-06-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.18 J		0.14	0.72	UG/M3	0.18 J	
EPD-WA-06-092123	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.045	0.32	UG/M3	0.32 U	
EPD-WA-06-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.088	0.88	UG/M3	0.88 U	
EPD-WA-06-092123	TO-15	123-91-1	1,4-DIOXANE	0.098 J		0.076	0.53	UG/M3	0.098 J	
EPD-WA-06-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.76 J		0.22	3.4	UG/M3	0.76 J	
EPD-WA-06-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.4 J		0.37	2.2	UG/M3	0.40 J	
EPD-WA-06-092123	TO-15	591-78-6	2-HEXANONE	3 U		0.57	3	UG/M3	3.0 U	
EPD-WA-06-092123	TO-15	67-63-0	2-PROPANOL	7.2 U		0.17	7.2	UG/M3	7.2 U	
EPD-WA-06-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.3 UJ		0.2	2.3	UG/M3	2.3 UJ	
EPD-WA-06-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.36 J		0.12	0.72	UG/M3	0.36 J	
EPD-WA-06-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6 U		0.18	0.6	UG/M3	0.60 U	
EPD-WA-06-092123	TO-15	67-64-1	ACETONE	4.8 J		0.52	7	UG/M3	4.8 J	
EPD-WA-06-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.22	0.76	UG/M3	0.76 U	
EPD-WA-06-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.12	0.98	UG/M3	0.98 U	
EPD-WA-06-092123	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-06-092123	TO-15	74-83-9	BROMOMETHANE	28 U		1.4	28	UG/M3	28 U	
EPD-WA-06-092123	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.1	2.3	UG/M3	2.3 U	
EPD-WA-06-092123	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.078	0.68	UG/M3	0.68 U	
EPD-WA-06-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.18	0.67	UG/M3	0.67 U	
EPD-WA-06-092123	TO-15	98-82-8	CUMENE	0.72 U		0.067	0.72	UG/M3	0.72 U	
EPD-WA-06-092123	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.43	2.5	UG/M3	2.5 U	
EPD-WA-06-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-06-092123	TO-15	64-17-5	ETHANOL	8.4		0.7	5.5	UG/M3	8.4	
EPD-WA-06-092123	TO-15	75-69-4	FREON 11	1.3		0.12	0.82	UG/M3	1.3	
EPD-WA-06-092123	TO-15	76-13-1	FREON 113	0.52 J		0.12	1.1	UG/M3	0.52 J	
EPD-WA-06-092123	TO-15	142-82-5	HEPTANE	0.44 J		0.42	3	UG/M3	0.44 J	
EPD-WA-06-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		0.52	7.8	UG/M3	7.8 U	
EPD-WA-06-092123	TO-15	110-54-3	HEXANE	0.81 J		0.23	2.6	UG/M3	0.81 J	
EPD-WA-06-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.36 J		0.32	1	UG/M3	0.36 J	
EPD-WA-06-092123	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.17	0.72	UG/M3	0.72 U	
EPD-WA-06-092123	TO-15	100-42-5	STYRENE	0.63 U		0.1	0.63	UG/M3	0.63 U	
EPD-WA-06-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.37	2.2	UG/M3	2.2 U	
EPD-WA-06-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-06-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-092123	TO-15	78-78-4	BUTANE, 2-METHYL-	0.85 NJ				PPBV	0.85 NJ	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-092123	TO-15	80655-44-3	DECAHYDRO-4,4,8,9,10-PENTAMETHYLNAPHTHAL	0.88 NJ				PPBV	0.88 NJ	
EPD-WA-06-092123	TO-15	NA	UNKNOWN TIC	0.79 J				PPBV	0.79 J	
EPD-WA-06-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-06-092123	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-06-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.055	0.16	UG/M3	0.16 U	
EPD-WA-06-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-06-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.022	0.058	UG/M3	0.058 U	
EPD-WA-06-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.08	0.22	UG/M3	0.22 U	
EPD-WA-06-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.03	0.12	UG/M3	0.045 J	
EPD-WA-06-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.062	0.18	UG/M3	0.18 U	
EPD-WA-06-092123	TO-15 SIM	71-43-2	BENZENE	1.2		0.026	0.23	UG/M3	1.2	
EPD-WA-06-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.039	0.18	UG/M3	0.45	
EPD-WA-06-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-WA-06-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.093 J		0.021	0.14	UG/M3	0.093 J	
EPD-WA-06-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82 J		0.3	1.5	UG/M3	0.82 J	
EPD-WA-06-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-WA-06-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.31		0.012	0.13	UG/M3	0.31	
EPD-WA-06-092123	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.017	0.2	UG/M3	0.12 J	
EPD-WA-06-092123	TO-15 SIM	75-71-8	FREON 12	2.3		0.027	0.36	UG/M3	2.3	
EPD-WA-06-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.0078	0.26	UG/M3	1.2	
EPD-WA-06-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.014	0.53	UG/M3	0.53 U	
EPD-WA-06-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.36 J		0.11	0.38	UG/M3	0.36 J	
EPD-WA-06-092123	TO-15 SIM	95-47-6	O-XYLENE	0.41		0.011	0.13	UG/M3	0.41	
EPD-WA-06-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.12 J		0.11	0.2	UG/M3	0.12 J	
EPD-WA-06-092123	TO-15 SIM	108-88-3	TOLUENE	1.6		0.014	0.28	UG/M3	1.6	
EPD-WA-06-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.013	0.58	UG/M3	0.58 U	
EPD-WA-06-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-06-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.011	0.038	UG/M3	0.038 U	
EPD-WA-55-092123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.3	5.8	UG/M3	5.8 U	
EPD-WA-55-092123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.45 J		0.18	0.77	UG/M3	0.45 J	
EPD-WA-55-092123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94 U		0.15	0.94	UG/M3	0.94 U	
EPD-WA-55-092123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-WA-55-092123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77 U		0.15	0.77	UG/M3	0.77 U	
EPD-WA-55-092123	TO-15	106-99-0	1,3-BUTADIENE	0.35 U		0.048	0.35	UG/M3	0.35 U	
EPD-WA-55-092123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94 U		0.094	0.94	UG/M3	0.94 U	
EPD-WA-55-092123	TO-15	123-91-1	1,4-DIOXANE	0.091 J		0.082	0.56	UG/M3	0.091 J	
EPD-WA-55-092123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.64 J		0.24	3.7	UG/M3	0.64 J	
EPD-WA-55-092123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.75 J		0.4	2.3	UG/M3	0.75 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-092123	TO-15	591-78-6	2-HEXANONE	3.2	U	0.61	3.2	UG/M3	3.2	U
EPD-WA-55-092123	TO-15	67-63-0	2-PROPANOL	7.7	U	0.19	7.7	UG/M3	7.7	U
EPD-WA-55-092123	TO-15	107-05-1	3-CHLOROPROPENE	2.4	UJ	0.22	2.4	UG/M3	2.4	UJ
EPD-WA-55-092123	TO-15	622-96-8	4-ETHYLTOLUENE	0.34	J	0.13	0.77	UG/M3	0.34	J
EPD-WA-55-092123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64	U	0.2	0.64	UG/M3	0.64	U
EPD-WA-55-092123	TO-15	67-64-1	ACETONE	15		0.56	7.4	UG/M3	15	J
EPD-WA-55-092123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81	U	0.24	0.81	UG/M3	0.81	U
EPD-WA-55-092123	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-55-092123	TO-15	75-25-2	BROMOFORM	1.6	U	0.16	1.6	UG/M3	1.6	U
EPD-WA-55-092123	TO-15	74-83-9	BROMOMETHANE	30	U	1.5	30	UG/M3	30	U
EPD-WA-55-092123	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-55-092123	TO-15	108-90-7	CHLOROBENZENE	0.72	U	0.083	0.72	UG/M3	0.72	U
EPD-WA-55-092123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-55-092123	TO-15	98-82-8	CUMENE	0.77	U	0.071	0.77	UG/M3	0.77	U
EPD-WA-55-092123	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.46	2.7	UG/M3	2.7	U
EPD-WA-55-092123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-55-092123	TO-15	64-17-5	ETHANOL	4.6	J	0.75	5.9	UG/M3	4.6	J
EPD-WA-55-092123	TO-15	75-69-4	FREON 11	1.3		0.13	0.88	UG/M3	1.3	
EPD-WA-55-092123	TO-15	76-13-1	FREON 113	0.55	J	0.12	1.2	UG/M3	0.55	J
EPD-WA-55-092123	TO-15	142-82-5	HEPTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-WA-55-092123	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	0.55	8.4	UG/M3	8.4	U
EPD-WA-55-092123	TO-15	110-54-3	HEXANE	0.86	J	0.25	2.8	UG/M3	0.86	J
EPD-WA-55-092123	TO-15	75-09-2	METHYLENE CHLORIDE	0.48	J	0.34	1.1	UG/M3	0.48	J
EPD-WA-55-092123	TO-15	103-65-1	PROPYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-55-092123	TO-15	100-42-5	STYRENE	0.67	U	0.11	0.67	UG/M3	0.67	U
EPD-WA-55-092123	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-55-092123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71	U	0.15	0.71	UG/M3	0.71	U
EPD-WA-55-092123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-55-092123	TO-15	78-78-4	BUTANE, 2-METHYL-	1	NJ			PPBV	1.0	NJ
EPD-WA-55-092123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-55-092123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-55-092123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.092	0.22	UG/M3	0.22	U
EPD-WA-55-092123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-55-092123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-55-092123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.024	0.062	UG/M3	0.062	U
EPD-WA-55-092123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.085	0.24	UG/M3	0.24	U
EPD-WA-55-092123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045	J	0.032	0.13	UG/M3	0.045	J
EPD-WA-55-092123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.067	0.19	UG/M3	0.19	U
EPD-WA-55-092123	TO-15 SIM	71-43-2	BENZENE	0.83		0.028	0.25	UG/M3	0.83	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309416

