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December 6, 2023

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

**Subject: Data Validation Report  
E Palestine Site - ER  
EPA Contract No.: 68HE0519D0005  
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201  
Document Tracking No. 2117**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for thirty-six air samples (including four field duplicate samples) collected at the E Palestine site. The samples were collected between August 22 - 25, 2023, and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on August 28, 2023.

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

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

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

Sincerely,

Casey  
Cormier

Digitally signed  
by Casey Cormier  
Date: 2023.12.06  
15:47:16 -05'00'

Environmental Chemist

Enclosure

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

**ATTACHMENT**

**DATA VALIDATION REPORT  
EUROFINS AIR TOXICS, LLC REPORT NOS. 2308470, 2308512,  
2308548, AND 2308573**

**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>	2117a		
<b>Laboratory Report No.</b>	2308470	<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>	08/22/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-02-082223 / EPD-WA-22-082223		
<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) were not provided in the Level II laboratory report. The lab provided the RPDs separately. No qualifications were applied.

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

**Sample preservation, receipt, and holding times:**

Within Criteria	Exceedance/Notes
N	<p>The residual canister receipt vacuum values in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The laboratory-measured residual vacuum for EPD-UW-H-082223 was -10.4 "Hg. This high residual vacuum means that the canister did not fill sufficiently and may not be representative of the full collection period and therefore the analytical results should be used with caution.</p>

**Method blanks:**

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2308470-10A): Methylene chloride was detected in the method blank at a level between the MDL and RL. The methylene chloride results in all samples were at levels between the MDLs and RLs, therefore the sample results were raised to the RL and qualified as nondetect (flagged U).</p> <p>TO-15 SIM (2308470-10B): Benzene and naphthalene were detected in the method blank at levels between the MDLs and RLs. The naphthalene results in all samples were at levels between the MDLs and RLs, therefore the sample results were raised to the RL and qualified as nondetect (flagged U). All benzene sample results were at levels greater than ten times the blank levels, therefore no qualifications were applied.</p>

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

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

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
Y	

**MS/MSDs:**

Within Criteria	Exceedance/Notes
NA	

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
NA	

**Field duplicates:**

Within Criteria	Exceedance/Notes
N	EPA-WA-02-082223 / EPA-WA-22-082223: The acetone results in the field sample and field duplicate resulted in an absolute difference that exceeded the site-specific QAPP acceptance criteria. The acetone results in both samples were qualified as estimated (flagged J).

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
Y	

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

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-D-082223 was 1.64</li> <li>• EPD-UW-H-082223 was 1.73</li> <li>• EPD-WA-01-082223 was 1.54</li> <li>• EPD-WA-02-082223 was 1.60</li> <li>• EPD-WA-03-082223 was 1.46</li> <li>• EPD-WA-04-082223 was 1.50</li> <li>• EPD-WA-05-082223 was 1.51</li> <li>• EPD-WA-06-082223 was 1.69</li> <li>• EPD-WA-22-082223 was 1.40</li> </ul>

**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 known TICs were qualified as tentatively identified (flagged NJ). The unknown TICs were qualified as estimated (flagged J). Butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

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

**Other [Calibration verification]:**

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

## 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. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.1 U			3.3	6.1 UG/M3	6.1 U	
EPD-DW-D-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.81 U			0.22	0.81 UG/M3	0.81 U	
EPD-DW-D-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.99 U			0.2	0.99 UG/M3	0.99 U	
EPD-DW-D-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.76 U			0.24	0.76 UG/M3	0.76 U	
EPD-DW-D-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.81 U			0.2	0.81 UG/M3	0.81 U	
EPD-DW-D-082223	TO-15	106-99-0	1,3-BUTADIENE	0.36 U			0.15	0.36 UG/M3	0.36 U	
EPD-DW-D-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.99 U			0.22	0.99 UG/M3	0.99 U	
EPD-DW-D-082223	TO-15	123-91-1	1,4-DIOXANE	0.23 J			0.17	0.59 UG/M3	0.23 J	
EPD-DW-D-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.8 U			1.1	3.8 UG/M3	3.8 U	
EPD-DW-D-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1 J			0.24	2.4 UG/M3	1.1 J	
EPD-DW-D-082223	TO-15	591-78-6	2-HEXANONE	3.4 U			0.75	3.4 UG/M3	3.4 U	
EPD-DW-D-082223	TO-15	67-63-0	2-PROPANOL	8.1 U			0.62	8.1 UG/M3	8.1 U	
EPD-DW-D-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.6 U			0.71	2.6 UG/M3	2.6 U	
EPD-DW-D-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.81 U			0.23	0.81 UG/M3	0.81 U	
EPD-DW-D-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.67 U			0.13	0.67 UG/M3	0.67 U	
EPD-DW-D-082223	TO-15	67-64-1	ACETONE	10			1.8	7.8 UG/M3	10	
EPD-DW-D-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.85 U			0.19	0.85 UG/M3	0.85 U	
EPD-DW-D-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U			0.23	1.1 UG/M3	1.1 U	
EPD-DW-D-082223	TO-15	75-25-2	BROMOFORM	1.7 U			0.31	1.7 UG/M3	1.7 U	
EPD-DW-D-082223	TO-15	74-83-9	BROMOMETHANE	32 U			1.8	32 UG/M3	32 U	
EPD-DW-D-082223	TO-15	75-15-0	CARBON DISULFIDE	2.6 U			2.4	2.6 UG/M3	2.6 U	
EPD-DW-D-082223	TO-15	108-90-7	CHLOROBENZENE	0.76 U			0.21	0.76 UG/M3	0.76 U	
EPD-DW-D-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.74 U			0.13	0.74 UG/M3	0.74 U	
EPD-DW-D-082223	TO-15	98-82-8	CUMENE	0.81 U			0.3	0.81 UG/M3	0.81 U	
EPD-DW-D-082223	TO-15	110-82-7	CYCLOHEXANE	2.8 U			0.55	2.8 UG/M3	2.8 U	
EPD-DW-D-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U			0.22	1.4 UG/M3	1.4 U	
EPD-DW-D-082223	TO-15	64-17-5	ETHANOL	3.9 J			0.65	6.2 UG/M3	3.9 J	
EPD-DW-D-082223	TO-15	75-69-4	FREON 11	0.96			0.14	0.92 UG/M3	0.96	
EPD-DW-D-082223	TO-15	76-13-1	FREON 113	0.39 J			0.24	1.2 UG/M3	0.39 J	
EPD-DW-D-082223	TO-15	142-82-5	HEPTANE	3.4 U			0.52	3.4 UG/M3	3.4 U	
EPD-DW-D-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.7 U			2	8.7 UG/M3	8.7 U	
EPD-DW-D-082223	TO-15	110-54-3	HEXANE	2.9 U			0.7	2.9 UG/M3	2.9 U	
EPD-DW-D-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.41 J			0.25	1.1 UG/M3	1.1 U	
EPD-DW-D-082223	TO-15	103-65-1	PROPYLBENZENE	0.81 U			0.24	0.81 UG/M3	0.81 U	
EPD-DW-D-082223	TO-15	100-42-5	STYRENE	0.7 U			0.19	0.7 UG/M3	0.70 U	
EPD-DW-D-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.4 U			2.3	2.4 UG/M3	2.4 U	
EPD-DW-D-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.74 U			0.22	0.74 UG/M3	0.74 U	
EPD-DW-D-082223	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	2.5 NJ				ppbv	2.5 NJ	
EPD-DW-D-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	1.1 NJ				ppbv	1.1 NJ	
EPD-DW-D-082223	TO-15	106-97-8	BUTANE	0.82 NJ				ppbv	0.82 NJ	
EPD-DW-D-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.91 NJ				ppbv	0.91 NJ	
EPD-DW-D-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-DW-D-082223	TO-15	NA	UNKNOWN TIC	2.2 J				ppbv	2.2 J	
EPD-DW-D-082223	TO-15	NA	UNKNOWN TIC	0.83 J				ppbv	0.83 J	
EPD-DW-D-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U			0.035	0.18 UG/M3	0.18 U	
EPD-DW-D-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22 U			0.059	0.22 UG/M3	0.22 U	
EPD-DW-D-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U			0.02	0.18 UG/M3	0.18 U	
EPD-DW-D-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U			0.024	0.13 UG/M3	0.13 U	
EPD-DW-D-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.065 U			0.032	0.065 UG/M3	0.065 U	
EPD-DW-D-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.25 U			0.042	0.25 UG/M3	0.25 U	
EPD-DW-D-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049 J			0.0094	0.13 UG/M3	0.049 J	
EPD-DW-D-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2 U			0.071	0.2 UG/M3	0.20 U	
EPD-DW-D-082223	TO-15 SIM	71-43-2	BENZENE	0.72			0.021	0.26 UG/M3	0.72	
EPD-DW-D-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44			0.049	0.21 UG/M3	0.44	
EPD-DW-D-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.22 U			0.044	0.22 UG/M3	0.22 U	
EPD-DW-D-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.083 J			0.026	0.16 UG/M3	0.083 J	
EPD-DW-D-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.79 J			0.3	1.7 UG/M3	0.79 J	
EPD-DW-D-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U			0.03	0.13 UG/M3	0.13 U	
EPD-DW-D-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.09 J			0.031	0.14 UG/M3	0.090 J	
EPD-DW-D-082223	TO-15 SIM	76-14-2	FREON 114	0.096 J			0.074	0.23 UG/M3	0.096 J	
EPD-DW-D-082223	TO-15 SIM	75-71-8	FREON 12	1.9			0.043	0.4 UG/M3	1.9	
EPD-DW-D-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.25 J			0.04	0.28 UG/M3	0.25 J	
EPD-DW-D-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.59 U			0.036	0.59 UG/M3	0.59 U	
EPD-DW-D-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.13 J			0.045	0.43 UG/M3	0.43 U	
EPD-DW-D-082223	TO-15 SIM	95-47-6	O-XYLENE	0.099 J			0.042	0.14 UG/M3	0.099 J	
EPD-DW-D-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.036 J			0.029	0.22 UG/M3	0.036 J	
EPD-DW-D-082223	TO-15 SIM	108-88-3	TOLUENE	0.52			0.044	0.31 UG/M3	0.52	
EPD-DW-D-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.65 U			0.031	0.65 UG/M3	0.65 U	
EPD-DW-D-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.026 J			0.014	0.18 UG/M3	0.026 J	
EPD-DW-D-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.042 U			0.017	0.042 UG/M3	0.042 U	
EPD-UW-H-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.4 U			3.5	6.4 UG/M3	6.4 U	
EPD-UW-H-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.85 U			0.23	0.85 UG/M3	0.85 U	
EPD-UW-H-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	1 U			0.21	1 UG/M3	1.0 U	
EPD-UW-H-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.8 U			0.25	0.8 UG/M3	0.80 U	
EPD-UW-H-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.85 U			0.21	0.85 UG/M3	0.85 U	
EPD-UW-H-082223	TO-15	106-99-0	1,3-BUTADIENE	0.38 U			0.16	0.38 UG/M3	0.38 U	
EPD-UW-H-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	1 U			0.23	1 UG/M3	1.0 U	
EPD-UW-H-082223	TO-15	123-91-1	1,4-DIOXANE	0.62 U			0.18	0.62 UG/M3	0.62 U	
EPD-UW-H-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	4 U			1.2	4 UG/M3	4.0 U	
EPD-UW-H-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.73 J			0.26	2.6 UG/M3	0.73 J	
EPD-UW-H-082223	TO-15	591-78-6	2-HEXANONE	3.5 U			0.8	3.5 UG/M3	3.5 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-082223	TO-15	67-63-0	2-PROPANOL	8.5 U		0.65	8.5	UG/M3	8.5 U	
EPD-UW-H-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.7 U		0.74	2.7	UG/M3	2.7 U	
EPD-UW-H-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.85 U		0.24	0.85	UG/M3	0.85 U	
EPD-UW-H-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-UW-H-082223	TO-15	67-64-1	ACETONE	10		1.8	8.2	UG/M3	10	
EPD-UW-H-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.9 U		0.2	0.9	UG/M3	0.90 U	
EPD-UW-H-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1.2 U		0.25	1.2	UG/M3	1.2 U	
EPD-UW-H-082223	TO-15	75-25-2	BROMOFORM	1.8 U		0.33	1.8	UG/M3	1.8 U	
EPD-UW-H-082223	TO-15	74-83-9	BROMOMETHANE	34 U		1.9	34	UG/M3	34 U	
EPD-UW-H-082223	TO-15	75-15-0	CARBON DISULFIDE	2.7 U		2.5	2.7	UG/M3	2.7 U	
EPD-UW-H-082223	TO-15	108-90-7	CHLOROBENZENE	0.8 U		0.22	0.8	UG/M3	0.80 U	
EPD-UW-H-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.78 U		0.14	0.78	UG/M3	0.78 U	
EPD-UW-H-082223	TO-15	98-82-8	CUMENE	0.85 U		0.31	0.85	UG/M3	0.85 U	
EPD-UW-H-082223	TO-15	110-82-7	CYCLOHEXANE	3 U		0.58	3	UG/M3	3.0 U	
EPD-UW-H-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.5 U		0.24	1.5	UG/M3	1.5 U	
EPD-UW-H-082223	TO-15	64-17-5	ETHANOL	5.4 J		0.69	6.5	UG/M3	5.4 J	
EPD-UW-H-082223	TO-15	75-69-4	FREON 11	1.2		0.15	0.97	UG/M3	1.2	
EPD-UW-H-082223	TO-15	76-13-1	FREON 113	0.48 J		0.25	1.3	UG/M3	0.48 J	
EPD-UW-H-082223	TO-15	142-82-5	HEPTANE	3.5 U		0.54	3.5	UG/M3	3.5 U	
EPD-UW-H-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	9.2 U		2.1	9.2	UG/M3	9.2 U	
EPD-UW-H-082223	TO-15	110-54-3	HEXANE	3 U		0.73	3	UG/M3	3.0 U	
EPD-UW-H-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.53 J		0.27	1.2	UG/M3	1.2 U	
EPD-UW-H-082223	TO-15	103-65-1	PROPYLBENZENE	0.85 U		0.25	0.85	UG/M3	0.85 U	
EPD-UW-H-082223	TO-15	100-42-5	STYRENE	0.74 U		0.2	0.74	UG/M3	0.74 U	
EPD-UW-H-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.6 U		2.4	2.6	UG/M3	2.6 U	
EPD-UW-H-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.78 U		0.23	0.78	UG/M3	0.78 U	
EPD-UW-H-082223	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	2.7 NJ				ppbv	2.7 NJ	
EPD-UW-H-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.96 NJ				ppbv	0.96 NJ	
EPD-UW-H-082223	TO-15	106-97-8	BUTANE	3.2 NJ				ppbv	3.2 NJ	
EPD-UW-H-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	3.3 NJ				ppbv	3.3 NJ	
EPD-UW-H-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-UW-H-082223	TO-15	66-25-1	HEXANAL	0.94 NJ				ppbv	0.94 NJ	
EPD-UW-H-082223	TO-15	75-28-5	ISOBUTANE	1 NJ				ppbv	1.0 NJ	
EPD-UW-H-082223	TO-15	109-66-0	PENTANE	1.8 NJ				ppbv	1.8 NJ	
EPD-UW-H-082223	TO-15	1066-40-6	SILANOL, TRIMETHYL-	0.84 NJ				ppbv	0.84 NJ	
EPD-UW-H-082223	TO-15	NA	UNKNOWN TIC	4.1 J				ppbv	4.1 J	
EPD-UW-H-082223	TO-15	NA	UNKNOWN TIC	1.9 J				ppbv	1.9 J	
EPD-UW-H-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.19 U		0.037	0.19	UG/M3	0.19 U	
EPD-UW-H-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.24 U		0.062	0.24	UG/M3	0.24 U	
EPD-UW-H-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.19 U		0.022	0.19	UG/M3	0.19 U	
EPD-UW-H-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.14 U		0.025	0.14	UG/M3	0.14 U	
EPD-UW-H-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.068 U		0.034	0.068	UG/M3	0.068 U	
EPD-UW-H-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26 U		0.044	0.26	UG/M3	0.26 U	
EPD-UW-H-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.059 J		0.0099	0.14	UG/M3	0.059 J	
EPD-UW-H-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.21 U		0.074	0.21	UG/M3	0.21 U	
EPD-UW-H-082223	TO-15 SIM	71-43-2	BENZENE	0.9		0.022	0.28	UG/M3	0.90	
EPD-UW-H-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.52		0.052	0.22	UG/M3	0.52	
EPD-UW-H-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.23 U		0.046	0.23	UG/M3	0.23 U	
EPD-UW-H-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.1 J		0.028	0.17	UG/M3	0.10 J	
EPD-UW-H-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96 J		0.32	1.8	UG/M3	0.96 J	
EPD-UW-H-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.14 U		0.032	0.14	UG/M3	0.14 U	
EPD-UW-H-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.21		0.033	0.15	UG/M3	0.21	
EPD-UW-H-082223	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.078	0.24	UG/M3	0.11 J	
EPD-UW-H-082223	TO-15 SIM	75-71-8	FREON 12	2.3		0.045	0.43	UG/M3	2.3	
EPD-UW-H-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.49		0.042	0.3	UG/M3	0.49	
EPD-UW-H-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.62 U		0.038	0.62	UG/M3	0.62 U	
EPD-UW-H-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.099 J		0.048	0.45	UG/M3	0.45 U	
EPD-UW-H-082223	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.044	0.15	UG/M3	0.19	
EPD-UW-H-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.071 J		0.031	0.23	UG/M3	0.071 J	
EPD-UW-H-082223	TO-15 SIM	108-88-3	TOLUENE	1		0.046	0.32	UG/M3	1.0	
EPD-UW-H-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.094 J		0.033	0.68	UG/M3	0.094 J	
EPD-UW-H-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.024 J		0.015	0.18	UG/M3	0.024 J	
EPD-UW-H-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.044 U		0.018	0.044	UG/M3	0.044 U	
EPD-WA-01-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7 U		3.1	5.7	UG/M3	5.7 U	
EPD-WA-01-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76 U		0.2	0.76	UG/M3	0.76 U	
EPD-WA-01-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92 U		0.18	0.92	UG/M3	0.92 U	
EPD-WA-01-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71 U		0.22	0.71	UG/M3	0.71 U	
EPD-WA-01-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.19	0.76	UG/M3	0.76 U	
EPD-WA-01-082223	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.14	0.34	UG/M3	0.34 U	
EPD-WA-01-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92 U		0.2	0.92	UG/M3	0.92 U	
EPD-WA-01-082223	TO-15	123-91-1	1,4-DIOXANE	0.55 U		0.16	0.55	UG/M3	0.55 U	
EPD-WA-01-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U		1.1	3.6	UG/M3	3.6 U	
EPD-WA-01-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.73 J		0.23	2.3	UG/M3	0.73 J	
EPD-WA-01-082223	TO-15	591-78-6	2-HEXANONE	3.2 U		0.71	3.2	UG/M3	3.2 U	
EPD-WA-01-082223	TO-15	67-63-0	2-PROPANOL	7.6 U		0.58	7.6	UG/M3	7.6 U	
EPD-WA-01-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.66	2.4	UG/M3	2.4 U	
EPD-WA-01-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.21	0.76	UG/M3	0.76 U	
EPD-WA-01-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.12	0.63	UG/M3	0.63 U	
EPD-WA-01-082223	TO-15	67-64-1	ACETONE	9.1		1.6	7.3	UG/M3	9.1	
EPD-WA-01-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.18	0.8	UG/M3	0.80 U	
EPD-WA-01-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-082223	TO-15	75-25-2	BROMOFORM	1.6 U		0.29	1.6	UG/M3	1.6 U	
EPD-WA-01-082223	TO-15	74-83-9	BROMOMETHANE	30 U		1.7	30	UG/M3	30 U	
EPD-WA-01-082223	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.3	2.4	UG/M3	2.4 U	
EPD-WA-01-082223	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.2	0.71	UG/M3	0.71 U	
EPD-WA-01-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.12	0.7	UG/M3	0.70 U	
EPD-WA-01-082223	TO-15	98-82-8	CUMENE	0.76 U		0.28	0.76	UG/M3	0.76 U	
EPD-WA-01-082223	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.52	2.6	UG/M3	2.6 U	
EPD-WA-01-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3 U	
EPD-WA-01-082223	TO-15	64-17-5	ETHANOL	3.4 J		0.61	5.8	UG/M3	3.4 J	
EPD-WA-01-082223	TO-15	75-69-4	FREON 11	1		0.14	0.86	UG/M3	1.0	
EPD-WA-01-082223	TO-15	76-13-1	FREON 113	0.42 J		0.22	1.2	UG/M3	0.42 J	
EPD-WA-01-082223	TO-15	142-82-5	HEPTANE	3.2 U		0.48	3.2	UG/M3	3.2 U	
EPD-WA-01-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2 U		1.9	8.2	UG/M3	8.2 U	
EPD-WA-01-082223	TO-15	110-54-3	HEXANE	2.7 U		0.65	2.7	UG/M3	2.7 U	
EPD-WA-01-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.58 J		0.24	1.1	UG/M3	1.1 U	
EPD-WA-01-082223	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.23	0.76	UG/M3	0.76 U	
EPD-WA-01-082223	TO-15	100-42-5	STYRENE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-01-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		2.1	2.3	UG/M3	2.3 U	
EPD-WA-01-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.21	0.7	UG/M3	0.70 U	
EPD-WA-01-082223	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	2.3 NJ				ppbv	2.3 NJ	
EPD-WA-01-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.89 NJ				ppbv	0.89 NJ	
EPD-WA-01-082223	TO-15	106-97-8	BUTANE	0.94 NJ				ppbv	0.94 NJ	
EPD-WA-01-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.3 NJ				ppbv	1.3 NJ	
EPD-WA-01-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-01-082223	TO-15	556-67-2	CYCLOTETRASILOXANE, OCTAMETHYL-	11 NJ				ppbv	11 NJ	
EPD-WA-01-082223	TO-15	541-05-9	CYCLOTETRISILOXANE, HEXAMETHYL-	51 NJ				ppbv	51 NJ	
EPD-WA-01-082223	TO-15	66-25-1	HEXANAL	1.1 NJ				ppbv	1.1 NJ	
EPD-WA-01-082223	TO-15	124-19-6	NONANAL	1.2 NJ				ppbv	1.2 NJ	
EPD-WA-01-082223	TO-15	109-66-0	PENTANE	1.1 NJ				ppbv	1.1 NJ	
EPD-WA-01-082223	TO-15	NA	UNKNOWN TIC	1.2 J				ppbv	1.2 J	
EPD-WA-01-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.033	0.17	UG/M3	0.17 U	
EPD-WA-01-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.055	0.21	UG/M3	0.21 U	
EPD-WA-01-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.019	0.17	UG/M3	0.17 U	
EPD-WA-01-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12 U	
EPD-WA-01-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.03	0.061	UG/M3	0.061 U	
EPD-WA-01-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.039	0.24	UG/M3	0.24 U	
EPD-WA-01-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.0088	0.12	UG/M3	0.046 J	
EPD-WA-01-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.066	0.18	UG/M3	0.18 U	
EPD-WA-01-082223	TO-15 SIM	71-43-2	BENZENE	0.76		0.02	0.24	UG/M3	0.76	
EPD-WA-01-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.046	0.19	UG/M3	0.42	
EPD-WA-01-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.041	0.2	UG/M3	0.20 U	
EPD-WA-01-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.08 J		0.025	0.15	UG/M3	0.080 J	
EPD-WA-01-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.79 J		0.28	1.6	UG/M3	0.79 J	
EPD-WA-01-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-01-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.084 J		0.029	0.13	UG/M3	0.084 J	
EPD-WA-01-082223	TO-15 SIM	76-14-2	FREON 114	0.096 J		0.07	0.22	UG/M3	0.096 J	
EPD-WA-01-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.04	0.38	UG/M3	1.9	
EPD-WA-01-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23 J		0.038	0.27	UG/M3	0.23 J	
EPD-WA-01-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.034	0.56	UG/M3	0.56 U	
EPD-WA-01-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J		0.043	0.4	UG/M3	0.40 U	
EPD-WA-01-082223	TO-15 SIM	95-47-6	O-XYLENE	0.09 J		0.039	0.13	UG/M3	0.090 J	
EPD-WA-01-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.04 J		0.028	0.21	UG/M3	0.040 J	
EPD-WA-01-082223	TO-15 SIM	108-88-3	TOLUENE	0.66		0.041	0.29	UG/M3	0.66	
EPD-WA-01-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.13 J		0.029	0.61	UG/M3	0.13 J	
EPD-WA-01-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019 J		0.013	0.16	UG/M3	0.019 J	
EPD-WA-01-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039 U		0.016	0.039	UG/M3	0.039 U	
EPD-WA-02-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9 U		3.2	5.9	UG/M3	5.9 U	
EPD-WA-02-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.79 U		0.21	0.79	UG/M3	0.79 U	
EPD-WA-02-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.96 U		0.19	0.96	UG/M3	0.96 U	
EPD-WA-02-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.74 U		0.23	0.74	UG/M3	0.74 U	
EPD-WA-02-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.79 U		0.19	0.79	UG/M3	0.79 U	
EPD-WA-02-082223	TO-15	106-99-0	1,3-BUTADIENE	0.35 U		0.15	0.35	UG/M3	0.35 U	
EPD-WA-02-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.96 U		0.21	0.96	UG/M3	0.96 U	
EPD-WA-02-082223	TO-15	123-91-1	1,4-DIOXANE	0.58 U		0.17	0.58	UG/M3	0.58 U	
EPD-WA-02-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.7 U		1.1	3.7	UG/M3	3.7 U	
EPD-WA-02-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.9 J		0.24	2.4	UG/M3	1.9 J	
EPD-WA-02-082223	TO-15	591-78-6	2-HEXANONE	3.3 U		0.74	3.3	UG/M3	3.3 U	
EPD-WA-02-082223	TO-15	67-63-0	2-PROPANOL	0.78 J		0.6	7.9	UG/M3	0.78 J	
EPD-WA-02-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.5 U		0.69	2.5	UG/M3	2.5 U	
EPD-WA-02-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.79 U		0.22	0.79	UG/M3	0.79 U	
EPD-WA-02-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-02-082223	TO-15	67-64-1	ACETONE	14		1.7	7.6	UG/M3	14 J	
EPD-WA-02-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.83 U		0.19	0.83	UG/M3	0.83 U	
EPD-WA-02-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.23	1.1	UG/M3	1.1 U	
EPD-WA-02-082223	TO-15	75-25-2	BROMOFORM	1.6 U		0.3	1.6	UG/M3	1.6 U	
EPD-WA-02-082223	TO-15	74-83-9	BROMOMETHANE	31 U		1.8	31	UG/M3	31 U	
EPD-WA-02-082223	TO-15	75-15-0	CARBON DISULFIDE	2.5 U		2.4	2.5	UG/M3	2.5 U	
EPD-WA-02-082223	TO-15	108-90-7	CHLOROBENZENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-02-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.73 U		0.13	0.73	UG/M3	0.73 U	
EPD-WA-02-082223	TO-15	98-82-8	CUMENE	0.79 U		0.29	0.79	UG/M3	0.79 U	
EPD-WA-02-082223	TO-15	110-82-7	CYCLOHEXANE	2.8 U		0.54	2.8	UG/M3	2.8 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4	U	0.22	1.4	UG/M3	1.4	U
EPD-WA-02-082223	TO-15	64-17-5	ETHANOL	3.6	J	0.64	6	UG/M3	3.6	J
EPD-WA-02-082223	TO-15	75-69-4	FREON 11	1		0.14	0.9	UG/M3	1.0	
EPD-WA-02-082223	TO-15	76-13-1	FREON 113	0.39	J	0.23	1.2	UG/M3	0.39	J
EPD-WA-02-082223	TO-15	142-82-5	HEPTANE	3.3	U	0.5	3.3	UG/M3	3.3	U
EPD-WA-02-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.5	U	2	8.5	UG/M3	8.5	U
EPD-WA-02-082223	TO-15	110-54-3	HEXANE	2.8	U	0.68	2.8	UG/M3	2.8	U
EPD-WA-02-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.44	J	0.25	1.1	UG/M3	1.1	U
EPD-WA-02-082223	TO-15	103-65-1	PROPYLENBENZENE	0.79	U	0.24	0.79	UG/M3	0.79	U
EPD-WA-02-082223	TO-15	100-42-5	STYRENE	0.68	U	0.19	0.68	UG/M3	0.68	U
EPD-WA-02-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.4	U	2.2	2.4	UG/M3	2.4	U
EPD-WA-02-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.73	U	0.21	0.73	UG/M3	0.73	U
EPD-WA-02-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	1	NJ			ppbv	1.0	NJ
EPD-WA-02-082223	TO-15	693-54-9	2-DECANONE	3.2	NJ			ppbv	3.2	NJ
EPD-WA-02-082223	TO-15	19689-19-1	5-DECENE	3.7	NJ			ppbv	3.7	NJ
EPD-WA-02-082223	TO-15	123-72-8	BUTANAL	2	NJ			ppbv	2.0	NJ
EPD-WA-02-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			ppbv	0	U,NF
EPD-WA-02-082223	TO-15	19398-88-0	CIS-4-DECENE	2	NJ			ppbv	2.0	NJ
EPD-WA-02-082223	TO-15	62238-08-8	CYCLOPROPANE, 1-ETHYL-2-PENTYL-	5.9	NJ			ppbv	5.9	NJ
EPD-WA-02-082223	TO-15	544-76-3	HEXADECANE	4.1	NJ			ppbv	4.1	NJ
EPD-WA-02-082223	TO-15	66-25-1	HEXANAL	1.9	NJ			ppbv	1.9	NJ
EPD-WA-02-082223	TO-15	124-19-6	NONANAL	1.8	NJ			ppbv	1.8	NJ
EPD-WA-02-082223	TO-15	18794-77-9	THIOPHENE, 2-HEXYL-	2.8	NJ			ppbv	2.8	NJ
EPD-WA-02-082223	TO-15	NA	UNKNOWN TIC	3.5	J			ppbv	3.5	J
EPD-WA-02-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.034	0.17	UG/M3	0.17	U
EPD-WA-02-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.057	0.22	UG/M3	0.22	U
EPD-WA-02-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.02	0.17	UG/M3	0.17	U
EPD-WA-02-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.023	0.13	UG/M3	0.13	U
EPD-WA-02-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063	U	0.032	0.063	UG/M3	0.063	U
EPD-WA-02-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.04	0.24	UG/M3	0.24	U
EPD-WA-02-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044	J	0.0091	0.13	UG/M3	0.044	J
EPD-WA-02-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.069	0.19	UG/M3	0.19	U
EPD-WA-02-082223	TO-15 SIM	71-43-2	BENZENE	0.76		0.02	0.26	UG/M3	0.76	
EPD-WA-02-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.048	0.2	UG/M3	0.41	
EPD-WA-02-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.043	0.21	UG/M3	0.21	U
EPD-WA-02-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.026	0.16	UG/M3	0.078	J
EPD-WA-02-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.75	J	0.29	1.6	UG/M3	0.75	J
EPD-WA-02-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13	U	0.03	0.13	UG/M3	0.13	U
EPD-WA-02-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.094	J	0.03	0.14	UG/M3	0.094	J
EPD-WA-02-082223	TO-15 SIM	76-14-2	FREON 114	0.087	J	0.072	0.22	UG/M3	0.087	J
EPD-WA-02-082223	TO-15 SIM	75-71-8	FREON 12	1.8		0.042	0.4	UG/M3	1.8	
EPD-WA-02-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.25	J	0.039	0.28	UG/M3	0.25	J
EPD-WA-02-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.58	U	0.035	0.58	UG/M3	0.58	U
EPD-WA-02-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.18	J	0.044	0.42	UG/M3	0.42	U
EPD-WA-02-082223	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.04	0.14	UG/M3	0.11	J
EPD-WA-02-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.044	J	0.029	0.22	UG/M3	0.044	J
EPD-WA-02-082223	TO-15 SIM	108-88-3	TOLUENE	0.56		0.043	0.3	UG/M3	0.56	
EPD-WA-02-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.15	J	0.03	0.63	UG/M3	0.15	J
EPD-WA-02-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018	J	0.014	0.17	UG/M3	0.018	J
EPD-WA-02-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.041	U	0.017	0.041	UG/M3	0.041	U
EPD-WA-03-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	2.9	5.4	UG/M3	5.4	U
EPD-WA-03-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.19	0.72	UG/M3	0.72	U
EPD-WA-03-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.17	0.88	UG/M3	0.88	U
EPD-WA-03-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.21	0.67	UG/M3	0.67	U
EPD-WA-03-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.18	0.72	UG/M3	0.72	U
EPD-WA-03-082223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.14	0.32	UG/M3	0.32	U
EPD-WA-03-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-03-082223	TO-15	123-91-1	1,4-DIOXANE	0.2	J	0.15	0.53	UG/M3	0.20	J
EPD-WA-03-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	1	3.4	UG/M3	3.4	U
EPD-WA-03-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.5	J	0.22	2.2	UG/M3	1.5	J
EPD-WA-03-082223	TO-15	591-78-6	2-HEXANONE	3	U	0.67	3	UG/M3	3.0	U
EPD-WA-03-082223	TO-15	67-63-0	2-PROPANOL	2.1	J	0.55	7.2	UG/M3	2.1	J
EPD-WA-03-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.63	2.3	UG/M3	2.3	U
EPD-WA-03-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.2	0.72	UG/M3	0.72	U
EPD-WA-03-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.19	J	0.12	0.6	UG/M3	0.19	J
EPD-WA-03-082223	TO-15	67-64-1	ACETONE	7.8		1.6	6.9	UG/M3	7.8	
EPD-WA-03-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.17	0.76	UG/M3	0.76	U
EPD-WA-03-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.21	0.98	UG/M3	0.98	U
EPD-WA-03-082223	TO-15	75-25-2	BROMOFORM	1.5	U	0.28	1.5	UG/M3	1.5	U
EPD-WA-03-082223	TO-15	74-83-9	BROMOMETHANE	28	U	1.6	28	UG/M3	28	U
EPD-WA-03-082223	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	2.1	2.3	UG/M3	2.3	U
EPD-WA-03-082223	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-03-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.12	0.66	UG/M3	0.66	U
EPD-WA-03-082223	TO-15	98-82-8	CUMENE	0.72	U	0.26	0.72	UG/M3	0.72	U
EPD-WA-03-082223	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.49	2.5	UG/M3	2.5	U
EPD-WA-03-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3	1.2	U
EPD-WA-03-082223	TO-15	64-17-5	ETHANOL	2.8	J	0.58	5.5	UG/M3	2.8	J
EPD-WA-03-082223	TO-15	75-69-4	FREON 11	1		0.13	0.82	UG/M3	1.0	
EPD-WA-03-082223	TO-15	76-13-1	FREON 113	0.37	J	0.21	1.1	UG/M3	0.37	J
EPD-WA-03-082223	TO-15	142-82-5	HEPTANE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-03-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	1.8	7.8	UG/M3	7.8	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-082223	TO-15	110-54-3	HEXANE	2.6 U		0.62	2.6	UG/M3	2.6 U	
EPD-WA-03-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.37 J		0.22	1	UG/M3	1.0 U	
EPD-WA-03-082223	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.22	0.72	UG/M3	0.72 U	
EPD-WA-03-082223	TO-15	100-42-5	STYRENE	0.62 U		0.17	0.62	UG/M3	0.62 U	
EPD-WA-03-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2	2.2	UG/M3	2.2 U	
EPD-WA-03-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.2	0.66	UG/M3	0.66 U	
EPD-WA-03-082223	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	1.6 NJ				ppbv	1.6 NJ	
EPD-WA-03-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.87 NJ				ppbv	0.87 NJ	
EPD-WA-03-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.74 NJ				ppbv	0.74 NJ	
EPD-WA-03-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-03-082223	TO-15	NA	UNKNOWN TIC	1.4 J				ppbv	1.4 J	
EPD-WA-03-082223	TO-15	NA	UNKNOWN TIC	0.94 J				ppbv	0.94 J	
EPD-WA-03-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.031	0.16	UG/M3	0.16 U	
EPD-WA-03-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.052	0.2	UG/M3	0.20 U	
EPD-WA-03-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.018	0.16	UG/M3	0.16 U	
EPD-WA-03-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.021	0.12	UG/M3	0.12 U	
EPD-WA-03-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058 U		0.029	0.058	UG/M3	0.058 U	
EPD-WA-03-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.037	0.22	UG/M3	0.22 U	
EPD-WA-03-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.047 J		0.0083	0.12	UG/M3	0.047 J	
EPD-WA-03-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.063	0.18	UG/M3	0.18 U	
EPD-WA-03-082223	TO-15 SIM	71-43-2	BENZENE	0.62		0.019	0.23	UG/M3	0.62	
EPD-WA-03-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.044	0.18	UG/M3	0.44	
EPD-WA-03-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.039	0.19	UG/M3	0.19 U	
EPD-WA-03-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.081 J		0.024	0.14	UG/M3	0.081 J	
EPD-WA-03-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.81 J		0.27	1.5	UG/M3	0.81 J	
EPD-WA-03-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-WA-03-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.044 J		0.028	0.13	UG/M3	0.044 J	
EPD-WA-03-082223	TO-15 SIM	76-14-2	FREON 114	0.1 J		0.066	0.2	UG/M3	0.10 J	
EPD-WA-03-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.038	0.36	UG/M3	1.9	
EPD-WA-03-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.1 J		0.036	0.25	UG/M3	0.10 J	
EPD-WA-03-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.032	0.53	UG/M3	0.53 U	
EPD-WA-03-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.043 J		0.04	0.38	UG/M3	0.38 U	
EPD-WA-03-082223	TO-15 SIM	95-47-6	O-XYLENE	0.044 J		0.037	0.13	UG/M3	0.044 J	
EPD-WA-03-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.034 J		0.026	0.2	UG/M3	0.034 J	
EPD-WA-03-082223	TO-15 SIM	108-88-3	TOLUENE	0.34		0.039	0.28	UG/M3	0.34	
EPD-WA-03-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 U		0.028	0.58	UG/M3	0.58 U	
EPD-WA-03-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019 J		0.013	0.16	UG/M3	0.019 J	
EPD-WA-03-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.015	0.037	UG/M3	0.037 U	
EPD-WA-04-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6 U	
EPD-WA-04-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74 U	
EPD-WA-04-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9 U		0.18	0.9	UG/M3	0.90 U	
EPD-WA-04-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69 U		0.22	0.69	UG/M3	0.69 U	
EPD-WA-04-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74 U	
EPD-WA-04-082223	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	
EPD-WA-04-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9 U		0.2	0.9	UG/M3	0.90 U	
EPD-WA-04-082223	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54 U	
EPD-WA-04-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5 U	
EPD-WA-04-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.6 J		0.22	2.2	UG/M3	1.6 J	
EPD-WA-04-082223	TO-15	591-78-6	2-HEXANONE	3.1 U		0.69	3.1	UG/M3	3.1 U	
EPD-WA-04-082223	TO-15	67-63-0	2-PROPANOL	7.4 U		0.56	7.4	UG/M3	7.4 U	
EPD-WA-04-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.65	2.3	UG/M3	2.3 U	
EPD-WA-04-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-04-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.15 J		0.12	0.61	UG/M3	0.15 J	
EPD-WA-04-082223	TO-15	67-64-1	ACETONE	7.1		1.6	7.1	UG/M3	7.1	
EPD-WA-04-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78 U	
EPD-WA-04-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.21	1	UG/M3	1.0 U	
EPD-WA-04-082223	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6 U	
EPD-WA-04-082223	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29 U	
EPD-WA-04-082223	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		2.2	2.3	UG/M3	2.3 U	
EPD-WA-04-082223	TO-15	108-90-7	CHLOROBENZENE	0.69 U		0.19	0.69	UG/M3	0.69 U	
EPD-WA-04-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-WA-04-082223	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74 U	
EPD-WA-04-082223	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.5	2.6	UG/M3	2.6 U	
EPD-WA-04-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3 U	
EPD-WA-04-082223	TO-15	64-17-5	ETHANOL	2.9 J		0.6	5.6	UG/M3	2.9 J	
EPD-WA-04-082223	TO-15	75-69-4	FREON 11	1		0.13	0.84	UG/M3	1.0	
EPD-WA-04-082223	TO-15	76-13-1	FREON 113	0.46 J		0.22	1.1	UG/M3	0.46 J	
EPD-WA-04-082223	TO-15	142-82-5	HEPTANE	3.1 U		0.47	3.1	UG/M3	3.1 U	
EPD-WA-04-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.8	8	UG/M3	8.0 U	
EPD-WA-04-082223	TO-15	110-54-3	HEXANE	2.6 U		0.64	2.6	UG/M3	2.6 U	
EPD-WA-04-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.37 J		0.23	1	UG/M3	1.0 U	
EPD-WA-04-082223	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-WA-04-082223	TO-15	100-42-5	STYRENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-WA-04-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-04-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-WA-04-082223	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	2.1 NJ				ppbv	2.1 NJ	
EPD-WA-04-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.8 NJ				ppbv	0.80 NJ	
EPD-WA-04-082223	TO-15	106-97-8	BUTANE	0.76 NJ				ppbv	0.76 NJ	
EPD-WA-04-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1 NJ				ppbv	1.1 NJ	
EPD-WA-04-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-04-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-082223	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-04-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16	U
EPD-WA-04-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12	U
EPD-WA-04-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.03	0.059	UG/M3	0.059	U
EPD-WA-04-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23	U
EPD-WA-04-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.0086	0.12	UG/M3	0.046	J
EPD-WA-04-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3	0.18	U
EPD-WA-04-082223	TO-15 SIM	71-43-2	BENZENE	0.72		0.019	0.24	UG/M3	0.72	
EPD-WA-04-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.045	0.19	UG/M3	0.41	
EPD-WA-04-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20	U
EPD-WA-04-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.083 J		0.024	0.15	UG/M3	0.083	J
EPD-WA-04-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77 J		0.27	1.5	UG/M3	0.77	J
EPD-WA-04-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12	U
EPD-WA-04-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.063 J		0.028	0.13	UG/M3	0.063	J
EPD-WA-04-082223	TO-15 SIM	76-14-2	FREON 114	0.087 J		0.068	0.21	UG/M3	0.087	J
EPD-WA-04-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.039	0.37	UG/M3	1.9	
EPD-WA-04-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16 J		0.037	0.26	UG/M3	0.16	J
EPD-WA-04-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.033	0.54	UG/M3	0.54	U
EPD-WA-04-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.094 J		0.042	0.39	UG/M3	0.39	J
EPD-WA-04-082223	TO-15 SIM	95-47-6	O-XYLENE	0.068 J		0.038	0.13	UG/M3	0.068	J
EPD-WA-04-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.041 J		0.027	0.2	UG/M3	0.041	J
EPD-WA-04-082223	TO-15 SIM	108-88-3	TOLUENE	0.48		0.04	0.28	UG/M3	0.48	
EPD-WA-04-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.029	0.59	UG/M3	0.59	U
EPD-WA-04-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.023 J		0.013	0.16	UG/M3	0.023	J
EPD-WA-04-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038	U
EPD-WA-05-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6	U
EPD-WA-05-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74	U
EPD-WA-05-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.18	0.91	UG/M3	0.91	U
EPD-WA-05-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.22	0.7	UG/M3	0.70	U
EPD-WA-05-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74	U
EPD-WA-05-082223	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33	U
EPD-WA-05-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.2	0.91	UG/M3	0.91	U
EPD-WA-05-082223	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54	U
EPD-WA-05-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5	U
EPD-WA-05-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.67 J		0.22	2.2	UG/M3	0.67	J
EPD-WA-05-082223	TO-15	591-78-6	2-HEXANONE	3.1 U		0.7	3.1	UG/M3	3.1	U
EPD-WA-05-082223	TO-15	67-63-0	2-PROPANOL	7.4 U		0.57	7.4	UG/M3	7.4	U
EPD-WA-05-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4	U
EPD-WA-05-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74	U
EPD-WA-05-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.12	0.62	UG/M3	0.62	U
EPD-WA-05-082223	TO-15	67-64-1	ACETONE	6.9 J		1.6	7.2	UG/M3	6.9	J
EPD-WA-05-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78	U
EPD-WA-05-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0	U
EPD-WA-05-082223	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6	U
EPD-WA-05-082223	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29	U
EPD-WA-05-082223	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.2	2.4	UG/M3	2.4	U
EPD-WA-05-082223	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.2	0.7	UG/M3	0.70	U
EPD-WA-05-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68	U
EPD-WA-05-082223	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74	U
EPD-WA-05-082223	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.51	2.6	UG/M3	2.6	U
EPD-WA-05-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3	U
EPD-WA-05-082223	TO-15	64-17-5	ETHANOL	3.3 J		0.6	5.7	UG/M3	3.3	J
EPD-WA-05-082223	TO-15	75-69-4	FREON 11	0.9		0.13	0.85	UG/M3	0.90	
EPD-WA-05-082223	TO-15	76-13-1	FREON 113	0.44 J		0.22	1.2	UG/M3	0.44	J
EPD-WA-05-082223	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3	3.1	U
EPD-WA-05-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3	8.0	U
EPD-WA-05-082223	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3	2.7	U
EPD-WA-05-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.48 J		0.23	1	UG/M3	1.0	J
EPD-WA-05-082223	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3	0.74	U
EPD-WA-05-082223	TO-15	100-42-5	STYRENE	0.64 U		0.18	0.64	UG/M3	0.64	U
EPD-WA-05-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2	U
EPD-WA-05-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68	U
EPD-WA-05-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.84 NJ				ppbv	0.84	NJ
EPD-WA-05-082223	TO-15	106-97-8	BUTANE	0.89 NJ				ppbv	0.89	NJ
EPD-WA-05-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.4 NJ				ppbv	1.4	NJ
EPD-WA-05-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0	U,NF
EPD-WA-05-082223	TO-15	111-71-7	HEPTANAL	0.9 NJ				ppbv	0.90	NJ
EPD-WA-05-082223	TO-15	124-19-6	NONANAL	1.9 NJ				ppbv	1.9	NJ
EPD-WA-05-082223	TO-15	124-13-0	OCTANAL	1.4 NJ				ppbv	1.4	NJ
EPD-WA-05-082223	TO-15	109-66-0	PENTANE	0.88 NJ				ppbv	0.88	NJ
EPD-WA-05-082223	TO-15	1066-40-6	SILANOL, TRIMETHYL-	0.8 NJ				ppbv	0.80	NJ
EPD-WA-05-082223	TO-15	NA	UNKNOWN TIC	1.6 J				ppbv	1.6	J
EPD-WA-05-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16	U
EPD-WA-05-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3	0.21	U
EPD-WA-05-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16	U
EPD-WA-05-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12	U
EPD-WA-05-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.03	0.06	UG/M3	0.060	U
EPD-WA-05-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23	U
EPD-WA-05-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.051 J		0.0086	0.12	UG/M3	0.051	J
EPD-WA-05-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3	0.18	U
EPD-WA-05-082223	TO-15 SIM	71-43-2	BENZENE	0.78		0.019	0.24	UG/M3	0.78	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
 EUROFIN AIR TOXICS, LLC REPORT NO. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.046	0.19	UG/M3	0.44	
EPD-WA-05-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20	U
EPD-WA-05-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.089 J		0.024	0.15	UG/M3	0.089	J
EPD-WA-05-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.8 J		0.28	1.6	UG/M3	0.80	J
EPD-WA-05-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12	U
EPD-WA-05-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11 J		0.029	0.13	UG/M3	0.11	J
EPD-WA-05-082223	TO-15 SIM	76-14-2	FREON 114	0.089 J		0.068	0.21	UG/M3	0.089	J
EPD-WA-05-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.04	0.37	UG/M3	1.9	
EPD-WA-05-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.38		0.037	0.26	UG/M3	0.38	
EPD-WA-05-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.033	0.54	UG/M3	0.54	U
EPD-WA-05-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.048 J		0.042	0.4	UG/M3	0.40	U
EPD-WA-05-082223	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.038	0.13	UG/M3	0.14	
EPD-WA-05-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.034 J		0.027	0.2	UG/M3	0.034	J
EPD-WA-05-082223	TO-15 SIM	108-88-3	TOLUENE	0.91		0.04	0.28	UG/M3	0.91	
EPD-WA-05-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6 U		0.029	0.6	UG/M3	0.60	U
EPD-WA-05-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.039 J		0.013	0.16	UG/M3	0.039	J
EPD-WA-05-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038	U
EPD-WA-06-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.3 U		3.4	6.3	UG/M3	6.3	U
EPD-WA-06-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.83 U		0.22	0.83	UG/M3	0.83	U
EPD-WA-06-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	1 U		0.2	1	UG/M3	1.0	U
EPD-WA-06-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.78 U		0.25	0.78	UG/M3	0.78	U
EPD-WA-06-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.83 U		0.2	0.83	UG/M3	0.83	U
EPD-WA-06-082223	TO-15	106-99-0	1,3-BUTADIENE	0.37 U		0.16	0.37	UG/M3	0.37	U
EPD-WA-06-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	1 U		0.22	1	UG/M3	1.0	U
EPD-WA-06-082223	TO-15	123-91-1	1,4-DIOXANE	0.61 U		0.18	0.61	UG/M3	0.61	U
EPD-WA-06-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.9 U		1.2	3.9	UG/M3	3.9	U
EPD-WA-06-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.98 J		0.25	2.5	UG/M3	0.98	J
EPD-WA-06-082223	TO-15	591-78-6	2-HEXANONE	3.5 U		0.78	3.5	UG/M3	3.5	U
EPD-WA-06-082223	TO-15	67-63-0	2-PROPANOL	8.3 U		0.64	8.3	UG/M3	8.3	U
EPD-WA-06-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.6 U		0.73	2.6	UG/M3	2.6	U
EPD-WA-06-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.83 U		0.23	0.83	UG/M3	0.83	U
EPD-WA-06-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.69 U		0.14	0.69	UG/M3	0.69	U
EPD-WA-06-082223	TO-15	67-64-1	ACETONE	10		1.8	8	UG/M3	10	
EPD-WA-06-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.87 U		0.2	0.87	UG/M3	0.87	U
EPD-WA-06-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.24	1.1	UG/M3	1.1	U
EPD-WA-06-082223	TO-15	75-25-2	BROMOFORM	1.7 U		0.32	1.7	UG/M3	1.7	U
EPD-WA-06-082223	TO-15	74-83-9	BROMOMETHANE	33 U		1.9	33	UG/M3	33	U
EPD-WA-06-082223	TO-15	75-15-0	CARBON DISULFIDE	2.6 U		2.5	2.6	UG/M3	2.6	U
EPD-WA-06-082223	TO-15	108-90-7	CHLOROBENZENE	0.78 U		0.22	0.78	UG/M3	0.78	U
EPD-WA-06-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.77 U		0.14	0.77	UG/M3	0.77	U
EPD-WA-06-082223	TO-15	98-82-8	CUMENE	0.83 U		0.3	0.83	UG/M3	0.83	U
EPD-WA-06-082223	TO-15	110-82-7	CYCLOHEXANE	2.9 U		0.57	2.9	UG/M3	2.9	U
EPD-WA-06-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.23	1.4	UG/M3	1.4	U
EPD-WA-06-082223	TO-15	64-17-5	ETHANOL	6.1 J		0.67	6.4	UG/M3	6.1	J
EPD-WA-06-082223	TO-15	75-69-4	FREON 11	1		0.15	0.95	UG/M3	1.0	
EPD-WA-06-082223	TO-15	76-13-1	FREON 113	0.39 J		0.25	1.3	UG/M3	0.39	J
EPD-WA-06-082223	TO-15	142-82-5	HEPTANE	3.5 U		0.53	3.5	UG/M3	3.5	U
EPD-WA-06-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	9 U		2.1	9	UG/M3	9.0	U
EPD-WA-06-082223	TO-15	110-54-3	HEXANE	3 U		0.72	3	UG/M3	3.0	U
EPD-WA-06-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.46 J		0.26	1.2	UG/M3	1.1	U
EPD-WA-06-082223	TO-15	103-65-1	PROPYLBENZENE	0.83 U		0.25	0.83	UG/M3	0.83	U
EPD-WA-06-082223	TO-15	100-42-5	STYRENE	0.72 U		0.2	0.72	UG/M3	0.72	U
EPD-WA-06-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.5 U		2.4	2.5	UG/M3	2.5	U
EPD-WA-06-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.77 U		0.23	0.77	UG/M3	0.77	U
EPD-WA-06-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.88 NJ				ppbv	0.88	NJ
EPD-WA-06-082223	TO-15	106-97-8	BUTANE	1.1 NJ				ppbv	1.1	NJ
EPD-WA-06-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.5 NJ				ppbv	1.5	NJ
EPD-WA-06-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0	U,NF
EPD-WA-06-082223	TO-15	109-66-0	PENTANE	0.9 NJ				ppbv	0.90	NJ
EPD-WA-06-082223	TO-15	NA	UNKNOWN TIC	1.6 J				ppbv	1.6	J
EPD-WA-06-082223	TO-15	NA	UNKNOWN TIC	0.85 J				ppbv	0.85	J
EPD-WA-06-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U		0.036	0.18	UG/M3	0.18	U
EPD-WA-06-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.23 U		0.06	0.23	UG/M3	0.23	U
EPD-WA-06-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U		0.021	0.18	UG/M3	0.18	U
EPD-WA-06-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.14 U		0.024	0.14	UG/M3	0.14	U
EPD-WA-06-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.067 U		0.034	0.067	UG/M3	0.067	U
EPD-WA-06-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26 U		0.043	0.26	UG/M3	0.26	U
EPD-WA-06-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J		0.0096	0.14	UG/M3	0.043	J
EPD-WA-06-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2 U		0.073	0.2	UG/M3	0.20	U
EPD-WA-06-082223	TO-15 SIM	71-43-2	BENZENE	0.77		0.022	0.27	UG/M3	0.77	
EPD-WA-06-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.051	0.21	UG/M3	0.44	
EPD-WA-06-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.22 U		0.045	0.22	UG/M3	0.22	U
EPD-WA-06-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.084 J		0.027	0.16	UG/M3	0.084	J
EPD-WA-06-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77 J		0.31	1.7	UG/M3	0.77	J
EPD-WA-06-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U		0.031	0.13	UG/M3	0.13	U
EPD-WA-06-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.095 J		0.032	0.15	UG/M3	0.095	J
EPD-WA-06-082223	TO-15 SIM	76-14-2	FREON 114	0.1 J		0.077	0.24	UG/M3	0.10	J
EPD-WA-06-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.044	0.42	UG/M3	1.9	
EPD-WA-06-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.26 J		0.042	0.29	UG/M3	0.26	J
EPD-WA-06-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.61 U		0.037	0.61	UG/M3	0.61	U
EPD-WA-06-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.23 J		0.047	0.44	UG/M3	0.44	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308470

