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November 21, 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. 2201**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 35 air samples (including 4 field duplicate sample) collected at the E Palestine site. The samples were collected on September 23 to 26, 2023, and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on October 4, 2023.

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

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

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

Sincerely,

Celina Barnett
Cashman

Digitally signed by Celina
Barnett-Cashman
Date: 2023.11.21
15:55:42 -06'00'

Environmental Chemist

Enclosure

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

ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS AIR TOXICS, LLC REPORT NOS. 2309468, 2309470,
2309471 AND 2309496**

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2201a		
Laboratory Report No.	2309468	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples including one field duplicate pair		
Collection Date(s)	09/23/2023		
Field Duplicate Pairs	EPD-WA-01-092323/EPD-WA-11-092323		
Field QC Blanks	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:

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

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

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	<p>The residual canister receipt vacuums in the laboratory report were recorded as positive values. The laboratory was contacted and confirmed that all values were negative, even though the minus signs were missing, and that the laboratory used the following convention for recording Summa canister vacuums and pressures: vacuums were recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures were recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The field-measured residual vacuum for EPD-WA-06-092323 was -20.5 ”Hg and the laboratory-measured residual vacuum for this sample was 21.6 ”Hg. This high residual vacuum means that the canister did not fill sufficiently and may not be representative of the full collection period; therefore, the laboratory did not analyze the sample.</p>

Method blanks:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2309468-10A): 1,3-Dichlorobenzene was detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All 1,3-dichlorobenzene sample results were nondetect; therefore, no qualifications were necessary.</p> <p>TO-15 SIM (2309468-10B): 1,4-Dichlorobenzene and m,p-xylene were detected in the method blank at levels between the MDL and RL. m,p-Xylene was detected in samples EPD-DW-G-092323, EPD-UW-C-092323, EPD-WA-03-092323 and EPD-WA-04-092323 below the RL; therefore, the results were qualified as nondetect (flagged U) at the RL. The remaining m,p-xylene sample results were greater than ten times the blank value; and all 1,4-dichlorobenzene sample results were nondetect; therefore, no additional qualifications were necessary.</p>

Field blanks:

Within Criteria	Exceedance/Notes
NA	

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

Surrogates and labeled compounds:

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
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.36 to 1.51. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

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

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	Continuing calibration verification 2309468-11C had a low percent recovery of 3-chloropropene. The laboratory qualified all 3-chloropropene sample results as estimated (flagged UJ); therefore, no further qualifications were necessary.

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. 2309468

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-DW-G-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7 U		0.17	0.7	UG/M3	0.70 U	
EPD-DW-G-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.14	0.86	UG/M3	0.86 U	
EPD-DW-G-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.14	0.66	UG/M3	0.66 U	
EPD-DW-G-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-DW-G-092323	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.043	0.32	UG/M3	0.32 U	
EPD-DW-G-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.086	0.86	UG/M3	0.86 U	
EPD-DW-G-092323	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.074	0.52	UG/M3	0.52 U	
EPD-DW-G-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.28 J		0.22	3.3	UG/M3	0.28 J	
EPD-DW-G-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.39 J		0.36	2.1	UG/M3	0.39 J	
EPD-DW-G-092323	TO-15	591-78-6	2-HEXANONE	2.9 U		0.56	2.9	UG/M3	2.9 U	
EPD-DW-G-092323	TO-15	67-63-0	2-PROPANOL	7 U		0.17	7	UG/M3	7.0 U	
EPD-DW-G-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-DW-G-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.12	0.7	UG/M3	0.70 U	
EPD-DW-G-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.18	0.58	UG/M3	0.58 U	
EPD-DW-G-092323	TO-15	67-64-1	ACETONE	5 J		0.51	6.8	UG/M3	5.0 J	
EPD-DW-G-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-DW-G-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-DW-G-092323	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-DW-G-092323	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-DW-G-092323	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.098	2.2	UG/M3	2.2 U	
EPD-DW-G-092323	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.076	0.66	UG/M3	0.66 U	
EPD-DW-G-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.17	0.65	UG/M3	0.65 U	
EPD-DW-G-092323	TO-15	98-82-8	CUMENE	0.7 U		0.065	0.7	UG/M3	0.70 U	
EPD-DW-G-092323	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.42	2.5	UG/M3	2.5 U	
EPD-DW-G-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-DW-G-092323	TO-15	64-17-5	ETHANOL	1.2 J		0.68	5.4	UG/M3	1.2 J	
EPD-DW-G-092323	TO-15	75-69-4	FREON 11	1.2		0.12	0.8	UG/M3	1.2	
EPD-DW-G-092323	TO-15	76-13-1	FREON 113	0.51 J		0.11	1.1	UG/M3	0.51 J	
EPD-DW-G-092323	TO-15	142-82-5	HEPTANE	2.9 U		0.41	2.9	UG/M3	2.9 U	
EPD-DW-G-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		0.5	7.6	UG/M3	7.6 U	
EPD-DW-G-092323	TO-15	110-54-3	HEXANE	2.5 U		0.23	2.5	UG/M3	2.5 U	
EPD-DW-G-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.32 J		0.31	0.99	UG/M3	0.32 J	
EPD-DW-G-092323	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.16	0.7	UG/M3	0.70 U	
EPD-DW-G-092323	TO-15	100-42-5	STYRENE	0.61 U		0.099	0.61	UG/M3	0.61 U	
EPD-DW-G-092323	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.36	2.1	UG/M3	2.1 U	
EPD-DW-G-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-DW-G-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-G-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309468

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-DW-G-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.083	0.2	UG/M3	0.20	U
EPD-DW-G-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-DW-G-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-DW-G-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-DW-G-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-DW-G-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.048	J	0.03	0.12	UG/M3	0.048	J
EPD-DW-G-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-DW-G-092323	TO-15 SIM	71-43-2	BENZENE	0.35		0.026	0.23	UG/M3	0.35	
EPD-DW-G-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.038	0.18	UG/M3	0.45	
EPD-DW-G-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-DW-G-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.02	0.14	UG/M3	0.079	J
EPD-DW-G-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.83	J	0.3	1.5	UG/M3	0.83	J
EPD-DW-G-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-DW-G-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.061	J	0.012	0.12	UG/M3	0.061	J
EPD-DW-G-092323	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-DW-G-092323	TO-15 SIM	75-71-8	FREON 12	2.3		0.026	0.35	UG/M3	2.3	
EPD-DW-G-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.18	J	0.0076	0.25	UG/M3	0.25	U
EPD-DW-G-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-DW-G-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-DW-G-092323	TO-15 SIM	95-47-6	O-XYLENE	0.069	J	0.01	0.12	UG/M3	0.069	J
EPD-DW-G-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.11	0.19	UG/M3	0.19	U
EPD-DW-G-092323	TO-15 SIM	108-88-3	TOLUENE	0.46		0.014	0.27	UG/M3	0.46	
EPD-DW-G-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-DW-G-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-DW-G-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.011	0.036	UG/M3	0.036	U
EPD-UW-C-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-UW-C-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74	U	0.18	0.74	UG/M3	0.74	U
EPD-UW-C-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.14	0.91	UG/M3	0.91	U
EPD-UW-C-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-UW-C-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.15	0.74	UG/M3	0.74	U
EPD-UW-C-092323	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.046	0.33	UG/M3	0.33	U
EPD-UW-C-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.09	0.91	UG/M3	0.91	U
EPD-UW-C-092323	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.079	0.54	UG/M3	0.54	U
EPD-UW-C-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.23	3.5	UG/M3	3.5	U
EPD-UW-C-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.45	J	0.38	2.2	UG/M3	0.45	J
EPD-UW-C-092323	TO-15	591-78-6	2-HEXANONE	3.1	U	0.59	3.1	UG/M3	3.1	U
EPD-UW-C-092323	TO-15	67-63-0	2-PROPANOL	7.4	U	0.18	7.4	UG/M3	7.4	U
EPD-UW-C-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.4	UJ	0.21	2.4	UG/M3	2.4	UJ