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-092123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.042	0.2	UG/M3	0.45	
EPD-WA-55-092123	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.023	0.21	UG/M3	0.21	U
EPD-WA-55-092123	TO-15 SIM	67-66-3	CHLOROFORM	0.13	J	0.022	0.15	UG/M3	0.13	J
EPD-WA-55-092123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87	J	0.33	1.6	UG/M3	0.87	J
EPD-WA-55-092123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-WA-55-092123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.22		0.013	0.14	UG/M3	0.22	
EPD-WA-55-092123	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.018	0.22	UG/M3	0.12	J
EPD-WA-55-092123	TO-15 SIM	75-71-8	FREON 12	2.3		0.028	0.39	UG/M3	2.3	
EPD-WA-55-092123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.79		0.0083	0.27	UG/M3	0.79	
EPD-WA-55-092123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	0.015	0.57	UG/M3	0.57	U
EPD-WA-55-092123	TO-15 SIM	91-20-3	NAPHTHALENE	0.16	J	0.12	0.41	UG/M3	0.16	J
EPD-WA-55-092123	TO-15 SIM	95-47-6	O-XYLENE	0.3		0.012	0.14	UG/M3	0.30	
EPD-WA-55-092123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-WA-55-092123	TO-15 SIM	108-88-3	TOLUENE	1.8		0.015	0.3	UG/M3	1.8	
EPD-WA-55-092123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.082	J	0.014	0.62	UG/M3	0.082	J
EPD-WA-55-092123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-55-092123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.012	0.04	UG/M3	0.040	U

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

<b>Site Name</b>	E Palestine Site - ER	<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	2200d		
<b>Laboratory Report No.</b>	2309442	<b>Laboratory</b>	Eurofins Air Toxics, LLC – Folsom, CA
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
<b>Samples and Matrix</b>	Nine air samples including one field duplicate pair		
<b>Collection Date(s)</b>	09/22/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-02-092223/EPD-WA-22-092223		
<b>Field QC Blanks</b>	None		

**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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	Laboratory control sample/laboratory control sample duplicate relative percent differences (RPD) and chain-of-custody (COC) form were not provided in the Level I laboratory report. The laboratory provided the RPDs and COC form 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
Y	

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
Y	

**MS/MSDs:**

Within Criteria	Exceedance/Notes
NA	

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

**Laboratory duplicates:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
NA	

**Field duplicates:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	

**LCSs/LCSDs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	<p>TO-15 scan (2309442-12A/2309442-12AA): The percent recoveries of 3-chloropropene exceeded the site-specific QAPP acceptance criteria in the LCS and LCSD. All 3-chlorobenzene sample results were nondetect; therefore, no qualifications were applied.</p> <p>TO-15 SIM (2309442-12B/2309442-12BB): The percent recoveries of 1,4-dichlorobenzene were below the site-specific QAPP acceptance criteria in the LCS and LCSD. All 1,4-dichlorobenzene sample results were nondetect; therefore, the results were qualified as estimated (flagged UJ).</p>

**Sample dilutions:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	Canister dilution factors ranged from 1.38 to 1.54. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

**Re-extraction and reanalysis:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
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 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).

**Other [Continuing Calibration]:**

Within Criteria	Exceedance/Notes
N	CCV 2309442-11B had low percent recovery of 1,4-dichlorobenzene. All 1,4-dichlorobenzene sample results were qualified as estimated (flagged UJ).