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-082223	TO-15 SIM	95-47-6	O-XYLENE	0.094 J		0.043	0.15	UG/M3	0.094 J	
EPD-WA-06-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.045 J		0.03	0.23	UG/M3	0.045 J	
EPD-WA-06-082223	TO-15 SIM	108-88-3	TOLUENE	0.46		0.045	0.32	UG/M3	0.46	
EPD-WA-06-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.053 J		0.032	0.67	UG/M3	0.053 J	
EPD-WA-06-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.021 J		0.015	0.18	UG/M3	0.021 J	
EPD-WA-06-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.043 U		0.018	0.043	UG/M3	0.043 U	
EPD-WA-22-082223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		2.8	5.2	UG/M3	5.2 U	
EPD-WA-22-082223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69 U		0.18	0.69	UG/M3	0.69 U	
EPD-WA-22-082223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.17	0.84	UG/M3	0.84 U	
EPD-WA-22-082223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.2	0.65	UG/M3	0.65 U	
EPD-WA-22-082223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.17	0.69	UG/M3	0.69 U	
EPD-WA-22-082223	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-WA-22-082223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-WA-22-082223	TO-15	123-91-1	1,4-DIOXANE	0.31 J		0.15	0.5	UG/M3	0.31 J	
EPD-WA-22-082223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.97	3.3	UG/M3	3.3 U	
EPD-WA-22-082223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.84 J		0.21	2.1	UG/M3	0.84 J	
EPD-WA-22-082223	TO-15	591-78-6	2-HEXANONE	2.9 U		0.64	2.9	UG/M3	2.9 U	
EPD-WA-22-082223	TO-15	67-63-0	2-PROPANOL	0.59 J		0.53	6.9	UG/M3	0.59 J	
EPD-WA-22-082223	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-22-082223	TO-15	622-96-8	4-ETHYLTOLUENE	0.69 U		0.19	0.69	UG/M3	0.69 U	
EPD-WA-22-082223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.11	0.57	UG/M3	0.57 U	
EPD-WA-22-082223	TO-15	67-64-1	ACETONE	6.7		1.5	6.6	UG/M3	6.7 J	
EPD-WA-22-082223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.16	0.72	UG/M3	0.72 U	
EPD-WA-22-082223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.2	0.94	UG/M3	0.94 U	
EPD-WA-22-082223	TO-15	75-25-2	BROMOFORM	1.4 U		0.26	1.4	UG/M3	1.4 U	
EPD-WA-22-082223	TO-15	74-83-9	BROMOMETHANE	27 U		1.6	27	UG/M3	27 U	
EPD-WA-22-082223	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		2	2.2	UG/M3	2.2 U	
EPD-WA-22-082223	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-22-082223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.11	0.64	UG/M3	0.64 U	
EPD-WA-22-082223	TO-15	98-82-8	CUMENE	0.69 U		0.25	0.69	UG/M3	0.69 U	
EPD-WA-22-082223	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.47	2.4	UG/M3	2.4 U	
EPD-WA-22-082223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.19	1.2	UG/M3	1.2 U	
EPD-WA-22-082223	TO-15	64-17-5	ETHANOL	3.4 J		0.56	5.3	UG/M3	3.4 J	
EPD-WA-22-082223	TO-15	75-69-4	FREON 11	0.97		0.12	0.79	UG/M3	0.97	
EPD-WA-22-082223	TO-15	76-13-1	FREON 113	0.45 J		0.2	1.1	UG/M3	0.45 J	
EPD-WA-22-082223	TO-15	142-82-5	HEPTANE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-22-082223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		1.7	7.5	UG/M3	7.5 U	
EPD-WA-22-082223	TO-15	110-54-3	HEXANE	2.5 U		0.59	2.5	UG/M3	2.5 U	
EPD-WA-22-082223	TO-15	75-09-2	METHYLENE CHLORIDE	0.41 J		0.22	0.97	UG/M3	0.41 J	
EPD-WA-22-082223	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.21	0.69	UG/M3	0.69 U	
EPD-WA-22-082223	TO-15	100-42-5	STYRENE	0.6 U		0.16	0.6	UG/M3	0.6 U	
EPD-WA-22-082223	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		2	2.1	UG/M3	2.1 U	
EPD-WA-22-082223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.19	0.64	UG/M3	0.64 U	
EPD-WA-22-082223	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	2.1 NJ				ppbv	2.1 NJ	
EPD-WA-22-082223	TO-15	104-76-7	1-HEXANOL, 2-ETHYL-	0.81 NJ				ppbv	0.81 NJ	
EPD-WA-22-082223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.92 NJ				ppbv	0.92 NJ	
EPD-WA-22-082223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-22-082223	TO-15	109-66-0	PENTANE	0.73 NJ				ppbv	0.73 NJ	
EPD-WA-22-082223	TO-15	NA	UNKNOWN TIC	1.6 J				ppbv	1.6 J	
EPD-WA-22-082223	TO-15	NA	UNKNOWN TIC	0.86 J				ppbv	0.86 J	
EPD-WA-22-082223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-WA-22-082223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.05	0.19	UG/M3	0.19 U	
EPD-WA-22-082223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.017	0.15	UG/M3	0.15 U	
EPD-WA-22-082223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.02	0.11	UG/M3	0.11 U	
EPD-WA-22-082223	TO-15 SIM	75-35-4	1,1-DICHLOROETHANE	0.056 U		0.028	0.056	UG/M3	0.056 U	
EPD-WA-22-082223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.036	0.22	UG/M3	0.22 U	
EPD-WA-22-082223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.008	0.11	UG/M3	0.046 J	
EPD-WA-22-082223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-WA-22-082223	TO-15 SIM	71-43-2	BENZENE	0.7		0.018	0.22	UG/M3	0.70	
EPD-WA-22-082223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.042	0.18	UG/M3	0.43	
EPD-WA-22-082223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.038	0.18	UG/M3	0.18 U	
EPD-WA-22-082223	TO-15 SIM	67-66-3	CHLOROFORM	0.077 J		0.022	0.14	UG/M3	0.077 J	
EPD-WA-22-082223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77 J		0.26	1.4	UG/M3	0.77 J	
EPD-WA-22-082223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-22-082223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.083 J		0.027	0.12	UG/M3	0.083 J	
EPD-WA-22-082223	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.064	0.2	UG/M3	0.094 J	
EPD-WA-22-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.037	0.35	UG/M3	1.9	
EPD-WA-22-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.22 J		0.034	0.24	UG/M3	0.22 J	
EPD-WA-22-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.031	0.5	UG/M3	0.50 U	
EPD-WA-22-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.13 J		0.039	0.37	UG/M3	0.37 U	
EPD-WA-22-082223	TO-15 SIM	95-47-6	O-XYLENE	0.099 J		0.035	0.12	UG/M3	0.099 J	
EPD-WA-22-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.044 J		0.025	0.19	UG/M3	0.044 J	
EPD-WA-22-082223	TO-15 SIM	108-88-3	TOLUENE	0.54		0.038	0.26	UG/M3	0.54	
EPD-WA-22-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56 U	
EPD-WA-22-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.02 J		0.012	0.15	UG/M3	0.020 J	
EPD-WA-22-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	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>	2117b		
<b>Laboratory Report No.</b>	2308512	<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>	08/23/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-06-082323 / EPD-WA-66-082323		
<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) were not provided in the Level II laboratory report. The lab provided the RPDs separately. No qualifications were applied.