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309468

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.13	J	0.13	0.74	UG/M3	0.13	J
EPD-UW-C-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62	U	0.19	0.62	UG/M3	0.62	U
EPD-UW-C-092323	TO-15	67-64-1	ACETONE	6.8	J	0.54	7.2	UG/M3	6.8	J
EPD-UW-C-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.23	0.78	UG/M3	0.78	U
EPD-UW-C-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-UW-C-092323	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-UW-C-092323	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-UW-C-092323	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.1	2.4	UG/M3	2.4	U
EPD-UW-C-092323	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.08	0.7	UG/M3	0.70	U
EPD-UW-C-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-UW-C-092323	TO-15	98-82-8	CUMENE	0.74	U	0.068	0.74	UG/M3	0.74	U
EPD-UW-C-092323	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-UW-C-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-UW-C-092323	TO-15	64-17-5	ETHANOL	0.85	J	0.72	5.7	UG/M3	0.85	J
EPD-UW-C-092323	TO-15	75-69-4	FREON 11	1.3		0.13	0.85	UG/M3	1.3	
EPD-UW-C-092323	TO-15	76-13-1	FREON 113	0.5	J	0.12	1.2	UG/M3	0.50	J
EPD-UW-C-092323	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-UW-C-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.53	8	UG/M3	8.0	U
EPD-UW-C-092323	TO-15	110-54-3	HEXANE	2.7	U	0.24	2.7	UG/M3	2.7	U
EPD-UW-C-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.36	J	0.33	1	UG/M3	0.36	J
EPD-UW-C-092323	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-UW-C-092323	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-UW-C-092323	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-UW-C-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-UW-C-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-C-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-C-092323	TO-15	66-25-1	HEXANAL	1.2	NJ			PPBV	1.2	NJ
EPD-UW-C-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-UW-C-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.088	0.21	UG/M3	0.21	U
EPD-UW-C-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.057	0.16	UG/M3	0.16	U
EPD-UW-C-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-UW-C-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.023	0.06	UG/M3	0.060	U
EPD-UW-C-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.082	0.23	UG/M3	0.23	U
EPD-UW-C-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046	J	0.031	0.12	UG/M3	0.046	J
EPD-UW-C-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-UW-C-092323	TO-15 SIM	71-43-2	BENZENE	0.25		0.027	0.24	UG/M3	0.25	
EPD-UW-C-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.04	0.19	UG/M3	0.47	
EPD-UW-C-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-UW-C-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.022	0.15	UG/M3	0.078	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.85 J		0.31	1.6	UG/M3	0.85 J	
EPD-UW-C-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.011	0.12	UG/M3	0.12 U	
EPD-UW-C-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.053 J		0.013	0.13	UG/M3	0.053 J	
EPD-UW-C-092323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.017	0.21	UG/M3	0.12 J	
EPD-UW-C-092323	TO-15 SIM	75-71-8	FREON 12	2.4		0.027	0.37	UG/M3	2.4	
EPD-UW-C-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.13 J		0.008	0.26	UG/M3	0.26 U	
EPD-UW-C-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.015	0.54	UG/M3	0.54 U	
EPD-UW-C-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.26 J		0.11	0.4	UG/M3	0.26 J	
EPD-UW-C-092323	TO-15 SIM	95-47-6	O-XYLENE	0.052 J		0.011	0.13	UG/M3	0.052 J	
EPD-UW-C-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2 U		0.11	0.2	UG/M3	0.20 U	
EPD-UW-C-092323	TO-15 SIM	108-88-3	TOLUENE	0.73		0.015	0.28	UG/M3	0.73	
EPD-UW-C-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.18 J		0.014	0.6	UG/M3	0.18 J	
EPD-UW-C-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.022	0.16	UG/M3	0.16 U	
EPD-UW-C-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.011	0.038	UG/M3	0.038 U	
EPD-WA-01-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		1.1	5.2	UG/M3	5.2 U	
EPD-WA-01-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.24 J		0.16	0.68	UG/M3	0.24 J	
EPD-WA-01-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.13	0.84	UG/M3	0.84 U	
EPD-WA-01-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-WA-01-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-01-092323	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.042	0.31	UG/M3	0.31 U	
EPD-WA-01-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.083	0.84	UG/M3	0.84 U	
EPD-WA-01-092323	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.072	0.5	UG/M3	0.50 U	
EPD-WA-01-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.35 J		0.21	3.2	UG/M3	0.35 J	
EPD-WA-01-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.43 J		0.35	2	UG/M3	0.43 J	
EPD-WA-01-092323	TO-15	591-78-6	2-HEXANONE	2.8 U		0.54	2.8	UG/M3	2.8 U	
EPD-WA-01-092323	TO-15	67-63-0	2-PROPANOL	6.8 U		0.16	6.8	UG/M3	6.8 U	
EPD-WA-01-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.19	2.2	UG/M3	2.2 UJ	
EPD-WA-01-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.18 J		0.12	0.68	UG/M3	0.18 J	
EPD-WA-01-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.17	0.57	UG/M3	0.57 U	
EPD-WA-01-092323	TO-15	67-64-1	ACETONE	6 J		0.49	6.6	UG/M3	6.0 J	
EPD-WA-01-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.21	0.72	UG/M3	0.72 U	
EPD-WA-01-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93 U		0.12	0.93	UG/M3	0.93 U	
EPD-WA-01-092323	TO-15	75-25-2	BROMOFORM	1.4 U		0.14	1.4	UG/M3	1.4 U	
EPD-WA-01-092323	TO-15	74-83-9	BROMOMETHANE	27 U		1.3	27	UG/M3	27 U	
EPD-WA-01-092323	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.096	2.2	UG/M3	2.2 U	
EPD-WA-01-092323	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.074	0.64	UG/M3	0.64 U	
EPD-WA-01-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-01-092323	TO-15	98-82-8	CUMENE	0.68 U		0.063	0.68	UG/M3	0.68 U	
EPD-WA-01-092323	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.4	2.4	UG/M3	2.4 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-01-092323	TO-15	64-17-5	ETHANOL	1.7	J	0.66	5.2	UG/M3	1.7	J
EPD-WA-01-092323	TO-15	75-69-4	FREON 11	1.3		0.12	0.78	UG/M3	1.3	
EPD-WA-01-092323	TO-15	76-13-1	FREON 113	0.48	J	0.11	1.1	UG/M3	0.48	J
EPD-WA-01-092323	TO-15	142-82-5	HEPTANE	2.8	U	0.4	2.8	UG/M3	2.8	U
EPD-WA-01-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.49	7.4	UG/M3	7.4	U
EPD-WA-01-092323	TO-15	110-54-3	HEXANE	0.26	J	0.22	2.4	UG/M3	0.26	J
EPD-WA-01-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.4	J	0.3	0.96	UG/M3	0.40	J
EPD-WA-01-092323	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-01-092323	TO-15	100-42-5	STYRENE	0.59	U	0.096	0.59	UG/M3	0.59	U
EPD-WA-01-092323	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.35	2	UG/M3	2.0	U
EPD-WA-01-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-01-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.081	0.19	UG/M3	0.19	U
EPD-WA-01-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-WA-01-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-01-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.021	0.055	UG/M3	0.055	U
EPD-WA-01-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.075	0.21	UG/M3	0.21	U
EPD-WA-01-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044	J	0.029	0.11	UG/M3	0.044	J
EPD-WA-01-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-01-092323	TO-15 SIM	71-43-2	BENZENE	0.46		0.025	0.22	UG/M3	0.46	
EPD-WA-01-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.037	0.17	UG/M3	0.46	
EPD-WA-01-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-01-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.09	J	0.02	0.14	UG/M3	0.090	J
EPD-WA-01-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.85	J	0.29	1.4	UG/M3	0.85	J
EPD-WA-01-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-01-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.012	0.12	UG/M3	0.11	J
EPD-WA-01-092323	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.19	UG/M3	0.12	J
EPD-WA-01-092323	TO-15 SIM	75-71-8	FREON 12	2.4		0.025	0.34	UG/M3	2.4	
EPD-WA-01-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.29		0.0074	0.24	UG/M3	0.29	
EPD-WA-01-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-01-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.1	0.36	UG/M3	0.36	U
EPD-WA-01-092323	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.01	0.12	UG/M3	0.11	J
EPD-WA-01-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.72		0.1	0.19	UG/M3	0.72	
EPD-WA-01-092323	TO-15 SIM	108-88-3	TOLUENE	0.91		0.014	0.26	UG/M3	0.91	
EPD-WA-01-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.045	J	0.013	0.55	UG/M3	0.045	J
EPD-WA-01-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.01	0.036	UG/M3	0.036 U	
EPD-WA-02-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.2	5.3	UG/M3	5.3 U	
EPD-WA-02-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19 J		0.17	0.7	UG/M3	0.19 J	
EPD-WA-02-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85 U		0.13	0.85	UG/M3	0.85 U	
EPD-WA-02-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.13	0.66	UG/M3	0.66 U	
EPD-WA-02-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-02-092323	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.043	0.31	UG/M3	0.31 U	
EPD-WA-02-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85 U		0.085	0.85	UG/M3	0.85 U	
EPD-WA-02-092323	TO-15	123-91-1	1,4-DIOXANE	0.15 J		0.074	0.51	UG/M3	0.15 J	
EPD-WA-02-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.41 J		0.22	3.3	UG/M3	0.41 J	
EPD-WA-02-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.96 J		0.36	2.1	UG/M3	0.96 J	
EPD-WA-02-092323	TO-15	591-78-6	2-HEXANONE	2.9 U		0.55	2.9	UG/M3	2.9 U	
EPD-WA-02-092323	TO-15	67-63-0	2-PROPANOL	7 U		0.17	7	UG/M3	7.0 U	
EPD-WA-02-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.2 UJ		0.2	2.2	UG/M3	2.2 UJ	
EPD-WA-02-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.17 J		0.12	0.7	UG/M3	0.17 J	
EPD-WA-02-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.18	0.58	UG/M3	0.58 U	
EPD-WA-02-092323	TO-15	67-64-1	ACETONE	8.3		0.5	6.7	UG/M3	8.3	
EPD-WA-02-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.21	0.74	UG/M3	0.74 U	
EPD-WA-02-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U		0.12	0.95	UG/M3	0.95 U	
EPD-WA-02-092323	TO-15	75-25-2	BROMOFORM	1.5 U		0.14	1.5	UG/M3	1.5 U	
EPD-WA-02-092323	TO-15	74-83-9	BROMOMETHANE	28 U		1.3	28	UG/M3	28 U	
EPD-WA-02-092323	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.098	2.2	UG/M3	2.2 U	
EPD-WA-02-092323	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.075	0.65	UG/M3	0.65 U	
EPD-WA-02-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.17	0.64	UG/M3	0.64 U	
EPD-WA-02-092323	TO-15	98-82-8	CUMENE	0.7 U		0.064	0.7	UG/M3	0.70 U	
EPD-WA-02-092323	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.41	2.4	UG/M3	2.4 U	
EPD-WA-02-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.18	1.2	UG/M3	1.2 U	
EPD-WA-02-092323	TO-15	64-17-5	ETHANOL	4.2 J		0.68	5.4	UG/M3	4.2 J	
EPD-WA-02-092323	TO-15	75-69-4	FREON 11	1.4		0.12	0.8	UG/M3	1.4	
EPD-WA-02-092323	TO-15	76-13-1	FREON 113	0.49 J		0.11	1.1	UG/M3	0.49 J	
EPD-WA-02-092323	TO-15	142-82-5	HEPTANE	2.9 U		0.4	2.9	UG/M3	2.9 U	
EPD-WA-02-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 U		0.5	7.6	UG/M3	7.6 U	
EPD-WA-02-092323	TO-15	110-54-3	HEXANE	0.24 J		0.23	2.5	UG/M3	0.24 J	
EPD-WA-02-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.38 J		0.31	0.99	UG/M3	0.38 J	
EPD-WA-02-092323	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.16	0.7	UG/M3	0.70 U	
EPD-WA-02-092323	TO-15	100-42-5	STYRENE	0.6 U		0.098	0.6	UG/M3	0.60 U	
EPD-WA-02-092323	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.35	2.1	UG/M3	2.1 U	
EPD-WA-02-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.13	0.64	UG/M3	0.64 U	
EPD-WA-02-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-02-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.083	0.19	UG/M3	0.19	U
EPD-WA-02-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-WA-02-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-02-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.022	0.056	UG/M3	0.056	U
EPD-WA-02-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-02-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.043	J	0.029	0.11	UG/M3	0.043	J
EPD-WA-02-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-WA-02-092323	TO-15 SIM	71-43-2	BENZENE	0.52		0.026	0.23	UG/M3	0.52	
EPD-WA-02-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.43		0.038	0.18	UG/M3	0.43	
EPD-WA-02-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.02	0.19	UG/M3	0.19	U
EPD-WA-02-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.02	0.14	UG/M3	0.079	J
EPD-WA-02-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.84	J	0.3	1.5	UG/M3	0.84	J
EPD-WA-02-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-02-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12	J	0.012	0.12	UG/M3	0.12	J
EPD-WA-02-092323	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-02-092323	TO-15 SIM	75-71-8	FREON 12	2.3		0.026	0.35	UG/M3	2.3	
EPD-WA-02-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.34		0.0075	0.25	UG/M3	0.34	
EPD-WA-02-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-WA-02-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-WA-02-092323	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.01	0.12	UG/M3	0.13	
EPD-WA-02-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-02-092323	TO-15 SIM	108-88-3	TOLUENE	0.86		0.014	0.27	UG/M3	0.86	
EPD-WA-02-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-WA-02-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-02-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-03-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1.1	5	UG/M3	5.0	U
EPD-WA-03-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-WA-03-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82	U	0.13	0.82	UG/M3	0.82	U
EPD-WA-03-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-03-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.67	U	0.13	0.67	UG/M3	0.67	U
EPD-WA-03-092323	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.041	0.3	UG/M3	0.30	U
EPD-WA-03-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82	U	0.081	0.82	UG/M3	0.82	U
EPD-WA-03-092323	TO-15	123-91-1	1,4-DIOXANE	0.11	J	0.071	0.49	UG/M3	0.11	J
EPD-WA-03-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.25	J	0.21	3.2	UG/M3	0.25	J
EPD-WA-03-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.46	J	0.34	2	UG/M3	0.46	J
EPD-WA-03-092323	TO-15	591-78-6	2-HEXANONE	2.8	U	0.53	2.8	UG/M3	2.8	U
EPD-WA-03-092323	TO-15	67-63-0	2-PROPANOL	6.7	U	0.16	6.7	UG/M3	6.7	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.1	UJ	0.19	2.1	UG/M3	2.1	UJ
EPD-WA-03-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.67	U	0.11	0.67	UG/M3	0.67	U
EPD-WA-03-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.21	J	0.17	0.56	UG/M3	0.21	J
EPD-WA-03-092323	TO-15	67-64-1	ACETONE	7.9		0.48	6.5	UG/M3	7.9	
EPD-WA-03-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-03-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.91	U	0.11	0.91	UG/M3	0.91	U
EPD-WA-03-092323	TO-15	75-25-2	BROMOFORM	1.4	U	0.13	1.4	UG/M3	1.4	U
EPD-WA-03-092323	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-WA-03-092323	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.094	2.1	UG/M3	2.1	U
EPD-WA-03-092323	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.072	0.63	UG/M3	0.63	U
EPD-WA-03-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.16	0.62	UG/M3	0.62	U
EPD-WA-03-092323	TO-15	98-82-8	CUMENE	0.67	U	0.062	0.67	UG/M3	0.67	U
EPD-WA-03-092323	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-03-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-03-092323	TO-15	64-17-5	ETHANOL	1.6	J	0.65	5.1	UG/M3	1.6	J
EPD-WA-03-092323	TO-15	75-69-4	FREON 11	1.4		0.11	0.76	UG/M3	1.4	
EPD-WA-03-092323	TO-15	76-13-1	FREON 113	0.53	J	0.11	1	UG/M3	0.53	J
EPD-WA-03-092323	TO-15	142-82-5	HEPTANE	2.8	U	0.39	2.8	UG/M3	2.8	U
EPD-WA-03-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2	U	0.48	7.2	UG/M3	7.2	U
EPD-WA-03-092323	TO-15	110-54-3	HEXANE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-03-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.31	J	0.29	0.94	UG/M3	0.31	J
EPD-WA-03-092323	TO-15	103-65-1	PROPYLBENZENE	0.67	U	0.15	0.67	UG/M3	0.67	U
EPD-WA-03-092323	TO-15	100-42-5	STYRENE	0.58	U	0.094	0.58	UG/M3	0.58	U
EPD-WA-03-092323	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.34	2	UG/M3	2.0	U
EPD-WA-03-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.13	0.62	UG/M3	0.62	U
EPD-WA-03-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.019	0.15	UG/M3	0.15	U
EPD-WA-03-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.079	0.19	UG/M3	0.19	U
EPD-WA-03-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.051	0.15	UG/M3	0.15	U
EPD-WA-03-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-03-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.021	0.054	UG/M3	0.054	U
EPD-WA-03-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.074	0.21	UG/M3	0.21	U
EPD-WA-03-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044	J	0.028	0.11	UG/M3	0.044	J
EPD-WA-03-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.058	0.16	UG/M3	0.16	U
EPD-WA-03-092323	TO-15 SIM	71-43-2	BENZENE	0.3		0.024	0.22	UG/M3	0.30	
EPD-WA-03-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.036	0.17	UG/M3	0.46	
EPD-WA-03-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-03-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.02	0.13	UG/M3	0.079	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.86 J		0.28	1.4	UG/M3	0.86 J	
EPD-WA-03-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-03-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.052 J		0.011	0.12	UG/M3	0.052 J	
EPD-WA-03-092323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.015	0.19	UG/M3	0.12 J	
EPD-WA-03-092323	TO-15 SIM	75-71-8	FREON 12	2.3		0.025	0.34	UG/M3	2.3	
EPD-WA-03-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14 J		0.0072	0.24	UG/M3	0.24 U	
EPD-WA-03-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49 U		0.013	0.49	UG/M3	0.49 U	
EPD-WA-03-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.17 J		0.1	0.36	UG/M3	0.17 J	
EPD-WA-03-092323	TO-15 SIM	95-47-6	O-XYLENE	0.053 J		0.01	0.12	UG/M3	0.053 J	
EPD-WA-03-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 U		0.1	0.18	UG/M3	0.18 U	
EPD-WA-03-092323	TO-15 SIM	108-88-3	TOLUENE	0.41		0.013	0.26	UG/M3	0.41	
EPD-WA-03-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.54 U		0.012	0.54	UG/M3	0.54 U	
EPD-WA-03-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-03-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035 U		0.01	0.035	UG/M3	0.035 U	
EPD-WA-04-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6 U		1.2	5.6	UG/M3	5.6 U	
EPD-WA-04-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74 U		0.18	0.74	UG/M3	0.74 U	
EPD-WA-04-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91 U		0.14	0.91	UG/M3	0.91 U	
EPD-WA-04-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-04-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74 U		0.15	0.74	UG/M3	0.74 U	
EPD-WA-04-092323	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.046	0.33	UG/M3	0.33 U	
EPD-WA-04-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91 U		0.09	0.91	UG/M3	0.91 U	
EPD-WA-04-092323	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.079	0.54	UG/M3	0.54 U	
EPD-WA-04-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.24 J		0.23	3.5	UG/M3	0.24 J	
EPD-WA-04-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2 U		0.38	2.2	UG/M3	2.2 U	
EPD-WA-04-092323	TO-15	591-78-6	2-HEXANONE	3.1 U		0.59	3.1	UG/M3	3.1 U	
EPD-WA-04-092323	TO-15	67-63-0	2-PROPANOL	7.4 U		0.18	7.4	UG/M3	7.4 U	
EPD-WA-04-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.4 UJ		0.21	2.4	UG/M3	2.4 UJ	
EPD-WA-04-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.74 U		0.13	0.74	UG/M3	0.74 U	
EPD-WA-04-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62 U		0.19	0.62	UG/M3	0.62 U	
EPD-WA-04-092323	TO-15	67-64-1	ACETONE	5.1 J		0.54	7.2	UG/M3	5.1 J	
EPD-WA-04-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78 U		0.23	0.78	UG/M3	0.78 U	
EPD-WA-04-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.13	1	UG/M3	1.0 U	
EPD-WA-04-092323	TO-15	75-25-2	BROMOFORM	1.6 U		0.15	1.6	UG/M3	1.6 U	
EPD-WA-04-092323	TO-15	74-83-9	BROMOMETHANE	29 U		1.4	29	UG/M3	29 U	
EPD-WA-04-092323	TO-15	75-15-0	CARBON DISULFIDE	2.4 U		0.1	2.4	UG/M3	2.4 U	
EPD-WA-04-092323	TO-15	108-90-7	CHLOROBENZENE	0.7 U		0.08	0.7	UG/M3	0.70 U	
EPD-WA-04-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.18	0.68	UG/M3	0.68 U	
EPD-WA-04-092323	TO-15	98-82-8	CUMENE	0.74 U		0.068	0.74	UG/M3	0.74 U	
EPD-WA-04-092323	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.44	2.6	UG/M3	2.6 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-04-092323	TO-15	64-17-5	ETHANOL	1.5	J	0.72	5.7	UG/M3	1.5	J
EPD-WA-04-092323	TO-15	75-69-4	FREON 11	1.3		0.13	0.85	UG/M3	1.3	
EPD-WA-04-092323	TO-15	76-13-1	FREON 113	0.52	J	0.12	1.2	UG/M3	0.52	J
EPD-WA-04-092323	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-04-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.53	8	UG/M3	8.0	U
EPD-WA-04-092323	TO-15	110-54-3	HEXANE	2.7	U	0.24	2.7	UG/M3	2.7	U
EPD-WA-04-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.33	J	0.33	1	UG/M3	0.33	J
EPD-WA-04-092323	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-04-092323	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-WA-04-092323	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-04-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-04-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-04-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.088	0.21	UG/M3	0.21	U
EPD-WA-04-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.057	0.16	UG/M3	0.16	U
EPD-WA-04-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-04-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.023	0.06	UG/M3	0.060	U
EPD-WA-04-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.082	0.23	UG/M3	0.23	U
EPD-WA-04-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.047	J	0.031	0.12	UG/M3	0.047	J
EPD-WA-04-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-04-092323	TO-15 SIM	71-43-2	BENZENE	0.3		0.027	0.24	UG/M3	0.30	
EPD-WA-04-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.04	0.19	UG/M3	0.47	
EPD-WA-04-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-04-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.022	0.15	UG/M3	0.076	J
EPD-WA-04-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.9	J	0.31	1.6	UG/M3	0.90	J
EPD-WA-04-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-04-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.055	J	0.013	0.13	UG/M3	0.055	J
EPD-WA-04-092323	TO-15 SIM	76-14-2	FREON 114	0.14	J	0.017	0.21	UG/M3	0.14	J
EPD-WA-04-092323	TO-15 SIM	75-71-8	FREON 12	2.5		0.027	0.37	UG/M3	2.5	
EPD-WA-04-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.15	J	0.008	0.26	UG/M3	0.26	U
EPD-WA-04-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-04-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.4	U	0.11	0.4	UG/M3	0.40	U
EPD-WA-04-092323	TO-15 SIM	95-47-6	O-XYLENE	0.059	J	0.011	0.13	UG/M3	0.059	J
EPD-WA-04-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.14	J	0.11	0.2	UG/M3	0.14	J
EPD-WA-04-092323	TO-15 SIM	108-88-3	TOLUENE	0.62		0.015	0.28	UG/M3	0.62	
EPD-WA-04-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6	U	0.014	0.6	UG/M3	0.60	U
EPD-WA-04-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.011	0.038	UG/M3	0.038	U
EPD-WA-05-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.2	5.2	UG/M3	5.2	U
EPD-WA-05-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.24	J	0.17	0.69	UG/M3	0.24	J
EPD-WA-05-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-WA-05-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-05-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-05-092323	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U
EPD-WA-05-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.084	0.85	UG/M3	0.85	U
EPD-WA-05-092323	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.073	0.51	UG/M3	0.51	U
EPD-WA-05-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.44	J	0.21	3.3	UG/M3	0.44	J
EPD-WA-05-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.43	J	0.36	2.1	UG/M3	0.43	J
EPD-WA-05-092323	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-WA-05-092323	TO-15	67-63-0	2-PROPANOL	6.9	U	0.17	6.9	UG/M3	6.9	U
EPD-WA-05-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	UJ	0.2	2.2	UG/M3	2.2	UJ
EPD-WA-05-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.19	J	0.12	0.69	UG/M3	0.19	J
EPD-WA-05-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-05-092323	TO-15	67-64-1	ACETONE	5.5	J	0.5	6.7	UG/M3	5.5	J
EPD-WA-05-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73	U	0.21	0.73	UG/M3	0.73	U
EPD-WA-05-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-05-092323	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-05-092323	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-05-092323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.097	2.2	UG/M3	2.2	U
EPD-WA-05-092323	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.075	0.65	UG/M3	0.65	U
EPD-WA-05-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-05-092323	TO-15	98-82-8	CUMENE	0.69	U	0.064	0.69	UG/M3	0.69	U
EPD-WA-05-092323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-WA-05-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-05-092323	TO-15	64-17-5	ETHANOL	4.4	J	0.68	5.3	UG/M3	4.4	J
EPD-WA-05-092323	TO-15	75-69-4	FREON 11	1.4		0.12	0.79	UG/M3	1.4	
EPD-WA-05-092323	TO-15	76-13-1	FREON 113	0.52	J	0.11	1.1	UG/M3	0.52	J
EPD-WA-05-092323	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-05-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.49	7.5	UG/M3	7.5	U
EPD-WA-05-092323	TO-15	110-54-3	HEXANE	0.41	J	0.22	2.5	UG/M3	0.41	J
EPD-WA-05-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.33	J	0.3	0.98	UG/M3	0.33	J
EPD-WA-05-092323	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.16	0.69	UG/M3	0.69	U
EPD-WA-05-092323	TO-15	100-42-5	STYRENE	0.6	U	0.098	0.6	UG/M3	0.60	U
EPD-WA-05-092323	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-05-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-05-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.02	0.15	UG/M3	0.15 U	
EPD-WA-05-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.082	0.19	UG/M3	0.19 U	
EPD-WA-05-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.053	0.15	UG/M3	0.15 U	
EPD-WA-05-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.016	0.11	UG/M3	0.11 U	
EPD-WA-05-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.021	0.056	UG/M3	0.056 U	
EPD-WA-05-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.076	0.22	UG/M3	0.22 U	
EPD-WA-05-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.047 J		0.029	0.11	UG/M3	0.047 J	
EPD-WA-05-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.06	0.17	UG/M3	0.17 U	
EPD-WA-05-092323	TO-15 SIM	71-43-2	BENZENE	0.44		0.025	0.22	UG/M3	0.44	
EPD-WA-05-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.038	0.18	UG/M3	0.47	
EPD-WA-05-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.02	0.19	UG/M3	0.19 U	
EPD-WA-05-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.094 J		0.02	0.14	UG/M3	0.094 J	
EPD-WA-05-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.9 J		0.29	1.4	UG/M3	0.90 J	
EPD-WA-05-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.01	0.11	UG/M3	0.11 U	
EPD-WA-05-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11 J		0.012	0.12	UG/M3	0.11 J	
EPD-WA-05-092323	TO-15 SIM	76-14-2	FREON 114	0.12 J		0.016	0.2	UG/M3	0.12 J	
EPD-WA-05-092323	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.35	UG/M3	2.4	
EPD-WA-05-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.38		0.0075	0.24	UG/M3	0.38	
EPD-WA-05-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.014	0.51	UG/M3	0.51 U	
EPD-WA-05-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.15 J		0.11	0.37	UG/M3	0.15 J	
EPD-WA-05-092323	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.01	0.12	UG/M3	0.14	
EPD-WA-05-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19 U		0.1	0.19	UG/M3	0.19 U	
EPD-WA-05-092323	TO-15 SIM	108-88-3	TOLUENE	0.83		0.014	0.26	UG/M3	0.83	
EPD-WA-05-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.013	0.56	UG/M3	0.56 U	
EPD-WA-05-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.021	0.15	UG/M3	0.15 U	
EPD-WA-05-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.01	0.036	UG/M3	0.036 U	
EPD-WA-11-092323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		1.1	5.2	UG/M3	5.2 U	
EPD-WA-11-092323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69 U		0.16	0.69	UG/M3	0.69 U	
EPD-WA-11-092323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.13	0.84	UG/M3	0.84 U	
EPD-WA-11-092323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-11-092323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.14	0.69	UG/M3	0.69 U	
EPD-WA-11-092323	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.042	0.31	UG/M3	0.31 U	
EPD-WA-11-092323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.084	0.84	UG/M3	0.84 U	
EPD-WA-11-092323	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.073	0.5	UG/M3	0.50 U	
EPD-WA-11-092323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.4 J		0.21	3.3	UG/M3	0.40 J	
EPD-WA-11-092323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.48 J		0.35	2.1	UG/M3	0.48 J	
EPD-WA-11-092323	TO-15	591-78-6	2-HEXANONE	2.9 U		0.54	2.9	UG/M3	2.9 U	
EPD-WA-11-092323	TO-15	67-63-0	2-PROPANOL	6.9 U		0.17	6.9	UG/M3	6.9 U	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-11-092323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	UJ	0.19	2.2	UG/M3	2.2	UJ
EPD-WA-11-092323	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.12	0.69	UG/M3	0.16	J
EPD-WA-11-092323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.18	0.57	UG/M3	0.57	U
EPD-WA-11-092323	TO-15	67-64-1	ACETONE	7.6		0.5	6.6	UG/M3	7.6	
EPD-WA-11-092323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U
EPD-WA-11-092323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-11-092323	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-11-092323	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-11-092323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-11-092323	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-11-092323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-11-092323	TO-15	98-82-8	CUMENE	0.69	U	0.064	0.69	UG/M3	0.69	U
EPD-WA-11-092323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-WA-11-092323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-11-092323	TO-15	64-17-5	ETHANOL	1.9	J	0.67	5.3	UG/M3	1.9	J
EPD-WA-11-092323	TO-15	75-69-4	FREON 11	1.3		0.12	0.79	UG/M3	1.3	
EPD-WA-11-092323	TO-15	76-13-1	FREON 113	0.48	J	0.11	1.1	UG/M3	0.48	J
EPD-WA-11-092323	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-11-092323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.49	7.5	UG/M3	7.5	U
EPD-WA-11-092323	TO-15	110-54-3	HEXANE	0.28	J	0.22	2.5	UG/M3	0.28	J
EPD-WA-11-092323	TO-15	75-09-2	METHYLENE CHLORIDE	0.36	J	0.3	0.97	UG/M3	0.36	J
EPD-WA-11-092323	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.16	0.69	UG/M3	0.69	U
EPD-WA-11-092323	TO-15	100-42-5	STYRENE	0.6	U	0.097	0.6	UG/M3	0.60	U
EPD-WA-11-092323	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-11-092323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-11-092323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-11-092323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-11-092323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-11-092323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.082	0.19	UG/M3	0.19	U
EPD-WA-11-092323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-WA-11-092323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-11-092323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.021	0.056	UG/M3	0.056	U
EPD-WA-11-092323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.076	0.22	UG/M3	0.22	U
EPD-WA-11-092323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.044	J	0.029	0.11	UG/M3	0.044	J
EPD-WA-11-092323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-WA-11-092323	TO-15 SIM	71-43-2	BENZENE	0.5		0.025	0.22	UG/M3	0.50	
EPD-WA-11-092323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.037	0.18	UG/M3	0.48	
EPD-WA-11-092323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-11-092323	TO-15 SIM	67-66-3	CHLOROFORM	0.082	J	0.02	0.14	UG/M3	0.082	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-11-092323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.84	J	0.29	1.4	UG/M3	0.84	J
EPD-WA-11-092323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-11-092323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.012	0.12	UG/M3	0.11	J
EPD-WA-11-092323	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-11-092323	TO-15 SIM	75-71-8	FREON 12	2.4		0.025	0.35	UG/M3	2.4	
EPD-WA-11-092323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.28		0.0074	0.24	UG/M3	0.28	
EPD-WA-11-092323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-11-092323	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-WA-11-092323	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.01	0.12	UG/M3	0.11	J
EPD-WA-11-092323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.72		0.1	0.19	UG/M3	0.72	
EPD-WA-11-092323	TO-15 SIM	108-88-3	TOLUENE	0.93		0.014	0.26	UG/M3	0.93	
EPD-WA-11-092323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.05	J	0.013	0.56	UG/M3	0.050	J
EPD-WA-11-092323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-11-092323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2201b		
Laboratory Report No.	2309470	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples including one field duplicate pair		
Collection Date(s)	09/24/2023		
Field Duplicate Pairs	EPD-WA-04-092423/EPD-WA-44-092423		
Field QC Blanks	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:

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

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

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2309470-10B): Naphthalene was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). Naphthalene was detected in samples EPD-UW-C-092423, EPD-WA-04-092423 and EPD-WA-06-092423 below the RL; therefore, these results were qualified as nondetect (flagged U) at the RL. These results were further qualified as estimated (flagged UJ) due to a low continuing calibration recovery. All remaining naphthalene sample results were nondetect; therefore, no qualifications were necessary due to blank contamination.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

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

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	Field duplicate precision was not met for acetone. The acetone results for samples EPD-WA-04-092423 and EPD-WA-44-092423 were qualified as estimated (flagged J).

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.38 to 1.71. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

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

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	The continuing calibration verification percent recovery for naphthalene was below the acceptance limit. All naphthalene results were qualified as estimated (flagged UJ).

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

Overall Qualifications:

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

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

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309470

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		2.8	5.1	UG/M3	5.1 U	
EPD-DW-G-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68 U		0.18	0.68	UG/M3	0.68 U	
EPD-DW-G-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83 U		0.16	0.83	UG/M3	0.83 U	
EPD-DW-G-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.2	0.64	UG/M3	0.64 U	
EPD-DW-G-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.17	0.68	UG/M3	0.68 U	
EPD-DW-G-092423	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.13	0.3	UG/M3	0.30 U	
EPD-DW-G-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83 U		0.18	0.83	UG/M3	0.83 U	
EPD-DW-G-092423	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-DW-G-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.96	3.2	UG/M3	3.2 U	
EPD-DW-G-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42 J		0.2	2	UG/M3	0.42 J	
EPD-DW-G-092423	TO-15	591-78-6	2-HEXANONE	2.8 U		0.64	2.8	UG/M3	2.8 U	
EPD-DW-G-092423	TO-15	67-63-0	2-PROPANOL	0.63 J		0.52	6.8	UG/M3	0.63 J	
EPD-DW-G-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-DW-G-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-DW-G-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56 U		0.11	0.56	UG/M3	0.56 U	
EPD-DW-G-092423	TO-15	67-64-1	ACETONE	5.3 J		1.5	6.6	UG/M3	5.3 J	
EPD-DW-G-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71 U		0.16	0.71	UG/M3	0.71 U	
EPD-DW-G-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92 U		0.2	0.92	UG/M3	0.92 U	
EPD-DW-G-092423	TO-15	75-25-2	BROMOFORM	1.4 U		0.26	1.4	UG/M3	1.4 U	
EPD-DW-G-092423	TO-15	74-83-9	BROMOMETHANE	27 U		1.5	27	UG/M3	27 U	
EPD-DW-G-092423	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		2	2.1	UG/M3	2.1 U	
EPD-DW-G-092423	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-DW-G-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.11	0.63	UG/M3	0.63 U	
EPD-DW-G-092423	TO-15	98-82-8	CUMENE	0.68 U		0.25	0.68	UG/M3	0.68 U	
EPD-DW-G-092423	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.46	2.4	UG/M3	2.4 U	
EPD-DW-G-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.19	1.2	UG/M3	1.2 U	
EPD-DW-G-092423	TO-15	64-17-5	ETHANOL	1.1 J		0.55	5.2	UG/M3	1.1 J	
EPD-DW-G-092423	TO-15	75-69-4	FREON 11	0.87		0.12	0.78	UG/M3	0.87	
EPD-DW-G-092423	TO-15	76-13-1	FREON 113	0.37 J		0.2	1	UG/M3	0.37 J	
EPD-DW-G-092423	TO-15	142-82-5	HEPTANE	2.8 U		0.43	2.8	UG/M3	2.8 U	
EPD-DW-G-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		1.7	7.4	UG/M3	7.4 U	
EPD-DW-G-092423	TO-15	110-54-3	HEXANE	2.4 U		0.58	2.4	UG/M3	2.4 U	
EPD-DW-G-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.36 J		0.21	0.96	UG/M3	0.36 J	
EPD-DW-G-092423	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-DW-G-092423	TO-15	100-42-5	STYRENE	0.59 U		0.16	0.59	UG/M3	0.59 U	
EPD-DW-G-092423	TO-15	109-99-9	TETRAHYDROFURAN	2 U		1.9	2	UG/M3	2.0 U	
EPD-DW-G-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.18	0.63	UG/M3	0.63 U	
EPD-DW-G-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-G-092423	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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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-DW-G-092423	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-G-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.017	0.15	UG/M3	0.15	U
EPD-DW-G-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.02	0.11	UG/M3	0.11	U
EPD-DW-G-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.027	0.055	UG/M3	0.055	U
EPD-DW-G-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.035	0.21	UG/M3	0.21	U
EPD-DW-G-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.038	J	0.0079	0.11	UG/M3	0.038	J
EPD-DW-G-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.059	0.16	UG/M3	0.16	U
EPD-DW-G-092423	TO-15 SIM	71-43-2	BENZENE	0.25		0.018	0.22	UG/M3	0.25	
EPD-DW-G-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.042	0.17	UG/M3	0.37	
EPD-DW-G-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.037	0.18	UG/M3	0.18	U
EPD-DW-G-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.059	J	0.022	0.13	UG/M3	0.059	J
EPD-DW-G-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.7	J	0.25	1.4	UG/M3	0.70	J
EPD-DW-G-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.025	0.11	UG/M3	0.11	U
EPD-DW-G-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.041	J	0.026	0.12	UG/M3	0.041	J
EPD-DW-G-092423	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.063	0.19	UG/M3	0.10	J
EPD-DW-G-092423	TO-15 SIM	75-71-8	FREON 12	1.8		0.036	0.34	UG/M3	1.8	
EPD-DW-G-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.12	J	0.034	0.24	UG/M3	0.12	J
EPD-DW-G-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.03	0.5	UG/M3	0.50	U
EPD-DW-G-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.038	0.36	UG/M3	0.36	U
EPD-DW-G-092423	TO-15 SIM	95-47-6	O-XYLENE	0.047	J	0.035	0.12	UG/M3	0.047	J
EPD-DW-G-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.025	0.19	UG/M3	0.19	U
EPD-DW-G-092423	TO-15 SIM	108-88-3	TOLUENE	0.22	J	0.037	0.26	UG/M3	0.22	J
EPD-DW-G-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.029	J	0.026	0.55	UG/M3	0.029	J
EPD-DW-G-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.023	J	0.012	0.15	UG/M3	0.023	J
EPD-DW-G-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.014	0.035	UG/M3	0.035	U
EPD-UW-C-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	2.8	5.2	UG/M3	5.2	U
EPD-UW-C-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69	U	0.19	0.69	UG/M3	0.69	U
EPD-UW-C-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.17	0.85	UG/M3	0.85	U
EPD-UW-C-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.2	0.65	UG/M3	0.65	U
EPD-UW-C-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.17	0.69	UG/M3	0.69	U
EPD-UW-C-092423	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-UW-C-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.18	0.85	UG/M3	0.85	U
EPD-UW-C-092423	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3	0.51	U
EPD-UW-C-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.98	3.3	UG/M3	3.3	U
EPD-UW-C-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.52	J	0.21	2.1	UG/M3	0.52	J
EPD-UW-C-092423	TO-15	591-78-6	2-HEXANONE	2.9	U	0.65	2.9	UG/M3	2.9	U
EPD-UW-C-092423	TO-15	67-63-0	2-PROPANOL	6.9	U	0.53	6.9	UG/M3	6.9	U
EPD-UW-C-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.61	2.2	UG/M3	2.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309470