## 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. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		1.1	5.2	UG/M3	5.2 U	
EPD-DW-G-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.27 J		0.14	0.69	UG/M3	0.27 J	
EPD-DW-G-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-DW-G-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.18	0.65	UG/M3	0.65 U	
EPD-DW-G-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.13	0.69	UG/M3	0.69 U	
EPD-DW-G-092223	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.054	0.31	UG/M3	0.31 U	
EPD-DW-G-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.13	0.84	UG/M3	0.84 U	
EPD-DW-G-092223	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-DW-G-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.26	3.3	UG/M3	3.3 U	
EPD-DW-G-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.75 J		0.19	2.1	UG/M3	0.75 J	
EPD-DW-G-092223	TO-15	591-78-6	2-HEXANONE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-DW-G-092223	TO-15	67-63-0	2-PROPANOL	0.63 J		0.32	6.9	UG/M3	0.63 J	
EPD-DW-G-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-DW-G-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.69 U		0.17	0.69	UG/M3	0.69 U	
EPD-DW-G-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.18	0.57	UG/M3	0.57 U	
EPD-DW-G-092223	TO-15	67-64-1	ACETONE	10		0.97	6.6	UG/M3	10	
EPD-DW-G-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.12	0.72	UG/M3	0.72 U	
EPD-DW-G-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.12	0.94	UG/M3	0.94 U	
EPD-DW-G-092223	TO-15	75-25-2	BROMOFORM	1.4 U		0.22	1.4	UG/M3	1.4 U	
EPD-DW-G-092223	TO-15	74-83-9	BROMOMETHANE	27 U		1.1	27	UG/M3	27 U	
EPD-DW-G-092223	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.58	2.2	UG/M3	2.2 U	
EPD-DW-G-092223	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.051	0.64	UG/M3	0.64 U	
EPD-DW-G-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.099	0.64	UG/M3	0.64 U	
EPD-DW-G-092223	TO-15	98-82-8	CUMENE	0.69 U		0.088	0.69	UG/M3	0.69 U	
EPD-DW-G-092223	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-DW-G-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-DW-G-092223	TO-15	64-17-5	ETHANOL	0.78 J		0.41	5.3	UG/M3	0.78 J	
EPD-DW-G-092223	TO-15	75-69-4	FREON 11	1		0.12	0.79	UG/M3	1.0	
EPD-DW-G-092223	TO-15	76-13-1	FREON 113	0.44 J		0.17	1.1	UG/M3	0.44 J	
EPD-DW-G-092223	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-DW-G-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		1.8	7.5	UG/M3	7.5 U	
EPD-DW-G-092223	TO-15	110-54-3	HEXANE	0.38 J		0.22	2.5	UG/M3	0.38 J	
EPD-DW-G-092223	TO-15	75-09-2	METHYLENE CHLORIDE	0.97 U		0.88	0.97	UG/M3	0.97 U	
EPD-DW-G-092223	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.14	0.69	UG/M3	0.69 U	
EPD-DW-G-092223	TO-15	100-42-5	STYRENE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-DW-G-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.42	2.1	UG/M3	2.1 U	
EPD-DW-G-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-DW-G-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-G-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-DW-G-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.053	0.19	UG/M3	0.19	U
EPD-DW-G-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0087	0.15	UG/M3	0.15	U
EPD-DW-G-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.012	0.11	UG/M3	0.11	U
EPD-DW-G-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.011	0.056	UG/M3	0.056	U
EPD-DW-G-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.013	0.22	UG/M3	0.22	U
EPD-DW-G-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.03	J	0.011	0.11	UG/M3	0.030	J
EPD-DW-G-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.084	0.17	UG/M3	0.17	UJ
EPD-DW-G-092223	TO-15 SIM	71-43-2	BENZENE	0.61		0.018	0.22	UG/M3	0.61	
EPD-DW-G-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0077	0.18	UG/M3	0.37	
EPD-DW-G-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.033	0.18	UG/M3	0.18	U
EPD-DW-G-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.087	J	0.0083	0.14	UG/M3	0.087	J
EPD-DW-G-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61	J	0.21	1.4	UG/M3	0.61	J
EPD-DW-G-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0079	0.11	UG/M3	0.11	U
EPD-DW-G-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13		0.0061	0.12	UG/M3	0.13	
EPD-DW-G-092223	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.012	0.2	UG/M3	0.092	J
EPD-DW-G-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.0086	0.35	UG/M3	1.8	
EPD-DW-G-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.47		0.012	0.24	UG/M3	0.47	
EPD-DW-G-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.0062	0.5	UG/M3	0.50	U
EPD-DW-G-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.25	J	0.096	0.37	UG/M3	0.25	J
EPD-DW-G-092223	TO-15 SIM	95-47-6	O-XYLENE	0.18		0.018	0.12	UG/M3	0.18	
EPD-DW-G-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.049	J	0.013	0.19	UG/M3	0.049	J
EPD-DW-G-092223	TO-15 SIM	108-88-3	TOLUENE	0.88		0.012	0.26	UG/M3	0.88	
EPD-DW-G-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.009	0.56	UG/M3	0.56	U
EPD-DW-G-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.016	0.15	UG/M3	0.15	U
EPD-DW-G-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0053	0.036	UG/M3	0.036	U
EPD-UW-C-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-UW-C-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.2	J	0.15	0.74	UG/M3	0.20	J
EPD-UW-C-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.2	0.91	UG/M3	0.91	U
EPD-UW-C-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-UW-C-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.14	0.74	UG/M3	0.74	U
EPD-UW-C-092223	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.058	0.33	UG/M3	0.33	U
EPD-UW-C-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.14	0.91	UG/M3	0.91	U
EPD-UW-C-092223	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.15	0.54	UG/M3	0.54	U
EPD-UW-C-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.28	3.5	UG/M3	3.5	U
EPD-UW-C-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.21	2.2	UG/M3	2.2	U
EPD-UW-C-092223	TO-15	591-78-6	2-HEXANONE	3.1	U	0.47	3.1	UG/M3	3.1	U
EPD-UW-C-092223	TO-15	67-63-0	2-PROPANOL	7.4	U	0.34	7.4	UG/M3	7.4	U
EPD-UW-C-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.26	2.4	UG/M3	2.4	U