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

**Sample preservation, receipt, and holding times:**

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

**Method blanks:**

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2308512-10B): Naphthalene was detected in the method blank at a level between the MDL and RL. The naphthalene results in all samples were at levels between the MDLs and RLs, therefore the sample results were raised to the RL and qualified as nondetect (flagged U).

**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	TO-15 scan (2308512-12A): The percent recovery of acetone was less than the site-specific QAPP acceptance criteria in the LCS. However, the average percent recovery was within the site-specific QAPP acceptance criteria; therefore, no qualifications were applied.

**Sample dilutions:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-D-082323 was 1.45</li> <li>• EPD-UW-H-082323 was 1.39</li> <li>• EPD-WA-01-082323 was 1.66</li> <li>• EPD-WA-02-082323 was 1.55</li> <li>• EPD-WA-03-082323 was 1.45</li> <li>• EPD-WA-04-082323 was 1.51</li> <li>• EPD-WA-05-082323 was 1.42</li> <li>• EPD-WA-06-082323 was 1.55</li> <li>• EPD-WA-66-082323 was 1.51</li> </ul>

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

**Other [Continuing Calibration]:**

Within Criteria	Exceedance/Notes
N	CCV (2308512-11A) had low percent recoveries for acetone and ethanol. The acetone and ethanol results in all samples were qualified as estimated (flagged J).

## 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. 2308512

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-D-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U			2.9	5.4 UG/M3	5.4 U	
EPD-DW-D-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26 J			0.19	0.71 UG/M3	0.26 J	
EPD-DW-D-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U			0.17	0.87 UG/M3	0.87 U	
EPD-DW-D-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U			0.21	0.67 UG/M3	0.67 U	
EPD-DW-D-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U			0.18	0.71 UG/M3	0.71 U	
EPD-DW-D-082323	TO-15	106-99-0	1,3-BUTADIENE	0.32 U			0.14	0.32 UG/M3	0.32 U	
EPD-DW-D-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U			0.19	0.87 UG/M3	0.87 U	
EPD-DW-D-082323	TO-15	123-91-1	1,4-DIOXANE	0.52 U			0.15	0.52 UG/M3	0.52 U	
EPD-DW-D-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U			1	3.4 UG/M3	3.4 U	
EPD-DW-D-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3			0.21	2.1 UG/M3	2.3	
EPD-DW-D-082323	TO-15	591-78-6	2-HEXANONE	3 U			0.67	3 UG/M3	3.0 U	
EPD-DW-D-082323	TO-15	67-63-0	2-PROPANOL	7.1 U			0.54	7.1 UG/M3	7.1 U	
EPD-DW-D-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U			0.62	2.3 UG/M3	2.3 U	
EPD-DW-D-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.2 J			0.2	0.71 UG/M3	0.20 J	
EPD-DW-D-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.38 J			0.12	0.59 UG/M3	0.38 J	
EPD-DW-D-082323	TO-15	67-64-1	ACETONE	3.6 J			1.5	6.9 UG/M3	3.6 J	
EPD-DW-D-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U			0.17	0.75 UG/M3	0.75 U	
EPD-DW-D-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U			0.21	0.97 UG/M3	0.97 U	
EPD-DW-D-082323	TO-15	75-25-2	BROMOFORM	1.5 U			0.27	1.5 UG/M3	1.5 U	
EPD-DW-D-082323	TO-15	74-83-9	BROMOMETHANE	28 U			1.6	28 UG/M3	28 U	
EPD-DW-D-082323	TO-15	75-15-0	CARBON DISULFIDE	2.2 U			2.1	2.2 UG/M3	2.2 U	
EPD-DW-D-082323	TO-15	108-90-7	CHLOROBENZENE	0.67 U			0.19	0.67 UG/M3	0.67 U	
EPD-DW-D-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U			0.12	0.66 UG/M3	0.66 U	
EPD-DW-D-082323	TO-15	98-82-8	CUMENE	0.71 U			0.26	0.71 UG/M3	0.71 U	
EPD-DW-D-082323	TO-15	110-82-7	CYCLOHEXANE	2.5 U			0.49	2.5 UG/M3	2.5 U	
EPD-DW-D-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U			0.2	1.2 UG/M3	1.2 U	
EPD-DW-D-082323	TO-15	64-17-5	ETHANOL	2.6 J			0.58	5.5 UG/M3	2.6 J	
EPD-DW-D-082323	TO-15	75-69-4	FREON 11	0.94			0.13	0.81 UG/M3	0.94	
EPD-DW-D-082323	TO-15	76-13-1	FREON 113	0.4 J			0.21	1.1 UG/M3	0.40 J	
EPD-DW-D-082323	TO-15	142-82-5	HEPTANE	3 U			0.46	3 UG/M3	3.0 U	
EPD-DW-D-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U			1.8	7.7 UG/M3	7.7 U	
EPD-DW-D-082323	TO-15	110-54-3	HEXANE	2.6 U			0.62	2.6 UG/M3	2.6 U	
EPD-DW-D-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.37 J			0.22	1 UG/M3	0.37 J	
EPD-DW-D-082323	TO-15	103-65-1	PROPYLBENZENE	0.71 U			0.21	0.71 UG/M3	0.71 U	
EPD-DW-D-082323	TO-15	100-42-5	STYRENE	0.62 U			0.17	0.62 UG/M3	0.62 U	
EPD-DW-D-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U			2	2.1 UG/M3	2.1 U	
EPD-DW-D-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U			0.19	0.66 UG/M3	0.66 U	
EPD-DW-D-082323	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	1.2 NJ				PPBV	1.2 NJ	
EPD-DW-D-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-D-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-DW-D-082323	TO-15	NA	UNKNOWN TIC	1.2 NJ				PPBV	1.2 J	
EPD-DW-D-082323	TO-15	NA	UNKNOWN TIC	1.9 NJ				PPBV	1.9 J	
EPD-DW-D-082323	TO-15	NA	UNKNOWN TIC	0.74 NJ				PPBV	0.74 J	
EPD-DW-D-082323	TO-15	NA	UNKNOWN TIC	0.89 NJ				PPBV	0.89 J	
EPD-DW-D-082323	TO-15	NA	UNKNOWN TIC	0.8 NJ				PPBV	0.80 J	
EPD-DW-D-082323	TO-15	NA	UNKNOWN TIC	1.6 J				PPBV	1.6 J	
EPD-DW-D-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U			0.031	0.16 UG/M3	0.16 U	
EPD-DW-D-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U			0.052	0.2 UG/M3	0.20 U	
EPD-DW-D-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U			0.018	0.16 UG/M3	0.16 U	
EPD-DW-D-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U			0.021	0.12 UG/M3	0.12 U	
EPD-DW-D-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U			0.029	0.057 UG/M3	0.057 U	
EPD-DW-D-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U			0.037	0.22 UG/M3	0.22 U	
EPD-DW-D-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J			0.0083	0.12 UG/M3	0.043 J	
EPD-DW-D-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U			0.062	0.17 UG/M3	0.17 U	
EPD-DW-D-082323	TO-15 SIM	71-43-2	BENZENE	0.99			0.018	0.23 UG/M3	0.99	
EPD-DW-D-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38			0.044	0.18 UG/M3	0.38	
EPD-DW-D-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U			0.039	0.19 UG/M3	0.19 U	
EPD-DW-D-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.087 J			0.023	0.14 UG/M3	0.087 J	
EPD-DW-D-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.69 J			0.26	1.5 UG/M3	0.69 J	
EPD-DW-D-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U			0.027	0.11 UG/M3	0.11 U	
EPD-DW-D-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.34			0.028	0.12 UG/M3	0.34	
EPD-DW-D-082323	TO-15 SIM	76-14-2	FREON 114	0.094 J			0.066	0.2 UG/M3	0.094 J	
EPD-DW-D-082323	TO-15 SIM	75-71-8	FREON 12	1.7			0.038	0.36 UG/M3	1.7	
EPD-DW-D-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.88			0.036	0.25 UG/M3	0.88	
EPD-DW-D-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U			0.032	0.52 UG/M3	0.52 U	
EPD-DW-D-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.12 J			0.04	0.38 UG/M3	0.38 U	
EPD-DW-D-082323	TO-15 SIM	95-47-6	O-XYLENE	0.33			0.037	0.12 UG/M3	0.33	
EPD-DW-D-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.075 J			0.026	0.2 UG/M3	0.075 J	
EPD-DW-D-082323	TO-15 SIM	108-88-3	TOLUENE	1.6			0.039	0.27 UG/M3	1.6	
EPD-DW-D-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U			0.028	0.57 UG/M3	0.57 U	
EPD-DW-D-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.016 J			0.013	0.16 UG/M3	0.016 J	
EPD-DW-D-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U			0.015	0.037 UG/M3	0.037 U	
EPD-UW-H-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U			2.8	5.2 UG/M3	5.2 U	
EPD-UW-H-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68 U			0.18	0.68 UG/M3	0.68 U	
EPD-UW-H-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U			0.17	0.84 UG/M3	0.84 U	
EPD-UW-H-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U			0.2	0.64 UG/M3	0.64 U	
EPD-UW-H-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U			0.17	0.68 UG/M3	0.68 U	
EPD-UW-H-082323	TO-15	106-99-0	1,3-BUTADIENE	0.31 U			0.13	0.31 UG/M3	0.31 U	
EPD-UW-H-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U			0.18	0.84 UG/M3	0.84 U	
EPD-UW-H-082323	TO-15	123-91-1	1,4-DIOXANE	0.5 U			0.15	0.5 UG/M3	0.50 U	
EPD-UW-H-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U			0.96	3.2 UG/M3	3.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308512

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-H-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.81	J		0.2	2 UG/M3	0.81	J
EPD-UW-H-082323	TO-15	591-78-6	2-HEXANONE	2.8	U		0.64	2.8 UG/M3	2.8	U
EPD-UW-H-082323	TO-15	67-63-0	2-PROPANOL	0.63	J		0.52	6.8 UG/M3	0.63	J
EPD-UW-H-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U		0.6	2.2 UG/M3	2.2	U
EPD-UW-H-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.68	U		0.19	0.68 UG/M3	0.68	U
EPD-UW-H-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.14	J		0.11	0.57 UG/M3	0.14	J
EPD-UW-H-082323	TO-15	67-64-1	ACETONE	17	JO		1.5	6.6 UG/M3	17	J
EPD-UW-H-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U		0.16	0.72 UG/M3	0.72	U
EPD-UW-H-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93	U		0.2	0.93 UG/M3	0.93	U
EPD-UW-H-082323	TO-15	75-25-2	BROMOFORM	1.4	U		0.26	1.4 UG/M3	1.4	U
EPD-UW-H-082323	TO-15	74-83-9	BROMOMETHANE	27	U		1.6	27 UG/M3	27	U
EPD-UW-H-082323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U		2	2.2 UG/M3	2.2	U
EPD-UW-H-082323	TO-15	108-90-7	CHLOROBENZENE	0.64	U		0.18	0.64 UG/M3	0.64	U
EPD-UW-H-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U		0.11	0.63 UG/M3	0.63	U
EPD-UW-H-082323	TO-15	98-82-8	CUMENE	0.68	U		0.25	0.68 UG/M3	0.68	U
EPD-UW-H-082323	TO-15	110-82-7	CYCLOHEXANE	2.4	U		0.47	2.4 UG/M3	2.4	U
EPD-UW-H-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U		0.19	1.2 UG/M3	1.2	U
EPD-UW-H-082323	TO-15	64-17-5	ETHANOL	1.6	J		0.55	5.2 UG/M3	1.6	J
EPD-UW-H-082323	TO-15	75-69-4	FREON 11	1			0.12	0.78 UG/M3	1.0	
EPD-UW-H-082323	TO-15	76-13-1	FREON 113	0.33	J		0.2	1.1 UG/M3	0.33	J
EPD-UW-H-082323	TO-15	142-82-5	HEPTANE	2.8	U		0.44	2.8 UG/M3	2.8	U
EPD-UW-H-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U		1.7	7.4 UG/M3	7.4	U
EPD-UW-H-082323	TO-15	110-54-3	HEXANE	2.4	U		0.59	2.4 UG/M3	2.4	U
EPD-UW-H-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J		0.22	0.96 UG/M3	0.42	J
EPD-UW-H-082323	TO-15	103-65-1	PROPYLENBENZENE	0.68	U		0.2	0.68 UG/M3	0.68	U
EPD-UW-H-082323	TO-15	100-42-5	STYRENE	0.59	U		0.16	0.59 UG/M3	0.59	U
EPD-UW-H-082323	TO-15	109-99-9	TETRAHYDROFURAN	2	U		1.9	2 UG/M3	2.0	U
EPD-UW-H-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U		0.19	0.63 UG/M3	0.63	U
EPD-UW-H-082323	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	0.82	NJ			PPBV	0.82	NJ
EPD-UW-H-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-H-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	1.3	NJ			PPBV	1.3	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	1.7	NJ			PPBV	1.7	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	0.9	NJ			PPBV	0.90	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	1.2	NJ			PPBV	1.2	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	1.2	NJ			PPBV	1.2	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	0.76	NJ			PPBV	0.76	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	4.4	J			PPBV	4.4	J
EPD-UW-H-082323	TO-15	NA	UNKNOWN TIC	1.8	J			PPBV	1.8	J
EPD-UW-H-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U		0.03	0.15 UG/M3	0.15	U
EPD-UW-H-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U		0.05	0.19 UG/M3	0.19	U
EPD-UW-H-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U		0.017	0.15 UG/M3	0.15	U
EPD-UW-H-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U		0.02	0.11 UG/M3	0.11	U
EPD-UW-H-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U		0.028	0.055 UG/M3	0.055	U
EPD-UW-H-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U		0.035	0.21 UG/M3	0.21	U
EPD-UW-H-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044	J		0.0079	0.11 UG/M3	0.044	J
EPD-UW-H-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U		0.06	0.17 UG/M3	0.17	U
EPD-UW-H-082323	TO-15 SIM	71-43-2	BENZENE	0.8			0.018	0.22 UG/M3	0.80	
EPD-UW-H-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4			0.042	0.17 UG/M3	0.40	
EPD-UW-H-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U		0.037	0.18 UG/M3	0.18	U
EPD-UW-H-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.098	J		0.022	0.14 UG/M3	0.098	J
EPD-UW-H-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J		0.25	1.4 UG/M3	0.68	J
EPD-UW-H-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U		0.026	0.11 UG/M3	0.11	U
EPD-UW-H-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13			0.026	0.12 UG/M3	0.13	
EPD-UW-H-082323	TO-15 SIM	76-14-2	FREON 114	0.091	J		0.063	0.19 UG/M3	0.091	J
EPD-UW-H-082323	TO-15 SIM	75-71-8	FREON 12	1.8			0.036	0.34 UG/M3	1.8	
EPD-UW-H-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.42			0.034	0.24 UG/M3	0.42	
EPD-UW-H-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U		0.03	0.5 UG/M3	0.50	U
EPD-UW-H-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.12	J		0.038	0.36 UG/M3	0.36	U
EPD-UW-H-082323	TO-15 SIM	95-47-6	O-XYLENE	0.16			0.035	0.12 UG/M3	0.16	
EPD-UW-H-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.06	J		0.025	0.19 UG/M3	0.060	J
EPD-UW-H-082323	TO-15 SIM	108-88-3	TOLUENE	0.83			0.037	0.26 UG/M3	0.83	
EPD-UW-H-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.3	J		0.026	0.55 UG/M3	0.30	J
EPD-UW-H-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019	J		0.012	0.15 UG/M3	0.019	J
EPD-UW-H-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U		0.014	0.036 UG/M3	0.036	U
EPD-WA-01-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.2	U		3.3	6.2 UG/M3	6.2	U
EPD-WA-01-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.82	U		0.22	0.82 UG/M3	0.82	U
EPD-WA-01-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	1	U		0.2	1 UG/M3	1.0	U
EPD-WA-01-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.77	U		0.24	0.77 UG/M3	0.77	U
EPD-WA-01-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.82	U		0.2	0.82 UG/M3	0.82	U
EPD-WA-01-082323	TO-15	106-99-0	1,3-BUTADIENE	0.37	U		0.15	0.37 UG/M3	0.37	U
EPD-WA-01-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	1	U		0.22	1 UG/M3	1.0	U
EPD-WA-01-082323	TO-15	123-91-1	1,4-DIOXANE	0.6	U		0.17	0.6 UG/M3	0.60	U
EPD-WA-01-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.9	U		1.2	3.9 UG/M3	3.9	U
EPD-WA-01-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1	J		0.24	2.4 UG/M3	1.0	J
EPD-WA-01-082323	TO-15	591-78-6	2-HEXANONE	3.4	U		0.76	3.4 UG/M3	3.4	U
EPD-WA-01-082323	TO-15	67-63-0	2-PROPANOL	8.2	U		0.62	8.2 UG/M3	8.2	U
EPD-WA-01-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.6	U		0.72	2.6 UG/M3	2.6	U
EPD-WA-01-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.82	U		0.23	0.82 UG/M3	0.82	U
EPD-WA-01-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.16	J		0.13	0.68 UG/M3	0.16	J
EPD-WA-01-082323	TO-15	67-64-1	ACETONE	5.5	J		1.8	7.9 UG/M3	5.5	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.86 U			0.2	0.86 UG/M3	0.86 U	
EPD-WA-01-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U			0.24	1.1 UG/M3	1.1 U	
EPD-WA-01-082323	TO-15	75-25-2	BROMOFORM	1.7 U			0.31	1.7 UG/M3	1.7 U	
EPD-WA-01-082323	TO-15	74-83-9	BROMOMETHANE	32 U			1.8	32 UG/M3	32 U	
EPD-WA-01-082323	TO-15	75-15-0	CARBON DISULFIDE	2.6 U			2.4	2.6 UG/M3	2.6 U	
EPD-WA-01-082323	TO-15	108-90-7	CHLOROBENZENE	0.76 U			0.21	0.76 UG/M3	0.76 U	
EPD-WA-01-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.75 U			0.13	0.75 UG/M3	0.75 U	
EPD-WA-01-082323	TO-15	98-82-8	CUMENE	0.82 U			0.3	0.82 UG/M3	0.82 U	
EPD-WA-01-082323	TO-15	110-82-7	CYCLOHEXANE	2.8 U			0.56	2.8 UG/M3	2.8 U	
EPD-WA-01-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U			0.23	1.4 UG/M3	1.4 U	
EPD-WA-01-082323	TO-15	64-17-5	ETHANOL	4.3 J			0.66	6.2 UG/M3	4.3 J	
EPD-WA-01-082323	TO-15	75-69-4	FREON 11	0.96			0.15	0.93 UG/M3	0.96	
EPD-WA-01-082323	TO-15	76-13-1	FREON 113	0.45 J			0.24	1.3 UG/M3	0.45 J	
EPD-WA-01-082323	TO-15	142-82-5	HEPTANE	3.4 U			0.52	3.4 UG/M3	3.4 U	
EPD-WA-01-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.8 U			2	8.8 UG/M3	8.8 U	
EPD-WA-01-082323	TO-15	110-54-3	HEXANE	2.9 U			0.7	2.9 UG/M3	2.9 U	
EPD-WA-01-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.33 J			0.26	1.2 UG/M3	0.33 J	
EPD-WA-01-082323	TO-15	103-65-1	PROPYLBENZENE	0.82 U			0.24	0.82 UG/M3	0.82 U	
EPD-WA-01-082323	TO-15	100-42-5	STYRENE	0.71 U			0.19	0.71 UG/M3	0.71 U	
EPD-WA-01-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.4 U			2.3	2.4 UG/M3	2.4 U	
EPD-WA-01-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.75 U			0.22	0.75 UG/M3	0.75 U	
EPD-WA-01-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-082323	TO-15	NA	UNKNOWN TIC	1.1 NJ				PPBV	1.1 J	
EPD-WA-01-082323	TO-15	NA	UNKNOWN TIC	1.7 NJ				PPBV	1.7 J	
EPD-WA-01-082323	TO-15	NA	UNKNOWN TIC	2.6 NJ				PPBV	2.6 J	
EPD-WA-01-082323	TO-15	NA	UNKNOWN TIC	0.85 NJ				PPBV	0.85 J	
EPD-WA-01-082323	TO-15	NA	UNKNOWN TIC	1.6 J				PPBV	1.6 J	
EPD-WA-01-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.18 U			0.035	0.18 UG/M3	0.18 U	
EPD-WA-01-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.23 U			0.059	0.23 UG/M3	0.23 U	
EPD-WA-01-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.18 U			0.021	0.18 UG/M3	0.18 U	
EPD-WA-01-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13 U			0.024	0.13 UG/M3	0.13 U	
EPD-WA-01-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.066 U			0.033	0.066 UG/M3	0.066 U	
EPD-WA-01-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26 U			0.042	0.26 UG/M3	0.26 U	
EPD-WA-01-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.039 J			0.0095	0.13 UG/M3	0.039 J	
EPD-WA-01-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2 U			0.072	0.2 UG/M3	0.20 U	
EPD-WA-01-082323	TO-15 SIM	71-43-2	BENZENE	0.75			0.021	0.26 UG/M3	0.75	
EPD-WA-01-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37			0.05	0.21 UG/M3	0.37	
EPD-WA-01-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.22 U			0.044	0.22 UG/M3	0.22 U	
EPD-WA-01-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.093 J			0.027	0.16 UG/M3	0.093 J	
EPD-WA-01-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64 J			0.3	1.7 UG/M3	0.64 J	
EPD-WA-01-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13 U			0.031	0.13 UG/M3	0.13 U	
EPD-WA-01-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.21			0.032	0.14 UG/M3	0.21	
EPD-WA-01-082323	TO-15 SIM	76-14-2	FREON 114	0.092 J			0.075	0.23 UG/M3	0.092 J	
EPD-WA-01-082323	TO-15 SIM	75-71-8	FREON 12	1.7			0.043	0.41 UG/M3	1.7	
EPD-WA-01-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.68			0.041	0.29 UG/M3	0.68	
EPD-WA-01-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.6 U			0.036	0.6 UG/M3	0.60 U	
EPD-WA-01-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.09 J			0.046	0.44 UG/M3	0.44 U	
EPD-WA-01-082323	TO-15 SIM	95-47-6	O-XYLENE	0.27			0.042	0.14 UG/M3	0.27	
EPD-WA-01-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.086 J			0.03	0.22 UG/M3	0.086 J	
EPD-WA-01-082323	TO-15 SIM	108-88-3	TOLUENE	1.2			0.044	0.31 UG/M3	1.2	
EPD-WA-01-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.66 U			0.032	0.66 UG/M3	0.66 U	
EPD-WA-01-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018 J			0.014	0.18 UG/M3	0.018 J	
EPD-WA-01-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.042 U			0.017	0.042 UG/M3	0.042 U	
EPD-WA-02-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U			3.1	5.8 UG/M3	5.8 U	
EPD-WA-02-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76 U			0.2	0.76 UG/M3	0.76 U	
EPD-WA-02-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93 U			0.18	0.93 UG/M3	0.93 U	
EPD-WA-02-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U			0.23	0.72 UG/M3	0.72 U	
EPD-WA-02-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U			0.19	0.76 UG/M3	0.76 U	
EPD-WA-02-082323	TO-15	106-99-0	1,3-BUTADIENE	0.34 U			0.14	0.34 UG/M3	0.34 U	
EPD-WA-02-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93 U			0.2	0.93 UG/M3	0.93 U	
EPD-WA-02-082323	TO-15	123-91-1	1,4-DIOXANE	0.56 U			0.16	0.56 UG/M3	0.56 U	
EPD-WA-02-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U			1.1	3.6 UG/M3	3.6 U	
EPD-WA-02-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2 J			0.23	2.3 UG/M3	2.0 J	
EPD-WA-02-082323	TO-15	591-78-6	2-HEXANONE	3.2 U			0.71	3.2 UG/M3	3.2 U	
EPD-WA-02-082323	TO-15	67-63-0	2-PROPANOL	7.6 U			0.58	7.6 UG/M3	7.6 U	
EPD-WA-02-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U			0.67	2.4 UG/M3	2.4 U	
EPD-WA-02-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U			0.21	0.76 UG/M3	0.76 U	
EPD-WA-02-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.34 J			0.12	0.63 UG/M3	0.34 J	
EPD-WA-02-082323	TO-15	67-64-1	ACETONE	4.1 J			1.6	7.4 UG/M3	4.1 J	
EPD-WA-02-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U			0.18	0.8 UG/M3	0.80 U	
EPD-WA-02-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U			0.22	1 UG/M3	1.0 U	
EPD-WA-02-082323	TO-15	75-25-2	BROMOFORM	1.6 U			0.29	1.6 UG/M3	1.6 U	
EPD-WA-02-082323	TO-15	74-83-9	BROMOMETHANE	30 U			1.7	30 UG/M3	30 U	
EPD-WA-02-082323	TO-15	75-15-0	CARBON DISULFIDE	2.4 U			2.3	2.4 UG/M3	2.4 U	
EPD-WA-02-082323	TO-15	108-90-7	CHLOROBENZENE	0.71 U			0.2	0.71 UG/M3	0.71 U	
EPD-WA-02-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U			0.12	0.7 UG/M3	0.70 U	
EPD-WA-02-082323	TO-15	98-82-8	CUMENE	0.76 U			0.28	0.76 UG/M3	0.76 U	
EPD-WA-02-082323	TO-15	110-82-7	CYCLOHEXANE	2.7 U			0.52	2.7 UG/M3	2.7 U	
EPD-WA-02-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U			0.21	1.3 UG/M3	1.3 U	
EPD-WA-02-082323	TO-15	64-17-5	ETHANOL	2.1 J			0.62	5.8 UG/M3	2.1 J	