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.69	U	0.2	0.69	UG/M3	0.69	U
EPD-UW-C-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.11	0.58	UG/M3	0.58	U
EPD-UW-C-092423	TO-15	67-64-1	ACETONE	3.9	J	1.5	6.7	UG/M3	3.9	J
EPD-UW-C-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-UW-C-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.2	0.94	UG/M3	0.94	U
EPD-UW-C-092423	TO-15	75-25-2	BROMOFORM	1.4	U	0.27	1.4	UG/M3	1.4	U
EPD-UW-C-092423	TO-15	74-83-9	BROMOMETHANE	27	U	1.6	27	UG/M3	27	U
EPD-UW-C-092423	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-UW-C-092423	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-UW-C-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.11	0.64	UG/M3	0.64	U
EPD-UW-C-092423	TO-15	98-82-8	CUMENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-UW-C-092423	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.47	2.4	UG/M3	2.4	U
EPD-UW-C-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.19	1.2	UG/M3	1.2	U
EPD-UW-C-092423	TO-15	64-17-5	ETHANOL	1.8	J	0.56	5.3	UG/M3	1.8	J
EPD-UW-C-092423	TO-15	75-69-4	FREON 11	0.96		0.12	0.79	UG/M3	0.96	
EPD-UW-C-092423	TO-15	76-13-1	FREON 113	0.38	J	0.21	1.1	UG/M3	0.38	J
EPD-UW-C-092423	TO-15	142-82-5	HEPTANE	2.9	U	0.44	2.9	UG/M3	2.9	U
EPD-UW-C-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	1.7	7.5	UG/M3	7.5	U
EPD-UW-C-092423	TO-15	110-54-3	HEXANE	2.5	U	0.6	2.5	UG/M3	2.5	U
EPD-UW-C-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.35	J	0.22	0.98	UG/M3	0.35	J
EPD-UW-C-092423	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.21	0.69	UG/M3	0.69	U
EPD-UW-C-092423	TO-15	100-42-5	STYRENE	0.6	U	0.16	0.6	UG/M3	0.60	U
EPD-UW-C-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3	2.1	U
EPD-UW-C-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3	0.64	U
EPD-UW-C-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-C-092423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-C-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.03	0.15	UG/M3	0.15	U
EPD-UW-C-092423	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-C-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3	0.15	U
EPD-UW-C-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.02	0.11	UG/M3	0.11	U
EPD-UW-C-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-UW-C-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.036	0.22	UG/M3	0.22	U
EPD-UW-C-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04	J	0.008	0.11	UG/M3	0.040	J
EPD-UW-C-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-UW-C-092423	TO-15 SIM	71-43-2	BENZENE	0.22	J	0.018	0.22	UG/M3	0.22	J
EPD-UW-C-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.042	0.18	UG/M3	0.38	
EPD-UW-C-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.038	0.19	UG/M3	0.19	U
EPD-UW-C-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.06	J	0.023	0.14	UG/M3	0.060	J
EPD-UW-C-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.71	J	0.26	1.4	UG/M3	0.71	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.026	0.11	UG/M3	0.11	U
EPD-UW-C-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.04	J	0.027	0.12	UG/M3	0.040	J
EPD-UW-C-092423	TO-15 SIM	76-14-2	FREON 114	0.095	J	0.064	0.2	UG/M3	0.095	J
EPD-UW-C-092423	TO-15 SIM	75-71-8	FREON 12	1.8		0.037	0.35	UG/M3	1.8	
EPD-UW-C-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.11	J	0.035	0.24	UG/M3	0.11	J
EPD-UW-C-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.031	0.51	UG/M3	0.51	U
EPD-UW-C-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.05	J	0.039	0.37	UG/M3	0.37	UJ
EPD-UW-C-092423	TO-15 SIM	95-47-6	O-XYLENE	0.048	J	0.036	0.12	UG/M3	0.048	J
EPD-UW-C-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.028	J	0.025	0.19	UG/M3	0.028	J
EPD-UW-C-092423	TO-15 SIM	108-88-3	TOLUENE	0.24	J	0.038	0.26	UG/M3	0.24	J
EPD-UW-C-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.027	0.56	UG/M3	0.56	U
EPD-UW-C-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-UW-C-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.015	0.036	UG/M3	0.036	U
EPD-WA-01-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	3	5.5	UG/M3	5.5	U
EPD-WA-01-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73	U	0.2	0.73	UG/M3	0.73	U
EPD-WA-01-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.18	0.89	UG/M3	0.89	U
EPD-WA-01-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.22	0.68	UG/M3	0.68	U
EPD-WA-01-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.18	0.73	UG/M3	0.73	U
EPD-WA-01-092423	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.14	0.33	UG/M3	0.33	U
EPD-WA-01-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.2	0.89	UG/M3	0.89	U
EPD-WA-01-092423	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.16	0.53	UG/M3	0.53	U
EPD-WA-01-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	1	3.4	UG/M3	3.4	U
EPD-WA-01-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.36	J	0.22	2.2	UG/M3	0.36	J
EPD-WA-01-092423	TO-15	591-78-6	2-HEXANONE	3	U	0.68	3	UG/M3	3.0	U
EPD-WA-01-092423	TO-15	67-63-0	2-PROPANOL	0.58	J	0.56	7.3	UG/M3	0.58	J
EPD-WA-01-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.64	2.3	UG/M3	2.3	U
EPD-WA-01-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.73	U	0.2	0.73	UG/M3	0.73	U
EPD-WA-01-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.12	0.61	UG/M3	0.61	U
EPD-WA-01-092423	TO-15	67-64-1	ACETONE	5.9	J	1.6	7	UG/M3	5.9	J
EPD-WA-01-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.17	0.77	UG/M3	0.77	U
EPD-WA-01-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.21	0.99	UG/M3	0.99	U
EPD-WA-01-092423	TO-15	75-25-2	BROMOFORM	1.5	U	0.28	1.5	UG/M3	1.5	U
EPD-WA-01-092423	TO-15	74-83-9	BROMOMETHANE	29	U	1.6	29	UG/M3	29	U
EPD-WA-01-092423	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	2.2	2.3	UG/M3	2.3	U
EPD-WA-01-092423	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.19	0.68	UG/M3	0.68	U
EPD-WA-01-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.12	0.67	UG/M3	0.67	U
EPD-WA-01-092423	TO-15	98-82-8	CUMENE	0.73	U	0.27	0.73	UG/M3	0.73	U
EPD-WA-01-092423	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.5	2.5	UG/M3	2.5	U
EPD-WA-01-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092423	TO-15	64-17-5	ETHANOL	1 J		0.59	5.6	UG/M3	1.0 J	
EPD-WA-01-092423	TO-15	75-69-4	FREON 11	0.9		0.13	0.83	UG/M3	0.90	
EPD-WA-01-092423	TO-15	76-13-1	FREON 113	0.49 J		0.22	1.1	UG/M3	0.49 J	
EPD-WA-01-092423	TO-15	142-82-5	HEPTANE	3 U		0.46	3	UG/M3	3.0 U	
EPD-WA-01-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		1.8	7.9	UG/M3	7.9 U	
EPD-WA-01-092423	TO-15	110-54-3	HEXANE	2.6 U		0.63	2.6	UG/M3	2.6 U	
EPD-WA-01-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.32 J		0.23	1	UG/M3	0.32 J	
EPD-WA-01-092423	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.22	0.73	UG/M3	0.73 U	
EPD-WA-01-092423	TO-15	100-42-5	STYRENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-01-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-01-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.2	0.67	UG/M3	0.67 U	
EPD-WA-01-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-092423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.031	0.16	UG/M3	0.16 U	
EPD-WA-01-092423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.053	0.2	UG/M3	0.20 U	
EPD-WA-01-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.018	0.16	UG/M3	0.16 U	
EPD-WA-01-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.021	0.12	UG/M3	0.12 U	
EPD-WA-01-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.029	0.059	UG/M3	0.059 U	
EPD-WA-01-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.038	0.23	UG/M3	0.23 U	
EPD-WA-01-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034 J		0.0084	0.12	UG/M3	0.034 J	
EPD-WA-01-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 U		0.064	0.18	UG/M3	0.18 U	
EPD-WA-01-092423	TO-15 SIM	71-43-2	BENZENE	0.28		0.019	0.24	UG/M3	0.28	
EPD-WA-01-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.35		0.045	0.19	UG/M3	0.35	
EPD-WA-01-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.04	0.2	UG/M3	0.20 U	
EPD-WA-01-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.06 J		0.024	0.14	UG/M3	0.060 J	
EPD-WA-01-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.71 J		0.27	1.5	UG/M3	0.71 J	
EPD-WA-01-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.027	0.12	UG/M3	0.12 U	
EPD-WA-01-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.052 J		0.028	0.13	UG/M3	0.052 J	
EPD-WA-01-092423	TO-15 SIM	76-14-2	FREON 114	0.091 J		0.067	0.21	UG/M3	0.091 J	
EPD-WA-01-092423	TO-15 SIM	75-71-8	FREON 12	1.8		0.039	0.36	UG/M3	1.8	
EPD-WA-01-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.15 J		0.036	0.26	UG/M3	0.15 J	
EPD-WA-01-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53 U		0.032	0.53	UG/M3	0.53 U	
EPD-WA-01-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.041	0.39	UG/M3	0.39 UJ	
EPD-WA-01-092423	TO-15 SIM	95-47-6	O-XYLENE	0.059 J		0.037	0.13	UG/M3	0.059 J	
EPD-WA-01-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.033 J		0.027	0.2	UG/M3	0.033 J	
EPD-WA-01-092423	TO-15 SIM	108-88-3	TOLUENE	0.31		0.04	0.28	UG/M3	0.31	
EPD-WA-01-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.028	0.59	UG/M3	0.59 U	
EPD-WA-01-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16 U		0.013	0.16	UG/M3	0.16 U	
EPD-WA-01-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.016	0.038	UG/M3	0.038 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5 U		3	5.5	UG/M3	5.5 U	
EPD-WA-02-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73 U		0.2	0.73	UG/M3	0.73 U	
EPD-WA-02-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9 U		0.18	0.9	UG/M3	0.90 U	
EPD-WA-02-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69 U		0.22	0.69	UG/M3	0.69 U	
EPD-WA-02-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73 U		0.18	0.73	UG/M3	0.73 U	
EPD-WA-02-092423	TO-15	106-99-0	1,3-BUTADIENE	0.33 U		0.14	0.33	UG/M3	0.33 U	
EPD-WA-02-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9 U		0.2	0.9	UG/M3	0.90 U	
EPD-WA-02-092423	TO-15	123-91-1	1,4-DIOXANE	0.54 U		0.16	0.54	UG/M3	0.54 U	
EPD-WA-02-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5 U		1	3.5	UG/M3	3.5 U	
EPD-WA-02-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.43 J		0.22	2.2	UG/M3	0.43 J	
EPD-WA-02-092423	TO-15	591-78-6	2-HEXANONE	3 U		0.68	3	UG/M3	3.0 U	
EPD-WA-02-092423	TO-15	67-63-0	2-PROPANOL	7.3 U		0.56	7.3	UG/M3	7.3 U	
EPD-WA-02-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.64	2.3	UG/M3	2.3 U	
EPD-WA-02-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.73 U		0.21	0.73	UG/M3	0.73 U	
EPD-WA-02-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-02-092423	TO-15	67-64-1	ACETONE	3.2 J		1.6	7.1	UG/M3	3.2 J	
EPD-WA-02-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77 U		0.18	0.77	UG/M3	0.77 U	
EPD-WA-02-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	1 U		0.21	1	UG/M3	1.0 U	
EPD-WA-02-092423	TO-15	75-25-2	BROMOFORM	1.5 U		0.28	1.5	UG/M3	1.5 U	
EPD-WA-02-092423	TO-15	74-83-9	BROMOMETHANE	29 U		1.7	29	UG/M3	29 U	
EPD-WA-02-092423	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		2.2	2.3	UG/M3	2.3 U	
EPD-WA-02-092423	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-WA-02-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-WA-02-092423	TO-15	98-82-8	CUMENE	0.73 U		0.27	0.73	UG/M3	0.73 U	
EPD-WA-02-092423	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.5	2.6	UG/M3	2.6 U	
EPD-WA-02-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.2	1.3	UG/M3	1.3 U	
EPD-WA-02-092423	TO-15	64-17-5	ETHANOL	1.5 J		0.59	5.6	UG/M3	1.5 J	
EPD-WA-02-092423	TO-15	75-69-4	FREON 11	0.82 J		0.13	0.84	UG/M3	0.82 J	
EPD-WA-02-092423	TO-15	76-13-1	FREON 113	0.36 J		0.22	1.1	UG/M3	0.36 J	
EPD-WA-02-092423	TO-15	142-82-5	HEPTANE	3 U		0.47	3	UG/M3	3.0 U	
EPD-WA-02-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 U		1.8	7.9	UG/M3	7.9 U	
EPD-WA-02-092423	TO-15	110-54-3	HEXANE	2.6 U		0.63	2.6	UG/M3	2.6 U	
EPD-WA-02-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.26 J		0.23	1	UG/M3	0.26 J	
EPD-WA-02-092423	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.22	0.73	UG/M3	0.73 U	
EPD-WA-02-092423	TO-15	100-42-5	STYRENE	0.63 U		0.17	0.63	UG/M3	0.63 U	
EPD-WA-02-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		2.1	2.2	UG/M3	2.2 U	
EPD-WA-02-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.2	0.68	UG/M3	0.68 U	
EPD-WA-02-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-092423	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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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.032	0.16	UG/M3	0.16	U
EPD-WA-02-092423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.053	0.2	UG/M3	0.20	U
EPD-WA-02-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.019	0.16	UG/M3	0.16	U
EPD-WA-02-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3	0.12	U
EPD-WA-02-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.03	0.059	UG/M3	0.059	U
EPD-WA-02-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.038	0.23	UG/M3	0.23	U
EPD-WA-02-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.031	J	0.0085	0.12	UG/M3	0.031	J
EPD-WA-02-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-02-092423	TO-15 SIM	71-43-2	BENZENE	0.34		0.019	0.24	UG/M3	0.34	
EPD-WA-02-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.33		0.045	0.19	UG/M3	0.33	
EPD-WA-02-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.04	0.2	UG/M3	0.20	U
EPD-WA-02-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.057	J	0.024	0.14	UG/M3	0.057	J
EPD-WA-02-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64	J	0.27	1.5	UG/M3	0.64	J
EPD-WA-02-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.028	0.12	UG/M3	0.12	U
EPD-WA-02-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.093	J	0.028	0.13	UG/M3	0.093	J
EPD-WA-02-092423	TO-15 SIM	76-14-2	FREON 114	0.086	J	0.068	0.21	UG/M3	0.086	J
EPD-WA-02-092423	TO-15 SIM	75-71-8	FREON 12	1.7		0.039	0.37	UG/M3	1.7	
EPD-WA-02-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.3		0.037	0.26	UG/M3	0.30	
EPD-WA-02-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.033	0.54	UG/M3	0.54	U
EPD-WA-02-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.041	0.39	UG/M3	0.39	U
EPD-WA-02-092423	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.038	0.13	UG/M3	0.11	J
EPD-WA-02-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.027	0.2	UG/M3	0.20	U
EPD-WA-02-092423	TO-15 SIM	108-88-3	TOLUENE	0.4		0.04	0.28	UG/M3	0.40	
EPD-WA-02-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.028	0.59	UG/M3	0.59	U
EPD-WA-02-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-02-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.016	0.038	UG/M3	0.038	U
EPD-WA-03-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	2.8	5.2	UG/M3	5.2	U
EPD-WA-03-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69	U	0.18	0.69	UG/M3	0.69	U
EPD-WA-03-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.17	0.84	UG/M3	0.84	U
EPD-WA-03-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.2	0.65	UG/M3	0.65	U
EPD-WA-03-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.17	0.69	UG/M3	0.69	U
EPD-WA-03-092423	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-03-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-03-092423	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.15	0.5	UG/M3	0.50	U
EPD-WA-03-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.97	3.3	UG/M3	3.3	U
EPD-WA-03-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42	J	0.21	2.1	UG/M3	0.42	J
EPD-WA-03-092423	TO-15	591-78-6	2-HEXANONE	2.9	U	0.64	2.9	UG/M3	2.9	U
EPD-WA-03-092423	TO-15	67-63-0	2-PROPANOL	6.9	U	0.53	6.9	UG/M3	6.9	U
EPD-WA-03-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.6	2.2	UG/M3	2.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.69	U	0.19	0.69	UG/M3	0.69	U
EPD-WA-03-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.11	0.57	UG/M3	0.57	U
EPD-WA-03-092423	TO-15	67-64-1	ACETONE	4	J	1.5	6.6	UG/M3	4.0	J
EPD-WA-03-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.16	0.72	UG/M3	0.72	U
EPD-WA-03-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.2	0.94	UG/M3	0.94	U
EPD-WA-03-092423	TO-15	75-25-2	BROMOFORM	1.4	U	0.26	1.4	UG/M3	1.4	U
EPD-WA-03-092423	TO-15	74-83-9	BROMOMETHANE	27	U	1.6	27	UG/M3	27	U
EPD-WA-03-092423	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2	2.2	UG/M3	2.2	U
EPD-WA-03-092423	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.18	0.64	UG/M3	0.64	U
EPD-WA-03-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.11	0.64	UG/M3	0.64	U
EPD-WA-03-092423	TO-15	98-82-8	CUMENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-WA-03-092423	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.47	2.4	UG/M3	2.4	U
EPD-WA-03-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.19	1.2	UG/M3	1.2	U
EPD-WA-03-092423	TO-15	64-17-5	ETHANOL	1.5	J	0.56	5.3	UG/M3	1.5	J
EPD-WA-03-092423	TO-15	75-69-4	FREON 11	0.94		0.12	0.79	UG/M3	0.94	
EPD-WA-03-092423	TO-15	76-13-1	FREON 113	0.39	J	0.2	1.1	UG/M3	0.39	J
EPD-WA-03-092423	TO-15	142-82-5	HEPTANE	2.9	U	0.44	2.9	UG/M3	2.9	U
EPD-WA-03-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	1.7	7.5	UG/M3	7.5	U
EPD-WA-03-092423	TO-15	110-54-3	HEXANE	2.5	U	0.59	2.5	UG/M3	2.5	U
EPD-WA-03-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.33	J	0.22	0.97	UG/M3	0.33	J
EPD-WA-03-092423	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.21	0.69	UG/M3	0.69	U
EPD-WA-03-092423	TO-15	100-42-5	STYRENE	0.6	U	0.16	0.6	UG/M3	0.60	U
EPD-WA-03-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	2	2.1	UG/M3	2.1	U
EPD-WA-03-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3	0.64	U
EPD-WA-03-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-092423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.03	0.15	UG/M3	0.15	U
EPD-WA-03-092423	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-03-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.017	0.15	UG/M3	0.15	U
EPD-WA-03-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.02	0.11	UG/M3	0.11	U
EPD-WA-03-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-WA-03-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.036	0.22	UG/M3	0.22	U
EPD-WA-03-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034	J	0.008	0.11	UG/M3	0.034	J
EPD-WA-03-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-WA-03-092423	TO-15 SIM	71-43-2	BENZENE	0.28		0.018	0.22	UG/M3	0.28	
EPD-WA-03-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.042	0.18	UG/M3	0.36	
EPD-WA-03-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.038	0.18	UG/M3	0.18	U
EPD-WA-03-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.06	J	0.022	0.14	UG/M3	0.060	J
EPD-WA-03-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.72	J	0.26	1.4	UG/M3	0.72	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.026	0.11	UG/M3	0.11	U
EPD-WA-03-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.042	J	0.027	0.12	UG/M3	0.042	J
EPD-WA-03-092423	TO-15 SIM	76-14-2	FREON 114	0.085	J	0.064	0.2	UG/M3	0.085	J
EPD-WA-03-092423	TO-15 SIM	75-71-8	FREON 12	1.8		0.037	0.35	UG/M3	1.8	
EPD-WA-03-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.1	J	0.034	0.24	UG/M3	0.10	J
EPD-WA-03-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.031	0.5	UG/M3	0.50	U
EPD-WA-03-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.039	0.37	UG/M3	0.37	U
EPD-WA-03-092423	TO-15 SIM	95-47-6	O-XYLENE	0.042	J	0.035	0.12	UG/M3	0.042	J
EPD-WA-03-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.025	0.19	UG/M3	0.19	U
EPD-WA-03-092423	TO-15 SIM	108-88-3	TOLUENE	0.23	J	0.038	0.26	UG/M3	0.23	J
EPD-WA-03-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.027	0.56	UG/M3	0.56	U
EPD-WA-03-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-03-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.015	0.036	UG/M3	0.036	U
EPD-WA-04-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	3	5.5	UG/M3	5.5	U
EPD-WA-04-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73	U	0.2	0.73	UG/M3	0.73	U
EPD-WA-04-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.18	0.9	UG/M3	0.90	U
EPD-WA-04-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.22	0.69	UG/M3	0.69	U
EPD-WA-04-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.18	0.73	UG/M3	0.73	U
EPD-WA-04-092423	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.14	0.33	UG/M3	0.33	U
EPD-WA-04-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.2	0.9	UG/M3	0.90	U
EPD-WA-04-092423	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.16	0.54	UG/M3	0.54	U
EPD-WA-04-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	1	3.5	UG/M3	3.5	U
EPD-WA-04-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1	J	0.22	2.2	UG/M3	1.0	J
EPD-WA-04-092423	TO-15	591-78-6	2-HEXANONE	3	U	0.68	3	UG/M3	3.0	U
EPD-WA-04-092423	TO-15	67-63-0	2-PROPANOL	1.8	J	0.56	7.3	UG/M3	1.8	J
EPD-WA-04-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.64	2.3	UG/M3	2.3	U
EPD-WA-04-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.73	U	0.21	0.73	UG/M3	0.73	U
EPD-WA-04-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.12	0.61	UG/M3	0.61	U
EPD-WA-04-092423	TO-15	67-64-1	ACETONE	12		1.6	7.1	UG/M3	12	J
EPD-WA-04-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.18	0.77	UG/M3	0.77	U
EPD-WA-04-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.21	1	UG/M3	1.0	U
EPD-WA-04-092423	TO-15	75-25-2	BROMOFORM	1.5	U	0.28	1.5	UG/M3	1.5	U
EPD-WA-04-092423	TO-15	74-83-9	BROMOMETHANE	29	U	1.7	29	UG/M3	29	U
EPD-WA-04-092423	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	2.2	2.3	UG/M3	2.3	U
EPD-WA-04-092423	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.19	0.68	UG/M3	0.68	U
EPD-WA-04-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.12	0.68	UG/M3	0.68	U
EPD-WA-04-092423	TO-15	98-82-8	CUMENE	0.73	U	0.27	0.73	UG/M3	0.73	U
EPD-WA-04-092423	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.5	2.6	UG/M3	2.6	U
EPD-WA-04-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092423	TO-15	64-17-5	ETHANOL	0.94	J	0.59	5.6	UG/M3	0.94	J
EPD-WA-04-092423	TO-15	75-69-4	FREON 11	0.99		0.13	0.84	UG/M3	0.99	
EPD-WA-04-092423	TO-15	76-13-1	FREON 113	0.44	J	0.22	1.1	UG/M3	0.44	J
EPD-WA-04-092423	TO-15	142-82-5	HEPTANE	3	U	0.47	3	UG/M3	3.0	U
EPD-WA-04-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	1.8	7.9	UG/M3	7.9	U
EPD-WA-04-092423	TO-15	110-54-3	HEXANE	2.6	U	0.63	2.6	UG/M3	2.6	U
EPD-WA-04-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.37	J	0.23	1	UG/M3	0.37	J
EPD-WA-04-092423	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.22	0.73	UG/M3	0.73	U
EPD-WA-04-092423	TO-15	100-42-5	STYRENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-04-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-WA-04-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.2	0.68	UG/M3	0.68	U
EPD-WA-04-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-092423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.032	0.16	UG/M3	0.16	U
EPD-WA-04-092423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.053	0.2	UG/M3	0.20	U
EPD-WA-04-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.019	0.16	UG/M3	0.16	U
EPD-WA-04-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3	0.12	U
EPD-WA-04-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.03	0.059	UG/M3	0.059	U
EPD-WA-04-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.038	0.23	UG/M3	0.23	U
EPD-WA-04-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.039	J	0.0085	0.12	UG/M3	0.039	J
EPD-WA-04-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-04-092423	TO-15 SIM	71-43-2	BENZENE	0.3		0.019	0.24	UG/M3	0.30	
EPD-WA-04-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.045	0.19	UG/M3	0.39	
EPD-WA-04-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.04	0.2	UG/M3	0.20	U
EPD-WA-04-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.07	J	0.024	0.14	UG/M3	0.070	J
EPD-WA-04-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.72	J	0.27	1.5	UG/M3	0.72	J
EPD-WA-04-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.028	0.12	UG/M3	0.12	U
EPD-WA-04-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.041	J	0.028	0.13	UG/M3	0.041	J
EPD-WA-04-092423	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.068	0.21	UG/M3	0.092	J
EPD-WA-04-092423	TO-15 SIM	75-71-8	FREON 12	1.9		0.039	0.37	UG/M3	1.9	
EPD-WA-04-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.11	J	0.037	0.26	UG/M3	0.11	J
EPD-WA-04-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.033	0.54	UG/M3	0.54	U
EPD-WA-04-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.048	J	0.041	0.39	UG/M3	0.39	UJ
EPD-WA-04-092423	TO-15 SIM	95-47-6	O-XYLENE	0.047	J	0.038	0.13	UG/M3	0.047	J
EPD-WA-04-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.027	0.2	UG/M3	0.20	U
EPD-WA-04-092423	TO-15 SIM	108-88-3	TOLUENE	0.31		0.04	0.28	UG/M3	0.31	
EPD-WA-04-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.12	J	0.028	0.59	UG/M3	0.12	J
EPD-WA-04-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-04-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.016	0.038	UG/M3	0.038	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309470