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.18	0.74	UG/M3	0.74 U	
EPD-UW-C-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.2	0.62	UG/M3	0.62 U	
EPD-UW-C-092223	TO-15	67-64-1	ACETONE	3.8 J		1	7.2	UG/M3	3.8 J	
EPD-UW-C-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.13	0.78	UG/M3	0.78 U	
EPD-UW-C-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-UW-C-092223	TO-15	75-25-2	BROMOFORM	1.6 U		0.23	1.6	UG/M3	1.6 U	
EPD-UW-C-092223	TO-15	74-83-9	BROMOMETHANE	29 U		1.2	29	UG/M3	29 U	
EPD-UW-C-092223	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.63	2.4	UG/M3	2.4 U	
EPD-UW-C-092223	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.055	0.7	UG/M3	0.70 U	
EPD-UW-C-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.11	0.68	UG/M3	0.68 U	
EPD-UW-C-092223	TO-15	98-82-8	CUMENE	0.74 U		0.094	0.74	UG/M3	0.74 U	
EPD-UW-C-092223	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.25	2.6	UG/M3	2.6 U	
EPD-UW-C-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.16	1.3	UG/M3	1.3 U	
EPD-UW-C-092223	TO-15	64-17-5	ETHANOL	0.66 J		0.44	5.7	UG/M3	0.66 J	
EPD-UW-C-092223	TO-15	75-69-4	FREON 11	1		0.13	0.85	UG/M3	1.0	
EPD-UW-C-092223	TO-15	76-13-1	FREON 113	0.49 J		0.19	1.2	UG/M3	0.49 J	
EPD-UW-C-092223	TO-15	142-82-5	HEPTANE	3.1 U		0.24	3.1	UG/M3	3.1 U	
EPD-UW-C-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3	8.0 U	
EPD-UW-C-092223	TO-15	110-54-3	HEXANE	2.7 U		0.24	2.7	UG/M3	2.7 U	
EPD-UW-C-092223	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.95	1	UG/M3	1.0 U	
EPD-UW-C-092223	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.15	0.74	UG/M3	0.74 U	
EPD-UW-C-092223	TO-15	100-42-5	STYRENE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-UW-C-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.46	2.2	UG/M3	2.2 U	
EPD-UW-C-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.17	0.68	UG/M3	0.68 U	
EPD-UW-C-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-C-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-C-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.013	0.16	UG/M3	0.16 U	
EPD-UW-C-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.057	0.21	UG/M3	0.21 U	
EPD-UW-C-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0094	0.16	UG/M3	0.16 U	
EPD-UW-C-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-UW-C-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.012	0.06	UG/M3	0.060 U	
EPD-UW-C-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.014	0.23	UG/M3	0.23 U	
EPD-UW-C-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.028 J		0.012	0.12	UG/M3	0.028 J	
EPD-UW-C-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 UJ		0.09	0.18	UG/M3	0.18 UJ	
EPD-UW-C-092223	TO-15 SIM	71-43-2	BENZENE	0.35		0.02	0.24	UG/M3	0.35	
EPD-UW-C-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0083	0.19	UG/M3	0.38	
EPD-UW-C-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.036	0.2	UG/M3	0.20 U	
EPD-UW-C-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.073 J		0.009	0.15	UG/M3	0.073 J	
EPD-UW-C-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62 J		0.22	1.6	UG/M3	0.62 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0086	0.12	UG/M3	0.12 U	
EPD-UW-C-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098 J		0.0066	0.13	UG/M3	0.098 J	
EPD-UW-C-092223	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.013	0.21	UG/M3	0.094 J	
EPD-UW-C-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.0093	0.37	UG/M3	1.8	
EPD-UW-C-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.35		0.014	0.26	UG/M3	0.35	
EPD-UW-C-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.0068	0.54	UG/M3	0.54 U	
EPD-UW-C-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.55		0.1	0.4	UG/M3	0.55	
EPD-UW-C-092223	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.019	0.13	UG/M3	0.13	
EPD-UW-C-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.11 J		0.014	0.2	UG/M3	0.11 J	
EPD-UW-C-092223	TO-15 SIM	108-88-3	TOLUENE	0.8		0.013	0.28	UG/M3	0.80	
EPD-UW-C-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6 U		0.0098	0.6	UG/M3	0.60 U	
EPD-UW-C-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.017	0.16	UG/M3	0.16 U	
EPD-UW-C-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.0058	0.038	UG/M3	0.038 U	
EPD-WA-01-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.1	5.3	UG/M3	5.3 U	
EPD-WA-01-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.24 J		0.14	0.7	UG/M3	0.24 J	
EPD-WA-01-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.19	0.85	UG/M3	0.85 U	
EPD-WA-01-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-01-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.13	0.7	UG/M3	0.70 U	
EPD-WA-01-092223	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.055	0.31	UG/M3	0.31 U	
EPD-WA-01-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.13	0.85	UG/M3	0.85 U	
EPD-WA-01-092223	TO-15	123-91-1	1,4-DIOXANE	0.51 U		0.14	0.51	UG/M3	0.51 U	
EPD-WA-01-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.27	3.3	UG/M3	3.3 U	
EPD-WA-01-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.79 J		0.2	2.1	UG/M3	0.79 J	
EPD-WA-01-092223	TO-15	591-78-6	2-HEXANONE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-01-092223	TO-15	67-63-0	2-PROPANOL	7 U		0.32	7	UG/M3	7.0 U	
EPD-WA-01-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-01-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.28 J		0.17	0.7	UG/M3	0.28 J	
EPD-WA-01-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.19	0.58	UG/M3	0.58 U	
EPD-WA-01-092223	TO-15	67-64-1	ACETONE	7.7		0.98	6.7	UG/M3	7.7	
EPD-WA-01-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-01-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U		0.12	0.95	UG/M3	0.95 U	
EPD-WA-01-092223	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-01-092223	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-01-092223	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.59	2.2	UG/M3	2.2 U	
EPD-WA-01-092223	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.052	0.65	UG/M3	0.65 U	
EPD-WA-01-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-01-092223	TO-15	98-82-8	CUMENE	0.7 U		0.089	0.7	UG/M3	0.70 U	
EPD-WA-01-092223	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-WA-01-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092223	TO-15	64-17-5	ETHANOL	0.82 J		0.42	5.4	UG/M3	0.82 J	
EPD-WA-01-092223	TO-15	75-69-4	FREON 11	0.98		0.13	0.8	UG/M3	0.98	
EPD-WA-01-092223	TO-15	76-13-1	FREON 113	0.46 J		0.18	1.1	UG/M3	0.46 J	
EPD-WA-01-092223	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-WA-01-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		1.8	7.6	UG/M3	7.6 U	
EPD-WA-01-092223	TO-15	110-54-3	HEXANE	0.34 J		0.22	2.5	UG/M3	0.34 J	
EPD-WA-01-092223	TO-15	75-09-2	METHYLENE CHLORIDE	0.99 U		0.89	0.99	UG/M3	0.99 U	
EPD-WA-01-092223	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-01-092223	TO-15	100-42-5	STYRENE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-WA-01-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.43	2.1	UG/M3	2.1 U	
EPD-WA-01-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-WA-01-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-092223	TO-15	1066-40-6	SILANOL, TRIMETHYL-	0.82 NJ				PPBV	0.82 NJ	
EPD-WA-01-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-01-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.053	0.19	UG/M3	0.19 U	
EPD-WA-01-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0088	0.15	UG/M3	0.15 U	
EPD-WA-01-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-01-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.011	0.056	UG/M3	0.056 U	
EPD-WA-01-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-01-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032 J		0.011	0.11	UG/M3	0.032 J	
EPD-WA-01-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.085	0.17	UG/M3	0.17 UJ	
EPD-WA-01-092223	TO-15 SIM	71-43-2	BENZENE	0.57		0.018	0.23	UG/M3	0.57	
EPD-WA-01-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0078	0.18	UG/M3	0.37	
EPD-WA-01-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.034	0.19	UG/M3	0.19 U	
EPD-WA-01-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.075 J		0.0084	0.14	UG/M3	0.075 J	