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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-082323	TO-15	75-69-4	FREON 11	0.96		0.14	0.87	UG/M3	0.96	
EPD-WA-02-082323	TO-15	76-13-1	FREON 113	0.39	J	0.23	1.2	UG/M3	0.39	J
EPD-WA-02-082323	TO-15	142-82-5	HEPTANE	3.2	U	0.49	3.2	UG/M3	3.2	U
EPD-WA-02-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3	U	1.9	8.3	UG/M3	8.3	U
EPD-WA-02-082323	TO-15	110-54-3	HEXANE	2.7	U	0.66	2.7	UG/M3	2.7	U
EPD-WA-02-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.24	1.1	UG/M3	0.45	J
EPD-WA-02-082323	TO-15	103-65-1	PROPYLBENZENE	0.76	U	0.23	0.76	UG/M3	0.76	U
EPD-WA-02-082323	TO-15	100-42-5	STYRENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-02-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	2.2	2.3	UG/M3	2.3	U
EPD-WA-02-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	0.21	0.7	UG/M3	0.70	U
EPD-WA-02-082323	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	1	NJ			PPBV	1.0	NJ
EPD-WA-02-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-082323	TO-15	78-78-4	BUTANE, 2-METHYL-	1.3	NJ			PPBV	1.3	NJ
EPD-WA-02-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-082323	TO-15	NA	UNKNOWN TIC	1.1	J			PPBV	1.1	J
EPD-WA-02-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.033	0.17	UG/M3	0.17	U
EPD-WA-02-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.055	0.21	UG/M3	0.21	U
EPD-WA-02-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.019	0.17	UG/M3	0.17	U
EPD-WA-02-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3	0.12	U
EPD-WA-02-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.031	0.061	UG/M3	0.061	U
EPD-WA-02-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.039	0.24	UG/M3	0.24	U
EPD-WA-02-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041	J	0.0088	0.12	UG/M3	0.041	J
EPD-WA-02-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.067	0.19	UG/M3	0.19	U
EPD-WA-02-082323	TO-15 SIM	71-43-2	BENZENE	0.74		0.02	0.25	UG/M3	0.74	
EPD-WA-02-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.047	0.2	UG/M3	0.38	
EPD-WA-02-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.042	0.2	UG/M3	0.20	U
EPD-WA-02-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.086	J	0.025	0.15	UG/M3	0.086	J
EPD-WA-02-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J	0.28	1.6	UG/M3	0.68	J
EPD-WA-02-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.029	0.12	UG/M3	0.12	U
EPD-WA-02-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.18		0.029	0.13	UG/M3	0.18	
EPD-WA-02-082323	TO-15 SIM	76-14-2	FREON 114	0.083	J	0.07	0.22	UG/M3	0.083	J
EPD-WA-02-082323	TO-15 SIM	75-71-8	FREON 12	1.8		0.04	0.38	UG/M3	1.8	
EPD-WA-02-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.58		0.038	0.27	UG/M3	0.58	
EPD-WA-02-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.034	0.56	UG/M3	0.56	U
EPD-WA-02-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.091	J	0.043	0.41	UG/M3	0.41	J
EPD-WA-02-082323	TO-15 SIM	95-47-6	O-XYLENE	0.22		0.039	0.13	UG/M3	0.22	
EPD-WA-02-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.098	J	0.028	0.21	UG/M3	0.098	J
EPD-WA-02-082323	TO-15 SIM	108-88-3	TOLUENE	0.88		0.042	0.29	UG/M3	0.88	
EPD-WA-02-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.03	0.61	UG/M3	0.61	U
EPD-WA-02-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019	J	0.014	0.17	UG/M3	0.019	J
EPD-WA-02-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.016	0.04	UG/M3	0.040	U
EPD-WA-03-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	2.9	5.4	UG/M3	5.4	U
EPD-WA-03-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-03-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87	U	0.17	0.87	UG/M3	0.87	U
EPD-WA-03-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.21	0.67	UG/M3	0.67	U
EPD-WA-03-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.18	0.71	UG/M3	0.71	U
EPD-WA-03-082323	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.14	0.32	UG/M3	0.32	U
EPD-WA-03-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87	U	0.19	0.87	UG/M3	0.87	U
EPD-WA-03-082323	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.15	0.52	UG/M3	0.52	U
EPD-WA-03-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	1	3.4	UG/M3	3.4	U
EPD-WA-03-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.94	J	0.21	2.1	UG/M3	0.94	J
EPD-WA-03-082323	TO-15	591-78-6	2-HEXANONE	3	U	0.67	3	UG/M3	3.0	U
EPD-WA-03-082323	TO-15	67-63-0	2-PROPANOL	7.1	U	0.54	7.1	UG/M3	7.1	U
EPD-WA-03-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.62	2.3	UG/M3	2.3	U
EPD-WA-03-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.71	U	0.2	0.71	UG/M3	0.71	U
EPD-WA-03-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.29	J	0.12	0.59	UG/M3	0.29	J
EPD-WA-03-082323	TO-15	67-64-1	ACETONE	4.1	J	1.5	6.9	UG/M3	4.1	J
EPD-WA-03-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75	U	0.17	0.75	UG/M3	0.75	U
EPD-WA-03-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97	U	0.21	0.97	UG/M3	0.97	U
EPD-WA-03-082323	TO-15	75-25-2	BROMOFORM	1.5	U	0.27	1.5	UG/M3	1.5	U
EPD-WA-03-082323	TO-15	74-83-9	BROMOMETHANE	28	U	1.6	28	UG/M3	28	U
EPD-WA-03-082323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-WA-03-082323	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-03-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.12	0.66	UG/M3	0.66	U
EPD-WA-03-082323	TO-15	98-82-8	CUMENE	0.71	U	0.26	0.71	UG/M3	0.71	U
EPD-WA-03-082323	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.49	2.5	UG/M3	2.5	U
EPD-WA-03-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3	1.2	U
EPD-WA-03-082323	TO-15	64-17-5	ETHANOL	1.3	J	0.58	5.5	UG/M3	1.3	J
EPD-WA-03-082323	TO-15	75-69-4	FREON 11	0.96		0.13	0.81	UG/M3	0.96	
EPD-WA-03-082323	TO-15	76-13-1	FREON 113	0.38	J	0.21	1.1	UG/M3	0.38	J
EPD-WA-03-082323	TO-15	142-82-5	HEPTANE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-03-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	1.8	7.7	UG/M3	7.7	U
EPD-WA-03-082323	TO-15	110-54-3	HEXANE	2.6	U	0.62	2.6	UG/M3	2.6	U
EPD-WA-03-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.34	J	0.22	1	UG/M3	0.34	J
EPD-WA-03-082323	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.21	0.71	UG/M3	0.71	U
EPD-WA-03-082323	TO-15	100-42-5	STYRENE	0.62	U	0.17	0.62	UG/M3	0.62	U
EPD-WA-03-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3	2.1	U
EPD-WA-03-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.19	0.66	UG/M3	0.66	U
EPD-WA-03-082323	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	1.1	NJ			PPBV	1.1	NJ
EPD-WA-03-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-082323	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  
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-082323	TO-15	NA	UNKNOWN TIC	1.3	NJ			PPBV		1.3 J
EPD-WA-03-082323	TO-15	NA	UNKNOWN TIC	0.89	J			PPBV		0.89 J
EPD-WA-03-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.031	0.16	UG/M3		0.16 U
EPD-WA-03-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.052	0.2	UG/M3		0.20 U
EPD-WA-03-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.018	0.16	UG/M3		0.16 U
EPD-WA-03-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.021	0.12	UG/M3		0.12 U
EPD-WA-03-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.029	0.057	UG/M3		0.057 U
EPD-WA-03-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.037	0.22	UG/M3		0.22 U
EPD-WA-03-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045	J	0.0083	0.12	UG/M3		0.045 J
EPD-WA-03-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.062	0.17	UG/M3		0.17 U
EPD-WA-03-082323	TO-15 SIM	71-43-2	BENZENE	0.62		0.018	0.23	UG/M3		0.62
EPD-WA-03-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.044	0.18	UG/M3		0.40
EPD-WA-03-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.039	0.19	UG/M3		0.19 U
EPD-WA-03-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.087	J	0.023	0.14	UG/M3		0.087 J
EPD-WA-03-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.69	J	0.26	1.5	UG/M3		0.69 J
EPD-WA-03-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.027	0.11	UG/M3		0.11 U
EPD-WA-03-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13		0.028	0.12	UG/M3		0.13
EPD-WA-03-082323	TO-15 SIM	76-14-2	FREON 114	0.086	J	0.066	0.2	UG/M3		0.086 J
EPD-WA-03-082323	TO-15 SIM	75-71-8	FREON 12	1.8		0.038	0.36	UG/M3		1.8
EPD-WA-03-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.4		0.036	0.25	UG/M3		0.40
EPD-WA-03-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.032	0.52	UG/M3		0.52 U
EPD-WA-03-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.11	J	0.04	0.38	UG/M3		0.38 U
EPD-WA-03-082323	TO-15 SIM	95-47-6	O-XYLENE	0.16		0.037	0.12	UG/M3		0.16
EPD-WA-03-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.066	J	0.026	0.2	UG/M3		0.066 J
EPD-WA-03-082323	TO-15 SIM	108-88-3	TOLUENE	0.74		0.039	0.27	UG/M3		0.74
EPD-WA-03-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.028	0.57	UG/M3		0.57 U
EPD-WA-03-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.02	J	0.013	0.16	UG/M3		0.020 J
EPD-WA-03-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.015	0.037	UG/M3		0.037 U
EPD-WA-04-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	3	5.6	UG/M3		5.6 U
EPD-WA-04-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74	U	0.2	0.74	UG/M3		0.74 U
EPD-WA-04-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.18	0.91	UG/M3		0.91 U
EPD-WA-04-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.22	0.7	UG/M3		0.70 U
EPD-WA-04-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.18	0.74	UG/M3		0.74 U
EPD-WA-04-082323	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.14	0.33	UG/M3		0.33 U
EPD-WA-04-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.2	0.91	UG/M3		0.91 U
EPD-WA-04-082323	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.16	0.54	UG/M3		0.54 U
EPD-WA-04-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	1	3.5	UG/M3		3.5 U
EPD-WA-04-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.75	J	0.22	2.2	UG/M3		0.75 J
EPD-WA-04-082323	TO-15	591-78-6	2-HEXANONE	3.1	U	0.7	3.1	UG/M3		3.1 U
EPD-WA-04-082323	TO-15	67-63-0	2-PROPANOL	7.4	U	0.57	7.4	UG/M3		7.4 U
EPD-WA-04-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.65	2.4	UG/M3		2.4 U
EPD-WA-04-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.74	U	0.21	0.74	UG/M3		0.74 U
EPD-WA-04-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.13	J	0.12	0.62	UG/M3		0.13 J
EPD-WA-04-082323	TO-15	67-64-1	ACETONE	4.6	J	1.6	7.2	UG/M3		4.6 J
EPD-WA-04-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.18	0.78	UG/M3		0.78 U
EPD-WA-04-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.22	1	UG/M3		1.0 U
EPD-WA-04-082323	TO-15	75-25-2	BROMOFORM	1.6	U	0.28	1.6	UG/M3		1.6 U
EPD-WA-04-082323	TO-15	74-83-9	BROMOMETHANE	29	U	1.7	29	UG/M3		29 U
EPD-WA-04-082323	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	2.2	2.4	UG/M3		2.4 U
EPD-WA-04-082323	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.2	0.7	UG/M3		0.70 U
EPD-WA-04-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.12	0.68	UG/M3		0.68 U
EPD-WA-04-082323	TO-15	98-82-8	CUMENE	0.74	U	0.27	0.74	UG/M3		0.74 U
EPD-WA-04-082323	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.51	2.6	UG/M3		2.6 U
EPD-WA-04-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3		1.3 U
EPD-WA-04-082323	TO-15	64-17-5	ETHANOL	0.95	J	0.6	5.7	UG/M3		0.95 J
EPD-WA-04-082323	TO-15	75-69-4	FREON 11	0.89		0.13	0.85	UG/M3		0.89
EPD-WA-04-082323	TO-15	76-13-1	FREON 113	0.32	J	0.22	1.2	UG/M3		0.32 J
EPD-WA-04-082323	TO-15	142-82-5	HEPTANE	3.1	U	0.48	3.1	UG/M3		3.1 U
EPD-WA-04-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	1.9	8	UG/M3		8.0 U
EPD-WA-04-082323	TO-15	110-54-3	HEXANE	2.7	U	0.64	2.7	UG/M3		2.7 U
EPD-WA-04-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.44	J	0.23	1	UG/M3		0.44 J
EPD-WA-04-082323	TO-15	103-65-1	PROPYLENBENZENE	0.74	U	0.22	0.74	UG/M3		0.74 U
EPD-WA-04-082323	TO-15	100-42-5	STYRENE	0.64	U	0.18	0.64	UG/M3		0.64 U
EPD-WA-04-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	2.1	2.2	UG/M3		2.2 U
EPD-WA-04-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.2	0.68	UG/M3		0.68 U
EPD-WA-04-082323	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	0.94	NJ			PPBV		0.94 NJ
EPD-WA-04-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV		0 U,NF
EPD-WA-04-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV		0 U,NF
EPD-WA-04-082323	TO-15	NA	UNKNOWN TIC	1.3	NJ			PPBV		1.3 J
EPD-WA-04-082323	TO-15	NA	UNKNOWN TIC	0.89	NJ			PPBV		0.89 J
EPD-WA-04-082323	TO-15	NA	UNKNOWN TIC	1.8	J			PPBV		1.8 J
EPD-WA-04-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.032	0.16	UG/M3		0.16 U
EPD-WA-04-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.054	0.21	UG/M3		0.21 U
EPD-WA-04-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.019	0.16	UG/M3		0.16 U
EPD-WA-04-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3		0.12 U
EPD-WA-04-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.03	0.06	UG/M3		0.060 U
EPD-WA-04-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.038	0.23	UG/M3		0.23 U
EPD-WA-04-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04	J	0.0086	0.12	UG/M3		0.040 J
EPD-WA-04-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.065	0.18	UG/M3		0.18 U
EPD-WA-04-082323	TO-15 SIM	71-43-2	BENZENE	0.57		0.019	0.24	UG/M3		0.57
EPD-WA-04-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.046	0.19	UG/M3		0.37

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.04	0.2	UG/M3	0.20	U
EPD-WA-04-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.024	0.15	UG/M3	0.078	J
EPD-WA-04-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.65	J	0.28	1.6	UG/M3	0.65	J
EPD-WA-04-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.028	0.12	UG/M3	0.12	U
EPD-WA-04-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.029	0.13	UG/M3	0.11	J
EPD-WA-04-082323	TO-15 SIM	76-14-2	FREON 114	0.089	J	0.068	0.21	UG/M3	0.089	J
EPD-WA-04-082323	TO-15 SIM	75-71-8	FREON 12	1.7	U	0.04	0.37	UG/M3	1.7	U
EPD-WA-04-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.29	U	0.037	0.26	UG/M3	0.29	U
EPD-WA-04-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.033	0.54	UG/M3	0.54	U
EPD-WA-04-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.072	J	0.042	0.4	UG/M3	0.40	U
EPD-WA-04-082323	TO-15 SIM	95-47-6	O-XYLENE	0.12	J	0.038	0.13	UG/M3	0.12	J
EPD-WA-04-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.11	J	0.027	0.2	UG/M3	0.11	J
EPD-WA-04-082323	TO-15 SIM	108-88-3	TOLUENE	1.2	U	0.04	0.28	UG/M3	1.2	U
EPD-WA-04-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.063	J	0.029	0.6	UG/M3	0.063	J
EPD-WA-04-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.018	J	0.013	0.16	UG/M3	0.018	J
EPD-WA-04-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.016	0.038	UG/M3	0.038	U
EPD-WA-05-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	2.8	5.3	UG/M3	5.3	U
EPD-WA-05-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.24	J	0.19	0.7	UG/M3	0.24	J
EPD-WA-05-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.17	0.85	UG/M3	0.85	U
EPD-WA-05-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.21	0.66	UG/M3	0.66	U
EPD-WA-05-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.17	0.7	UG/M3	0.70	U
EPD-WA-05-082323	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-05-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.19	0.85	UG/M3	0.85	U
EPD-WA-05-082323	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3	0.51	U
EPD-WA-05-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.99	3.3	UG/M3	3.3	U
EPD-WA-05-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.5	J	0.21	2.1	UG/M3	0.50	J
EPD-WA-05-082323	TO-15	591-78-6	2-HEXANONE	2.9	U	0.65	2.9	UG/M3	2.9	U
EPD-WA-05-082323	TO-15	67-63-0	2-PROPANOL	7	U	0.53	7	UG/M3	7.0	U
EPD-WA-05-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.61	2.2	UG/M3	2.2	U
EPD-WA-05-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-05-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.12	0.58	UG/M3	0.58	U
EPD-WA-05-082323	TO-15	67-64-1	ACETONE	6.5	J	1.5	6.7	UG/M3	6.5	J
EPD-WA-05-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-05-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.2	0.95	UG/M3	0.95	U
EPD-WA-05-082323	TO-15	75-25-2	BROMOFORM	1.5	U	0.27	1.5	UG/M3	1.5	U
EPD-WA-05-082323	TO-15	74-83-9	BROMOMETHANE	28	U	1.6	28	UG/M3	28	U
EPD-WA-05-082323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-WA-05-082323	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-05-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-WA-05-082323	TO-15	98-82-8	CUMENE	0.7	U	0.26	0.7	UG/M3	0.70	U
EPD-WA-05-082323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.48	2.4	UG/M3	2.4	U
EPD-WA-05-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3	1.2	U
EPD-WA-05-082323	TO-15	64-17-5	ETHANOL	2	J	0.56	5.4	UG/M3	2.0	J
EPD-WA-05-082323	TO-15	75-69-4	FREON 11	1	U	0.12	0.8	UG/M3	1.0	U
EPD-WA-05-082323	TO-15	76-13-1	FREON 113	0.41	J	0.21	1.1	UG/M3	0.41	J
EPD-WA-05-082323	TO-15	142-82-5	HEPTANE	2.9	U	0.45	2.9	UG/M3	2.9	U
EPD-WA-05-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	1.7	7.6	UG/M3	7.6	U
EPD-WA-05-082323	TO-15	110-54-3	HEXANE	2.5	U	0.6	2.5	UG/M3	2.5	U
EPD-WA-05-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.4	J	0.22	0.99	UG/M3	0.40	J
EPD-WA-05-082323	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.21	0.7	UG/M3	0.70	U
EPD-WA-05-082323	TO-15	100-42-5	STYRENE	0.6	U	0.16	0.6	UG/M3	0.60	U
EPD-WA-05-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3	2.1	U
EPD-WA-05-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3	0.64	U
EPD-WA-05-082323	TO-15	78-79-5	1,3-BUTADIENE, 2-METHYL-	1.1	NJ				1.1	NJ
EPD-WA-05-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U				0	U,NF
EPD-WA-05-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U				0	U,NF
EPD-WA-05-082323	TO-15	NA	UNKNOWN TIC	1.2	NJ				1.2	J
EPD-WA-05-082323	TO-15	NA	UNKNOWN TIC	1.9	NJ				1.9	J
EPD-WA-05-082323	TO-15	NA	UNKNOWN TIC	0.72	NJ				0.72	J
EPD-WA-05-082323	TO-15	NA	UNKNOWN TIC	1.1	NJ				1.1	J
EPD-WA-05-082323	TO-15	NA	UNKNOWN TIC	0.89	NJ				0.89	J
EPD-WA-05-082323	TO-15	NA	UNKNOWN TIC	1.1	J				1.1	J
EPD-WA-05-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.03	0.15	UG/M3	0.15	U
EPD-WA-05-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.051	0.19	UG/M3	0.19	U
EPD-WA-05-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3	0.15	U
EPD-WA-05-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.02	0.11	UG/M3	0.11	U
EPD-WA-05-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-WA-05-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.036	0.22	UG/M3	0.22	U
EPD-WA-05-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049	J	0.0081	0.11	UG/M3	0.049	J
EPD-WA-05-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.081	J	0.061	0.17	UG/M3	0.081	J
EPD-WA-05-082323	TO-15 SIM	71-43-2	BENZENE	0.96	U	0.018	0.23	UG/M3	0.96	U
EPD-WA-05-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4	U	0.043	0.18	UG/M3	0.40	U
EPD-WA-05-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.038	0.19	UG/M3	0.19	U
EPD-WA-05-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.11	J	0.023	0.14	UG/M3	0.11	J
EPD-WA-05-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.67	J	0.26	1.5	UG/M3	0.67	J
EPD-WA-05-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.026	0.11	UG/M3	0.11	U
EPD-WA-05-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.21	U	0.027	0.12	UG/M3	0.21	U
EPD-WA-05-082323	TO-15 SIM	76-14-2	FREON 114	0.091	J	0.064	0.2	UG/M3	0.091	J
EPD-WA-05-082323	TO-15 SIM	75-71-8	FREON 12	1.8	U	0.037	0.35	UG/M3	1.8	U
EPD-WA-05-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.72	U	0.035	0.25	UG/M3	0.72	U
EPD-WA-05-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.031	0.51	UG/M3	0.51	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308512

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.09 J		0.039	0.37	UG/M3	0.37	U
EPD-WA-05-082323	TO-15 SIM	95-47-6	O-XYLENE	0.28		0.036	0.12	UG/M3	0.28	
EPD-WA-05-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.074 J		0.026	0.19	UG/M3	0.074	J
EPD-WA-05-082323	TO-15 SIM	108-88-3	TOLUENE	1.5		0.038	0.27	UG/M3	1.5	
EPD-WA-05-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56	U
EPD-WA-05-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.022 J		0.012	0.15	UG/M3	0.022	J
EPD-WA-05-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036	U
EPD-WA-06-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		3.1	5.8	UG/M3	5.8	U
EPD-WA-06-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76 U		0.2	0.76	UG/M3	0.76	U
EPD-WA-06-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93 U		0.18	0.93	UG/M3	0.93	U
EPD-WA-06-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.23	0.72	UG/M3	0.72	U
EPD-WA-06-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76 U		0.19	0.76	UG/M3	0.76	U
EPD-WA-06-082323	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.14	0.34	UG/M3	0.34	U
EPD-WA-06-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93 U		0.2	0.93	UG/M3	0.93	U
EPD-WA-06-082323	TO-15	123-91-1	1,4-DIOXANE	0.56 U		0.16	0.56	UG/M3	0.56	U
EPD-WA-06-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6 U		1.1	3.6	UG/M3	3.6	U
EPD-WA-06-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.4 J		0.23	2.3	UG/M3	1.4	J
EPD-WA-06-082323	TO-15	591-78-6	2-HEXANONE	3.2 U		0.71	3.2	UG/M3	3.2	U
EPD-WA-06-082323	TO-15	67-63-0	2-PROPANOL	7.6 U		0.58	7.6	UG/M3	7.6	U
EPD-WA-06-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.67	2.4	UG/M3	2.4	U
EPD-WA-06-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.21	0.76	UG/M3	0.76	U
EPD-WA-06-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.36 J		0.12	0.63	UG/M3	0.36	J
EPD-WA-06-082323	TO-15	67-64-1	ACETONE	4.5 J		1.6	7.4	UG/M3	4.5	J
EPD-WA-06-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.18	0.8	UG/M3	0.80	U
EPD-WA-06-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0	U
EPD-WA-06-082323	TO-15	75-25-2	BROMOFORM	1.6 U		0.29	1.6	UG/M3	1.6	U
EPD-WA-06-082323	TO-15	74-83-9	BROMOMETHANE	30 U		1.7	30	UG/M3	30	U
EPD-WA-06-082323	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.3	2.4	UG/M3	2.4	U
EPD-WA-06-082323	TO-15	108-90-7	CHLOROBENZENE	0.71 U		0.2	0.71	UG/M3	0.71	U
EPD-WA-06-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.12	0.7	UG/M3	0.70	U
EPD-WA-06-082323	TO-15	98-82-8	CUMENE	0.76 U		0.28	0.76	UG/M3	0.76	U
EPD-WA-06-082323	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.52	2.7	UG/M3	2.7	U
EPD-WA-06-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3	U
EPD-WA-06-082323	TO-15	64-17-5	ETHANOL	4.2 J		0.62	5.8	UG/M3	4.2	J
EPD-WA-06-082323	TO-15	75-69-4	FREON 11	1		0.14	0.87	UG/M3	1.0	
EPD-WA-06-082323	TO-15	76-13-1	FREON 113	0.37 J		0.23	1.2	UG/M3	0.37	J
EPD-WA-06-082323	TO-15	142-82-5	HEPTANE	3.2 U		0.49	3.2	UG/M3	3.2	U
EPD-WA-06-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		1.9	8.3	UG/M3	8.3	U
EPD-WA-06-082323	TO-15	110-54-3	HEXANE	2.7 U		0.66	2.7	UG/M3	2.7	U
EPD-WA-06-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.38 J		0.24	1.1	UG/M3	0.38	J
EPD-WA-06-082323	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.23	0.76	UG/M3	0.76	U
EPD-WA-06-082323	TO-15	100-42-5	STYRENE	0.66 U		0.18	0.66	UG/M3	0.66	U
EPD-WA-06-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		2.2	2.3	UG/M3	2.3	U
EPD-WA-06-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.21	0.7	UG/M3	0.70	U
EPD-WA-06-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-082323	TO-15	NA	UNKNOWN TIC	1.1 NJ				PPBV	1.1 J	
EPD-WA-06-082323	TO-15	NA	UNKNOWN TIC	1.6 NJ				PPBV	1.6 J	
EPD-WA-06-082323	TO-15	NA	UNKNOWN TIC	0.88 NJ				PPBV	0.88 J	
EPD-WA-06-082323	TO-15	NA	UNKNOWN TIC	1.5 J				PPBV	1.5 J	
EPD-WA-06-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.033	0.17	UG/M3	0.17	U
EPD-WA-06-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.055	0.21	UG/M3	0.21	U
EPD-WA-06-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.019	0.17	UG/M3	0.17	U
EPD-WA-06-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12	U
EPD-WA-06-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.031	0.061	UG/M3	0.061	U
EPD-WA-06-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.039	0.24	UG/M3	0.24	U
EPD-WA-06-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.042 J		0.0088	0.12	UG/M3	0.042	J
EPD-WA-06-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 U		0.067	0.19	UG/M3	0.19	U
EPD-WA-06-082323	TO-15 SIM	71-43-2	BENZENE	0.87		0.02	0.25	UG/M3	0.87	
EPD-WA-06-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.047	0.2	UG/M3	0.39	
EPD-WA-06-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.042	0.2	UG/M3	0.20	U
EPD-WA-06-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.092 J		0.025	0.15	UG/M3	0.092	J
EPD-WA-06-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.69 J		0.28	1.6	UG/M3	0.69	J
EPD-WA-06-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.029	0.12	UG/M3	0.12	U
EPD-WA-06-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.24		0.029	0.13	UG/M3	0.24	
EPD-WA-06-082323	TO-15 SIM	76-14-2	FREON 114	0.09 J		0.07	0.22	UG/M3	0.090	J
EPD-WA-06-082323	TO-15 SIM	75-71-8	FREON 12	1.8		0.04	0.38	UG/M3	1.8	
EPD-WA-06-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.68		0.038	0.27	UG/M3	0.68	
EPD-WA-06-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.034	0.56	UG/M3	0.56	U
EPD-WA-06-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.16 J		0.043	0.41	UG/M3	0.16	J
EPD-WA-06-082323	TO-15 SIM	95-47-6	O-XYLENE	0.26		0.039	0.13	UG/M3	0.26	
EPD-WA-06-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.11 J		0.028	0.21	UG/M3	0.11	J
EPD-WA-06-082323	TO-15 SIM	108-88-3	TOLUENE	1		0.042	0.29	UG/M3	1.0	
EPD-WA-06-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61 U		0.03	0.61	UG/M3	0.61	U
EPD-WA-06-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.02 J		0.014	0.17	UG/M3	0.020	J
EPD-WA-06-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.016	0.04	UG/M3	0.040	U
EPD-WA-22-082223	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.064	0.2	UG/M3	0.094	J
EPD-WA-22-082223	TO-15 SIM	75-71-8	FREON 12	1.9		0.037	0.35	UG/M3	1.9	
EPD-WA-22-082223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.22 J		0.034	0.24	UG/M3	0.22	J
EPD-WA-22-082223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.031	0.5	UG/M3	0.50	U
EPD-WA-22-082223	TO-15 SIM	91-20-3	NAPHTHALENE	0.13 J		0.039	0.37	UG/M3	0.37	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
 EUROFINIS AIR TOXICS, LLC REPORT NO. 2308512

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-082223	TO-15 SIM	95-47-6	O-XYLENE	0.099 J		0.035	0.12	UG/M3	0.099 J	
EPD-WA-22-082223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.044 J		0.025	0.19	UG/M3	0.044 J	
EPD-WA-22-082223	TO-15 SIM	108-88-3	TOLUENE	0.54		0.038	0.26	UG/M3	0.54	
EPD-WA-22-082223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56 U	
EPD-WA-22-082223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.02 J		0.012	0.15	UG/M3	0.020 J	
EPD-WA-22-082223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-66-082323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6 U	
EPD-WA-66-082323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74 U	
EPD-WA-66-082323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.18	0.91	UG/M3	0.91 U	
EPD-WA-66-082323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.22	0.7	UG/M3	0.70 U	
EPD-WA-66-082323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74 U	
EPD-WA-66-082323	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	
EPD-WA-66-082323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.2	0.91	UG/M3	0.91 U	
EPD-WA-66-082323	TO-15	123-91-1	1,4-DIOXANE	0.18 J		0.16	0.54	UG/M3	0.18 J	
EPD-WA-66-082323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5 U	
EPD-WA-66-082323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.5 J		0.22	2.2	UG/M3	1.5 J	
EPD-WA-66-082323	TO-15	591-78-6	2-HEXANONE	3.1 U		0.7	3.1	UG/M3	3.1 U	
EPD-WA-66-082323	TO-15	67-63-0	2-PROPANOL	7.4 U		0.57	7.4	UG/M3	7.4 U	
EPD-WA-66-082323	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	
EPD-WA-66-082323	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-66-082323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.39 J		0.12	0.62	UG/M3	0.39 J	
EPD-WA-66-082323	TO-15	67-64-1	ACETONE	5.5 J		1.6	7.2	UG/M3	5.5 J	
EPD-WA-66-082323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78 U	
EPD-WA-66-082323	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0 U	
EPD-WA-66-082323	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6 U	
EPD-WA-66-082323	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29 U	
EPD-WA-66-082323	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.2	2.4	UG/M3	2.4 U	
EPD-WA-66-082323	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.2	0.7	UG/M3	0.70 U	
EPD-WA-66-082323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-WA-66-082323	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74 U	
EPD-WA-66-082323	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.51	2.6	UG/M3	2.6 U	
EPD-WA-66-082323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3 U	
EPD-WA-66-082323	TO-15	64-17-5	ETHANOL	5.3 J		0.6	5.7	UG/M3	5.3 J	
EPD-WA-66-082323	TO-15	75-69-4	FREON 11	1		0.13	0.85	UG/M3	1.0	
EPD-WA-66-082323	TO-15	76-13-1	FREON 113	0.37 J		0.22	1.2	UG/M3	0.37 J	
EPD-WA-66-082323	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3	3.1 U	
EPD-WA-66-082323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3	8.0 U	
EPD-WA-66-082323	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3	2.7 U	
EPD-WA-66-082323	TO-15	75-09-2	METHYLENE CHLORIDE	0.37 J		0.23	1	UG/M3	0.37 J	
EPD-WA-66-082323	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-WA-66-082323	TO-15	100-42-5	STYRENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-66-082323	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-66-082323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-WA-66-082323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-66-082323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-66-082323	TO-15	NA	UNKNOWN TIC	1.2 NJ				PPBV	1.2 J	
EPD-WA-66-082323	TO-15	NA	UNKNOWN TIC	1.6 NJ				PPBV	1.6 J	
EPD-WA-66-082323	TO-15	NA	UNKNOWN TIC	0.97 NJ				PPBV	0.97 J	
EPD-WA-66-082323	TO-15	NA	UNKNOWN TIC	2.6 J				PPBV	2.6 J	
EPD-WA-66-082323	TO-15	NA	UNKNOWN TIC	1.2 J				PPBV	1.2 J	
EPD-WA-66-082323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-WA-66-082323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3	0.21 U	
EPD-WA-66-082323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-WA-66-082323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12 U	
EPD-WA-66-082323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.03	0.06	UG/M3	0.060 U	
EPD-WA-66-082323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-WA-66-082323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045 J		0.0086	0.12	UG/M3	0.045 J	
EPD-WA-66-082323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3	0.18 U	
EPD-WA-66-082323	TO-15 SIM	71-43-2	BENZENE	0.88		0.019	0.24	UG/M3	0.88	
EPD-WA-66-082323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.046	0.19	UG/M3	0.40	
EPD-WA-66-082323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-66-082323	TO-15 SIM	67-66-3	CHLOROFORM	0.092 J		0.024	0.15	UG/M3	0.092 J	
EPD-WA-66-082323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.7 J		0.28	1.6	UG/M3	0.70 J	
EPD-WA-66-082323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-66-082323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.26		0.029	0.13	UG/M3	0.26	
EPD-WA-66-082323	TO-15 SIM	76-14-2	FREON 114	0.092 J		0.068	0.21	UG/M3	0.092 J	
EPD-WA-66-082323	TO-15 SIM	75-71-8	FREON 12	1.8		0.04	0.37	UG/M3	1.8	
EPD-WA-66-082323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.68		0.037	0.26	UG/M3	0.68	
EPD-WA-66-082323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.033	0.54	UG/M3	0.54 U	
EPD-WA-66-082323	TO-15 SIM	91-20-3	NAPHTHALENE	0.18 J		0.042	0.4	UG/M3	0.40 U	
EPD-WA-66-082323	TO-15 SIM	95-47-6	O-XYLENE	0.26		0.038	0.13	UG/M3	0.26	
EPD-WA-66-082323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.1 J		0.027	0.2	UG/M3	0.10 J	
EPD-WA-66-082323	TO-15 SIM	108-88-3	TOLUENE	1		0.04	0.28	UG/M3	1.0	
EPD-WA-66-082323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6 U		0.029	0.6	UG/M3	0.60 U	
EPD-WA-66-082323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.022 J		0.013	0.16	UG/M3	0.022 J	
EPD-WA-66-082323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 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>	2117c		
<b>Laboratory Report No.</b>	2308548	<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>	08/24/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-04-082423 / EPD-WA-44-082423		
<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) were not provided in the Level II laboratory report. The lab provided the RPDs separately. No qualifications were applied.