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	6.3 U		3.4	6.3	UG/M3	6.3 U	
EPD-WA-05-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.84 U		0.23	0.84	UG/M3	0.84 U	
EPD-WA-05-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	1 U		0.2	1	UG/M3	1.0 U	
EPD-WA-05-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.79 U		0.25	0.79	UG/M3	0.79 U	
EPD-WA-05-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.84 U		0.21	0.84	UG/M3	0.84 U	
EPD-WA-05-092423	TO-15	106-99-0	1,3-BUTADIENE	0.38 U		0.16	0.38	UG/M3	0.38 U	
EPD-WA-05-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	1 U		0.22	1	UG/M3	1.0 U	
EPD-WA-05-092423	TO-15	123-91-1	1,4-DIOXANE	0.62 U		0.18	0.62	UG/M3	0.62 U	
EPD-WA-05-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	4 U		1.2	4	UG/M3	4.0 U	
EPD-WA-05-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.27 J		0.25	2.5	UG/M3	0.27 J	
EPD-WA-05-092423	TO-15	591-78-6	2-HEXANONE	3.5 U		0.79	3.5	UG/M3	3.5 U	
EPD-WA-05-092423	TO-15	67-63-0	2-PROPANOL	8.4 U		0.64	8.4	UG/M3	8.4 U	
EPD-WA-05-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.7 U		0.74	2.7	UG/M3	2.7 U	
EPD-WA-05-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.84 U		0.24	0.84	UG/M3	0.84 U	
EPD-WA-05-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-05-092423	TO-15	67-64-1	ACETONE	3.4 J		1.8	8.1	UG/M3	3.4 J	
EPD-WA-05-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.88 U		0.2	0.88	UG/M3	0.88 U	
EPD-WA-05-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	1.1 U		0.24	1.1	UG/M3	1.1 U	
EPD-WA-05-092423	TO-15	75-25-2	BROMOFORM	1.8 U		0.32	1.8	UG/M3	1.8 U	
EPD-WA-05-092423	TO-15	74-83-9	BROMOMETHANE	33 U		1.9	33	UG/M3	33 U	
EPD-WA-05-092423	TO-15	75-15-0	CARBON DISULFIDE	2.7 U		2.5	2.7	UG/M3	2.7 U	
EPD-WA-05-092423	TO-15	108-90-7	CHLOROBENZENE	0.79 U		0.22	0.79	UG/M3	0.79 U	
EPD-WA-05-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.78 U		0.14	0.78	UG/M3	0.78 U	
EPD-WA-05-092423	TO-15	98-82-8	CUMENE	0.84 U		0.31	0.84	UG/M3	0.84 U	
EPD-WA-05-092423	TO-15	110-82-7	CYCLOHEXANE	2.9 U		0.57	2.9	UG/M3	2.9 U	
EPD-WA-05-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.4 U		0.24	1.4	UG/M3	1.4 U	
EPD-WA-05-092423	TO-15	64-17-5	ETHANOL	1.4 J		0.68	6.4	UG/M3	1.4 J	
EPD-WA-05-092423	TO-15	75-69-4	FREON 11	0.92 J		0.15	0.96	UG/M3	0.92 J	
EPD-WA-05-092423	TO-15	76-13-1	FREON 113	0.42 J		0.25	1.3	UG/M3	0.42 J	
EPD-WA-05-092423	TO-15	142-82-5	HEPTANE	3.5 U		0.54	3.5	UG/M3	3.5 U	
EPD-WA-05-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	9.1 U		2.1	9.1	UG/M3	9.1 U	
EPD-WA-05-092423	TO-15	110-54-3	HEXANE	3 U		0.72	3	UG/M3	3.0 U	
EPD-WA-05-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.3 J		0.26	1.2	UG/M3	0.30 J	
EPD-WA-05-092423	TO-15	103-65-1	PROPYLBENZENE	0.84 U		0.25	0.84	UG/M3	0.84 U	
EPD-WA-05-092423	TO-15	100-42-5	STYRENE	0.73 U		0.2	0.73	UG/M3	0.73 U	
EPD-WA-05-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.5 U		2.4	2.5	UG/M3	2.5 U	
EPD-WA-05-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.78 U		0.23	0.78	UG/M3	0.78 U	
EPD-WA-05-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-092423	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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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.19	U	0.036	0.19	UG/M3	0.19	U
EPD-WA-05-092423	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.23	U	0.061	0.23	UG/M3	0.23	U
EPD-WA-05-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-05-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.14	U	0.025	0.14	UG/M3	0.14	U
EPD-WA-05-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.068	U	0.034	0.068	UG/M3	0.068	U
EPD-WA-05-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.26	U	0.043	0.26	UG/M3	0.26	U
EPD-WA-05-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034	J	0.0098	0.14	UG/M3	0.034	J
EPD-WA-05-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2	U	0.074	0.2	UG/M3	0.20	U
EPD-WA-05-092423	TO-15 SIM	71-43-2	BENZENE	0.32		0.022	0.27	UG/M3	0.32	
EPD-WA-05-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.35		0.052	0.22	UG/M3	0.35	
EPD-WA-05-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.22	U	0.046	0.22	UG/M3	0.22	U
EPD-WA-05-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.061	J	0.028	0.17	UG/M3	0.061	J
EPD-WA-05-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.67	J	0.31	1.8	UG/M3	0.67	J
EPD-WA-05-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.14	U	0.032	0.14	UG/M3	0.14	U
EPD-WA-05-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.067	J	0.032	0.15	UG/M3	0.067	J
EPD-WA-05-092423	TO-15 SIM	76-14-2	FREON 114	0.088	J	0.078	0.24	UG/M3	0.088	J
EPD-WA-05-092423	TO-15 SIM	75-71-8	FREON 12	1.7		0.045	0.42	UG/M3	1.7	
EPD-WA-05-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.21	J	0.042	0.3	UG/M3	0.21	J
EPD-WA-05-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.62	U	0.038	0.62	UG/M3	0.62	U
EPD-WA-05-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.45	U	0.047	0.45	UG/M3	0.45	U
EPD-WA-05-092423	TO-15 SIM	95-47-6	O-XYLENE	0.078	J	0.043	0.15	UG/M3	0.078	J
EPD-WA-05-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.23	U	0.031	0.23	UG/M3	0.23	U
EPD-WA-05-092423	TO-15 SIM	108-88-3	TOLUENE	0.42		0.046	0.32	UG/M3	0.42	
EPD-WA-05-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.68	U	0.033	0.68	UG/M3	0.68	U
EPD-WA-05-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.18	U	0.015	0.18	UG/M3	0.18	U
EPD-WA-05-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.044	U	0.018	0.044	UG/M3	0.044	U
EPD-WA-06-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.7	U	3.1	5.7	UG/M3	5.7	U
EPD-WA-06-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.21	J	0.2	0.75	UG/M3	0.21	J
EPD-WA-06-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.92	U	0.18	0.92	UG/M3	0.92	U
EPD-WA-06-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.71	U	0.22	0.71	UG/M3	0.71	U
EPD-WA-06-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.18	0.75	UG/M3	0.75	U
EPD-WA-06-092423	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.14	0.34	UG/M3	0.34	U
EPD-WA-06-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.92	U	0.2	0.92	UG/M3	0.92	U
EPD-WA-06-092423	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.16	0.55	UG/M3	0.55	U
EPD-WA-06-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	1.1	3.6	UG/M3	3.6	U
EPD-WA-06-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.51	J	0.23	2.2	UG/M3	0.51	J
EPD-WA-06-092423	TO-15	591-78-6	2-HEXANONE	3.1	U	0.7	3.1	UG/M3	3.1	U
EPD-WA-06-092423	TO-15	67-63-0	2-PROPANOL	7.5	U	0.58	7.5	UG/M3	7.5	U
EPD-WA-06-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.66	2.4	UG/M3	2.4	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.75	U	0.21	0.75	UG/M3	0.75	U
EPD-WA-06-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.12	0.63	UG/M3	0.63	U
EPD-WA-06-092423	TO-15	67-64-1	ACETONE	4.4	J	1.6	7.3	UG/M3	4.4	J
EPD-WA-06-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.18	0.79	UG/M3	0.79	U
EPD-WA-06-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.22	1	UG/M3	1.0	U
EPD-WA-06-092423	TO-15	75-25-2	BROMOFORM	1.6	U	0.29	1.6	UG/M3	1.6	U
EPD-WA-06-092423	TO-15	74-83-9	BROMOMETHANE	30	U	1.7	30	UG/M3	30	U
EPD-WA-06-092423	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	2.2	2.4	UG/M3	2.4	U
EPD-WA-06-092423	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-06-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.12	0.69	UG/M3	0.69	U
EPD-WA-06-092423	TO-15	98-82-8	CUMENE	0.75	U	0.28	0.75	UG/M3	0.75	U
EPD-WA-06-092423	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.51	2.6	UG/M3	2.6	U
EPD-WA-06-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.21	1.3	UG/M3	1.3	U
EPD-WA-06-092423	TO-15	64-17-5	ETHANOL	5.6	J	0.61	5.8	UG/M3	5.6	J
EPD-WA-06-092423	TO-15	75-69-4	FREON 11	0.92		0.14	0.86	UG/M3	0.92	
EPD-WA-06-092423	TO-15	76-13-1	FREON 113	1.2	U	0.22	1.2	UG/M3	1.2	U
EPD-WA-06-092423	TO-15	142-82-5	HEPTANE	3.1	U	0.48	3.1	UG/M3	3.1	U
EPD-WA-06-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.2	U	1.9	8.2	UG/M3	8.2	U
EPD-WA-06-092423	TO-15	110-54-3	HEXANE	2.7	U	0.65	2.7	UG/M3	2.7	U
EPD-WA-06-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.33	J	0.24	1.1	UG/M3	0.33	J
EPD-WA-06-092423	TO-15	103-65-1	PROPYLBENZENE	0.75	U	0.22	0.75	UG/M3	0.75	U
EPD-WA-06-092423	TO-15	100-42-5	STYRENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-06-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-WA-06-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.2	0.69	UG/M3	0.69	U
EPD-WA-06-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-092423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.032	0.17	UG/M3	0.17	U
EPD-WA-06-092423	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-06-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.019	0.17	UG/M3	0.17	U
EPD-WA-06-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.022	0.12	UG/M3	0.12	U
EPD-WA-06-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.03	0.061	UG/M3	0.061	U
EPD-WA-06-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.039	0.24	UG/M3	0.24	U
EPD-WA-06-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.037	J	0.0087	0.12	UG/M3	0.037	J
EPD-WA-06-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.066	0.18	UG/M3	0.18	U
EPD-WA-06-092423	TO-15 SIM	71-43-2	BENZENE	0.7		0.02	0.24	UG/M3	0.70	
EPD-WA-06-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.046	0.19	UG/M3	0.36	
EPD-WA-06-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.041	0.2	UG/M3	0.20	U
EPD-WA-06-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.064	J	0.025	0.15	UG/M3	0.064	J
EPD-WA-06-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J	0.28	1.6	UG/M3	0.68	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.028	0.12	UG/M3	0.12	U
EPD-WA-06-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.029	0.13	UG/M3	0.11	J
EPD-WA-06-092423	TO-15 SIM	76-14-2	FREON 114	0.094	J	0.069	0.21	UG/M3	0.094	J
EPD-WA-06-092423	TO-15 SIM	75-71-8	FREON 12	1.7		0.04	0.38	UG/M3	1.7	
EPD-WA-06-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.32		0.038	0.26	UG/M3	0.32	
EPD-WA-06-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.034	0.55	UG/M3	0.55	U
EPD-WA-06-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.16	J	0.042	0.4	UG/M3	0.40	UJ
EPD-WA-06-092423	TO-15 SIM	95-47-6	O-XYLENE	0.13	J	0.039	0.13	UG/M3	0.13	J
EPD-WA-06-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.028	0.21	UG/M3	0.21	U
EPD-WA-06-092423	TO-15 SIM	108-88-3	TOLUENE	0.51		0.041	0.29	UG/M3	0.51	
EPD-WA-06-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.029	0.61	UG/M3	0.61	U
EPD-WA-06-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-06-092423	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.016	0.039	UG/M3	0.039	U
EPD-WA-44-092423	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	2.8	5.2	UG/M3	5.2	U
EPD-WA-44-092423	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69	U	0.19	0.69	UG/M3	0.69	U
EPD-WA-44-092423	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.17	0.85	UG/M3	0.85	U
EPD-WA-44-092423	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.2	0.65	UG/M3	0.65	U
EPD-WA-44-092423	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.17	0.69	UG/M3	0.69	U
EPD-WA-44-092423	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-44-092423	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.18	0.85	UG/M3	0.85	U
EPD-WA-44-092423	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3	0.51	U
EPD-WA-44-092423	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.98	3.3	UG/M3	3.3	U
EPD-WA-44-092423	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.39	J	0.21	2.1	UG/M3	0.39	J
EPD-WA-44-092423	TO-15	591-78-6	2-HEXANONE	2.9	U	0.65	2.9	UG/M3	2.9	U
EPD-WA-44-092423	TO-15	67-63-0	2-PROPANOL	6.9	U	0.53	6.9	UG/M3	6.9	U
EPD-WA-44-092423	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.61	2.2	UG/M3	2.2	U
EPD-WA-44-092423	TO-15	622-96-8	4-ETHYLTOLUENE	0.69	U	0.2	0.69	UG/M3	0.69	U
EPD-WA-44-092423	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.11	0.58	UG/M3	0.58	U
EPD-WA-44-092423	TO-15	67-64-1	ACETONE	4.5	J	1.5	6.7	UG/M3	4.5	J
EPD-WA-44-092423	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-44-092423	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.2	0.94	UG/M3	0.94	U
EPD-WA-44-092423	TO-15	75-25-2	BROMOFORM	1.4	U	0.27	1.4	UG/M3	1.4	U
EPD-WA-44-092423	TO-15	74-83-9	BROMOMETHANE	27	U	1.6	27	UG/M3	27	U
EPD-WA-44-092423	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	2.1	2.2	UG/M3	2.2	U
EPD-WA-44-092423	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-44-092423	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.11	0.64	UG/M3	0.64	U
EPD-WA-44-092423	TO-15	98-82-8	CUMENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-WA-44-092423	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.47	2.4	UG/M3	2.4	U
EPD-WA-44-092423	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.19	1.2	UG/M3	1.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309470