EPD-WA-01-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61 J		0.21	1.5	UG/M3	0.61 J	
EPD-WA-01-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.008	0.11	UG/M3	0.11 U	
EPD-WA-01-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.14		0.0062	0.12	UG/M3	0.14	
EPD-WA-01-092223	TO-15 SIM	76-14-2	FREON 114	0.096 J		0.012	0.2	UG/M3	0.096 J	
EPD-WA-01-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.0088	0.35	UG/M3	1.8	
EPD-WA-01-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.5		0.013	0.25	UG/M3	0.50	
EPD-WA-01-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.0063	0.51	UG/M3	0.51 U	
EPD-WA-01-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.097	0.37	UG/M3	0.12 J	
EPD-WA-01-092223	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.018	0.12	UG/M3	0.20	
EPD-WA-01-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.16 J		0.013	0.19	UG/M3	0.16 J	
EPD-WA-01-092223	TO-15 SIM	108-88-3	TOLUENE	0.92		0.012	0.27	UG/M3	0.92	
EPD-WA-01-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.032 J		0.0092	0.56	UG/M3	0.032 J	
EPD-WA-01-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.016	0.15	UG/M3	0.15 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0054	0.036	UG/M3	0.036 U	
EPD-WA-02-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7 U		1.2	5.7	UG/M3	5.7 U	
EPD-WA-02-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.36 J		0.15	0.76	UG/M3	0.36 J	
EPD-WA-02-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92 U		0.2	0.92	UG/M3	0.92 U	
EPD-WA-02-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71 U		0.2	0.71	UG/M3	0.71 U	
EPD-WA-02-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.16 J		0.14	0.76	UG/M3	0.16 J	
EPD-WA-02-092223	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.06	0.34	UG/M3	0.34 U	
EPD-WA-02-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92 U		0.14	0.92	UG/M3	0.92 U	
EPD-WA-02-092223	TO-15	123-91-1	1,4-DIOXANE	0.55 U		0.15	0.55	UG/M3	0.55 U	
EPD-WA-02-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.46 J		0.29	3.6	UG/M3	0.46 J	
EPD-WA-02-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1 J		0.21	2.3	UG/M3	1.0 J	
EPD-WA-02-092223	TO-15	591-78-6	2-HEXANONE	3.2 U		0.48	3.2	UG/M3	3.2 U	
EPD-WA-02-092223	TO-15	67-63-0	2-PROPANOL	7.6 U		0.35	7.6	UG/M3	7.6 U	
EPD-WA-02-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.26	2.4	UG/M3	2.4 U	
EPD-WA-02-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.37 J		0.19	0.76	UG/M3	0.37 J	
EPD-WA-02-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.2	0.63	UG/M3	0.63 U	
EPD-WA-02-092223	TO-15	67-64-1	ACETONE	4.5 J		1.1	7.3	UG/M3	4.5 J	
EPD-WA-02-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.13	0.8	UG/M3	0.80 U	
EPD-WA-02-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-02-092223	TO-15	75-25-2	BROMOFORM	1.6 U		0.24	1.6	UG/M3	1.6 U	
EPD-WA-02-092223	TO-15	74-83-9	BROMOMETHANE	30 U		1.2	30	UG/M3	30 U	
EPD-WA-02-092223	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.64	2.4	UG/M3	2.4 U	
EPD-WA-02-092223	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.056	0.71	UG/M3	0.71 U	
EPD-WA-02-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.11	0.7	UG/M3	0.70 U	
EPD-WA-02-092223	TO-15	98-82-8	CUMENE	0.76 U		0.096	0.76	UG/M3	0.76 U	
EPD-WA-02-092223	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.25	2.6	UG/M3	2.6 U	
EPD-WA-02-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.16	1.3	UG/M3	1.3 U	
EPD-WA-02-092223	TO-15	64-17-5	ETHANOL	1.3 J		0.45	5.8	UG/M3	1.3 J	
EPD-WA-02-092223	TO-15	75-69-4	FREON 11	1		0.14	0.86	UG/M3	1.0	
EPD-WA-02-092223	TO-15	76-13-1	FREON 113	0.39 J		0.19	1.2	UG/M3	0.39 J	
EPD-WA-02-092223	TO-15	142-82-5	HEPTANE	0.28 J		0.24	3.2	UG/M3	0.28 J	
EPD-WA-02-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2 U		1.9	8.2	UG/M3	8.2 U	
EPD-WA-02-092223	TO-15	110-54-3	HEXANE	0.54 J		0.24	2.7	UG/M3	0.54 J	
EPD-WA-02-092223	TO-15	75-09-2	METHYLENE CHLORIDE	1.1 U		0.97	1.1	UG/M3	1.1 U	
EPD-WA-02-092223	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.15	0.76	UG/M3	0.76 U	
EPD-WA-02-092223	TO-15	100-42-5	STYRENE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-02-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.47	2.3	UG/M3	2.3 U	
EPD-WA-02-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.17	0.7	UG/M3	0.70 U	
EPD-WA-02-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.013	0.17	UG/M3	0.17	U
EPD-WA-02-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.058	0.21	UG/M3	0.21	U
EPD-WA-02-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.0096	0.17	UG/M3	0.17	U
EPD-WA-02-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-WA-02-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.012	0.061	UG/M3	0.061	U
EPD-WA-02-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.015	0.24	UG/M3	0.24	U
EPD-WA-02-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.03	J	0.012	0.12	UG/M3	0.030	J
EPD-WA-02-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.092	0.18	UG/M3	0.18	UJ
EPD-WA-02-092223	TO-15 SIM	71-43-2	BENZENE	0.78		0.02	0.24	UG/M3	0.78	
EPD-WA-02-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0084	0.19	UG/M3	0.38	
EPD-WA-02-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.037	0.2	UG/M3	0.20	U
EPD-WA-02-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.0092	0.15	UG/M3	0.078	J
EPD-WA-02-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62	J	0.23	1.6	UG/M3	0.62	J
EPD-WA-02-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.0087	0.12	UG/M3	0.12	U
EPD-WA-02-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.2		0.0067	0.13	UG/M3	0.20	
EPD-WA-02-092223	TO-15 SIM	76-14-2	FREON 114	0.094	J	0.013	0.22	UG/M3	0.094	J
EPD-WA-02-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.0095	0.38	UG/M3	1.8	
EPD-WA-02-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.72		0.014	0.27	UG/M3	0.72	
EPD-WA-02-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.0069	0.56	UG/M3	0.56	U
EPD-WA-02-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.16	J	0.1	0.4	UG/M3	0.16	J
EPD-WA-02-092223	TO-15 SIM	95-47-6	O-XYLENE	0.28		0.02	0.13	UG/M3	0.28	
EPD-WA-02-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.13	J	0.014	0.21	UG/M3	0.13	J
EPD-WA-02-092223	TO-15 SIM	108-88-3	TOLUENE	1.1		0.013	0.29	UG/M3	1.1	
EPD-WA-02-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.01	0.61	UG/M3	0.61	U
EPD-WA-02-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.018	0.16	UG/M3	0.16	U
EPD-WA-02-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.0059	0.039	UG/M3	0.039	U
EPD-WA-03-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.1	5.4	UG/M3	5.4	U
EPD-WA-03-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.16	J	0.14	0.72	UG/M3	0.16	J
EPD-WA-03-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-03-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-03-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.13	0.72	UG/M3	0.72	U
EPD-WA-03-092223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.056	0.32	UG/M3	0.32	U
EPD-WA-03-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.13	0.88	UG/M3	0.88	U
EPD-WA-03-092223	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.14	0.53	UG/M3	0.53	U
EPD-WA-03-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.27	3.4	UG/M3	3.4	U
EPD-WA-03-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-03-092223	TO-15	591-78-6	2-HEXANONE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-03-092223	TO-15	67-63-0	2-PROPANOL	7.2	U	0.33	7.2	UG/M3	7.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.25	2.3	UG/M3	2.3	U
EPD-WA-03-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.18	0.72	UG/M3	0.72	U
EPD-WA-03-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.31	J	0.19	0.6	UG/M3	0.31	J
EPD-WA-03-092223	TO-15	67-64-1	ACETONE	4.3	J	1	6.9	UG/M3	4.3	J
EPD-WA-03-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.12	0.76	UG/M3	0.76	U
EPD-WA-03-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.13	0.98	UG/M3	0.98	U
EPD-WA-03-092223	TO-15	75-25-2	BROMOFORM	1.5	U	0.22	1.5	UG/M3	1.5	U
EPD-WA-03-092223	TO-15	74-83-9	BROMOMETHANE	28	U	1.2	28	UG/M3	28	U
EPD-WA-03-092223	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.61	2.3	UG/M3	2.3	U
EPD-WA-03-092223	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.053	0.67	UG/M3	0.67	U