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

**Sample preservation, receipt, and holding times:**

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

**Method blanks:**

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2308548-10B): Naphthalene was detected in the method blank at a level between the MDL and RL. The naphthalene results in all samples were at levels between the MDLs and RLs, therefore the sample results were raised to the RL and qualified as nondetect (flagged U).

**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
N	EPA-WA-04-082423 / EPA-WA-44-082423: The results for acetone in the field sample and field duplicate resulted in an absolute difference that was greater than the RL. The acetone results in both samples were qualified as estimated (flagged J).

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
Y	

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-H-082423 was 1.36</li> <li>• EPD-UW-D-082423 was 1.45</li> <li>• EPD-WA-01-082423 was 1.42</li> <li>• EPD-WA-02-082423 was 1.45</li> <li>• EPD-WA-03-082423 was 1.42</li> <li>• EPD-WA-04-082423 was 1.55</li> <li>• EPD-WA-05-082423 was 1.42</li> <li>• EPD-WA-06-082423 was 1.39</li> <li>• EPD-WA-44-082423 was 1.51</li> </ul>



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

**Other [Continuing Calibration]:**

Within Criteria	Exceedance/Notes
N	CCV (2308548-11A) had low percent recoveries for 2-propanol and acetone. The acetone and 2-propanol results in all samples were qualified as estimated (flagged J/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. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-H-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE		5 U		2.7	5 UG/M3		5.0 U
EPD-DW-H-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE		0.67 U		0.18	0.67 UG/M3		0.67 U
EPD-DW-H-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE		0.82 U		0.16	0.82 UG/M3		0.82 U
EPD-DW-H-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE		0.63 U		0.2	0.63 UG/M3		0.63 U
EPD-DW-H-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE		0.67 U		0.16	0.67 UG/M3		0.67 U
EPD-DW-H-082423	TO-15	106-99-0	1,3-BUTADIENE		0.3 U		0.13	0.3 UG/M3		0.30 U
EPD-DW-H-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE		0.82 U		0.18	0.82 UG/M3		0.82 U
EPD-DW-H-082423	TO-15	123-91-1	1,4-DIOXANE		0.49 U		0.14	0.49 UG/M3		0.49 U
EPD-DW-H-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE		3.2 U		0.94	3.2 UG/M3		3.2 U
EPD-DW-H-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)		1.6 J		0.2	2 UG/M3		1.6 J
EPD-DW-H-082423	TO-15	591-78-6	2-HEXANONE		2.8 U		0.62	2.8 UG/M3		2.8 U
EPD-DW-H-082423	TO-15	67-63-0	2-PROPANOL		7 J0		0.51	6.7 UG/M3		7.0 J
EPD-DW-H-082423	TO-15	107-05-1	3-CHLOROPROPENE		2.1 U		0.59	2.1 UG/M3		2.1 U
EPD-DW-H-082423	TO-15	622-96-8	4-ETHYLTOLUENE		0.67 U		0.19	0.67 UG/M3		0.67 U
EPD-DW-H-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE		0.26 J		0.11	0.56 UG/M3		0.26 J
EPD-DW-H-082423	TO-15	67-64-1	ACETONE		79 J0		1.4	6.5 UG/M3		79 J
EPD-DW-H-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE		0.7 U		0.16	0.7 UG/M3		0.70 U
EPD-DW-H-082423	TO-15	75-27-4	BROMODICHLOROMETHANE		0.91 U		0.19	0.91 UG/M3		0.91 U
EPD-DW-H-082423	TO-15	75-25-2	BROMOFORM		1.4 U		0.26	1.4 UG/M3		1.4 U
EPD-DW-H-082423	TO-15	74-83-9	BROMOMETHANE		26 U		1.5	26 UG/M3		26 U
EPD-DW-H-082423	TO-15	75-15-0	CARBON DISULFIDE		2.1 U		2	2.1 UG/M3		2.1 U
EPD-DW-H-082423	TO-15	108-90-7	CHLOROBENZENE		0.63 U		0.18	0.63 UG/M3		0.63 U
EPD-DW-H-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE		0.62 U		0.11	0.62 UG/M3		0.62 U
EPD-DW-H-082423	TO-15	98-82-8	CUMENE		0.67 U		0.24	0.67 UG/M3		0.67 U
EPD-DW-H-082423	TO-15	110-82-7	CYCLOHEXANE		2.3 U		0.46	2.3 UG/M3		2.3 U
EPD-DW-H-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE		1.2 U		0.19	1.2 UG/M3		1.2 U
EPD-DW-H-082423	TO-15	64-17-5	ETHANOL		8		0.54	5.1 UG/M3		8.0
EPD-DW-H-082423	TO-15	75-69-4	FREON 11		0.89		0.12	0.76 UG/M3		0.89
EPD-DW-H-082423	TO-15	76-13-1	FREON 113		0.35 J		0.2	1 UG/M3		0.35 J
EPD-DW-H-082423	TO-15	142-82-5	HEPTANE		2.8 U		0.43	2.8 UG/M3		2.8 U
EPD-DW-H-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE		7.2 U		1.7	7.2 UG/M3		7.2 U
EPD-DW-H-082423	TO-15	110-54-3	HEXANE		2.4 U		0.58	2.4 UG/M3		2.4 U
EPD-DW-H-082423	TO-15	75-09-2	METHYLENE CHLORIDE		0.43 J		0.21	0.94 UG/M3		0.43 J
EPD-DW-H-082423	TO-15	103-65-1	PROPYLBENZENE		0.67 U		0.2	0.67 UG/M3		0.67 U
EPD-DW-H-082423	TO-15	100-42-5	STYRENE		0.58 U		0.16	0.58 UG/M3		0.58 U
EPD-DW-H-082423	TO-15	109-99-9	TETRAHYDROFURAN		2 U		1.9	2 UG/M3		2.0 U
EPD-DW-H-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE		0.62 U		0.18	0.62 UG/M3		0.62 U
EPD-DW-H-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL		0 U			ppbv		0 U,NF
EPD-DW-H-082423	TO-15	78-78-4	BUTANE, 2-METHYL-		1.7 NJ			ppbv		1.7 NJ
EPD-DW-H-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)		0 U			ppbv		0 U,NF
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		1.3 NJ			ppbv		1.3 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		1.2 NJ			ppbv		1.2 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		35 NJ			ppbv		35 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		1.3 NJ			ppbv		1.3 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		1 NJ			ppbv		1.0 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		1.2 NJ			ppbv		1.2 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		1 J			ppbv		1.0 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		2.8 J			ppbv		2.8 J
EPD-DW-H-082423	TO-15	NA	UKNOWN TIC		3.2 J			ppbv		3.2 J
EPD-DW-H-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE		0.15 U		0.029	0.15 UG/M3		0.15 U
EPD-DW-H-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE		0.19 U		0.049	0.19 UG/M3		0.19 U
EPD-DW-H-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE		0.15 U		0.017	0.15 UG/M3		0.15 U
EPD-DW-H-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE		0.11 U		0.02	0.11 UG/M3		0.11 U
EPD-DW-H-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE		0.054 U		0.027	0.054 UG/M3		0.054 U
EPD-DW-H-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)		0.21 U		0.034	0.21 UG/M3		0.21 U
EPD-DW-H-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE		0.043 J		0.0078	0.11 UG/M3		0.043 J
EPD-DW-H-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE		0.16 U		0.059	0.16 UG/M3		0.16 U
EPD-DW-H-082423	TO-15 SIM	71-43-2	BENZENE		0.62		0.017	0.22 UG/M3		0.62
EPD-DW-H-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE		0.42		0.041	0.17 UG/M3		0.42
EPD-DW-H-082423	TO-15 SIM	75-00-3	CHLOROETHANE		0.13 J		0.036	0.18 UG/M3		0.13 J
EPD-DW-H-082423	TO-15 SIM	67-66-3	CHLOROFORM		0.064 J		0.022	0.13 UG/M3		0.064 J
EPD-DW-H-082423	TO-15 SIM	74-87-3	CHLOROMETHANE		1.2 J		0.25	1.4 UG/M3		1.2 J
EPD-DW-H-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE		0.11 U		0.025	0.11 UG/M3		0.11 U
EPD-DW-H-082423	TO-15 SIM	100-41-4	ETHYL BENZENE		0.11 J		0.026	0.12 UG/M3		0.11 J
EPD-DW-H-082423	TO-15 SIM	76-14-2	FREON 114		0.097 J		0.062	0.19 UG/M3		0.097 J
EPD-DW-H-082423	TO-15 SIM	75-71-8	FREON 12		1.9		0.036	0.34 UG/M3		1.9
EPD-DW-H-082423	TO-15 SIM	179601-23-1	M,P-XYLENE		0.3		0.033	0.24 UG/M3		0.30
EPD-DW-H-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER		0.49 U		0.03	0.49 UG/M3		0.49 U
EPD-DW-H-082423	TO-15 SIM	91-20-3	NAPHTHALENE		0.14 J		0.038	0.36 UG/M3		0.36 U
EPD-DW-H-082423	TO-15 SIM	95-47-6	O-XYLENE		0.12		0.034	0.12 UG/M3		0.12
EPD-DW-H-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE		0.13 J		0.024	0.18 UG/M3		0.13 J
EPD-DW-H-082423	TO-15 SIM	108-88-3	TOLUENE		0.66		0.036	0.26 UG/M3		0.66
EPD-DW-H-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE		0.087 J		0.026	0.54 UG/M3		0.087 J
EPD-DW-H-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE		0.013 J		0.012	0.15 UG/M3		0.013 J
EPD-DW-H-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE		0.035 U		0.014	0.035 UG/M3		0.035 U
EPD-UW-D-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE		5.4 U		2.9	5.4 UG/M3		5.4 U
EPD-UW-D-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE		0.71 U		0.19	0.71 UG/M3		0.71 U
EPD-UW-D-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE		0.87 U		0.17	0.87 UG/M3		0.87 U
EPD-UW-D-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE		0.67 U		0.21	0.67 UG/M3		0.67 U
EPD-UW-D-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE		0.71 U		0.18	0.71 UG/M3		0.71 U
EPD-UW-D-082423	TO-15	106-99-0	1,3-BUTADIENE		0.32 U		0.14	0.32 UG/M3		0.32 U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
 EUROFINIS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-D-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U		0.19	0.87	UG/M3	0.87 U	
EPD-UW-D-082423	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.15	0.52	UG/M3	0.52 U	
EPD-UW-D-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		1	3.4	UG/M3	3.4 U	
EPD-UW-D-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.99 J		0.21	2.1	UG/M3	0.99 J	
EPD-UW-D-082423	TO-15	591-78-6	2-HEXANONE	3 U		0.67	3	UG/M3	3.0 U	
EPD-UW-D-082423	TO-15	67-63-0	2-PROPANOL	7.1 UJ		0.54	7.1	UG/M3	7.1 UJ	
EPD-UW-D-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.62	2.3	UG/M3	2.3 U	
EPD-UW-D-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.2	0.71	UG/M3	0.71 U	
EPD-UW-D-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.12 J		0.12	0.59	UG/M3	0.12 J	
EPD-UW-D-082423	TO-15	67-64-1	ACETONE	7.5 JO		1.5	6.9	UG/M3	7.5 J	
EPD-UW-D-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.17	0.75	UG/M3	0.75 U	
EPD-UW-D-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.21	0.97	UG/M3	0.97 U	
EPD-UW-D-082423	TO-15	75-25-2	BROMOFORM	1.5 U		0.27	1.5	UG/M3	1.5 U	
EPD-UW-D-082423	TO-15	74-83-9	BROMOMETHANE	28 U		1.6	28	UG/M3	28 U	
EPD-UW-D-082423	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-UW-D-082423	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.19	0.67	UG/M3	0.67 U	
EPD-UW-D-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.12	0.66	UG/M3	0.66 U	
EPD-UW-D-082423	TO-15	98-82-8	CUMENE	0.71 U		0.26	0.71	UG/M3	0.71 U	
EPD-UW-D-082423	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.49	2.5	UG/M3	2.5 U	
EPD-UW-D-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.2	1.2	UG/M3	1.2 U	
EPD-UW-D-082423	TO-15	64-17-5	ETHANOL	2 J		0.58	5.5	UG/M3	2.0 J	
EPD-UW-D-082423	TO-15	75-69-4	FREON 11	1		0.13	0.81	UG/M3	1.0	
EPD-UW-D-082423	TO-15	76-13-1	FREON 113	0.36 J		0.21	1.1	UG/M3	0.36 J	
EPD-UW-D-082423	TO-15	142-82-5	HEPTANE	3 U		0.46	3	UG/M3	3.0 U	
EPD-UW-D-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		1.8	7.7	UG/M3	7.7 U	
EPD-UW-D-082423	TO-15	110-54-3	HEXANE	2.6 U		0.62	2.6	UG/M3	2.6 U	
EPD-UW-D-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.36 J		0.22	1	UG/M3	0.36 J	
EPD-UW-D-082423	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.21	0.71	UG/M3	0.71 U	
EPD-UW-D-082423	TO-15	100-42-5	STYRENE	0.62 U		0.17	0.62	UG/M3	0.62 U	
EPD-UW-D-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		2	2.1	UG/M3	2.1 U	
EPD-UW-D-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.19	0.66	UG/M3	0.66 U	
EPD-UW-D-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-UW-D-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-UW-D-082423	TO-15	NA	UKNOWN TIC	0.89 NJ				ppbv	0.89 J	
EPD-UW-D-082423	TO-15	NA	UKNOWN TIC	0.93 NJ				ppbv	0.93 J	
EPD-UW-D-082423	TO-15	NA	UKNOWN TIC	0.8 NJ				ppbv	0.80 J	
EPD-UW-D-082423	TO-15	NA	UKNOWN TIC	1.5 J				ppbv	1.5 J	
EPD-UW-D-082423	TO-15	NA	UKNOWN TIC	0.95 J				ppbv	0.95 J	
EPD-UW-D-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.031	0.16	UG/M3	0.16 U	
EPD-UW-D-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.052	0.2	UG/M3	0.20 U	
EPD-UW-D-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.018	0.16	UG/M3	0.16 U	
EPD-UW-D-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.021	0.12	UG/M3	0.12 U	
EPD-UW-D-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.029	0.057	UG/M3	0.057 U	
EPD-UW-D-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.037	0.22	UG/M3	0.22 U	
EPD-UW-D-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.0083	0.12	UG/M3	0.041 J	
EPD-UW-D-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.062	0.17	UG/M3	0.17 U	
EPD-UW-D-082423	TO-15 SIM	71-43-2	BENZENE	0.4		0.018	0.23	UG/M3	0.40	
EPD-UW-D-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.044	0.18	UG/M3	0.41	
EPD-UW-D-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.039	0.19	UG/M3	0.19 U	
EPD-UW-D-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.059 J		0.023	0.14	UG/M3	0.059 J	
EPD-UW-D-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.78 J		0.26	1.5	UG/M3	0.78 J	
EPD-UW-D-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.027	0.11	UG/M3	0.11 U	
EPD-UW-D-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12 J		0.028	0.12	UG/M3	0.12 J	
EPD-UW-D-082423	TO-15 SIM	76-14-2	FREON 114	0.088 J		0.066	0.2	UG/M3	0.088 J	
EPD-UW-D-082423	TO-15 SIM	75-71-8	FREON 12	1.9		0.038	0.36	UG/M3	1.9	
EPD-UW-D-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.38		0.036	0.25	UG/M3	0.38	
EPD-UW-D-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.032	0.52	UG/M3	0.52 U	
EPD-UW-D-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.055 J		0.04	0.38	UG/M3	0.38 U	
EPD-UW-D-082423	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.037	0.17	UG/M3	0.15	
EPD-UW-D-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19 J		0.026	0.2	UG/M3	0.19 J	
EPD-UW-D-082423	TO-15 SIM	108-88-3	TOLUENE	0.36		0.039	0.27	UG/M3	0.36	
EPD-UW-D-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.028	0.57	UG/M3	0.57 U	
EPD-UW-D-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.013	0.16	UG/M3	0.16 U	
EPD-UW-D-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.015	0.037	UG/M3	0.037 U	
EPD-WA-01-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		2.8	5.3	UG/M3	5.3 U	
EPD-WA-01-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-WA-01-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.17	0.85	UG/M3	0.85 U	
EPD-WA-01-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.21	0.66	UG/M3	0.66 U	
EPD-WA-01-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.17	0.7	UG/M3	0.70 U	
EPD-WA-01-082423	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-WA-01-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.19	0.85	UG/M3	0.85 U	
EPD-WA-01-082423	TO-15	123-91-1	1,4-DIOXANE	0.51 U		0.15	0.51	UG/M3	0.51 U	
EPD-WA-01-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.99	3.3	UG/M3	3.3 U	
EPD-WA-01-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.63 J		0.21	2.1	UG/M3	0.63 J	
EPD-WA-01-082423	TO-15	591-78-6	2-HEXANONE	2.9 U		0.65	2.9	UG/M3	2.9 U	
EPD-WA-01-082423	TO-15	67-63-0	2-PROPANOL	7 UJ		0.53	7	UG/M3	7.0 UJ	
EPD-WA-01-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.61	2.2	UG/M3	2.2 U	
EPD-WA-01-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.2	0.7	UG/M3	0.70 U	
EPD-WA-01-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.12	0.58	UG/M3	0.58 U	
EPD-WA-01-082423	TO-15	67-64-1	ACETONE	6.5 J		1.5	6.7	UG/M3	6.5 J	
EPD-WA-01-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.17	0.74	UG/M3	0.74 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U			0.2	0.95 UG/M3	0.95 U	
EPD-WA-01-082423	TO-15	75-25-2	BROMOFORM	1.5 U			0.27	1.5 UG/M3	1.5 U	
EPD-WA-01-082423	TO-15	74-83-9	BROMOMETHANE	28 U			1.6	28 UG/M3	28 U	
EPD-WA-01-082423	TO-15	75-15-0	CARBON DISULFIDE	2.2 U			2.1	2.2 UG/M3	2.2 U	
EPD-WA-01-082423	TO-15	108-90-7	CHLOROBENZENE	0.65 U			0.18	0.65 UG/M3	0.65 U	
EPD-WA-01-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U			0.12	0.64 UG/M3	0.64 U	
EPD-WA-01-082423	TO-15	98-82-8	CUMENE	0.7 U			0.26	0.7 UG/M3	0.70 U	
EPD-WA-01-082423	TO-15	110-82-7	CYCLOHEXANE	2.4 U			0.48	2.4 UG/M3	2.4 U	
EPD-WA-01-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U			0.2	1.2 UG/M3	1.2 U	
EPD-WA-01-082423	TO-15	64-17-5	ETHANOL	2.4 J			0.56	5.4 UG/M3	2.4 J	
EPD-WA-01-082423	TO-15	75-69-4	FREON 11	0.87			0.12	0.8 UG/M3	0.87	
EPD-WA-01-082423	TO-15	76-13-1	FREON 113	0.39 J			0.21	1.1 UG/M3	0.39 J	
EPD-WA-01-082423	TO-15	142-82-5	HEPTANE	2.9 U			0.45	2.9 UG/M3	2.9 U	
EPD-WA-01-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U			1.7	7.6 UG/M3	7.6 U	
EPD-WA-01-082423	TO-15	110-54-3	HEXANE	2.5 U			0.6	2.5 UG/M3	2.5 U	
EPD-WA-01-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.43 J			0.22	0.99 UG/M3	0.43 J	
EPD-WA-01-082423	TO-15	103-65-1	PROPYLBENZENE	0.7 U			0.21	0.7 UG/M3	0.70 U	
EPD-WA-01-082423	TO-15	100-42-5	STYRENE	0.6 U			0.16	0.6 UG/M3	0.60 U	
EPD-WA-01-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U			2	2.1 UG/M3	2.1 U	
EPD-WA-01-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U			0.19	0.64 UG/M3	0.64 U	
EPD-WA-01-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-01-082423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.3 NJ				ppbv	1.3 NJ	
EPD-WA-01-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-01-082423	TO-15	NA	UKNOWN TIC	1.4 NJ				ppbv	1.4 J	
EPD-WA-01-082423	TO-15	NA	UKNOWN TIC	1.1 NJ				ppbv	1.1 J	
EPD-WA-01-082423	TO-15	NA	UKNOWN TIC	1.4 J				ppbv	1.4 J	
EPD-WA-01-082423	TO-15	NA	UKNOWN TIC	0.76 J				ppbv	0.76 J	
EPD-WA-01-082423	TO-15	NA	UKNOWN TIC	0.83 J				ppbv	0.83 J	
EPD-WA-01-082423	TO-15	NA	UKNOWN TIC	1.2 J				ppbv	1.2 J	
EPD-WA-01-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U			0.03	0.15 UG/M3	0.15 U	
EPD-WA-01-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U			0.051	0.19 UG/M3	0.19 U	
EPD-WA-01-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U			0.018	0.15 UG/M3	0.15 U	
EPD-WA-01-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U			0.02	0.11 UG/M3	0.11 U	
EPD-WA-01-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U			0.028	0.056 UG/M3	0.056 U	
EPD-WA-01-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U			0.036	0.22 UG/M3	0.22 U	
EPD-WA-01-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043 J			0.0081	0.11 UG/M3	0.043 J	
EPD-WA-01-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U			0.061	0.17 UG/M3	0.17 U	
EPD-WA-01-082423	TO-15 SIM	71-43-2	BENZENE	0.48			0.018	0.23 UG/M3	0.48	
EPD-WA-01-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4			0.043	0.18 UG/M3	0.40	
EPD-WA-01-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U			0.038	0.19 UG/M3	0.19 U	
EPD-WA-01-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.056 J			0.023	0.14 UG/M3	0.056 J	
EPD-WA-01-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.75 J			0.26	1.5 UG/M3	0.75 J	
EPD-WA-01-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U			0.026	0.11 UG/M3	0.11 U	
EPD-WA-01-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.089 J			0.027	0.12 UG/M3	0.089 J	
EPD-WA-01-082423	TO-15 SIM	76-14-2	FREON 114	0.09 J			0.064	0.2 UG/M3	0.090 J	
EPD-WA-01-082423	TO-15 SIM	75-71-8	FREON 12	1.8			0.037	0.35 UG/M3	1.8	
EPD-WA-01-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24 J			0.035	0.25 UG/M3	0.24 J	
EPD-WA-01-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U			0.031	0.51 UG/M3	0.51 U	
EPD-WA-01-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.059 J			0.039	0.37 UG/M3	0.37 U	
EPD-WA-01-082423	TO-15 SIM	95-47-6	O-XYLENE	0.099 J			0.036	0.12 UG/M3	0.099 J	
EPD-WA-01-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.13 J			0.026	0.19 UG/M3	0.13 J	
EPD-WA-01-082423	TO-15 SIM	108-88-3	TOLUENE	0.56			0.038	0.27 UG/M3	0.56	
EPD-WA-01-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U			0.027	0.56 UG/M3	0.56 U	
EPD-WA-01-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.025 J			0.012	0.15 UG/M3	0.025 J	
EPD-WA-01-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U			0.015	0.036 UG/M3	0.036 U	
EPD-WA-02-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U			2.9	5.4 UG/M3	5.4 U	
EPD-WA-02-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U			0.19	0.71 UG/M3	0.71 U	
EPD-WA-02-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U			0.17	0.87 UG/M3	0.87 U	
EPD-WA-02-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U			0.21	0.67 UG/M3	0.67 U	
EPD-WA-02-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U			0.18	0.71 UG/M3	0.71 U	
EPD-WA-02-082423	TO-15	106-99-0	1,3-BUTADIENE	0.32 U			0.14	0.32 UG/M3	0.32 U	
EPD-WA-02-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U			0.19	0.87 UG/M3	0.87 U	
EPD-WA-02-082423	TO-15	123-91-1	1,4-DIOXANE	0.52 U			0.15	0.52 UG/M3	0.52 U	
EPD-WA-02-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U			1	3.4 UG/M3	3.4 U	
EPD-WA-02-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.93 J			0.21	2.1 UG/M3	0.93 J	
EPD-WA-02-082423	TO-15	591-78-6	2-HEXANONE	3 U			0.67	3 UG/M3	3.0 U	
EPD-WA-02-082423	TO-15	67-63-0	2-PROPANOL	7.1 UJ			0.54	7.1 UG/M3	7.1 UJ	
EPD-WA-02-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U			0.62	2.3 UG/M3	2.3 U	
EPD-WA-02-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U			0.2	0.71 UG/M3	0.71 U	
EPD-WA-02-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.15 J			0.12	0.59 UG/M3	0.15 J	
EPD-WA-02-082423	TO-15	67-64-1	ACETONE	6.4 J			1.5	6.9 UG/M3	6.4 J	
EPD-WA-02-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U			0.17	0.75 UG/M3	0.75 U	
EPD-WA-02-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U			0.21	0.97 UG/M3	0.97 U	
EPD-WA-02-082423	TO-15	75-25-2	BROMOFORM	1.5 U			0.27	1.5 UG/M3	1.5 U	
EPD-WA-02-082423	TO-15	74-83-9	BROMOMETHANE	28 U			1.6	28 UG/M3	28 U	
EPD-WA-02-082423	TO-15	75-15-0	CARBON DISULFIDE	2.2 U			2.1	2.2 UG/M3	2.2 U	
EPD-WA-02-082423	TO-15	108-90-7	CHLOROBENZENE	0.67 U			0.19	0.67 UG/M3	0.67 U	
EPD-WA-02-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U			0.12	0.66 UG/M3	0.66 U	
EPD-WA-02-082423	TO-15	98-82-8	CUMENE	0.71 U			0.26	0.71 UG/M3	0.71 U	
EPD-WA-02-082423	TO-15	110-82-7	CYCLOHEXANE	2.5 U			0.49	2.5 UG/M3	2.5 U	
EPD-WA-02-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U			0.2	1.2 UG/M3	1.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-082423	TO-15	64-17-5	ETHANOL	2.5	J	0.58	5.5	UG/M3	2.5	J
EPD-WA-02-082423	TO-15	75-69-4	FREON 11	0.94		0.13	0.81	UG/M3	0.94	
EPD-WA-02-082423	TO-15	76-13-1	FREON 113	0.52	J	0.21	1.1	UG/M3	0.52	J
EPD-WA-02-082423	TO-15	142-82-5	HEPTANE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-02-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	1.8	7.7	UG/M3	7.7	U
EPD-WA-02-082423	TO-15	110-54-3	HEXANE	2.6	U	0.62	2.6	UG/M3	2.6	U
EPD-WA-02-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.39	J	0.22	1	UG/M3	0.39	J
EPD-WA-02-082423	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.21	0.71	UG/M3	0.71	U
EPD-WA-02-082423	TO-15	100-42-5	STYRENE	0.62	U	0.17	0.62	UG/M3	0.62	U
EPD-WA-02-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3	2.1	U
EPD-WA-02-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.19	0.66	UG/M3	0.66	U
EPD-WA-02-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-WA-02-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			ppbv	0	U,NF
EPD-WA-02-082423	TO-15	NA	UKNOWN TIC	0.8	NJ			ppbv	0.80	J
EPD-WA-02-082423	TO-15	NA	UKNOWN TIC	1.2	NJ			ppbv	1.2	J
EPD-WA-02-082423	TO-15	NA	UKNOWN TIC	1.2	NJ			ppbv	1.2	J
EPD-WA-02-082423	TO-15	NA	UKNOWN TIC	1.6	J			ppbv	1.6	J
EPD-WA-02-082423	TO-15	NA	UKNOWN TIC	0.99	J			ppbv	0.99	J
EPD-WA-02-082423	TO-15	NA	UKNOWN TIC	1.1	J			ppbv	1.1	J
EPD-WA-02-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.031	0.16	UG/M3	0.16	U
EPD-WA-02-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.052	0.2	UG/M3	0.20	U
EPD-WA-02-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.018	0.16	UG/M3	0.16	U
EPD-WA-02-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.021	0.12	UG/M3	0.12	U
EPD-WA-02-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.029	0.057	UG/M3	0.057	U
EPD-WA-02-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.037	0.22	UG/M3	0.22	U
EPD-WA-02-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045	J	0.0083	0.12	UG/M3	0.045	J
EPD-WA-02-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.062	0.17	UG/M3	0.17	U
EPD-WA-02-082423	TO-15 SIM	71-43-2	BENZENE	0.62		0.018	0.23	UG/M3	0.62	
EPD-WA-02-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.044	0.18	UG/M3	0.40	
EPD-WA-02-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.039	0.19	UG/M3	0.19	U
EPD-WA-02-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.07	J	0.023	0.14	UG/M3	0.070	J
EPD-WA-02-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.76	J	0.26	1.5	UG/M3	0.76	J
EPD-WA-02-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.027	0.11	UG/M3	0.11	U
EPD-WA-02-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12		0.028	0.12	UG/M3	0.12	
EPD-WA-02-082423	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.066	0.2	UG/M3	0.092	J
EPD-WA-02-082423	TO-15 SIM	75-71-8	FREON 12	1.8		0.038	1.8	UG/M3	1.8	
EPD-WA-02-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.38		0.036	0.25	UG/M3	0.38	
EPD-WA-02-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.032	0.52	UG/M3	0.52	U
EPD-WA-02-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.079	J	0.04	0.38	UG/M3	0.38	U
EPD-WA-02-082423	TO-15 SIM	95-47-6	O-XYLENE	0.16		0.037	0.12	UG/M3	0.16	
EPD-WA-02-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.058	J	0.026	0.2	UG/M3	0.058	J
EPD-WA-02-082423	TO-15 SIM	108-88-3	TOLUENE	0.64		0.039	0.27	UG/M3	0.64	
EPD-WA-02-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.028	0.57	UG/M3	0.57	U
EPD-WA-02-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-02-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.015	0.037	UG/M3	0.037	U
EPD-WA-03-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	2.8	5.3	UG/M3	5.3	U
EPD-WA-03-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7	U	0.19	0.7	UG/M3	0.70	U
EPD-WA-03-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.17	0.85	UG/M3	0.85	U
EPD-WA-03-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.21	0.66	UG/M3	0.66	U
EPD-WA-03-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.17	0.7	UG/M3	0.70	U
EPD-WA-03-082423	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-03-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.19	0.85	UG/M3	0.85	U
EPD-WA-03-082423	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3	0.51	U
EPD-WA-03-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.99	3.3	UG/M3	3.3	U
EPD-WA-03-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.44	J	0.21	2.1	UG/M3	0.44	J
EPD-WA-03-082423	TO-15	591-78-6	2-HEXANONE	2.9	U	0.65	2.9	UG/M3	2.9	U
EPD-WA-03-082423	TO-15	67-63-0	2-PROPANOL	7	UJ	0.53	7	UG/M3	7.0	UJ
EPD-WA-03-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.61	2.2	UG/M3	2.2	U
EPD-WA-03-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-03-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.36	J	0.12	0.58	UG/M3	0.36	J
EPD-WA-03-082423	TO-15	67-64-1	ACETONE	5.9	J	1.5	6.7	UG/M3	5.9	J
EPD-WA-03-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-03-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.2	0.95	UG/M3	0.95	U
EPD-WA-03-082423	TO-15	75-25-2	BROMOFORM	1.5	U	0.27	1.5	UG/M3	1.5	U
EPD-WA-03-082423	TO-15	74-83-9	BROMOMETHANE	28	U	1.6	28	UG/M3	28	U
EPD-WA-03-082423	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-WA-03-082423	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-03-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-WA-03-082423	TO-15	98-82-8	CUMENE	0.7	U	0.26	0.7	UG/M3	0.70	U
EPD-WA-03-082423	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.48	2.4	UG/M3	2.4	U
EPD-WA-03-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3	1.2	U
EPD-WA-03-082423	TO-15	64-17-5	ETHANOL	2.4	J	0.56	5.4	UG/M3	2.4	J
EPD-WA-03-082423	TO-15	75-69-4	FREON 11	0.96		0.12	0.8	UG/M3	0.96	
EPD-WA-03-082423	TO-15	76-13-1	FREON 113	0.41	J	0.21	1.1	UG/M3	0.41	J
EPD-WA-03-082423	TO-15	142-82-5	HEPTANE	2.9	U	0.45	2.9	UG/M3	2.9	U
EPD-WA-03-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	1.7	7.6	UG/M3	7.6	U
EPD-WA-03-082423	TO-15	110-54-3	HEXANE	2.5	U	0.6	2.5	UG/M3	2.5	U
EPD-WA-03-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.3	J	0.22	0.99	UG/M3	0.30	J
EPD-WA-03-082423	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.21	0.7	UG/M3	0.70	U
EPD-WA-03-082423	TO-15	100-42-5	STYRENE	0.6	U	0.16	0.6	UG/M3	0.60	U
EPD-WA-03-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3	2.1	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U		0.19	0.64 UG/M3	0.64	U
EPD-WA-03-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-WA-03-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			ppbv	0	U,NF
EPD-WA-03-082423	TO-15	NA	UNKNOWN TIC	0.95	NJ			ppbv	0.95	J
EPD-WA-03-082423	TO-15	NA	UNKNOWN TIC	1.1	NJ			ppbv	1.1	J
EPD-WA-03-082423	TO-15	NA	UNKNOWN TIC	0.8	NJ			ppbv	0.80	J
EPD-WA-03-082423	TO-15	NA	UNKNOWN TIC	1.4	J			ppbv	1.4	J
EPD-WA-03-082423	TO-15	NA	UNKNOWN TIC	1	J			ppbv	1.0	J
EPD-WA-03-082423	TO-15	NA	UNKNOWN TIC	0.71	J			ppbv	0.71	J
EPD-WA-03-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U		0.03	0.15 UG/M3	0.15	U
EPD-WA-03-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U		0.051	0.19 UG/M3	0.19	U
EPD-WA-03-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U		0.018	0.15 UG/M3	0.15	U
EPD-WA-03-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U		0.02	0.11 UG/M3	0.11	U
EPD-WA-03-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U		0.028	0.056 UG/M3	0.056	U
EPD-WA-03-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U		0.036	0.22 UG/M3	0.22	U
EPD-WA-03-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04	J		0.0081	0.11 UG/M3	0.040	J
EPD-WA-03-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U		0.061	0.17 UG/M3	0.17	U
EPD-WA-03-082423	TO-15 SIM	71-43-2	BENZENE	0.39			0.018	0.23 UG/M3	0.39	
EPD-WA-03-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41			0.043	0.18 UG/M3	0.41	
EPD-WA-03-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U		0.038	0.19 UG/M3	0.19	U
EPD-WA-03-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.056	J		0.023	0.14 UG/M3	0.056	J
EPD-WA-03-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.77	J		0.26	1.5 UG/M3	0.77	J
EPD-WA-03-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U		0.026	0.11 UG/M3	0.11	U
EPD-WA-03-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.071	J		0.027	0.12 UG/M3	0.071	J
EPD-WA-03-082423	TO-15 SIM	76-14-2	FREON 114	0.09	J		0.064	0.2 UG/M3	0.090	J
EPD-WA-03-082423	TO-15 SIM	75-71-8	FREON 12	1.8			0.037	0.35 UG/M3	1.8	
EPD-WA-03-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.2	J		0.035	0.25 UG/M3	0.20	J
EPD-WA-03-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U		0.031	0.51 UG/M3	0.51	U
EPD-WA-03-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.1	J		0.039	0.37 UG/M3	0.37	U
EPD-WA-03-082423	TO-15 SIM	95-47-6	O-XYLENE	0.079	J		0.036	0.12 UG/M3	0.079	J
EPD-WA-03-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.051	J		0.026	0.19 UG/M3	0.051	J
EPD-WA-03-082423	TO-15 SIM	108-88-3	TOLUENE	0.41			0.038	0.27 UG/M3	0.41	
EPD-WA-03-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U		0.027	0.56 UG/M3	0.56	U
EPD-WA-03-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U		0.012	0.15 UG/M3	0.15	U
EPD-WA-03-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U		0.015	0.036 UG/M3	0.036	U
EPD-WA-04-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U		3.1	5.8 UG/M3	5.8	U
EPD-WA-04-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76	U		0.2	0.76 UG/M3	0.76	U
EPD-WA-04-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93	U		0.18	0.93 UG/M3	0.93	U
EPD-WA-04-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U		0.23	0.72 UG/M3	0.72	U
EPD-WA-04-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U		0.19	0.76 UG/M3	0.76	U
EPD-WA-04-082423	TO-15	106-99-0	1,3-BUTADIENE	0.34	U		0.14	0.34 UG/M3	0.34	U
EPD-WA-04-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93	U		0.2	0.93 UG/M3	0.93	U
EPD-WA-04-082423	TO-15	123-91-1	1,4-DIOXANE	0.56	U		0.16	0.56 UG/M3	0.56	U
EPD-WA-04-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U		1.1	3.6 UG/M3	3.6	U
EPD-WA-04-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.88	J		0.23	2.3 UG/M3	0.88	J
EPD-WA-04-082423	TO-15	591-78-6	2-HEXANONE	3.2	U		0.71	3.2 UG/M3	3.2	U
EPD-WA-04-082423	TO-15	67-63-0	2-PROPANOL	7.6	UJ		0.58	7.6 UG/M3	7.6	UJ
EPD-WA-04-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U		0.67	2.4 UG/M3	2.4	U
EPD-WA-04-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.76	U		0.21	0.76 UG/M3	0.76	U
EPD-WA-04-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U		0.12	0.63 UG/M3	0.63	U
EPD-WA-04-082423	TO-15	67-64-1	ACETONE	6.2	J		1.6	7.4 UG/M3	6.2	J
EPD-WA-04-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U		0.18	0.8 UG/M3	0.80	U
EPD-WA-04-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U		0.22	1 UG/M3	1.0	U
EPD-WA-04-082423	TO-15	75-25-2	BROMOFORM	1.6	U		0.29	1.6 UG/M3	1.6	U
EPD-WA-04-082423	TO-15	74-83-9	BROMOMETHANE	30	U		1.7	30 UG/M3	30	U
EPD-WA-04-082423	TO-15	75-15-0	CARBON DISULFIDE	2.4	U		2.3	2.4 UG/M3	2.4	U
EPD-WA-04-082423	TO-15	108-90-7	CHLOROBENZENE	0.71	U		0.2	0.71 UG/M3	0.71	U
EPD-WA-04-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U		0.12	0.7 UG/M3	0.70	U
EPD-WA-04-082423	TO-15	98-82-8	CUMENE	0.76	U		0.28	0.76 UG/M3	0.76	U
EPD-WA-04-082423	TO-15	110-82-7	CYCLOHEXANE	2.7	U		0.52	2.7 UG/M3	2.7	U
EPD-WA-04-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U		0.21	1.3 UG/M3	1.3	U
EPD-WA-04-082423	TO-15	64-17-5	ETHANOL	4.2	J		0.62	5.8 UG/M3	4.2	J
EPD-WA-04-082423	TO-15	75-69-4	FREON 11	0.9			0.14	0.87 UG/M3	0.90	
EPD-WA-04-082423	TO-15	76-13-1	FREON 113	0.36	J		0.23	1.2 UG/M3	0.36	J
EPD-WA-04-082423	TO-15	142-82-5	HEPTANE	3.2	U		0.49	3.2 UG/M3	3.2	U
EPD-WA-04-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3	U		1.9	8.3 UG/M3	8.3	U
EPD-WA-04-082423	TO-15	110-54-3	HEXANE	2.7	U		0.66	2.7 UG/M3	2.7	U
EPD-WA-04-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.35	J		0.24	1.1 UG/M3	0.35	J
EPD-WA-04-082423	TO-15	103-65-1	PROPYLBENZENE	0.76	U		0.23	0.76 UG/M3	0.76	U
EPD-WA-04-082423	TO-15	100-42-5	STYRENE	0.66	U		0.18	0.66 UG/M3	0.66	U
EPD-WA-04-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U		2.2	2.3 UG/M3	2.3	U
EPD-WA-04-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U		0.21	0.7 UG/M3	0.70	U
EPD-WA-04-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-WA-04-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			ppbv	0	U,NF
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	1.3	NJ			ppbv	1.3	J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	2.1	NJ			ppbv	2.1	J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	1.1	NJ			ppbv	1.1	J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	1.3	NJ			ppbv	1.3	J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	1.2	NJ			ppbv	1.2	J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	2.7	J			ppbv	2.7	J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	2.6	J			ppbv	2.6	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	1.5	J			ppbv		1.5 J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	1.4	J			ppbv		1.4 J
EPD-WA-04-082423	TO-15	NA	UNKNOWN TIC	0.98	J			ppbv		0.98 J
EPD-WA-04-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.033	0.17	UG/M3		0.17 U
EPD-WA-04-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.055	0.21	UG/M3		0.21 U
EPD-WA-04-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.019	0.17	UG/M3		0.17 U
EPD-WA-04-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3		0.12 U
EPD-WA-04-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.031	0.061	UG/M3		0.061 U
EPD-WA-04-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.039	0.24	UG/M3		0.24 U
EPD-WA-04-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041	J	0.0088	0.12	UG/M3		0.041 J
EPD-WA-04-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.067	0.19	UG/M3		0.19 U
EPD-WA-04-082423	TO-15 SIM	71-43-2	BENZENE	0.99		0.02	0.25	UG/M3		0.99
EPD-WA-04-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.047	0.2	UG/M3		0.37
EPD-WA-04-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.042	0.2	UG/M3		0.20 U
EPD-WA-04-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.057	J	0.025	0.15	UG/M3		0.057 J
EPD-WA-04-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.74	J	0.28	1.6	UG/M3		0.74 J
EPD-WA-04-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.029	0.12	UG/M3		0.12 U
EPD-WA-04-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1	J	0.029	0.13	UG/M3		0.10 J
EPD-WA-04-082423	TO-15 SIM	76-14-2	FREON 114	0.086	J	0.07	0.22	UG/M3		0.086 J
EPD-WA-04-082423	TO-15 SIM	75-71-8	FREON 12	1.7		0.04	0.38	UG/M3		1.7
EPD-WA-04-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.31		0.038	0.27	UG/M3		0.31
EPD-WA-04-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.034	0.56	UG/M3		0.56 U
EPD-WA-04-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.084	J	0.043	0.41	UG/M3		0.41 U
EPD-WA-04-082423	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.039	0.13	UG/M3		0.14
EPD-WA-04-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.078	J	0.028	0.21	UG/M3		0.078 J
EPD-WA-04-082423	TO-15 SIM	108-88-3	TOLUENE	0.74		0.042	0.29	UG/M3		0.74
EPD-WA-04-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.03	0.61	UG/M3		0.61 U
EPD-WA-04-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.014	0.17	UG/M3		0.17 U
EPD-WA-04-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.016	0.04	UG/M3		0.040 U
EPD-WA-05-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	2.8	5.3	UG/M3		5.3 U
EPD-WA-05-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7	U	0.19	0.7	UG/M3		0.70 U
EPD-WA-05-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.17	0.85	UG/M3		0.85 U
EPD-WA-05-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.21	0.66	UG/M3		0.66 U
EPD-WA-05-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.17	0.7	UG/M3		0.70 U
EPD-WA-05-082423	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3		0.31 U
EPD-WA-05-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.19	0.85	UG/M3		0.85 U
EPD-WA-05-082423	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3		0.51 U
EPD-WA-05-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.99	3.3	UG/M3		3.3 U
EPD-WA-05-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.52	J	0.21	2.1	UG/M3		0.52 J
EPD-WA-05-082423	TO-15	591-78-6	2-HEXANONE	2.9	U	0.65	2.9	UG/M3		2.9 U
EPD-WA-05-082423	TO-15	67-63-0	2-PROPANOL	7	UJ	0.53	7	UG/M3		7.0 UJ
EPD-WA-05-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.61	2.2	UG/M3		2.2 U
EPD-WA-05-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.7	U	0.2	0.7	UG/M3		0.70 U
EPD-WA-05-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.12	0.58	UG/M3		0.58 U
EPD-WA-05-082423	TO-15	67-64-1	ACETONE	5.4	J	1.5	6.7	UG/M3		5.4 J
EPD-WA-05-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.17	0.74	UG/M3		0.74 U
EPD-WA-05-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.2	0.95	UG/M3		0.95 U
EPD-WA-05-082423	TO-15	75-25-2	BROMOFORM	1.5	U	0.27	1.5	UG/M3		1.5 U
EPD-WA-05-082423	TO-15	74-83-9	BROMOMETHANE	28	U	1.6	28	UG/M3		28 U
EPD-WA-05-082423	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2.1	2.2	UG/M3		2.2 U
EPD-WA-05-082423	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3		0.65 U
EPD-WA-05-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.12	0.64	UG/M3		0.64 U
EPD-WA-05-082423	TO-15	98-82-8	CUMENE	0.7	U	0.26	0.7	UG/M3		0.70 U
EPD-WA-05-082423	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.48	2.4	UG/M3		2.4 U
EPD-WA-05-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.2	1.2	UG/M3		1.2 U
EPD-WA-05-082423	TO-15	64-17-5	ETHANOL	2.3	J	0.56	5.4	UG/M3		2.3 J
EPD-WA-05-082423	TO-15	75-69-4	FREON 11	0.95		0.12	0.8	UG/M3		0.95
EPD-WA-05-082423	TO-15	76-13-1	FREON 113	0.34	J	0.21	1.1	UG/M3		0.34 J
EPD-WA-05-082423	TO-15	142-82-5	HEPTANE	2.9	U	0.45	2.9	UG/M3		2.9 U
EPD-WA-05-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	1.7	7.6	UG/M3		7.6 U
EPD-WA-05-082423	TO-15	110-54-3	HEXANE	2.5	U	0.6	2.5	UG/M3		2.5 U
EPD-WA-05-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.22	0.99	UG/M3		0.45 J
EPD-WA-05-082423	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.21	0.7	UG/M3		0.70 U
EPD-WA-05-082423	TO-15	100-42-5	STYRENE	0.6	U	0.16	0.6	UG/M3		0.60 U
EPD-WA-05-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3		2.1 U
EPD-WA-05-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3		0.64 U
EPD-WA-05-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv		0 U,NF
EPD-WA-05-082423	TO-15	78-78-4	BUTANE, 2-METHYL-	1.4	NJ			ppbv		1.4 NJ
EPD-WA-05-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			ppbv		0 U,NF
EPD-WA-05-082423	TO-15	NA	UNKNOWN TIC	1.3	NJ			ppbv		1.3 J
EPD-WA-05-082423	TO-15	NA	UNKNOWN TIC	0.97	NJ			ppbv		0.97 J
EPD-WA-05-082423	TO-15	NA	UNKNOWN TIC	1.4	J			ppbv		1.4 J
EPD-WA-05-082423	TO-15	NA	UNKNOWN TIC	0.82	J			ppbv		0.82 J
EPD-WA-05-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.03	0.15	UG/M3		0.15 U
EPD-WA-05-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.051	0.19	UG/M3		0.19 U
EPD-WA-05-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3		0.15 U
EPD-WA-05-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.02	0.11	UG/M3		0.11 U
EPD-WA-05-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3		0.056 U
EPD-WA-05-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.036	0.22	UG/M3		0.22 U
EPD-WA-05-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.045	J	0.0081	0.11	UG/M3		0.045 J
EPD-WA-05-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3		0.17 U