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-092423	TO-15	64-17-5	ETHANOL	1.1 J		0.56	5.3	UG/M3	1.1 J	
EPD-WA-44-092423	TO-15	75-69-4	FREON 11	1		0.12	0.79	UG/M3	1.0	
EPD-WA-44-092423	TO-15	76-13-1	FREON 113	0.42 J		0.21	1.1	UG/M3	0.42 J	
EPD-WA-44-092423	TO-15	142-82-5	HEPTANE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-44-092423	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		1.7	7.5	UG/M3	7.5 U	
EPD-WA-44-092423	TO-15	110-54-3	HEXANE	2.5 U		0.6	2.5	UG/M3	2.5 U	
EPD-WA-44-092423	TO-15	75-09-2	METHYLENE CHLORIDE	0.38 J		0.22	0.98	UG/M3	0.38 J	
EPD-WA-44-092423	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.21	0.69	UG/M3	0.69 U	
EPD-WA-44-092423	TO-15	100-42-5	STYRENE	0.6 U		0.16	0.6	UG/M3	0.60 U	
EPD-WA-44-092423	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		2	2.1	UG/M3	2.1 U	
EPD-WA-44-092423	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.19	0.64	UG/M3	0.64 U	
EPD-WA-44-092423	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-44-092423	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-44-092423	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.03	0.15	UG/M3	0.15 U	
EPD-WA-44-092423	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-44-092423	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.018	0.15	UG/M3	0.15 U	
EPD-WA-44-092423	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.02	0.11	UG/M3	0.11 U	
EPD-WA-44-092423	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.028	0.056	UG/M3	0.056 U	
EPD-WA-44-092423	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.036	0.22	UG/M3	0.22 U	
EPD-WA-44-092423	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.042 J		0.008	0.11	UG/M3	0.042 J	
EPD-WA-44-092423	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 U		0.061	0.17	UG/M3	0.17 U	
EPD-WA-44-092423	TO-15 SIM	71-43-2	BENZENE	0.3		0.018	0.22	UG/M3	0.30	
EPD-WA-44-092423	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.042	0.18	UG/M3	0.40	
EPD-WA-44-092423	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.038	0.19	UG/M3	0.19 U	
EPD-WA-44-092423	TO-15 SIM	67-66-3	CHLOROFORM	0.062 J		0.023	0.14	UG/M3	0.062 J	
EPD-WA-44-092423	TO-15 SIM	74-87-3	CHLOROMETHANE	0.72 J		0.26	1.4	UG/M3	0.72 J	
EPD-WA-44-092423	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.026	0.11	UG/M3	0.11 U	
EPD-WA-44-092423	TO-15 SIM	100-41-4	ETHYL BENZENE	0.046 J		0.027	0.12	UG/M3	0.046 J	
EPD-WA-44-092423	TO-15 SIM	76-14-2	FREON 114	0.1 J		0.064	0.2	UG/M3	0.10 J	
EPD-WA-44-092423	TO-15 SIM	75-71-8	FREON 12	1.9		0.037	0.35	UG/M3	1.9	
EPD-WA-44-092423	TO-15 SIM	179601-23-1	M,P-XYLENE	0.11 J		0.035	0.24	UG/M3	0.11 J	
EPD-WA-44-092423	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51 U		0.031	0.51	UG/M3	0.51 U	
EPD-WA-44-092423	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.039	0.37	UG/M3	0.37 UJ	
EPD-WA-44-092423	TO-15 SIM	95-47-6	O-XYLENE	0.05 J		0.036	0.12	UG/M3	0.050 J	
EPD-WA-44-092423	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.045 J		0.025	0.19	UG/M3	0.045 J	
EPD-WA-44-092423	TO-15 SIM	108-88-3	TOLUENE	0.31		0.038	0.26	UG/M3	0.31	
EPD-WA-44-092423	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.086 J		0.027	0.56	UG/M3	0.086 J	
EPD-WA-44-092423	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-44-092423	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**