EPD-WA-03-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.1	0.66	UG/M3	0.66	U
EPD-WA-03-092223	TO-15	98-82-8	CUMENE	0.72	U	0.091	0.72	UG/M3	0.72	U
EPD-WA-03-092223	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.24	2.5	UG/M3	2.5	U
EPD-WA-03-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.15	1.2	UG/M3	1.2	U
EPD-WA-03-092223	TO-15	64-17-5	ETHANOL	1.7	J	0.43	5.5	UG/M3	1.7	J
EPD-WA-03-092223	TO-15	75-69-4	FREON 11	1		0.13	0.82	UG/M3	1.0	
EPD-WA-03-092223	TO-15	76-13-1	FREON 113	0.48	J	0.18	1.1	UG/M3	0.48	J
EPD-WA-03-092223	TO-15	142-82-5	HEPTANE	3	U	0.23	3	UG/M3	3.0	U
EPD-WA-03-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	1.8	7.8	UG/M3	7.8	U
EPD-WA-03-092223	TO-15	110-54-3	HEXANE	2.6	U	0.23	2.6	UG/M3	2.6	U
EPD-WA-03-092223	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.92	1	UG/M3	1.0	U
EPD-WA-03-092223	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-WA-03-092223	TO-15	100-42-5	STYRENE	0.62	U	0.12	0.62	UG/M3	0.62	U
EPD-WA-03-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.44	2.2	UG/M3	2.2	U
EPD-WA-03-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-WA-03-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.012	0.16	UG/M3	0.16	U
EPD-WA-03-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.055	0.2	UG/M3	0.20	U
EPD-WA-03-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0091	0.16	UG/M3	0.16	U
EPD-WA-03-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-WA-03-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.012	0.058	UG/M3	0.058	U
EPD-WA-03-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-WA-03-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.03	J	0.011	0.12	UG/M3	0.030	J
EPD-WA-03-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.088	0.18	UG/M3	0.18	UJ
EPD-WA-03-092223	TO-15 SIM	71-43-2	BENZENE	0.41		0.019	0.23	UG/M3	0.41	
EPD-WA-03-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.008	0.18	UG/M3	0.38	
EPD-WA-03-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.035	0.19	UG/M3	0.19	U
EPD-WA-03-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.0087	0.14	UG/M3	0.081	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61 J		0.22	1.5	UG/M3	0.61 J	
EPD-WA-03-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0083	0.12	UG/M3	0.12 U	
EPD-WA-03-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.079 J		0.0063	0.13	UG/M3	0.079 J	
EPD-WA-03-092223	TO-15 SIM	76-14-2	FREON 114	0.093 J		0.012	0.2	UG/M3	0.093 J	
EPD-WA-03-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-WA-03-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.28		0.013	0.25	UG/M3	0.28	
EPD-WA-03-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.0065	0.53	UG/M3	0.53 U	
EPD-WA-03-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.22 J		0.1	0.38	UG/M3	0.22 J	
EPD-WA-03-092223	TO-15 SIM	95-47-6	O-XYLENE	0.11 J		0.018	0.13	UG/M3	0.11 J	
EPD-WA-03-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.053 J		0.013	0.2	UG/M3	0.053 J	
EPD-WA-03-092223	TO-15 SIM	108-88-3	TOLUENE	0.57		0.012	0.28	UG/M3	0.57	
EPD-WA-03-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.0094	0.58	UG/M3	0.58 U	
EPD-WA-03-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.017	0.16	UG/M3	0.16 U	
EPD-WA-03-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.0056	0.037	UG/M3	0.037 U	
EPD-WA-04-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.1	5.3	UG/M3	5.3 U	
EPD-WA-04-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22 J		0.14	0.7	UG/M3	0.22 J	
EPD-WA-04-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.19	0.86	UG/M3	0.86 U	
EPD-WA-04-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-04-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.13	0.7	UG/M3	0.70 U	
EPD-WA-04-092223	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.055	0.32	UG/M3	0.32 U	
EPD-WA-04-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.13	0.86	UG/M3	0.86 U	
EPD-WA-04-092223	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.14	0.52	UG/M3	0.52 U	
EPD-WA-04-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.27	3.3	UG/M3	3.3 U	
EPD-WA-04-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.46 J		0.2	2.1	UG/M3	0.46 J	
EPD-WA-04-092223	TO-15	591-78-6	2-HEXANONE	2.9 U		0.45	2.9	UG/M3	2.9 U	
EPD-WA-04-092223	TO-15	67-63-0	2-PROPANOL	7 U		0.32	7	UG/M3	7.0 U	
EPD-WA-04-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-04-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.22 J		0.18	0.7	UG/M3	0.22 J	
EPD-WA-04-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.19	0.58	UG/M3	0.58 U	
EPD-WA-04-092223	TO-15	67-64-1	ACETONE	6.5 J		0.99	6.8	UG/M3	6.5 J	
EPD-WA-04-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-04-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-WA-04-092223	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-04-092223	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-04-092223	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-04-092223	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.052	0.66	UG/M3	0.66 U	
EPD-WA-04-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.1	0.65	UG/M3	0.65 U	
EPD-WA-04-092223	TO-15	98-82-8	CUMENE	0.7 U		0.089	0.7	UG/M3	0.70 U	
EPD-WA-04-092223	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-04-092223	TO-15	64-17-5	ETHANOL	5.4 U		0.42	5.4	UG/M3	5.4 U	
EPD-WA-04-092223	TO-15	75-69-4	FREON 11	1.1		0.13	0.8	UG/M3	1.1	
EPD-WA-04-092223	TO-15	76-13-1	FREON 113	0.47 J		0.18	1.1	UG/M3	0.47 J	
EPD-WA-04-092223	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-WA-04-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		1.8	7.6	UG/M3	7.6 U	
EPD-WA-04-092223	TO-15	110-54-3	HEXANE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-WA-04-092223	TO-15	75-09-2	METHYLENE CHLORIDE	0.99 U		0.9	0.99	UG/M3	0.99 U	
EPD-WA-04-092223	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-04-092223	TO-15	100-42-5	STYRENE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-04-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.43	2.1	UG/M3	2.1 U	
EPD-WA-04-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.16	0.65	UG/M3	0.65 U	
EPD-WA-04-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-04-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.054	0.2	UG/M3	0.20 U	
EPD-WA-04-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0089	0.16	UG/M3	0.16 U	
EPD-WA-04-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-WA-04-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.011	0.057	UG/M3	0.057 U	
EPD-WA-04-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-04-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.031 J		0.011	0.12	UG/M3	0.031 J	
EPD-WA-04-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.086	0.17	UG/M3	0.17 UJ	
EPD-WA-04-092223	TO-15 SIM	71-43-2	BENZENE	0.4		0.018	0.23	UG/M3	0.40	
EPD-WA-04-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0078	0.18	UG/M3	0.37	
EPD-WA-04-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.034	0.19	UG/M3	0.19 U	
EPD-WA-04-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.076 J		0.0085	0.14	UG/M3	0.076 J	
EPD-WA-04-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61 J		0.21	1.5	UG/M3	0.61 J	
EPD-WA-04-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0081	0.11	UG/M3	0.11 U	
EPD-WA-04-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.069 J		0.0062	0.12	UG/M3	0.069 J	
EPD-WA-04-092223	TO-15 SIM	76-14-2	FREON 114	0.095 J		0.012	0.2	UG/M3	0.095 J	
EPD-WA-04-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.0088	0.35	UG/M3	1.8	
EPD-WA-04-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23 J		0.013	0.25	UG/M3	0.23 J	
EPD-WA-04-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.0064	0.52	UG/M3	0.52 U	
EPD-WA-04-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.098	0.37	UG/M3	0.12 J	
EPD-WA-04-092223	TO-15 SIM	95-47-6	O-XYLENE	0.096 J		0.018	0.12	UG/M3	0.096 J	
EPD-WA-04-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.13 J		0.013	0.19	UG/M3	0.13 J	
EPD-WA-04-092223	TO-15 SIM	108-88-3	TOLUENE	0.6		0.012	0.27	UG/M3	0.60	
EPD-WA-04-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.18 J		0.0092	0.57	UG/M3	0.18 J	