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
 EUROFINIS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-082423	TO-15 SIM	71-43-2	BENZENE	0.52		0.018	0.23	UG/M3	0.52	
EPD-WA-05-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.043	0.18	UG/M3	0.42	
EPD-WA-05-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.038	0.19	UG/M3	0.19 U	
EPD-WA-05-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.07 J		0.023	0.14	UG/M3	0.070 J	
EPD-WA-05-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.76 J		0.26	1.5	UG/M3	0.76 J	
EPD-WA-05-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-05-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098 J		0.027	0.12	UG/M3	0.098 J	
EPD-WA-05-082423	TO-15 SIM	76-14-2	FREON 114	0.088 J		0.064	0.2	UG/M3	0.088 J	
EPD-WA-05-082423	TO-15 SIM	75-71-8	FREON 12	1.8		0.037	0.35	UG/M3	1.8	
EPD-WA-05-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.27		0.035	0.25	UG/M3	0.27	
EPD-WA-05-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.031	0.51	UG/M3	0.51 U	
EPD-WA-05-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.06 J		0.039	0.37	UG/M3	0.37 U	
EPD-WA-05-082423	TO-15 SIM	95-47-6	O-XYLENE	0.11 J		0.036	0.12	UG/M3	0.11 J	
EPD-WA-05-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.071 J		0.026	0.19	UG/M3	0.071 J	
EPD-WA-05-082423	TO-15 SIM	108-88-3	TOLUENE	0.78		0.038	0.27	UG/M3	0.78	
EPD-WA-05-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.027	0.56	UG/M3	0.56 U	
EPD-WA-05-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-05-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.015	0.036	UG/M3	0.036 U	
EPD-WA-06-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		2.8	5.2	UG/M3	5.2 U	
EPD-WA-06-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68 U		0.18	0.68	UG/M3	0.68 U	
EPD-WA-06-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.17	0.84	UG/M3	0.84 U	
EPD-WA-06-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.2	0.64	UG/M3	0.64 U	
EPD-WA-06-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.17	0.68	UG/M3	0.68 U	
EPD-WA-06-082423	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-WA-06-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-WA-06-082423	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.15	0.5	UG/M3	0.50 U	
EPD-WA-06-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.96	3.2	UG/M3	3.2 U	
EPD-WA-06-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.61 J		0.2	2	UG/M3	0.61 J	
EPD-WA-06-082423	TO-15	591-78-6	2-HEXANONE	2.8 U		0.64	2.8	UG/M3	2.8 U	
EPD-WA-06-082423	TO-15	67-63-0	2-PROPANOL	6.8 UJ		0.52	6.8	UG/M3	6.8 UJ	
EPD-WA-06-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-06-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-WA-06-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.11	0.57	UG/M3	0.57 U	
EPD-WA-06-082423	TO-15	67-64-1	ACETONE	12 J0		1.5	6.6	UG/M3	12 J	
EPD-WA-06-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.16	0.72	UG/M3	0.72 U	
EPD-WA-06-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93 U		0.2	0.93	UG/M3	0.93 U	
EPD-WA-06-082423	TO-15	75-25-2	BROMOFORM	1.4 U		0.26	1.4	UG/M3	1.4 U	
EPD-WA-06-082423	TO-15	74-83-9	BROMOMETHANE	27 U		1.6	27	UG/M3	27 U	
EPD-WA-06-082423	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		2	2.2	UG/M3	2.2 U	
EPD-WA-06-082423	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-06-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.11	0.63	UG/M3	0.63 U	
EPD-WA-06-082423	TO-15	98-82-8	CUMENE	0.68 U		0.25	0.68	UG/M3	0.68 U	
EPD-WA-06-082423	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.47	2.4	UG/M3	2.4 U	
EPD-WA-06-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.19	1.2	UG/M3	1.2 U	
EPD-WA-06-082423	TO-15	64-17-5	ETHANOL	2.9 J		0.55	5.2	UG/M3	2.9 J	
EPD-WA-06-082423	TO-15	75-69-4	FREON 11	1		0.12	0.78	UG/M3	1.0	
EPD-WA-06-082423	TO-15	76-13-1	FREON 113	0.42 J		0.2	1.1	UG/M3	0.42 J	
EPD-WA-06-082423	TO-15	142-82-5	HEPTANE	2.8 U		0.44	2.8	UG/M3	2.8 U	
EPD-WA-06-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		1.7	7.4	UG/M3	7.4 U	
EPD-WA-06-082423	TO-15	110-54-3	HEXANE	2.4 U		0.59	2.4	UG/M3	2.4 U	
EPD-WA-06-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.49 J		0.22	0.96	UG/M3	0.49 J	
EPD-WA-06-082423	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-WA-06-082423	TO-15	100-42-5	STYRENE	0.59 U		0.16	0.59	UG/M3	0.59 U	
EPD-WA-06-082423	TO-15	109-99-9	TETRAHYDROFURAN	2 U		1.9	2	UG/M3	2.0 U	
EPD-WA-06-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-WA-06-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-06-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1 NJ				ppbv	1.0 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1 NJ				ppbv	1.0 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1.1 NJ				ppbv	1.1 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	2.6 NJ				ppbv	2.6 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	0.84 NJ				ppbv	0.84 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	0.9 NJ				ppbv	0.90 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1.2 NJ				ppbv	1.2 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1.4 J				ppbv	1.4 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1.1 J				ppbv	1.1 J	
EPD-WA-06-082423	TO-15	NA	UKNOWN TIC	1.9 J				ppbv	1.9 J	
EPD-WA-06-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-WA-06-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.05	0.19	UG/M3	0.19 U	
EPD-WA-06-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.017	0.15	UG/M3	0.15 U	
EPD-WA-06-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.02	0.11	UG/M3	0.11 U	
EPD-WA-06-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.028	0.055	UG/M3	0.055 U	
EPD-WA-06-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.035	0.21	UG/M3	0.21 U	
EPD-WA-06-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046 J		0.0079	0.11	UG/M3	0.046 J	
EPD-WA-06-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-WA-06-082423	TO-15 SIM	71-43-2	BENZENE	0.51		0.018	0.22	UG/M3	0.51	
EPD-WA-06-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.042	0.17	UG/M3	0.42	
EPD-WA-06-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.037	0.18	UG/M3	0.18 U	
EPD-WA-06-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.063 J		0.022	0.14	UG/M3	0.063 J	
EPD-WA-06-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.75 J		0.25	1.4	UG/M3	0.75 J	
EPD-WA-06-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.026	0.11	UG/M3	0.11 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.088 J		0.026	0.12	UG/M3	0.088 J	
EPD-WA-06-082423	TO-15 SIM	76-14-2	FREON 114	0.087 J		0.063	0.19	UG/M3	0.087 J	
EPD-WA-06-082423	TO-15 SIM	75-71-8	FREON 12	1.8		0.036	0.34	UG/M3	1.8	
EPD-WA-06-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24		0.034	0.24	UG/M3	0.24	
EPD-WA-06-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.03	0.5	UG/M3	0.50 U	
EPD-WA-06-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.16 J		0.038	0.36	UG/M3	0.36 U	
EPD-WA-06-082423	TO-15 SIM	95-47-6	O-XYLENE	0.099 J		0.035	0.12	UG/M3	0.099 J	
EPD-WA-06-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.043 J		0.025	0.19	UG/M3	0.043 J	
EPD-WA-06-082423	TO-15 SIM	108-88-3	TOLUENE	0.55		0.037	0.26	UG/M3	0.55	
EPD-WA-06-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.14 J		0.026	0.55	UG/M3	0.14 J	
EPD-WA-06-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-06-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.014	0.036	UG/M3	0.036 U	
EPD-WA-44-082423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		3	5.6	UG/M3	5.6 U	
EPD-WA-44-082423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.2	0.74	UG/M3	0.74 U	
EPD-WA-44-082423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.18	0.91	UG/M3	0.91 U	
EPD-WA-44-082423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.22	0.7	UG/M3	0.70 U	
EPD-WA-44-082423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74 U	
EPD-WA-44-082423	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	
EPD-WA-44-082423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.2	0.91	UG/M3	0.91 U	
EPD-WA-44-082423	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54 U	
EPD-WA-44-082423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5 U	
EPD-WA-44-082423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.3 J		0.22	2.2	UG/M3	1.3 J	
EPD-WA-44-082423	TO-15	591-78-6	2-HEXANONE	3.1 U		0.7	3.1	UG/M3	3.1 U	
EPD-WA-44-082423	TO-15	67-63-0	2-PROPANOL	0.86 J		0.57	7.4	UG/M3	0.86 J	
EPD-WA-44-082423	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.65	2.4	UG/M3	2.4 U	
EPD-WA-44-082423	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-44-082423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-WA-44-082423	TO-15	67-64-1	ACETONE	16 J0		1.6	7.2	UG/M3	16 J	
EPD-WA-44-082423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.18	0.78	UG/M3	0.78 U	
EPD-WA-44-082423	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.22	1	UG/M3	1.0 U	
EPD-WA-44-082423	TO-15	75-25-2	BROMOFORM	1.6 U		0.28	1.6	UG/M3	1.6 U	
EPD-WA-44-082423	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29 U	
EPD-WA-44-082423	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		2.2	2.4	UG/M3	2.4 U	
EPD-WA-44-082423	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.2	0.7	UG/M3	0.70 U	
EPD-WA-44-082423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-WA-44-082423	TO-15	98-82-8	CUMENE	0.74 U		0.27	0.74	UG/M3	0.74 U	
EPD-WA-44-082423	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.51	2.6	UG/M3	2.6 U	
EPD-WA-44-082423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.21	1.3	UG/M3	1.3 U	
EPD-WA-44-082423	TO-15	64-17-5	ETHANOL	4.4 J		0.6	5.7	UG/M3	4.4 J	
EPD-WA-44-082423	TO-15	75-69-4	FREON 11	0.93		0.13	0.85	UG/M3	0.93	
EPD-WA-44-082423	TO-15	76-13-1	FREON 113	0.34 J		0.22	1.2	UG/M3	0.34 J	
EPD-WA-44-082423	TO-15	142-82-5	HEPTANE	3.1 U		0.48	3.1	UG/M3	3.1 U	
EPD-WA-44-082423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8 U		1.9	8	UG/M3	8.0 U	
EPD-WA-44-082423	TO-15	110-54-3	HEXANE	2.7 U		0.64	2.7	UG/M3	2.7 U	
EPD-WA-44-082423	TO-15	75-09-2	METHYLENE CHLORIDE	0.56 J		0.23	1	UG/M3	0.56 J	
EPD-WA-44-082423	TO-15	103-65-1	PROPYLBENZENE	0.74 U		0.22	0.74	UG/M3	0.74 U	
EPD-WA-44-082423	TO-15	100-42-5	STYRENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-WA-44-082423	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-44-082423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-WA-44-082423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-44-082423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				ppbv	0 U,NF	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	1.1 NJ				ppbv	1.1 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	1.1 NJ				ppbv	1.1 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	1.4 NJ				ppbv	1.4 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	0.97 NJ				ppbv	0.97 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	1.1 NJ				ppbv	1.1 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	3.1 J				ppbv	3.1 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	0.88 J				ppbv	0.88 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	0.85 J				ppbv	0.85 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	0.76 J				ppbv	0.76 J	
EPD-WA-44-082423	TO-15	NA	UKNOWN TIC	0.9 J				ppbv	0.90 J	
EPD-WA-44-082423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.032	0.16	UG/M3	0.16 U	
EPD-WA-44-082423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.054	0.21	UG/M3	0.21 U	
EPD-WA-44-082423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.019	0.16	UG/M3	0.16 U	
EPD-WA-44-082423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.022	0.12	UG/M3	0.12 U	
EPD-WA-44-082423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06 U		0.03	0.06	UG/M3	0.060 U	
EPD-WA-44-082423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-WA-44-082423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.041 J		0.0086	0.12	UG/M3	0.041 J	
EPD-WA-44-082423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.065	0.18	UG/M3	0.18 U	
EPD-WA-44-082423	TO-15 SIM	71-43-2	BENZENE	1		0.019	0.24	UG/M3	1.0	
EPD-WA-44-082423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.046	0.19	UG/M3	0.36	
EPD-WA-44-082423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-44-082423	TO-15 SIM	67-66-3	CHLOROFORM	0.064 J		0.024	0.15	UG/M3	0.064 J	
EPD-WA-44-082423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.73 J		0.28	1.6	UG/M3	0.73 J	
EPD-WA-44-082423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.028	0.12	UG/M3	0.12 U	
EPD-WA-44-082423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.029	0.13	UG/M3	0.10 J	
EPD-WA-44-082423	TO-15 SIM	76-14-2	FREON 114	0.079 J		0.068	0.21	UG/M3	0.079 J	
EPD-WA-44-082423	TO-15 SIM	75-71-8	FREON 12	1.7		0.04	0.37	UG/M3	1.7	
EPD-WA-44-082423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.32		0.037	0.26	UG/M3	0.32	
EPD-WA-44-082423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.033	0.54	UG/M3	0.54 U	
EPD-WA-44-082423	TO-15 SIM	91-20-3	NAPHTHALENE	0.084 J		0.042	0.4	UG/M3	0.40 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
 EUROFINS AIR TOXICS, LLC REPORT NO. 2308548