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2201c		
Laboratory Report No.	2309471	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples including one field duplicate pair		
Collection Date(s)	09/25/2023		
Field Duplicate Pairs	EPD-WA-03-092523/EPD-WA-33-092523		
Field QC Blanks	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:

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

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

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

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

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2309471-12A/2309471-12AA): The percent recoveries of 3-chloropropene exceeded the site-specific QAPP acceptance criteria in the LCS and LCSD. All 3-chloropropane sample results were nondetect; therefore, no qualifications were applied.</p> <p>TO-15 scan (2309471-12B/2309471-12BB): The percent recoveries of 1,4-dichlorobenzene were below the site-specific QAPP acceptance criteria in the LCS and LCSD. All 1,4-dichlorobenzene sample results were nondetect; therefore, results were qualified as estimated (flagged UJ).</p>

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.39 to 1.58. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

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

MDLs/RLs:

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	A known tentatively identified compound (TIC) was detected in one sample. The laboratory qualified the known TIC as tentatively identified (flagged NJ). The laboratory qualified the results for 2-ethyl-1-hexanol and butyl acrylate as manually searched for, but nondetect (flagged U), and during validation these results were qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	Continuing calibration verification 2309471-11B had low percent recovery of 1,4-dichlorobenzene. All 1,4-dichlorobenzene sample results were qualified as estimated (flagged UJ).

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

Overall Qualifications:

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

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

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EUROFINS AIR TOXICS, LLC REPORT NO. 2309471

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.1	5.4	UG/M3	5.4 U	
EPD-DW-G-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72 U		0.15	0.72	UG/M3	0.72 U	
EPD-DW-G-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88 U		0.19	0.88	UG/M3	0.88 U	
EPD-DW-G-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68 U		0.19	0.68	UG/M3	0.68 U	
EPD-DW-G-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72 U		0.13	0.72	UG/M3	0.72 U	
EPD-DW-G-092523	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.057	0.32	UG/M3	0.32 U	
EPD-DW-G-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88 U		0.13	0.88	UG/M3	0.88 U	
EPD-DW-G-092523	TO-15	123-91-1	1,4-DIOXANE	0.53 U		0.14	0.53	UG/M3	0.53 U	
EPD-DW-G-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.28	3.4	UG/M3	3.4 U	
EPD-DW-G-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2 U		0.2	2.2	UG/M3	2.2 U	
EPD-DW-G-092523	TO-15	591-78-6	2-HEXANONE	3 U		0.46	3	UG/M3	3.0 U	
EPD-DW-G-092523	TO-15	67-63-0	2-PROPANOL	7.2 U		0.33	7.2	UG/M3	7.2 U	
EPD-DW-G-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.25	2.3	UG/M3	2.3 U	
EPD-DW-G-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.72 U		0.18	0.72	UG/M3	0.72 U	
EPD-DW-G-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6 U		0.19	0.6	UG/M3	0.60 U	
EPD-DW-G-092523	TO-15	67-64-1	ACETONE	3.3 J		1	7	UG/M3	3.3 J	
EPD-DW-G-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76 U		0.13	0.76	UG/M3	0.76 U	
EPD-DW-G-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98 U		0.13	0.98	UG/M3	0.98 U	
EPD-DW-G-092523	TO-15	75-25-2	BROMOFORM	1.5 U		0.23	1.5	UG/M3	1.5 U	
EPD-DW-G-092523	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-DW-G-092523	TO-15	75-15-0	CARBON DISULFIDE	2.3 U		0.61	2.3	UG/M3	2.3 U	
EPD-DW-G-092523	TO-15	108-90-7	CHLOROBENZENE	0.68 U		0.054	0.68	UG/M3	0.68 U	
EPD-DW-G-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67 U		0.1	0.67	UG/M3	0.67 U	
EPD-DW-G-092523	TO-15	98-82-8	CUMENE	0.72 U		0.092	0.72	UG/M3	0.72 U	
EPD-DW-G-092523	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-DW-G-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-DW-G-092523	TO-15	64-17-5	ETHANOL	1.8 J		0.43	5.5	UG/M3	1.8 J	
EPD-DW-G-092523	TO-15	75-69-4	FREON 11	0.97		0.13	0.82	UG/M3	0.97	
EPD-DW-G-092523	TO-15	76-13-1	FREON 113	0.41 J		0.18	1.1	UG/M3	0.41 J	
EPD-DW-G-092523	TO-15	142-82-5	HEPTANE	3 U		0.23	3	UG/M3	3.0 U	
EPD-DW-G-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8 U		1.8	7.8	UG/M3	7.8 U	
EPD-DW-G-092523	TO-15	110-54-3	HEXANE	2.6 U		0.23	2.6	UG/M3	2.6 U	
EPD-DW-G-092523	TO-15	75-09-2	METHYLENE CHLORIDE	1 U		0.92	1	UG/M3	1.0 U	
EPD-DW-G-092523	TO-15	103-65-1	PROPYLBENZENE	0.72 U		0.14	0.72	UG/M3	0.72 U	
EPD-DW-G-092523	TO-15	100-42-5	STYRENE	0.63 U		0.12	0.63	UG/M3	0.63 U	
EPD-DW-G-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.44	2.2	UG/M3	2.2 U	
EPD-DW-G-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67 U		0.16	0.67	UG/M3	0.67 U	
EPD-DW-G-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-G-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309471