EPD-WA-04-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018 J		0.016	0.15	UG/M3	0.018 J	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0054	0.036	UG/M3	0.036 U	
EPD-WA-05-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		1.1	5.1	UG/M3	5.1 U	
EPD-WA-05-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.48 J		0.14	0.68	UG/M3	0.48 J	
EPD-WA-05-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83 U		0.18	0.83	UG/M3	0.83 U	
EPD-WA-05-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-05-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.2 J		0.12	0.68	UG/M3	0.20 J	
EPD-WA-05-092223	TO-15	106-99-0	1,3-BUTADIENE	0.075 J		0.053	0.3	UG/M3	0.075 J	
EPD-WA-05-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83 U		0.12	0.83	UG/M3	0.83 U	
EPD-WA-05-092223	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-WA-05-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.57 J		0.26	3.2	UG/M3	0.57 J	
EPD-WA-05-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.6 J		0.19	2	UG/M3	0.60 J	
EPD-WA-05-092223	TO-15	591-78-6	2-HEXANONE	2.8 U		0.43	2.8	UG/M3	2.8 U	
EPD-WA-05-092223	TO-15	67-63-0	2-PROPANOL	6.8 U		0.31	6.8	UG/M3	6.8 U	
EPD-WA-05-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-05-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.53 J		0.17	0.68	UG/M3	0.53 J	
EPD-WA-05-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56 U		0.18	0.56	UG/M3	0.56 U	
EPD-WA-05-092223	TO-15	67-64-1	ACETONE	5.8 J		0.96	6.6	UG/M3	5.8 J	
EPD-WA-05-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71 U		0.12	0.71	UG/M3	0.71 U	
EPD-WA-05-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92 U		0.12	0.92	UG/M3	0.92 U	
EPD-WA-05-092223	TO-15	75-25-2	BROMOFORM	1.4 U		0.21	1.4	UG/M3	1.4 U	
EPD-WA-05-092223	TO-15	74-83-9	BROMOMETHANE	27 U		1.1	27	UG/M3	27 U	
EPD-WA-05-092223	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.58	2.1	UG/M3	2.1 U	
EPD-WA-05-092223	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.05	0.64	UG/M3	0.64 U	
EPD-WA-05-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.098	0.63	UG/M3	0.63 U	
EPD-WA-05-092223	TO-15	98-82-8	CUMENE	0.12 J		0.086	0.68	UG/M3	0.12 J	
EPD-WA-05-092223	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-WA-05-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-WA-05-092223	TO-15	64-17-5	ETHANOL	3.1 J		0.41	5.2	UG/M3	3.1 J	
EPD-WA-05-092223	TO-15	75-69-4	FREON 11	1		0.12	0.78	UG/M3	1.0	
EPD-WA-05-092223	TO-15	76-13-1	FREON 113	0.44 J		0.17	1	UG/M3	0.44 J	
EPD-WA-05-092223	TO-15	142-82-5	HEPTANE	0.35 J		0.22	2.8	UG/M3	0.35 J	
EPD-WA-05-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		1.7	7.4	UG/M3	7.4 U	
EPD-WA-05-092223	TO-15	110-54-3	HEXANE	0.76 J		0.22	2.4	UG/M3	0.76 J	
EPD-WA-05-092223	TO-15	75-09-2	METHYLENE CHLORIDE	0.96 U		0.87	0.96	UG/M3	0.96 U	
EPD-WA-05-092223	TO-15	103-65-1	PROPYLBENZENE	0.14 J		0.13	0.68	UG/M3	0.14 J	
EPD-WA-05-092223	TO-15	100-42-5	STYRENE	0.59 U		0.12	0.59	UG/M3	0.59 U	
EPD-WA-05-092223	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.42	2	UG/M3	2.0 U	
EPD-WA-05-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.15	0.63	UG/M3	0.63 U	
EPD-WA-05-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092223	TO-15	106-97-8	BUTANE	0.86	NJ			PPBV	0.86	NJ
EPD-WA-05-092223	TO-15	78-78-4	BUTANE, 2-METHYL-	1	NJ			PPBV	1.0	NJ
EPD-WA-05-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-092223	TO-15	NA	UNKNOWN TIC	0.71	J			PPBV	0.71	J
EPD-WA-05-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-05-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.052	0.19	UG/M3	0.19	U
EPD-WA-05-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0086	0.15	UG/M3	0.15	U
EPD-WA-05-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.012	0.11	UG/M3	0.11	U
EPD-WA-05-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.011	0.055	UG/M3	0.055	U
EPD-WA-05-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.013	0.21	UG/M3	0.21	U
EPD-WA-05-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.035	J	0.011	0.11	UG/M3	0.035	J
EPD-WA-05-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	UJ	0.083	0.16	UG/M3	0.16	UJ
EPD-WA-05-092223	TO-15 SIM	71-43-2	BENZENE	0.94		0.018	0.22	UG/M3	0.94	
EPD-WA-05-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0076	0.17	UG/M3	0.37	
EPD-WA-05-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.033	0.18	UG/M3	0.18	U
EPD-WA-05-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.12	J	0.0082	0.13	UG/M3	0.12	J
EPD-WA-05-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62	J	0.2	1.4	UG/M3	0.62	J
EPD-WA-05-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0078	0.11	UG/M3	0.11	U
EPD-WA-05-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.3		0.006	0.12	UG/M3	0.30	
EPD-WA-05-092223	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.012	0.19	UG/M3	0.096	J
EPD-WA-05-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.0085	0.34	UG/M3	1.8	
EPD-WA-05-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.012	0.24	UG/M3	1.2	
EPD-WA-05-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.0062	0.5	UG/M3	0.50	U
EPD-WA-05-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.26	J	0.094	0.36	UG/M3	0.26	J
EPD-WA-05-092223	TO-15 SIM	95-47-6	O-XYLENE	0.43		0.018	0.12	UG/M3	0.43	
EPD-WA-05-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.05	J	0.012	0.19	UG/M3	0.050	J
EPD-WA-05-092223	TO-15 SIM	108-88-3	TOLUENE	1.8		0.012	0.26	UG/M3	1.8	
EPD-WA-05-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55	U	0.0089	0.55	UG/M3	0.55	U
EPD-WA-05-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.016	0.15	UG/M3	0.15	U
EPD-WA-05-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.0052	0.035	UG/M3	0.035	U
EPD-WA-06-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.1	5.4	UG/M3	5.4	U
EPD-WA-06-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.67	J	0.14	0.71	UG/M3	0.67	J
EPD-WA-06-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87	U	0.19	0.87	UG/M3	0.87	U
EPD-WA-06-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-06-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.25	J	0.13	0.71	UG/M3	0.25	J
EPD-WA-06-092223	TO-15	106-99-0	1,3-BUTADIENE	0.15	J	0.056	0.32	UG/M3	0.15	J
EPD-WA-06-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87	U	0.13	0.87	UG/M3	0.87	U
EPD-WA-06-092223	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.14	0.52	UG/M3	0.52	U
EPD-WA-06-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.45	J	0.27	3.4	UG/M3	0.45	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1 J		0.2	2.1	UG/M3	1.0 J	
EPD-WA-06-092223	TO-15	591-78-6	2-HEXANONE	3 U		0.45	3	UG/M3	3.0 U	
EPD-WA-06-092223	TO-15	67-63-0	2-PROPANOL	7.1 U		0.33	7.1	UG/M3	7.1 U	
EPD-WA-06-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.25	2.3	UG/M3	2.3 U	
EPD-WA-06-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.61 J		0.18	0.71	UG/M3	0.61 J	
EPD-WA-06-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.19	0.59	UG/M3	0.59 U	
EPD-WA-06-092223	TO-15	67-64-1	ACETONE	6.7 J		1	6.9	UG/M3	6.7 J	
EPD-WA-06-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.12	0.75	UG/M3	0.75 U	
EPD-WA-06-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.13	0.97	UG/M3	0.97 U	
EPD-WA-06-092223	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-06-092223	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-06-092223	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.61	2.2	UG/M3	2.2 U	
EPD-WA-06-092223	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.053	0.67	UG/M3	0.67 U	
EPD-WA-06-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-WA-06-092223	TO-15	98-82-8	CUMENE	0.71 U		0.091	0.71	UG/M3	0.71 U	
EPD-WA-06-092223	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-WA-06-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-06-092223	TO-15	64-17-5	ETHANOL	6.4		0.43	5.5	UG/M3	6.4	
EPD-WA-06-092223	TO-15	75-69-4	FREON 11	1		0.13	0.81	UG/M3	1.0	
EPD-WA-06-092223	TO-15	76-13-1	FREON 113	0.43 J		0.18	1.1	UG/M3	0.43 J	
EPD-WA-06-092223	TO-15	142-82-5	HEPTANE	0.29 J		0.23	3	UG/M3	0.29 J	
EPD-WA-06-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		1.8	7.7	UG/M3	7.7 U	
EPD-WA-06-092223	TO-15	110-54-3	HEXANE	0.59 J		0.23	2.6	UG/M3	0.59 J	
EPD-WA-06-092223	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.91	1	UG/M3	1.0 U	