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-082423	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.038	0.13	UG/M3	0.13	
EPD-WA-44-082423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.079	J	0.027	0.2	UG/M3	0.079	J
EPD-WA-44-082423	TO-15 SIM	108-88-3	TOLUENE	0.71		0.04	0.28	UG/M3	0.71	
EPD-WA-44-082423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.52	J	0.029	0.6	UG/M3	0.52	J
EPD-WA-44-082423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.016	J	0.013	0.16	UG/M3	0.016	J
EPD-WA-44-082423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.016	0.038	UG/M3	0.038	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>	2117d		
<b>Laboratory Report No.</b>	2308573	<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>	08/25/2023		
<b>Field Duplicate Pairs</b>	EPD-WA-03-082523 / EPD-WA-33-082523		
<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) were not provided in the Level II laboratory report. The lab provided the RPDs separately. No qualifications were applied.

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

**Sample preservation, receipt, and holding times:**

Within Criteria	Exceedance/Notes
N	<p>The residual canister receipt vacuum values in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury ("Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The field-measured residual vacuum for EPD-WA-02-0825 was -13 "Hg and for EPD-WA-05-082523 was -11 "Hg and the laboratory-measure residual vacuums were -14.1 "Hg and -12.6 "Hg, respectively. This high residual vacuum means that the canister did not fill sufficiently and may not be representative of the full collection period and therefore the analytical results should be used with caution.</p>

**Method blanks:**

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2308573-10A): Acetone was detected in the method blank at a level between the MDL and RL. The acetone results in all samples were greater than the RL and greater than ten times the blank level, therefore no qualifications were applied.</p> <p>TO-15 SIM (2308573-10B): 1,4-Dichlorobenzene, m,p-xylene, naphthalene, and o-xylene were detected in the method blank at levels between the MDLs and RLs. The results for m,p-xylene in samples EPD-WA-01-082523, EPD-WA-02-082523, EPD-WA-06-082523, EPD-UW-F-082523, EPD-WA-03-082523, EPD-WA-33-082523, and EPD-DW-B-082523, the naphthalene results in samples EPD-WA-03-082523 and EPD-WA-33-082523, and the o-xylene results in samples EPD-WA-01-082523, EPD-WA-02-082523, EPD-WA-06-082523, EPD-UW-F-082523, EPD-WA-05-082523, EPD-WA-03-082523, EPD-WA-33-082523, and EPD-DW-B-082523 were less than the RL, therefore the sample results were raised to the RL and qualified as nondetect (flagged U). All other sample results for the affected analytes were either nondetect, or greater than the RL and greater than ten times the blank levels, therefore no qualifications were applied.</p>

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

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
Y	

**MS/MSDs:**

Within Criteria	Exceedance/Notes
NA	

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
NA	

**Field duplicates:**

Within Criteria	Exceedance/Notes
Y	

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2308573-12B): The percent recovery of 1,4-dichlorobenzene was less than the site-specific QAPP acceptance criteria in the LCSD. The 1,4-dichlorobenzene results in all samples were qualified as estimated (flagged UJ).

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

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-B-082523 was 1.53</li> <li>• EPD-UW-F-082523 was 1.55</li> <li>• EPD-WA-01-082523 was 1.59</li> <li>• EPD-WA-02-082523 was 2.19</li> <li>• EPD-WA-03-082523 was 1.56</li> <li>• EPD-WA-04-082523 was 1.57</li> <li>• EPD-WA-05-082523 was 1.95</li> <li>• EPD-WA-06-082523 was 1.45</li> <li>• EPD-WA-33-082523 was 1.52</li> </ul>

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

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

**Other [Continuing Calibration]:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	CCV (2308673-11B) had a low percent recovery for 1,4-dichlorobenzene. The 1,4-dichlorobenzene result in all samples 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. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	1.2	5.7	UG/M3	5.7	U
EPD-DW-B-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.75	U	0.18	0.75	UG/M3	0.75	U
EPD-DW-B-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	0.14	0.92	UG/M3	0.92	U
EPD-DW-B-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-DW-B-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.15	0.75	UG/M3	0.75	U
EPD-DW-B-082523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.046	0.34	UG/M3	0.34	U
EPD-DW-B-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	0.092	0.92	UG/M3	0.92	U
EPD-DW-B-082523	TO-15	123-91-1	1,4-DIOXANE	0.094	J	0.08	0.55	UG/M3	0.094	J
EPD-DW-B-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.23	3.6	UG/M3	3.6	U
EPD-DW-B-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.9		0.39	2.2	UG/M3	2.9	
EPD-DW-B-082523	TO-15	591-78-6	2-HEXANONE	3.1	U	0.6	3.1	UG/M3	3.1	U
EPD-DW-B-082523	TO-15	67-63-0	2-PROPANOL	7.5	U	0.18	7.5	UG/M3	7.5	U
EPD-DW-B-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-DW-B-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.75	U	0.13	0.75	UG/M3	0.75	U
EPD-DW-B-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.19	0.63	UG/M3	0.63	U
EPD-DW-B-082523	TO-15	67-64-1	ACETONE	9.2		0.54	7.3	UG/M3	9.2	
EPD-DW-B-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.23	0.79	UG/M3	0.79	U
EPD-DW-B-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-DW-B-082523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-DW-B-082523	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-DW-B-082523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.1	2.4	UG/M3	2.4	U
EPD-DW-B-082523	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.081	0.7	UG/M3	0.70	U
EPD-DW-B-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.19	0.69	UG/M3	0.69	U
EPD-DW-B-082523	TO-15	98-82-8	CUMENE	0.75	U	0.069	0.75	UG/M3	0.75	U
EPD-DW-B-082523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-DW-B-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-DW-B-082523	TO-15	64-17-5	ETHANOL	5.8	U	0.73	5.8	UG/M3	5.8	U
EPD-DW-B-082523	TO-15	75-69-4	FREON 11	1.3		0.13	0.86	UG/M3	1.3	
EPD-DW-B-082523	TO-15	76-13-1	FREON 113	0.52	J	0.12	1.2	UG/M3	0.52	J
EPD-DW-B-082523	TO-15	142-82-5	HEPTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-DW-B-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	0.54	8.2	UG/M3	8.2	U
EPD-DW-B-082523	TO-15	110-54-3	HEXANE	2.7	U	0.24	2.7	UG/M3	2.7	U
EPD-DW-B-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.51	J	0.33	1.1	UG/M3	0.51	J
EPD-DW-B-082523	TO-15	103-65-1	PROPYLBENZENE	0.75	U	0.17	0.75	UG/M3	0.75	U
EPD-DW-B-082523	TO-15	100-42-5	STYRENE	0.65	U	0.1	0.65	UG/M3	0.65	U
EPD-DW-B-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-DW-B-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-DW-B-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-DW-B-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0	U			ppbv	0	U,NF
EPD-DW-B-082523	TO-15	NA	UNKNOWN TIC	0.78	J			ppbv	0.78	J
EPD-DW-B-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-DW-B-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.089	0.21	UG/M3	0.21	U
EPD-DW-B-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.058	0.17	UG/M3	0.17	U
EPD-DW-B-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.018	0.12	UG/M3	0.12	U
EPD-DW-B-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.023	0.061	UG/M3	0.061	U
EPD-DW-B-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.083	0.24	UG/M3	0.24	U
EPD-DW-B-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.036	J	0.032	0.12	UG/M3	0.036	J
EPD-DW-B-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.065	0.18	UG/M3	0.18	UJ
EPD-DW-B-082523	TO-15 SIM	71-43-2	BENZENE	0.19	J	0.028	0.24	UG/M3	0.19	J
EPD-DW-B-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.041	0.19	UG/M3	0.50	
EPD-DW-B-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-DW-B-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.022	0.15	UG/M3	0.068	J
EPD-DW-B-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.32	1.6	UG/M3	0.92	J
EPD-DW-B-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-DW-B-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.041	J	0.013	0.13	UG/M3	0.041	J
EPD-DW-B-082523	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-DW-B-082523	TO-15 SIM	75-71-8	FREON 12	2.3		0.028	0.38	UG/M3	2.3	
EPD-DW-B-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.12	J	0.0081	0.26	UG/M3	0.12	U
EPD-DW-B-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.015	0.55	UG/M3	0.55	U
EPD-DW-B-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.4	U	0.12	0.4	UG/M3	0.40	U
EPD-DW-B-082523	TO-15 SIM	95-47-6	O-XYLENE	0.049	J	0.011	0.13	UG/M3	0.13	U
EPD-DW-B-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.11	0.21	UG/M3	0.21	U
EPD-DW-B-082523	TO-15 SIM	108-88-3	TOLUENE	0.26	J	0.015	0.29	UG/M3	0.26	J
EPD-DW-B-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.014	0.61	UG/M3	0.61	U
EPD-DW-B-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-DW-B-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.011	0.039	UG/M3	0.039	U
EPD-UW-F-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-UW-F-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.76	U	0.18	0.76	UG/M3	0.76	U
EPD-UW-F-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93	U	0.15	0.93	UG/M3	0.93	U
EPD-UW-F-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-UW-F-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-UW-F-082523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U
EPD-UW-F-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93	U	0.093	0.93	UG/M3	0.93	U
EPD-UW-F-082523	TO-15	123-91-1	1,4-DIOXANE	0.56	U	0.081	0.56	UG/M3	0.56	U
EPD-UW-F-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.24	J	0.24	3.6	UG/M3	0.24	J
EPD-UW-F-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.3	J	0.39	2.3	UG/M3	1.3	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-082523	TO-15	591-78-6	2-HEXANONE	3.2 U		0.6	3.2	UG/M3	3.2 U	
EPD-UW-F-082523	TO-15	67-63-0	2-PROPANOL	4.9 J		0.18	7.6	UG/M3	4.9 J	
EPD-UW-F-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.21	2.4	UG/M3	2.4 U	
EPD-UW-F-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.76 U		0.13	0.76	UG/M3	0.76 U	
EPD-UW-F-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63 U		0.19	0.63	UG/M3	0.63 U	
EPD-UW-F-082523	TO-15	67-64-1	ACETONE	21		0.55	7.4	UG/M3	21	
EPD-UW-F-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8 U		0.23	0.8	UG/M3	0.80 U	
EPD-UW-F-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-UW-F-082523	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-UW-F-082523	TO-15	74-83-9	BROMOMETHANE	30 U		1.4	30	UG/M3	30 U	
EPD-UW-F-082523	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.11	2.4	UG/M3	2.4 U	
EPD-UW-F-082523	TO-15	108-90-7	CHLOROENZENE	0.71 U		0.082	0.71	UG/M3	0.71 U	
EPD-UW-F-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7 U		0.19	0.7	UG/M3	0.70 U	
EPD-UW-F-082523	TO-15	98-82-8	CUMENE	0.76 U		0.07	0.76	UG/M3	0.76 U	
EPD-UW-F-082523	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45	2.7	UG/M3	2.7 U	
EPD-UW-F-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.19	1.3	UG/M3	1.3 U	
EPD-UW-F-082523	TO-15	64-17-5	ETHANOL	2.3 J		0.74	5.8	UG/M3	2.3 J	
EPD-UW-F-082523	TO-15	75-69-4	FREON 11	1.3		0.13	0.87	UG/M3	1.3	
EPD-UW-F-082523	TO-15	76-13-1	FREON 113	0.42 J		0.12	1.2	UG/M3	0.42 J	
EPD-UW-F-082523	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-UW-F-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.54	8.3	UG/M3	8.3 U	
EPD-UW-F-082523	TO-15	110-54-3	HEXANE	2.7 U		0.25	2.7	UG/M3	2.7 U	
EPD-UW-F-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.59 J		0.34	1.1	UG/M3	0.59 J	
EPD-UW-F-082523	TO-15	103-65-1	PROPYLBENZENE	0.76 U		0.18	0.76	UG/M3	0.76 U	
EPD-UW-F-082523	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-UW-F-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-UW-F-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-UW-F-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-UW-F-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0 U				ppbv	0 U,NF	
EPD-UW-F-082523	TO-15	NA	UNKNOWN TIC	0.91 J				ppbv	0.91 J	
EPD-UW-F-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	
EPD-UW-F-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21 U		0.09	0.21	UG/M3	0.21 U	
EPD-UW-F-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17 U		0.058	0.17	UG/M3	0.17 U	
EPD-UW-F-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.018	0.12	UG/M3	0.12 U	
EPD-UW-F-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061 U		0.024	0.061	UG/M3	0.061 U	
EPD-UW-F-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24 U		0.084	0.24	UG/M3	0.24 U	
EPD-UW-F-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.035 J		0.032	0.12	UG/M3	0.035 J	
EPD-UW-F-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19 UJ		0.066	0.19	UG/M3	0.19 UJ	
EPD-UW-F-082523	TO-15 SIM	71-43-2	BENZENE	0.24 J		0.028	0.25	UG/M3	0.24 J	
EPD-UW-F-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.041	0.2	UG/M3	0.47	
EPD-UW-F-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.022	0.2	UG/M3	0.20 U	
EPD-UW-F-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.052 J		0.022	0.15	UG/M3	0.052 J	
EPD-UW-F-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.88 J		0.32	1.6	UG/M3	0.88 J	
EPD-UW-F-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-UW-F-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.048 J		0.013	0.13	UG/M3	0.048 J	
EPD-UW-F-082523	TO-15 SIM	76-14-2	FREON 114	0.1 J		0.018	0.22	UG/M3	0.10 J	
EPD-UW-F-082523	TO-15 SIM	75-71-8	FREON 12	2.2		0.028	0.38	UG/M3	2.2	
EPD-UW-F-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16 J		0.0082	0.27	UG/M3	0.27 U	
EPD-UW-F-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56 U		0.015	0.56	UG/M3	0.56 U	
EPD-UW-F-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.41 U		0.12	0.41	UG/M3	0.41 U	
EPD-UW-F-082523	TO-15 SIM	95-47-6	O-XYLENE	0.061 J		0.011	0.13	UG/M3	0.13 U	
EPD-UW-F-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.12	0.21	UG/M3	0.21 U	
EPD-UW-F-082523	TO-15 SIM	108-88-3	TOLUENE	0.34		0.015	0.29	UG/M3	0.34	
EPD-UW-F-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61 U		0.014	0.61	UG/M3	0.61 U	
EPD-UW-F-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.023	0.17	UG/M3	0.17 U	
EPD-UW-F-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.011	0.04	UG/M3	0.040 U	
EPD-WA-01-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9 U		1.3	5.9	UG/M3	5.9 U	
EPD-WA-01-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.78 U		0.19	0.78	UG/M3	0.78 U	
EPD-WA-01-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.96 U		0.15	0.96	UG/M3	0.96 U	
EPD-WA-01-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73 U		0.15	0.73	UG/M3	0.73 U	
EPD-WA-01-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78 U		0.16	0.78	UG/M3	0.78 U	
EPD-WA-01-082523	TO-15	106-99-0	1,3-BUTADIENE	0.35 U		0.048	0.35	UG/M3	0.35 U	
EPD-WA-01-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.96 U		0.095	0.96	UG/M3	0.96 U	
EPD-WA-01-082523	TO-15	123-91-1	1,4-DIOXANE	0.24 J		0.083	0.57	UG/M3	0.24 J	
EPD-WA-01-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.29 J		0.24	3.7	UG/M3	0.29 J	
EPD-WA-01-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2 J		0.4	2.3	UG/M3	2.2 J	
EPD-WA-01-082523	TO-15	591-78-6	2-HEXANONE	3.2 U		0.62	3.2	UG/M3	3.2 U	
EPD-WA-01-082523	TO-15	67-63-0	2-PROPANOL	7.8 U		0.19	7.8	UG/M3	7.8 U	
EPD-WA-01-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-WA-01-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.78 U		0.13	0.78	UG/M3	0.78 U	
EPD-WA-01-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65 U		0.2	0.65	UG/M3	0.65 U	
EPD-WA-01-082523	TO-15	67-64-1	ACETONE	9.9		0.56	7.6	UG/M3	9.9	
EPD-WA-01-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82 U		0.24	0.82	UG/M3	0.82 U	
EPD-WA-01-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.13	1.1	UG/M3	1.1 U	
EPD-WA-01-082523	TO-15	75-25-2	BROMOFORM	1.6 U		0.16	1.6	UG/M3	1.6 U	
EPD-WA-01-082523	TO-15	74-83-9	BROMOMETHANE	31 U		1.5	31	UG/M3	31 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-082523	TO-15	75-15-0	CARBON DISULFIDE	0.14	J	0.11	2.5	UG/M3	0.14	J
EPD-WA-01-082523	TO-15	108-90-7	CHLORO BENZENE	0.73	U	0.084	0.73	UG/M3	0.73	U
EPD-WA-01-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72	U	0.19	0.72	UG/M3	0.72	U
EPD-WA-01-082523	TO-15	98-82-8	CUMENE	0.78	U	0.072	0.78	UG/M3	0.78	U
EPD-WA-01-082523	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.46	2.7	UG/M3	2.7	U
EPD-WA-01-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4	U	0.2	1.4	UG/M3	1.4	U
EPD-WA-01-082523	TO-15	64-17-5	ETHANOL	3	J	0.76	6	UG/M3	3.0	J
EPD-WA-01-082523	TO-15	75-69-4	FREON 11	1.3	J	0.13	0.89	UG/M3	1.3	J
EPD-WA-01-082523	TO-15	76-13-1	FREON 113	0.5	J	0.12	1.2	UG/M3	0.50	J
EPD-WA-01-082523	TO-15	142-82-5	HEPTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-WA-01-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.5	U	0.56	8.5	UG/M3	8.5	U
EPD-WA-01-082523	TO-15	110-54-3	HEXANE	0.35	J	0.25	2.8	UG/M3	0.35	J
EPD-WA-01-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.52	J	0.34	1.1	UG/M3	0.52	J
EPD-WA-01-082523	TO-15	103-65-1	PROPYLENE BENZENE	0.78	U	0.18	0.78	UG/M3	0.78	U
EPD-WA-01-082523	TO-15	100-42-5	STYRENE	0.68	U	0.11	0.68	UG/M3	0.68	U
EPD-WA-01-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.4	2.3	UG/M3	2.3	U
EPD-WA-01-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-01-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-WA-01-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0	U			ppbv	0	U,NF
EPD-WA-01-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.029	J	0.023	0.17	UG/M3	0.029	J
EPD-WA-01-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.093	0.22	UG/M3	0.22	U
EPD-WA-01-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-WA-01-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-01-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063	U	0.024	0.063	UG/M3	0.063	U
EPD-WA-01-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.086	0.24	UG/M3	0.24	U
EPD-WA-01-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033	J	0.033	0.13	UG/M3	0.033	J
EPD-WA-01-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	UJ	0.068	0.19	UG/M3	0.19	UJ
EPD-WA-01-082523	TO-15 SIM	71-43-2	BENZENE	0.27	J	0.029	0.25	UG/M3	0.27	J
EPD-WA-01-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46	J	0.042	0.2	UG/M3	0.46	J
EPD-WA-01-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.023	0.21	UG/M3	0.21	U
EPD-WA-01-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.051	J	0.023	0.16	UG/M3	0.051	J
EPD-WA-01-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.83	J	0.33	1.6	UG/M3	0.83	J
EPD-WA-01-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.13	U	0.012	0.13	UG/M3	0.13	U
EPD-WA-01-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.064	J	0.013	0.14	UG/M3	0.064	J
EPD-WA-01-082523	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.018	0.22	UG/M3	0.11	J
EPD-WA-01-082523	TO-15 SIM	75-71-8	FREON 12	2.2	J	0.029	0.39	UG/M3	2.2	J
EPD-WA-01-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.21	J	0.0084	0.28	UG/M3	0.28	U
EPD-WA-01-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	0.016	0.57	UG/M3	0.57	U
EPD-WA-01-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.42	U	0.12	0.42	UG/M3	0.42	U
EPD-WA-01-082523	TO-15 SIM	95-47-6	O-XYLENE	0.082	J	0.012	0.14	UG/M3	0.14	U
EPD-WA-01-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.22	U	0.12	0.22	UG/M3	0.22	U
EPD-WA-01-082523	TO-15 SIM	108-88-3	TOLUENE	0.41	J	0.016	0.3	UG/M3	0.41	J
EPD-WA-01-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.63	U	0.014	0.63	UG/M3	0.63	U
EPD-WA-01-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-01-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.041	U	0.012	0.041	UG/M3	0.041	U
EPD-WA-02-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	8.1	U	1.8	8.1	UG/M3	8.1	U
EPD-WA-02-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	1.1	U	0.26	1.1	UG/M3	1.1	U
EPD-WA-02-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	1.3	U	0.21	1.3	UG/M3	1.3	U
EPD-WA-02-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	1	U	0.21	1	UG/M3	1.0	U
EPD-WA-02-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	1.1	U	0.22	1.1	UG/M3	1.1	U
EPD-WA-02-082523	TO-15	106-99-0	1,3-BUTADIENE	0.48	U	0.067	0.48	UG/M3	0.48	U
EPD-WA-02-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	1.3	U	0.13	1.3	UG/M3	1.3	U
EPD-WA-02-082523	TO-15	123-91-1	1,4-DIOXANE	0.79	U	0.11	0.79	UG/M3	0.79	U
EPD-WA-02-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	5.1	U	0.33	5.1	UG/M3	5.1	U
EPD-WA-02-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.4	J	0.55	3.2	UG/M3	1.4	J
EPD-WA-02-082523	TO-15	591-78-6	2-HEXANONE	4.5	U	0.85	4.5	UG/M3	4.5	U
EPD-WA-02-082523	TO-15	67-63-0	2-PROPANOL	11	U	0.26	11	UG/M3	11	U
EPD-WA-02-082523	TO-15	107-05-1	3-CHLOROPROPENE	3.4	U	0.3	3.4	UG/M3	3.4	U
EPD-WA-02-082523	TO-15	622-96-8	4-ETHYLTOLUENE	1.1	U	0.18	1.1	UG/M3	1.1	U
EPD-WA-02-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.9	U	0.27	0.9	UG/M3	0.90	U
EPD-WA-02-082523	TO-15	67-64-1	ACETONE	17	J	0.78	10	UG/M3	17	J
EPD-WA-02-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	1.1	U	0.33	1.1	UG/M3	1.1	U
EPD-WA-02-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1.5	U	0.18	1.5	UG/M3	1.5	U
EPD-WA-02-082523	TO-15	75-25-2	BROMOFORM	2.3	U	0.22	2.3	UG/M3	2.3	U
EPD-WA-02-082523	TO-15	74-83-9	BROMOMETHANE	42	U	2	42	UG/M3	42	U
EPD-WA-02-082523	TO-15	75-15-0	CARBON DISULFIDE	3.4	U	0.15	3.4	UG/M3	3.4	U
EPD-WA-02-082523	TO-15	108-90-7	CHLORO BENZENE	1	U	0.12	1	UG/M3	1.0	U
EPD-WA-02-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.99	U	0.27	0.99	UG/M3	0.99	U
EPD-WA-02-082523	TO-15	98-82-8	CUMENE	1.1	U	0.099	1.1	UG/M3	1.1	U
EPD-WA-02-082523	TO-15	110-82-7	CYCLOHEXANE	3.8	U	0.64	3.8	UG/M3	3.8	U
EPD-WA-02-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.9	U	0.27	1.9	UG/M3	1.9	U
EPD-WA-02-082523	TO-15	64-17-5	ETHANOL	2.8	J	1	8.2	UG/M3	2.8	J
EPD-WA-02-082523	TO-15	75-69-4	FREON 11	1.3	J	0.18	1.2	UG/M3	1.3	J
EPD-WA-02-082523	TO-15	76-13-1	FREON 113	0.58	J	0.17	1.7	UG/M3	0.58	J
EPD-WA-02-082523	TO-15	142-82-5	HEPTANE	4.5	U	0.62	4.5	UG/M3	4.5	U
EPD-WA-02-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	12	U	0.77	12	UG/M3	12	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-082523	TO-15	110-54-3	HEXANE	3.8 U		0.35	3.8	UG/M3	3.8 U	
EPD-WA-02-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.52 J		0.47	1.5	UG/M3	0.52 J	
EPD-WA-02-082523	TO-15	103-65-1	PROPYLBENZENE	1.1 U		0.25	1.1	UG/M3	1.1 U	
EPD-WA-02-082523	TO-15	100-42-5	STYRENE	0.93 U		0.15	0.93	UG/M3	0.93 U	
EPD-WA-02-082523	TO-15	109-99-9	TETRAHYDROFURAN	3.2 U		0.55	3.2	UG/M3	3.2 U	
EPD-WA-02-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.99 U		0.2	0.99	UG/M3	0.99 U	
EPD-WA-02-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-02-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0 U				ppbv	0 U,NF	
EPD-WA-02-082523	TO-15	NA	UNKNOWN TIC	1.3 J				ppbv	1.3 J	
EPD-WA-02-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.24 U		0.031	0.24	UG/M3	0.24 U	
EPD-WA-02-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.3 U		0.13	0.3	UG/M3	0.30 U	
EPD-WA-02-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.24 U		0.082	0.24	UG/M3	0.24 U	
EPD-WA-02-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.18 U		0.025	0.18	UG/M3	0.18 U	
EPD-WA-02-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.087 U		0.033	0.087	UG/M3	0.087 U	
EPD-WA-02-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.34 U		0.12	0.34	UG/M3	0.34 U	
EPD-WA-02-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.18 U		0.045	0.18	UG/M3	0.18 U	
EPD-WA-02-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.26 UJ		0.093	0.26	UG/M3	0.26 UJ	
EPD-WA-02-082523	TO-15 SIM	71-43-2	BENZENE	0.34 J		0.04	0.35	UG/M3	0.34 J	
EPD-WA-02-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.058	0.28	UG/M3	0.49	
EPD-WA-02-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.29 U		0.032	0.29	UG/M3	0.29 U	
EPD-WA-02-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.057 J		0.031	0.21	UG/M3	0.057 J	
EPD-WA-02-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.97 J		0.46	2.3	UG/M3	0.97 J	
EPD-WA-02-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.17 U		0.016	0.17	UG/M3	0.17 U	
EPD-WA-02-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.088 J		0.018	0.19	UG/M3	0.088 J	
EPD-WA-02-082523	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.025	0.31	UG/M3	0.12 J	
EPD-WA-02-082523	TO-15 SIM	75-71-8	FREON 12	2.3		0.04	0.54	UG/M3	2.3	
EPD-WA-02-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3 J		0.012	0.38	UG/M3	0.38 U	
EPD-WA-02-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.79 U		0.022	0.79	UG/M3	0.79 U	
EPD-WA-02-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.57 U		0.17	0.57	UG/M3	0.57 U	
EPD-WA-02-082523	TO-15 SIM	95-47-6	O-XYLENE	0.1 J		0.016	0.19	UG/M3	0.19 U	
EPD-WA-02-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.3 U		0.16	0.3	UG/M3	0.30 U	
EPD-WA-02-082523	TO-15 SIM	108-88-3	TOLUENE	0.43		0.021	0.41	UG/M3	0.43	
EPD-WA-02-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.87 U		0.02	0.87	UG/M3	0.87 U	
EPD-WA-02-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.24 U		0.032	0.24	UG/M3	0.24 U	
EPD-WA-02-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.056 U		0.016	0.056	UG/M3	0.056 U	
EPD-WA-03-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8 U		1.3	5.8	UG/M3	5.8 U	
EPD-WA-03-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.77 U		0.18	0.77	UG/M3	0.77 U	
EPD-WA-03-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94 U		0.15	0.94	UG/M3	0.94 U	
EPD-WA-03-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-WA-03-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77 U		0.15	0.77	UG/M3	0.77 U	
EPD-WA-03-082523	TO-15	106-99-0	1,3-BUTADIENE	0.34 U		0.047	0.34	UG/M3	0.34 U	
EPD-WA-03-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94 U		0.093	0.94	UG/M3	0.94 U	
EPD-WA-03-082523	TO-15	123-91-1	1,4-DIOXANE	0.14 J		0.081	0.56	UG/M3	0.14 J	
EPD-WA-03-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.26 J		0.24	3.6	UG/M3	0.26 J	
EPD-WA-03-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1 J		0.39	2.3	UG/M3	1.1 J	
EPD-WA-03-082523	TO-15	591-78-6	2-HEXANONE	3.2 U		0.61	3.2	UG/M3	3.2 U	
EPD-WA-03-082523	TO-15	67-63-0	2-PROPANOL	7.7 U		0.18	7.7	UG/M3	7.7 U	
EPD-WA-03-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.4 U		0.22	2.4	UG/M3	2.4 U	
EPD-WA-03-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.77 U		0.13	0.77	UG/M3	0.77 U	
EPD-WA-03-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.31 J		0.2	0.64	UG/M3	0.31 J	
EPD-WA-03-082523	TO-15	67-64-1	ACETONE	11		0.56	7.4	UG/M3	11	
EPD-WA-03-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81 U		0.23	0.81	UG/M3	0.81 U	
EPD-WA-03-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-03-082523	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-WA-03-082523	TO-15	74-83-9	BROMOMETHANE	30 U		1.4	30	UG/M3	30 U	
EPD-WA-03-082523	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.11	2.4	UG/M3	2.4 U	
EPD-WA-03-082523	TO-15	108-90-7	CHLOROBENZENE	0.72 U		0.083	0.72	UG/M3	0.72 U	
EPD-WA-03-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71 U		0.19	0.71	UG/M3	0.71 U	
EPD-WA-03-082523	TO-15	98-82-8	CUMENE	0.77 U		0.071	0.77	UG/M3	0.77 U	
EPD-WA-03-082523	TO-15	110-82-7	CYCLOHEXANE	2.7 U		0.45	2.7	UG/M3	2.7 U	
EPD-WA-03-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.2	1.3	UG/M3	1.3 U	
EPD-WA-03-082523	TO-15	64-17-5	ETHANOL	3.1 J		0.75	5.9	UG/M3	3.1 J	
EPD-WA-03-082523	TO-15	75-69-4	FREON 11	1.3		0.13	0.88	UG/M3	1.3	
EPD-WA-03-082523	TO-15	76-13-1	FREON 113	0.5 J		0.12	1.2	UG/M3	0.50 J	
EPD-WA-03-082523	TO-15	142-82-5	HEPTANE	3.2 U		0.44	3.2	UG/M3	3.2 U	
EPD-WA-03-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3 U		0.55	8.3	UG/M3	8.3 U	
EPD-WA-03-082523	TO-15	110-54-3	HEXANE	0.34 J		0.25	2.7	UG/M3	0.34 J	
EPD-WA-03-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.62 J		0.34	1.1	UG/M3	0.62 J	
EPD-WA-03-082523	TO-15	103-65-1	PROPYLBENZENE	0.77 U		0.18	0.77	UG/M3	0.77 U	
EPD-WA-03-082523	TO-15	100-42-5	STYRENE	0.66 U		0.11	0.66	UG/M3	0.66 U	
EPD-WA-03-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.3 U		0.39	2.3	UG/M3	2.3 U	
EPD-WA-03-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-03-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-03-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0 U				ppbv	0 U,NF	
EPD-WA-03-082523	TO-15	NA	UNKNOWN TIC	1.9 J				ppbv	1.9 J	
EPD-WA-03-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17 U		0.022	0.17	UG/M3	0.17 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.091	0.21	UG/M3	0.21	U
EPD-WA-03-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-03-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-03-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.024	0.062	UG/M3	0.062	U
EPD-WA-03-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.084	0.24	UG/M3	0.24	U
EPD-WA-03-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.035	J	0.032	0.13	UG/M3	0.035	J
EPD-WA-03-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	UJ	0.066	0.19	UG/M3	0.19	UJ
EPD-WA-03-082523	TO-15 SIM	71-43-2	BENZENE	0.27		0.028	0.25	UG/M3	0.27	
EPD-WA-03-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.042	0.2	UG/M3	0.49	
EPD-WA-03-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-03-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.057	J	0.022	0.15	UG/M3	0.057	J
EPD-WA-03-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.98	J	0.32	1.6	UG/M3	0.98	J
EPD-WA-03-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-03-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.046	J	0.013	0.14	UG/M3	0.046	J
EPD-WA-03-082523	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.018	0.22	UG/M3	0.11	J
EPD-WA-03-082523	TO-15 SIM	75-71-8	FREON 12	2.3		0.028	0.38	UG/M3	2.3	
EPD-WA-03-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14	J	0.0083	0.27	UG/M3	0.27	U
EPD-WA-03-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-WA-03-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.22	J	0.12	0.41	UG/M3	0.41	U
EPD-WA-03-082523	TO-15 SIM	95-47-6	O-XYLENE	0.057	J	0.012	0.14	UG/M3	0.14	U
EPD-WA-03-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-WA-03-082523	TO-15 SIM	108-88-3	TOLUENE	0.29		0.015	0.29	UG/M3	0.29	
EPD-WA-03-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.62	U	0.014	0.62	UG/M3	0.62	U
EPD-WA-03-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-03-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.012	0.04	UG/M3	0.040	U
EPD-WA-04-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-WA-04-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26	J	0.18	0.77	UG/M3	0.26	J
EPD-WA-04-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.94	U	0.15	0.94	UG/M3	0.94	U
EPD-WA-04-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-04-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.77	U	0.15	0.77	UG/M3	0.77	U
EPD-WA-04-082523	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	0.048	0.35	UG/M3	0.35	U
EPD-WA-04-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.94	U	0.094	0.94	UG/M3	0.94	U
EPD-WA-04-082523	TO-15	123-91-1	1,4-DIOXANE	0.14	J	0.082	0.56	UG/M3	0.14	J
EPD-WA-04-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.45	J	0.24	3.7	UG/M3	0.45	J
EPD-WA-04-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.87	J	0.4	2.3	UG/M3	0.87	J
EPD-WA-04-082523	TO-15	591-78-6	2-HEXANONE	3.2	U	0.61	3.2	UG/M3	3.2	U
EPD-WA-04-082523	TO-15	67-63-0	2-PROPANOL	7.7	U	0.19	7.7	UG/M3	7.7	U
EPD-WA-04-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-04-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.24	J	0.13	0.77	UG/M3	0.24	J
EPD-WA-04-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.64	U	0.2	0.64	UG/M3	0.64	U
EPD-WA-04-082523	TO-15	67-64-1	ACETONE	9.7		0.56	7.4	UG/M3	9.7	
EPD-WA-04-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.81	U	0.24	0.81	UG/M3	0.81	U
EPD-WA-04-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-04-082523	TO-15	75-25-2	BROMOFORM	1.6	U	0.16	1.6	UG/M3	1.6	U
EPD-WA-04-082523	TO-15	74-83-9	BROMOMETHANE	30	U	1.5	30	UG/M3	30	U
EPD-WA-04-082523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-04-082523	TO-15	108-90-7	CHLOROBENZENE	0.72	U	0.083	0.72	UG/M3	0.72	U
EPD-WA-04-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.71	U	0.19	0.71	UG/M3	0.71	U
EPD-WA-04-082523	TO-15	98-82-8	CUMENE	0.77	U	0.071	0.77	UG/M3	0.77	U
EPD-WA-04-082523	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.46	2.7	UG/M3	2.7	U
EPD-WA-04-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-WA-04-082523	TO-15	64-17-5	ETHANOL	4.4	J	0.75	5.9	UG/M3	4.4	J
EPD-WA-04-082523	TO-15	75-69-4	FREON 11	1.3		0.13	0.88	UG/M3	1.3	
EPD-WA-04-082523	TO-15	76-13-1	FREON 113	0.46	J	0.12	1.2	UG/M3	0.46	J
EPD-WA-04-082523	TO-15	142-82-5	HEPTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-WA-04-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	0.55	8.4	UG/M3	8.4	U
EPD-WA-04-082523	TO-15	110-54-3	HEXANE	0.64	J	0.25	2.8	UG/M3	0.64	J
EPD-WA-04-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.63	J	0.34	1.1	UG/M3	0.63	J
EPD-WA-04-082523	TO-15	103-65-1	PROPYLBENZENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-04-082523	TO-15	100-42-5	STYRENE	0.67	U	0.11	0.67	UG/M3	0.67	U
EPD-WA-04-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-04-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.71	U	0.15	0.71	UG/M3	0.71	U
EPD-WA-04-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-WA-04-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0	U			ppbv	0	U,NF
EPD-WA-04-082523	TO-15	124-19-6	NONANAL	4.7	NJ			ppbv	4.7	NJ
EPD-WA-04-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-04-082523	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-04-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-04-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-WA-04-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.062	U	0.024	0.062	UG/M3	0.062	U
EPD-WA-04-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.085	0.24	UG/M3	0.24	U
EPD-WA-04-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.035	J	0.032	0.13	UG/M3	0.035	J
EPD-WA-04-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	UJ	0.067	0.19	UG/M3	0.19	UJ
EPD-WA-04-082523	TO-15 SIM	71-43-2	BENZENE	0.46		0.028	0.25	UG/M3	0.46	
EPD-WA-04-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.042	0.2	UG/M3	0.48	
EPD-WA-04-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.023	0.21	UG/M3	0.21	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.058 J		0.022	0.15	UG/M3	0.058 J	
EPD-WA-04-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.88 J		0.33	1.6	UG/M3	0.88 J	
EPD-WA-04-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-WA-04-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.013	0.14	UG/M3	0.16	
EPD-WA-04-082523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.018	0.22	UG/M3	0.11 J	
EPD-WA-04-082523	TO-15 SIM	75-71-8	FREON 12	2.3		0.028	0.39	UG/M3	2.3	
EPD-WA-04-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.55		0.0083	0.27	UG/M3	0.55	
EPD-WA-04-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57 U		0.015	0.57	UG/M3	0.57 U	
EPD-WA-04-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.41 U		0.12	0.41	UG/M3	0.41 U	
EPD-WA-04-082523	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.012	0.14	UG/M3	0.21	
EPD-WA-04-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21 U		0.12	0.21	UG/M3	0.21 U	
EPD-WA-04-082523	TO-15 SIM	108-88-3	TOLUENE	0.86		0.015	0.3	UG/M3	0.86	
EPD-WA-04-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58 J		0.014	0.62	UG/M3	0.58 J	
EPD-WA-04-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17 U		0.023	0.17	UG/M3	0.17 U	
EPD-WA-04-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04 U		0.012	0.04	UG/M3	0.04 U	
EPD-WA-05-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	7.2 U		1.6	7.2	UG/M3	7.2 U	
EPD-WA-05-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.32 J		0.23	0.96	UG/M3	0.32 J	
EPD-WA-05-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-05-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.9 U		0.18	0.9	UG/M3	0.9 U	
EPD-WA-05-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.96 U		0.19	0.96	UG/M3	0.96 U	
EPD-WA-05-082523	TO-15	106-99-0	1,3-BUTADIENE	0.43 U		0.059	0.43	UG/M3	0.43 U	
EPD-WA-05-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	1.2 U		0.12	1.2	UG/M3	1.2 U	
EPD-WA-05-082523	TO-15	123-91-1	1,4-DIOXANE	0.7 U		0.1	0.7	UG/M3	0.7 U	
EPD-WA-05-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	4.6 U		0.3	4.6	UG/M3	4.6 U	
EPD-WA-05-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.6 J		0.49	2.9	UG/M3	1.6 J	
EPD-WA-05-082523	TO-15	591-78-6	2-HEXANONE	4 U		0.76	4	UG/M3	4.0 U	
EPD-WA-05-082523	TO-15	67-63-0	2-PROPANOL	9.6 U		0.23	9.6	UG/M3	9.6 U	
EPD-WA-05-082523	TO-15	107-05-1	3-CHLOROPROPENE	3 U		0.27	3	UG/M3	3.0 U	
EPD-WA-05-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.22 J		0.16	0.96	UG/M3	0.22 J	
EPD-WA-05-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.8 U		0.24	0.8	UG/M3	0.8 U	
EPD-WA-05-082523	TO-15	67-64-1	ACETONE	12		0.69	9.3	UG/M3	12	
EPD-WA-05-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	1 U		0.29	1	UG/M3	1.0 U	
EPD-WA-05-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1.3 U		0.16	1.3	UG/M3	1.3 U	
EPD-WA-05-082523	TO-15	75-25-2	BROMOFORM	2 U		0.19	2	UG/M3	2.0 U	
EPD-WA-05-082523	TO-15	74-83-9	BROMOMETHANE	38 U		1.8	38	UG/M3	38 U	
EPD-WA-05-082523	TO-15	75-15-0	CARBON DISULFIDE	3 U		0.13	3	UG/M3	3.0 U	
EPD-WA-05-082523	TO-15	108-90-7	CHLOROBENZENE	0.9 U		0.1	0.9	UG/M3	0.9 U	
EPD-WA-05-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.88 U		0.24	0.88	UG/M3	0.88 U	
EPD-WA-05-082523	TO-15	98-82-8	CUMENE	0.96 U		0.088	0.96	UG/M3	0.96 U	
EPD-WA-05-082523	TO-15	110-82-7	CYCLOHEXANE	3.4 U		0.57	3.4	UG/M3	3.4 U	
EPD-WA-05-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.7 U		0.24	1.7	UG/M3	1.7 U	
EPD-WA-05-082523	TO-15	64-17-5	ETHANOL	3.5 J		0.93	7.3	UG/M3	3.5 J	
EPD-WA-05-082523	TO-15	75-69-4	FREON 11	1.4		0.16	1.1	UG/M3	1.4	
EPD-WA-05-082523	TO-15	76-13-1	FREON 113	0.45 J		0.15	1.5	UG/M3	0.45 J	
EPD-WA-05-082523	TO-15	142-82-5	HEPTANE	4 U		0.56	4	UG/M3	4.0 U	
EPD-WA-05-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	10 U		0.68	10	UG/M3	10 U	
EPD-WA-05-082523	TO-15	110-54-3	HEXANE	0.43 J		0.31	3.4	UG/M3	0.43 J	
EPD-WA-05-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.6 J		0.42	1.4	UG/M3	0.60 J	
EPD-WA-05-082523	TO-15	103-65-1	PROPYLBENZENE	0.96 U		0.22	0.96	UG/M3	0.96 U	
EPD-WA-05-082523	TO-15	100-42-5	STYRENE	0.83 U		0.14	0.83	UG/M3	0.83 U	
EPD-WA-05-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.9 U		0.49	2.9	UG/M3	2.9 U	
EPD-WA-05-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.88 U		0.18	0.88	UG/M3	0.88 U	
EPD-WA-05-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-05-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0 U				ppbv	0 U,NF	
EPD-WA-05-082523	TO-15	NA	UNKNOWN TIC	1.3 J				ppbv	1.3 J	
EPD-WA-05-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.21 U		0.028	0.21	UG/M3	0.21 U	
EPD-WA-05-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.27 U		0.11	0.27	UG/M3	0.27 U	
EPD-WA-05-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.21 U		0.073	0.21	UG/M3	0.21 U	
EPD-WA-05-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-WA-05-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.077 U		0.03	0.077	UG/M3	0.077 U	
EPD-WA-05-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.3 U		0.1	0.3	UG/M3	0.30 U	
EPD-WA-05-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.16 U		0.04	0.16	UG/M3	0.16 U	
EPD-WA-05-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.23 UJ		0.083	0.23	UG/M3	0.23 UJ	
EPD-WA-05-082523	TO-15 SIM	71-43-2	BENZENE	0.35		0.035	0.31	UG/M3	0.35	
EPD-WA-05-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.052	0.24	UG/M3	0.49	
EPD-WA-05-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.26 U		0.028	0.26	UG/M3	0.26 U	
EPD-WA-05-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.056 J		0.028	0.19	UG/M3	0.056 J	
EPD-WA-05-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.93 J		0.4	2	UG/M3	0.93 J	
EPD-WA-05-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.15 U		0.014	0.15	UG/M3	0.15 U	
EPD-WA-05-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12 J		0.016	0.17	UG/M3	0.12 J	
EPD-WA-05-082523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.022	0.27	UG/M3	0.11 J	
EPD-WA-05-082523	TO-15 SIM	75-71-8	FREON 12	2.3		0.035	0.48	UG/M3	2.3	
EPD-WA-05-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.42		0.01	0.34	UG/M3	0.42	
EPD-WA-05-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.7 U		0.019	0.7	UG/M3	0.70 U	
EPD-WA-05-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.51 U		0.15	0.51	UG/M3	0.51 U	
EPD-WA-05-082523	TO-15 SIM	95-47-6	O-XYLENE	0.16 J		0.014	0.17	UG/M3	0.17 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.26 U		0.14	0.26	UG/M3	0.26 U	
EPD-WA-05-082523	TO-15 SIM	108-88-3	TOLUENE	0.73		0.019	0.37	UG/M3	0.73	
EPD-WA-05-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.77 U		0.018	0.77	UG/M3	0.77 U	
EPD-WA-05-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.21 U		0.029	0.21	UG/M3	0.21 U	
EPD-WA-05-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.05 U		0.014	0.05	UG/M3	0.050 U	
EPD-WA-06-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.2	5.4	UG/M3	5.4 U	
EPD-WA-06-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U		0.17	0.71	UG/M3	0.71 U	
EPD-WA-06-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U		0.14	0.87	UG/M3	0.87 U	
EPD-WA-06-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.14	0.67	UG/M3	0.67 U	
EPD-WA-06-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-06-082523	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.044	0.32	UG/M3	0.32 U	
EPD-WA-06-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U		0.087	0.87	UG/M3	0.87 U	
EPD-WA-06-082523	TO-15	123-91-1	1,4-DIOXANE	0.095 J		0.076	0.52	UG/M3	0.095 J	
EPD-WA-06-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.25 J		0.22	3.4	UG/M3	0.25 J	
EPD-WA-06-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1 J		0.36	2.1	UG/M3	1.0 J	
EPD-WA-06-082523	TO-15	591-78-6	2-HEXANONE	3 U		0.56	3	UG/M3	3.0 U	
EPD-WA-06-082523	TO-15	67-63-0	2-PROPANOL	7.1 U		0.17	7.1	UG/M3	7.1 U	
EPD-WA-06-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.2	2.3	UG/M3	2.3 U	
EPD-WA-06-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.12	0.71	UG/M3	0.71 U	
EPD-WA-06-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.18	0.59	UG/M3	0.59 U	
EPD-WA-06-082523	TO-15	67-64-1	ACETONE	8		0.52	6.9	UG/M3	8.0	
EPD-WA-06-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.22	0.75	UG/M3	0.75 U	
EPD-WA-06-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.12	0.97	UG/M3	0.97 U	
EPD-WA-06-082523	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-06-082523	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-06-082523	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.1	2.2	UG/M3	2.2 U	
EPD-WA-06-082523	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.077	0.67	UG/M3	0.67 U	
EPD-WA-06-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-WA-06-082523	TO-15	98-82-8	CUMENE	0.71 U		0.066	0.71	UG/M3	0.71 U	
EPD-WA-06-082523	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-WA-06-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-06-082523	TO-15	64-17-5	ETHANOL	3.4 J		0.69	5.5	UG/M3	3.4 J	
EPD-WA-06-082523	TO-15	75-69-4	FREON 11	1.2		0.12	0.81	UG/M3	1.2	
EPD-WA-06-082523	TO-15	76-13-1	FREON 113	0.48 J		0.11	1.1	UG/M3	0.48 J	
EPD-WA-06-082523	TO-15	142-82-5	HEPTANE	3 U		0.41	3	UG/M3	3.0 U	
EPD-WA-06-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		0.51	7.7	UG/M3	7.7 U	
EPD-WA-06-082523	TO-15	110-54-3	HEXANE	0.36 J		0.23	2.6	UG/M3	0.36 J	
EPD-WA-06-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.55 J		0.31	1	UG/M3	0.55 J	
EPD-WA-06-082523	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.16	0.71	UG/M3	0.71 U	
EPD-WA-06-082523	TO-15	100-42-5	STYRENE	0.62 U		0.1	0.62	UG/M3	0.62 U	
EPD-WA-06-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-WA-06-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-06-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				ppbv	0 U,NF	
EPD-WA-06-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0 U				ppbv	0 U,NF	
EPD-WA-06-082523	TO-15	NA	UNKNOWN TIC	1 J				ppbv	1.0 J	
EPD-WA-06-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-06-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.085	0.2	UG/M3	0.20 U	
EPD-WA-06-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.054	0.16	UG/M3	0.16 U	
EPD-WA-06-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.017	0.12	UG/M3	0.12 U	
EPD-WA-06-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.022	0.057	UG/M3	0.057 U	
EPD-WA-06-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.078	0.22	UG/M3	0.22 U	
EPD-WA-06-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032 J		0.03	0.12	UG/M3	0.032 J	
EPD-WA-06-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.062	0.17	UG/M3	0.17 UJ	
EPD-WA-06-082523	TO-15 SIM	71-43-2	BENZENE	0.3		0.026	0.23	UG/M3	0.30	
EPD-WA-06-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.039	0.18	UG/M3	0.48	
EPD-WA-06-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.021	0.19	UG/M3	0.19 U	
EPD-WA-06-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.052 J		0.021	0.14	UG/M3	0.052 J	
EPD-WA-06-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.86 J		0.3	1.5	UG/M3	0.86 J	
EPD-WA-06-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.011	0.11	UG/M3	0.11 U	
EPD-WA-06-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.068 J		0.012	0.12	UG/M3	0.068 J	
EPD-WA-06-082523	TO-15 SIM	76-14-2	FREON 114	0.11 J		0.016	0.2	UG/M3	0.11 J	
EPD-WA-06-082523	TO-15 SIM	75-71-8	FREON 12	2.2		0.026	0.36	UG/M3	2.2	
EPD-WA-06-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.22 J		0.0077	0.25	UG/M3	0.25 U	
EPD-WA-06-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.014	0.52	UG/M3	0.52 U	
EPD-WA-06-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38 U		0.11	0.38	UG/M3	0.38 U	
EPD-WA-06-082523	TO-15 SIM	95-47-6	O-XYLENE	0.084 J		0.011	0.12	UG/M3	0.12 U	
EPD-WA-06-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.29		0.11	0.2	UG/M3	0.29	
EPD-WA-06-082523	TO-15 SIM	108-88-3	TOLUENE	0.43		0.014	0.27	UG/M3	0.43	
EPD-WA-06-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57 U		0.013	0.57	UG/M3	0.57 U	
EPD-WA-06-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.021	0.16	UG/M3	0.16 U	
EPD-WA-06-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037 U		0.011	0.037	UG/M3	0.037 U	
EPD-WA-33-082523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		1.2	5.6	UG/M3	5.6 U	
EPD-WA-33-082523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.75 U		0.18	0.75	UG/M3	0.75 U	
EPD-WA-33-082523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.14	0.91	UG/M3	0.91 U	
EPD-WA-33-082523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-33-082523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75 U		0.15	0.75	UG/M3	0.75 U	



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2308573

Sample_ID	Method	CAS#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-082523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.046	0.34	UG/M3	0.34	U
EPD-WA-33-082523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.091	0.91	UG/M3	0.91	U
EPD-WA-33-082523	TO-15	123-91-1	1,4-DIOXANE	0.25	J	0.079	0.55	UG/M3	0.25	J
EPD-WA-33-082523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.23	3.6	UG/M3	3.6	U
EPD-WA-33-082523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.6	J	0.38	2.2	UG/M3	1.6	J
EPD-WA-33-082523	TO-15	591-78-6	2-HEXANONE	3.1	U	0.59	3.1	UG/M3	3.1	U
EPD-WA-33-082523	TO-15	67-63-0	2-PROPANOL	7.5	U	0.18	7.5	UG/M3	7.5	U
EPD-WA-33-082523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-WA-33-082523	TO-15	622-96-8	4-ETHYLTOLUENE	0.75	U	0.13	0.75	UG/M3	0.75	U
EPD-WA-33-082523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.3	J	0.19	0.62	UG/M3	0.30	J
EPD-WA-33-082523	TO-15	67-64-1	ACETONE	14		0.54	7.2	UG/M3	14	
EPD-WA-33-082523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.23	0.79	UG/M3	0.79	U
EPD-WA-33-082523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-33-082523	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-33-082523	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-33-082523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.1	2.4	UG/M3	2.4	U
EPD-WA-33-082523	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.081	0.7	UG/M3	0.70	U
EPD-WA-33-082523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.18	0.69	UG/M3	0.69	U
EPD-WA-33-082523	TO-15	98-82-8	CUMENE	0.75	U	0.069	0.75	UG/M3	0.75	U
EPD-WA-33-082523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-33-082523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-33-082523	TO-15	64-17-5	ETHANOL	3.6	J	0.73	5.7	UG/M3	3.6	J
EPD-WA-33-082523	TO-15	75-69-4	FREON 11	1.3		0.13	0.85	UG/M3	1.3	
EPD-WA-33-082523	TO-15	76-13-1	FREON 113	0.54	J	0.12	1.2	UG/M3	0.54	J
EPD-WA-33-082523	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-33-082523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1	U	0.53	8.1	UG/M3	8.1	U
EPD-WA-33-082523	TO-15	110-54-3	HEXANE	0.27	J	0.24	2.7	UG/M3	0.27	J
EPD-WA-33-082523	TO-15	75-09-2	METHYLENE CHLORIDE	0.6	J	0.33	1	UG/M3	0.60	J
EPD-WA-33-082523	TO-15	103-65-1	PROPYLENE BENZENE	0.75	U	0.17	0.75	UG/M3	0.75	U
EPD-WA-33-082523	TO-15	100-42-5	STYRENE	0.65	U	0.1	0.65	UG/M3	0.65	U
EPD-WA-33-082523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-33-082523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-33-082523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			ppbv	0	U,NF
EPD-WA-33-082523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTE	0	U			ppbv	0	U,NF
EPD-WA-33-082523	TO-15	NA	UNKNOWN TIC	0.82	J			ppbv	0.82	J
EPD-WA-33-082523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-33-082523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.089	0.21	UG/M3	0.21	U
EPD-WA-33-082523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.057	0.16	UG/M3	0.16	U
EPD-WA-33-082523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-33-082523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.023	0.06	UG/M3	0.060	U
EPD-WA-33-082523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.082	0.23	UG/M3	0.23	U
EPD-WA-33-082523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.036	J	0.031	0.12	UG/M3	0.036	J
EPD-WA-33-082523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.065	0.18	UG/M3	0.18	UJ
EPD-WA-33-082523	TO-15 SIM	71-43-2	BENZENE	0.2	J	0.027	0.24	UG/M3	0.20	J
EPD-WA-33-082523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.041	0.19	UG/M3	0.48	
EPD-WA-33-082523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-33-082523	TO-15 SIM	67-66-3	CHLOROFORM	0.053	J	0.022	0.15	UG/M3	0.053	J
EPD-WA-33-082523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.32	1.6	UG/M3	0.96	J
EPD-WA-33-082523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-33-082523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.047	J	0.013	0.13	UG/M3	0.047	J
EPD-WA-33-082523	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.017	0.21	UG/M3	0.11	J
EPD-WA-33-082523	TO-15 SIM	75-71-8	FREON 12	2.3		0.028	0.38	UG/M3	2.3	
EPD-WA-33-082523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14	J	0.008	0.26	UG/M3	0.26	U
EPD-WA-33-082523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.015	0.55	UG/M3	0.55	U
EPD-WA-33-082523	TO-15 SIM	91-20-3	NAPHTHALENE	0.18	J	0.12	0.4	UG/M3	0.40	U
EPD-WA-33-082523	TO-15 SIM	95-47-6	O-XYLENE	0.057	J	0.011	0.13	UG/M3	0.13	U
EPD-WA-33-082523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.11	0.21	UG/M3	0.21	U
EPD-WA-33-082523	TO-15 SIM	108-88-3	TOLUENE	0.29		0.015	0.29	UG/M3	0.29	
EPD-WA-33-082523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6	U	0.014	0.6	UG/M3	0.60	U
EPD-WA-33-082523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-33-082523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.011	0.039	UG/M3	0.039	U