EPD-WA-06-092223	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-06-092223	TO-15	100-42-5	STYRENE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-WA-06-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.44	2.1	UG/M3	2.1 U	
EPD-WA-06-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.16	0.66	UG/M3	0.66 U	
EPD-WA-06-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-092223	TO-15	106-97-8	BUTANE	0.72 NJ				PPBV	0.72 NJ	
EPD-WA-06-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-092223	TO-15	75-28-5	ISOBUTANE	1.1 NJ				PPBV	1.1 NJ	
EPD-WA-06-092223	TO-15	NA	UNKNOWN TIC	0.89 J				PPBV	0.89 J	
EPD-WA-06-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-06-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.054	0.2	UG/M3	0.20 U	
EPD-WA-06-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.009	0.16	UG/M3	0.16 U	
EPD-WA-06-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-WA-06-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.011	0.057	UG/M3	0.057 U	
EPD-WA-06-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.031	J	0.011	0.12	UG/M3	0.031	J
EPD-WA-06-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.087	0.17	UG/M3	0.17	UJ
EPD-WA-06-092223	TO-15 SIM	71-43-2	BENZENE	1.1		0.019	0.23	UG/M3	1.1	
EPD-WA-06-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0079	0.18	UG/M3	0.38	
EPD-WA-06-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.034	0.19	UG/M3	0.19	U
EPD-WA-06-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.0086	0.14	UG/M3	0.079	J
EPD-WA-06-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.59	J	0.22	1.5	UG/M3	0.59	J
EPD-WA-06-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0082	0.11	UG/M3	0.11	U
EPD-WA-06-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.29		0.0063	0.12	UG/M3	0.29	
EPD-WA-06-092223	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.012	0.2	UG/M3	0.096	J
EPD-WA-06-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-WA-06-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.013	0.25	UG/M3	1.2	
EPD-WA-06-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0065	0.52	UG/M3	0.52	U
EPD-WA-06-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.45		0.099	0.38	UG/M3	0.45	
EPD-WA-06-092223	TO-15 SIM	95-47-6	O-XYLENE	0.44		0.018	0.12	UG/M3	0.44	
EPD-WA-06-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.093	J	0.013	0.2	UG/M3	0.093	J
EPD-WA-06-092223	TO-15 SIM	108-88-3	TOLUENE	1.4		0.012	0.27	UG/M3	1.4	
EPD-WA-06-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.0094	0.57	UG/M3	0.57	U
EPD-WA-06-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.017	0.16	UG/M3	0.16	U
EPD-WA-06-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.0055	0.037	UG/M3	0.037	U
EPD-WA-22-092223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.1	5.4	UG/M3	5.4	U
EPD-WA-22-092223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.35	J	0.14	0.72	UG/M3	0.35	J
EPD-WA-22-092223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-22-092223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-22-092223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.14	J	0.13	0.72	UG/M3	0.14	J
EPD-WA-22-092223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.056	0.32	UG/M3	0.32	U
EPD-WA-22-092223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.13	0.88	UG/M3	0.88	U
EPD-WA-22-092223	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.14	0.53	UG/M3	0.53	U
EPD-WA-22-092223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.36	J	0.27	3.4	UG/M3	0.36	J
EPD-WA-22-092223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.5	J	0.2	2.2	UG/M3	1.5	J
EPD-WA-22-092223	TO-15	591-78-6	2-HEXANONE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-22-092223	TO-15	67-63-0	2-PROPANOL	7.2	U	0.33	7.2	UG/M3	7.2	U
EPD-WA-22-092223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.25	2.3	UG/M3	2.3	U
EPD-WA-22-092223	TO-15	622-96-8	4-ETHYLTOLUENE	0.32	J	0.18	0.72	UG/M3	0.32	J
EPD-WA-22-092223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.19	0.6	UG/M3	0.60	U
EPD-WA-22-092223	TO-15	67-64-1	ACETONE	4.4	J	1	6.9	UG/M3	4.4	J
EPD-WA-22-092223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.12	0.76	UG/M3	0.76	U
EPD-WA-22-092223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.13	0.98	UG/M3	0.98	U
EPD-WA-22-092223	TO-15	75-25-2	BROMOFORM	1.5	U	0.22	1.5	UG/M3	1.5	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-092223	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-22-092223	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.61	2.3	UG/M3	2.3 U	
EPD-WA-22-092223	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.053	0.67	UG/M3	0.67 U	
EPD-WA-22-092223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-WA-22-092223	TO-15	98-82-8	CUMENE	0.72 U		0.091	0.72	UG/M3	0.72 U	
EPD-WA-22-092223	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-WA-22-092223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-22-092223	TO-15	64-17-5	ETHANOL	1.1 J		0.43	5.5	UG/M3	1.1 J	
EPD-WA-22-092223	TO-15	75-69-4	FREON 11	1		0.13	0.82	UG/M3	1.0	
EPD-WA-22-092223	TO-15	76-13-1	FREON 113	0.51 J		0.18	1.1	UG/M3	0.51 J	
EPD-WA-22-092223	TO-15	142-82-5	HEPTANE	0.33 J		0.23	3	UG/M3	0.33 J	
EPD-WA-22-092223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		1.8	7.8	UG/M3	7.8 U	
EPD-WA-22-092223	TO-15	110-54-3	HEXANE	0.53 J		0.23	2.6	UG/M3	0.53 J	
EPD-WA-22-092223	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.92	1	UG/M3	1.0 U	
EPD-WA-22-092223	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.14	0.72	UG/M3	0.72 U	
EPD-WA-22-092223	TO-15	100-42-5	STYRENE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-WA-22-092223	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-WA-22-092223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.16	0.66	UG/M3	0.66 U	
EPD-WA-22-092223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-22-092223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-22-092223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-22-092223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.055	0.2	UG/M3	0.20 U	
EPD-WA-22-092223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0091	0.16	UG/M3	0.16 U	
EPD-WA-22-092223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-WA-22-092223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.012	0.058	UG/M3	0.058 U	
EPD-WA-22-092223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-22-092223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.031 J		0.011	0.12	UG/M3	0.031 J	
EPD-WA-22-092223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 UJ		0.088	0.18	UG/M3	0.18 UJ	
EPD-WA-22-092223	TO-15 SIM	71-43-2	BENZENE	0.76		0.019	0.23	UG/M3	0.76	
EPD-WA-22-092223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.008	0.18	UG/M3	0.38	
EPD-WA-22-092223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.035	0.19	UG/M3	0.19 U	
EPD-WA-22-092223	TO-15 SIM	67-66-3	CHLOROFORM	0.076 J		0.0087	0.14	UG/M3	0.076 J	
EPD-WA-22-092223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61 J		0.22	1.5	UG/M3	0.61 J	
EPD-WA-22-092223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0083	0.12	UG/M3	0.12 U	
EPD-WA-22-092223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.2		0.0063	0.13	UG/M3	0.20	
EPD-WA-22-092223	TO-15 SIM	76-14-2	FREON 114	0.093 J		0.012	0.2	UG/M3	0.093 J	
EPD-WA-22-092223	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-WA-22-092223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.7		0.013	0.25	UG/M3	0.70	
EPD-WA-22-092223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.0065	0.53	UG/M3	0.53 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2309442

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-092223	TO-15 SIM	91-20-3	NAPHTHALENE	0.15	J	0.1	0.38	UG/M3	0.15	J
EPD-WA-22-092223	TO-15 SIM	95-47-6	O-XYLENE	0.27		0.018	0.13	UG/M3	0.27	
EPD-WA-22-092223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.13	J	0.013	0.2	UG/M3	0.13	J
EPD-WA-22-092223	TO-15 SIM	108-88-3	TOLUENE	1.1		0.012	0.28	UG/M3	1.1	
EPD-WA-22-092223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	U	0.0094	0.58	UG/M3	0.58	U
EPD-WA-22-092223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.017	0.16	UG/M3	0.16	U
EPD-WA-22-092223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.0056	0.037	UG/M3	0.037	U