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.012	0.16	UG/M3	0.16	U
EPD-DW-G-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.055	0.2	UG/M3	0.20	U
EPD-DW-G-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0091	0.16	UG/M3	0.16	U
EPD-DW-G-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-DW-G-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.012	0.058	UG/M3	0.058	U
EPD-DW-G-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-DW-G-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034	J	0.011	0.12	UG/M3	0.034	J
EPD-DW-G-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.088	0.18	UG/M3	0.18	UJ
EPD-DW-G-092523	TO-15 SIM	71-43-2	BENZENE	0.28		0.019	0.23	UG/M3	0.28	
EPD-DW-G-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.008	0.18	UG/M3	0.38	
EPD-DW-G-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.035	0.19	UG/M3	0.19	U
EPD-DW-G-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.07	J	0.0088	0.14	UG/M3	0.070	J
EPD-DW-G-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64	J	0.22	1.5	UG/M3	0.64	J
EPD-DW-G-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.0083	0.12	UG/M3	0.12	U
EPD-DW-G-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.04	J	0.0064	0.13	UG/M3	0.040	J
EPD-DW-G-092523	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.012	0.2	UG/M3	0.093	J
EPD-DW-G-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0091	0.36	UG/M3	1.8	
EPD-DW-G-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14	J	0.013	0.26	UG/M3	0.14	J
EPD-DW-G-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.0066	0.53	UG/M3	0.53	U
EPD-DW-G-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.1	0.38	UG/M3	0.38	U
EPD-DW-G-092523	TO-15 SIM	95-47-6	O-XYLENE	0.057	J	0.019	0.13	UG/M3	0.057	J
EPD-DW-G-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.021	J	0.013	0.2	UG/M3	0.021	J
EPD-DW-G-092523	TO-15 SIM	108-88-3	TOLUENE	0.28		0.013	0.28	UG/M3	0.28	
EPD-DW-G-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.035	J	0.0095	0.58	UG/M3	0.035	J
EPD-DW-G-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.017	0.16	UG/M3	0.16	U
EPD-DW-G-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.0056	0.038	UG/M3	0.038	U
EPD-UW-C-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.1	5.4	UG/M3	5.4	U
EPD-UW-C-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-UW-C-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87	U	0.19	0.87	UG/M3	0.87	U
EPD-UW-C-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-UW-C-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.13	0.71	UG/M3	0.71	U
EPD-UW-C-092523	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.056	0.32	UG/M3	0.32	U
EPD-UW-C-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87	U	0.13	0.87	UG/M3	0.87	U
EPD-UW-C-092523	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.14	0.52	UG/M3	0.52	U
EPD-UW-C-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.27	3.4	UG/M3	3.4	U
EPD-UW-C-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.2	2.1	UG/M3	2.1	U
EPD-UW-C-092523	TO-15	591-78-6	2-HEXANONE	3	U	0.45	3	UG/M3	3.0	U
EPD-UW-C-092523	TO-15	67-63-0	2-PROPANOL	7.1	U	0.33	7.1	UG/M3	7.1	U
EPD-UW-C-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.25	2.3	UG/M3	2.3	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.18	0.71	UG/M3	0.71 U	
EPD-UW-C-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.19	0.59	UG/M3	0.59 U	
EPD-UW-C-092523	TO-15	67-64-1	ACETONE	3.2 J		1	6.9	UG/M3	3.2 J	
EPD-UW-C-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.12	0.75	UG/M3	0.75 U	
EPD-UW-C-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.13	0.97	UG/M3	0.97 U	
EPD-UW-C-092523	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-UW-C-092523	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-UW-C-092523	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.61	2.2	UG/M3	2.2 U	
EPD-UW-C-092523	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.053	0.67	UG/M3	0.67 U	
EPD-UW-C-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-UW-C-092523	TO-15	98-82-8	CUMENE	0.71 U		0.091	0.71	UG/M3	0.71 U	
EPD-UW-C-092523	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-UW-C-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-UW-C-092523	TO-15	64-17-5	ETHANOL	0.65 J		0.43	5.5	UG/M3	0.65 J	
EPD-UW-C-092523	TO-15	75-69-4	FREON 11	1		0.13	0.81	UG/M3	1.0	
EPD-UW-C-092523	TO-15	76-13-1	FREON 113	0.42 J		0.18	1.1	UG/M3	0.42 J	
EPD-UW-C-092523	TO-15	142-82-5	HEPTANE	3 U		0.23	3	UG/M3	3.0 U	
EPD-UW-C-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		1.8	7.7	UG/M3	7.7 U	
EPD-UW-C-092523	TO-15	110-54-3	HEXANE	2.6 U		0.23	2.6	UG/M3	2.6 U	
EPD-UW-C-092523	TO-15	75-09-2	METHYLENE CHLORIDE	0.92 J		0.91	1	UG/M3	0.92 J	
EPD-UW-C-092523	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-UW-C-092523	TO-15	100-42-5	STYRENE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-UW-C-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.44	2.1	UG/M3	2.1 U	
EPD-UW-C-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.16	0.66	UG/M3	0.66 U	
EPD-UW-C-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-C-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-C-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-UW-C-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.054	0.2	UG/M3	0.20 U	
EPD-UW-C-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.009	0.16	UG/M3	0.16 U	
EPD-UW-C-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-UW-C-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.011	0.057	UG/M3	0.057 U	
EPD-UW-C-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-UW-C-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.03 J		0.011	0.12	UG/M3	0.030 J	
EPD-UW-C-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.087	0.17	UG/M3	0.17 UJ	
EPD-UW-C-092523	TO-15 SIM	71-43-2	BENZENE	0.24		0.019	0.23	UG/M3	0.24	
EPD-UW-C-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0079	0.18	UG/M3	0.37	
EPD-UW-C-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.034	0.19	UG/M3	0.19 U	
EPD-UW-C-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.068 J		0.0086	0.14	UG/M3	0.068 J	
EPD-UW-C-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63 J		0.22	1.5	UG/M3	0.63 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0082	0.11	UG/M3	0.11	U
EPD-UW-C-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.048	J	0.0063	0.12	UG/M3	0.048	J
EPD-UW-C-092523	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.012	0.2	UG/M3	0.092	J
EPD-UW-C-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-UW-C-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.14	J	0.013	0.25	UG/M3	0.14	J
EPD-UW-C-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0065	0.52	UG/M3	0.52	U
EPD-UW-C-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.12	J	0.099	0.38	UG/M3	0.12	J
EPD-UW-C-092523	TO-15 SIM	95-47-6	O-XYLENE	0.065	J	0.018	0.12	UG/M3	0.065	J
EPD-UW-C-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.032	J	0.013	0.2	UG/M3	0.032	J
EPD-UW-C-092523	TO-15 SIM	108-88-3	TOLUENE	0.28		0.012	0.27	UG/M3	0.28	
EPD-UW-C-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.0094	0.57	UG/M3	0.57	U
EPD-UW-C-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.017	0.16	UG/M3	0.16	U
EPD-UW-C-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.0055	0.037	UG/M3	0.037	U
EPD-WA-01-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-01-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.21	J	0.14	0.68	UG/M3	0.21	J
EPD-WA-01-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-01-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.18	0.64	UG/M3	0.64	U
EPD-WA-01-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.12	0.68	UG/M3	0.68	U
EPD-WA-01-092523	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.054	0.31	UG/M3	0.31	U
EPD-WA-01-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-01-092523	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.14	0.5	UG/M3	0.50	U
EPD-WA-01-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2	U	0.26	3.2	UG/M3	3.2	U
EPD-WA-01-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2	U	0.19	2	UG/M3	2.0	U
EPD-WA-01-092523	TO-15	591-78-6	2-HEXANONE	2.8	U	0.44	2.8	UG/M3	2.8	U
EPD-WA-01-092523	TO-15	67-63-0	2-PROPANOL	6.8	U	0.31	6.8	UG/M3	6.8	U
EPD-WA-01-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-01-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.19	J	0.17	0.68	UG/M3	0.19	J
EPD-WA-01-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.18	0.57	UG/M3	0.57	U
EPD-WA-01-092523	TO-15	67-64-1	ACETONE	3.9	J	0.96	6.6	UG/M3	3.9	J
EPD-WA-01-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-WA-01-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93	U	0.12	0.93	UG/M3	0.93	U
EPD-WA-01-092523	TO-15	75-25-2	BROMOFORM	1.4	U	0.21	1.4	UG/M3	1.4	U
EPD-WA-01-092523	TO-15	74-83-9	BROMOMETHANE	27	U	1.1	27	UG/M3	27	U
EPD-WA-01-092523	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.58	2.2	UG/M3	2.2	U
EPD-WA-01-092523	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.051	0.64	UG/M3	0.64	U
EPD-WA-01-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.098	0.63	UG/M3	0.63	U
EPD-WA-01-092523	TO-15	98-82-8	CUMENE	0.68	U	0.087	0.68	UG/M3	0.68	U
EPD-WA-01-092523	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.23	2.4	UG/M3	2.4	U
EPD-WA-01-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.14	1.2	UG/M3	1.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092523	TO-15	64-17-5	ETHANOL	0.49 J		0.41	5.2	UG/M3	0.49 J	
EPD-WA-01-092523	TO-15	75-69-4	FREON 11	1		0.12	0.78	UG/M3	1.0	
EPD-WA-01-092523	TO-15	76-13-1	FREON 113	0.44 J		0.17	1.1	UG/M3	0.44 J	
EPD-WA-01-092523	TO-15	142-82-5	HEPTANE	2.8 U		0.22	2.8	UG/M3	2.8 U	
EPD-WA-01-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 U		1.7	7.4	UG/M3	7.4 U	
EPD-WA-01-092523	TO-15	110-54-3	HEXANE	0.26 J		0.22	2.4	UG/M3	0.26 J	
EPD-WA-01-092523	TO-15	75-09-2	METHYLENE CHLORIDE	0.96 U		0.87	0.96	UG/M3	0.96 U	
EPD-WA-01-092523	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.14	0.68	UG/M3	0.68 U	
EPD-WA-01-092523	TO-15	100-42-5	STYRENE	0.59 U		0.12	0.59	UG/M3	0.59 U	
EPD-WA-01-092523	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.42	2	UG/M3	2.0 U	
EPD-WA-01-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.16	0.63	UG/M3	0.63 U	
EPD-WA-01-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-01-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.052	0.19	UG/M3	0.19 U	
EPD-WA-01-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0086	0.15	UG/M3	0.15 U	
EPD-WA-01-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-01-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.011	0.055	UG/M3	0.055 U	
EPD-WA-01-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.013	0.21	UG/M3	0.21 U	
EPD-WA-01-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034 J		0.011	0.11	UG/M3	0.034 J	
EPD-WA-01-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.083	0.17	UG/M3	0.17 UJ	
EPD-WA-01-092523	TO-15 SIM	71-43-2	BENZENE	0.45		0.018	0.22	UG/M3	0.45	
EPD-WA-01-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0076	0.17	UG/M3	0.38	
EPD-WA-01-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.033	0.18	UG/M3	0.18 U	
EPD-WA-01-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.086 J		0.0083	0.14	UG/M3	0.086 J	
EPD-WA-01-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62 J		0.21	1.4	UG/M3	0.62 J	
EPD-WA-01-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0079	0.11	UG/M3	0.11 U	
EPD-WA-01-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12 J		0.006	0.12	UG/M3	0.12 J	
EPD-WA-01-092523	TO-15 SIM	76-14-2	FREON 114	0.095 J		0.012	0.19	UG/M3	0.095 J	
EPD-WA-01-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0086	0.34	UG/M3	1.8	
EPD-WA-01-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.48		0.012	0.24	UG/M3	0.48	
EPD-WA-01-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.0062	0.5	UG/M3	0.50 U	
EPD-WA-01-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.36 U		0.095	0.36	UG/M3	0.36 U	
EPD-WA-01-092523	TO-15 SIM	95-47-6	O-XYLENE	0.17		0.018	0.12	UG/M3	0.17	
EPD-WA-01-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.025 J		0.013	0.19	UG/M3	0.025 J	
EPD-WA-01-092523	TO-15 SIM	108-88-3	TOLUENE	0.59		0.012	0.26	UG/M3	0.59	
EPD-WA-01-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.009	0.55	UG/M3	0.55 U	
EPD-WA-01-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.019 J		0.016	0.15	UG/M3	0.019 J	
EPD-WA-01-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0053	0.036	UG/M3	0.036 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.1	5.3	UG/M3	5.3	U
EPD-WA-02-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18	J	0.14	0.7	UG/M3	0.18	J
EPD-WA-02-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.19	0.86	UG/M3	0.86	U
EPD-WA-02-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-02-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.13	0.7	UG/M3	0.70	U
EPD-WA-02-092523	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.055	0.32	UG/M3	0.32	U
EPD-WA-02-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.13	0.86	UG/M3	0.86	U
EPD-WA-02-092523	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.14	0.52	UG/M3	0.52	U
EPD-WA-02-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.27	3.3	UG/M3	3.3	U
EPD-WA-02-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.67	J	0.2	2.1	UG/M3	0.67	J
EPD-WA-02-092523	TO-15	591-78-6	2-HEXANONE	2.9	U	0.45	2.9	UG/M3	2.9	U
EPD-WA-02-092523	TO-15	67-63-0	2-PROPANOL	7	U	0.32	7	UG/M3	7.0	U
EPD-WA-02-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-02-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.7	U	0.18	0.7	UG/M3	0.70	U
EPD-WA-02-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.19	0.58	UG/M3	0.58	U
EPD-WA-02-092523	TO-15	67-64-1	ACETONE	8.7		0.99	6.8	UG/M3	8.7	
EPD-WA-02-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-02-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.12	0.96	UG/M3	0.96	U
EPD-WA-02-092523	TO-15	75-25-2	BROMOFORM	1.5	U	0.22	1.5	UG/M3	1.5	U
EPD-WA-02-092523	TO-15	74-83-9	BROMOMETHANE	28	U	1.2	28	UG/M3	28	U
EPD-WA-02-092523	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.6	2.2	UG/M3	2.2	U
EPD-WA-02-092523	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.052	0.66	UG/M3	0.66	U
EPD-WA-02-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.1	0.65	UG/M3	0.65	U
EPD-WA-02-092523	TO-15	98-82-8	CUMENE	0.7	U	0.089	0.7	UG/M3	0.70	U
EPD-WA-02-092523	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.24	2.5	UG/M3	2.5	U
EPD-WA-02-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.15	1.2	UG/M3	1.2	U
EPD-WA-02-092523	TO-15	64-17-5	ETHANOL	5.4	U	0.42	5.4	UG/M3	5.4	U
EPD-WA-02-092523	TO-15	75-69-4	FREON 11	1		0.13	0.8	UG/M3	1.0	
EPD-WA-02-092523	TO-15	76-13-1	FREON 113	0.45	J	0.18	1.1	UG/M3	0.45	J
EPD-WA-02-092523	TO-15	142-82-5	HEPTANE	2.9	U	0.22	2.9	UG/M3	2.9	U
EPD-WA-02-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	1.8	7.6	UG/M3	7.6	U
EPD-WA-02-092523	TO-15	110-54-3	HEXANE	2.5	U	0.22	2.5	UG/M3	2.5	U
EPD-WA-02-092523	TO-15	75-09-2	METHYLENE CHLORIDE	0.99	U	0.9	0.99	UG/M3	0.99	U
EPD-WA-02-092523	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-02-092523	TO-15	100-42-5	STYRENE	0.61	U	0.12	0.61	UG/M3	0.61	U
EPD-WA-02-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.43	2.1	UG/M3	2.1	U
EPD-WA-02-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.16	0.65	UG/M3	0.65	U
EPD-WA-02-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.012	0.16	UG/M3	0.16	U
EPD-WA-02-092523	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-02-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0089	0.16	UG/M3	0.16	U
EPD-WA-02-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-WA-02-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.011	0.057	UG/M3	0.057	U
EPD-WA-02-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-WA-02-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032	J	0.011	0.12	UG/M3	0.032	J
EPD-WA-02-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.086	0.17	UG/M3	0.17	UJ
EPD-WA-02-092523	TO-15 SIM	71-43-2	BENZENE	0.46		0.018	0.23	UG/M3	0.46	
EPD-WA-02-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0078	0.18	UG/M3	0.37	
EPD-WA-02-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.034	0.19	UG/M3	0.19	U
EPD-WA-02-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.0085	0.14	UG/M3	0.071	J
EPD-WA-02-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62	J	0.21	1.5	UG/M3	0.62	J
EPD-WA-02-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0081	0.11	UG/M3	0.11	U
EPD-WA-02-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.061	J	0.0062	0.12	UG/M3	0.061	J
EPD-WA-02-092523	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.012	0.2	UG/M3	0.092	J
EPD-WA-02-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0088	0.35	UG/M3	1.8	
EPD-WA-02-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24	J	0.013	0.25	UG/M3	0.24	J
EPD-WA-02-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0064	0.52	UG/M3	0.52	U
EPD-WA-02-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.098	0.37	UG/M3	0.37	U
EPD-WA-02-092523	TO-15 SIM	95-47-6	O-XYLENE	0.1	J	0.018	0.12	UG/M3	0.10	J
EPD-WA-02-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.019	J	0.013	0.19	UG/M3	0.019	J
EPD-WA-02-092523	TO-15 SIM	108-88-3	TOLUENE	0.4		0.012	0.27	UG/M3	0.40	
EPD-WA-02-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.038	J	0.0092	0.57	UG/M3	0.038	J
EPD-WA-02-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.016	0.15	UG/M3	0.15	U
EPD-WA-02-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0054	0.036	UG/M3	0.036	U
EPD-WA-03-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9	U	1.2	5.9	UG/M3	5.9	U
EPD-WA-03-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.78	U	0.16	0.78	UG/M3	0.78	U
EPD-WA-03-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.95	U	0.21	0.95	UG/M3	0.95	U
EPD-WA-03-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73	U	0.2	0.73	UG/M3	0.73	U
EPD-WA-03-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78	U	0.14	0.78	UG/M3	0.78	U
EPD-WA-03-092523	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	0.061	0.35	UG/M3	0.35	U
EPD-WA-03-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.95	U	0.14	0.95	UG/M3	0.95	U
EPD-WA-03-092523	TO-15	123-91-1	1,4-DIOXANE	0.57	U	0.16	0.57	UG/M3	0.57	U
EPD-WA-03-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.7	U	0.3	3.7	UG/M3	3.7	U
EPD-WA-03-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.3	U	0.22	2.3	UG/M3	2.3	U
EPD-WA-03-092523	TO-15	591-78-6	2-HEXANONE	3.2	U	0.5	3.2	UG/M3	3.2	U
EPD-WA-03-092523	TO-15	67-63-0	2-PROPANOL	7.8	U	0.36	7.8	UG/M3	7.8	U
EPD-WA-03-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.5	U	0.27	2.5	UG/M3	2.5	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.78	U	0.19	0.78	UG/M3	0.78	U
EPD-WA-03-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65	U	0.21	0.65	UG/M3	0.65	U
EPD-WA-03-092523	TO-15	67-64-1	ACETONE	4.4	J	1.1	7.5	UG/M3	4.4	J
EPD-WA-03-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82	U	0.14	0.82	UG/M3	0.82	U
EPD-WA-03-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.14	1	UG/M3	1.0	U
EPD-WA-03-092523	TO-15	75-25-2	BROMOFORM	1.6	U	0.24	1.6	UG/M3	1.6	U
EPD-WA-03-092523	TO-15	74-83-9	BROMOMETHANE	31	U	1.3	31	UG/M3	31	U
EPD-WA-03-092523	TO-15	75-15-0	CARBON DISULFIDE	2.5	U	0.66	2.5	UG/M3	2.5	U
EPD-WA-03-092523	TO-15	108-90-7	CHLOROBENZENE	0.73	U	0.058	0.73	UG/M3	0.73	U
EPD-WA-03-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72	U	0.11	0.72	UG/M3	0.72	U
EPD-WA-03-092523	TO-15	98-82-8	CUMENE	0.78	U	0.099	0.78	UG/M3	0.78	U
EPD-WA-03-092523	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.26	2.7	UG/M3	2.7	U
EPD-WA-03-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.16	1.3	UG/M3	1.3	U
EPD-WA-03-092523	TO-15	64-17-5	ETHANOL	4.3	J	0.46	6	UG/M3	4.3	J
EPD-WA-03-092523	TO-15	75-69-4	FREON 11	0.98		0.14	0.89	UG/M3	0.98	
EPD-WA-03-092523	TO-15	76-13-1	FREON 113	0.48	J	0.2	1.2	UG/M3	0.48	J
EPD-WA-03-092523	TO-15	142-82-5	HEPTANE	3.2	U	0.25	3.2	UG/M3	3.2	U
EPD-WA-03-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	2	8.4	UG/M3	8.4	U
EPD-WA-03-092523	TO-15	110-54-3	HEXANE	2.8	U	0.25	2.8	UG/M3	2.8	U
EPD-WA-03-092523	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	0.99	1.1	UG/M3	1.1	U
EPD-WA-03-092523	TO-15	103-65-1	PROPYLBENZENE	0.78	U	0.15	0.78	UG/M3	0.78	U
EPD-WA-03-092523	TO-15	100-42-5	STYRENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-03-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.48	2.3	UG/M3	2.3	U
EPD-WA-03-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72	U	0.18	0.72	UG/M3	0.72	U
EPD-WA-03-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-092523	TO-15	1066-40-6	SILANOL, TRIMETHYL-	1	NJ			PPBV	1.0	NJ
EPD-WA-03-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.014	0.17	UG/M3	0.17	U
EPD-WA-03-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.059	0.22	UG/M3	0.22	U
EPD-WA-03-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.0098	0.17	UG/M3	0.17	U
EPD-WA-03-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.014	0.13	UG/M3	0.13	U
EPD-WA-03-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063	U	0.012	0.063	UG/M3	0.063	U
EPD-WA-03-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.015	0.24	UG/M3	0.24	U
EPD-WA-03-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.032	J	0.012	0.13	UG/M3	0.032	J
EPD-WA-03-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	UJ	0.095	0.19	UG/M3	0.19	UJ
EPD-WA-03-092523	TO-15 SIM	71-43-2	BENZENE	0.28		0.02	0.25	UG/M3	0.28	
EPD-WA-03-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0086	0.2	UG/M3	0.37	
EPD-WA-03-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.038	0.21	UG/M3	0.21	U
EPD-WA-03-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.0094	0.15	UG/M3	0.068	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64	J	0.23	1.6	UG/M3	0.64	J
EPD-WA-03-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.009	0.12	UG/M3	0.12	U
EPD-WA-03-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.038	J	0.0069	0.14	UG/M3	0.038	J
EPD-WA-03-092523	TO-15 SIM	76-14-2	FREON 114	0.087	J	0.013	0.22	UG/M3	0.087	J
EPD-WA-03-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0098	0.39	UG/M3	1.8	
EPD-WA-03-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.12	J	0.014	0.27	UG/M3	0.12	J
EPD-WA-03-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	0.0071	0.57	UG/M3	0.57	U
EPD-WA-03-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	0.11	0.41	UG/M3	0.41	U
EPD-WA-03-092523	TO-15 SIM	95-47-6	O-XYLENE	0.049	J	0.02	0.14	UG/M3	0.049	J
EPD-WA-03-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.016	J	0.014	0.21	UG/M3	0.016	J
EPD-WA-03-092523	TO-15 SIM	108-88-3	TOLUENE	0.22	J	0.014	0.3	UG/M3	0.22	J
EPD-WA-03-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.052	J	0.01	0.63	UG/M3	0.052	J
EPD-WA-03-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.018	0.17	UG/M3	0.17	U
EPD-WA-03-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.006	0.04	UG/M3	0.040	U
EPD-WA-04-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-04-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-04-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-04-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-04-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.13	0.69	UG/M3	0.69	U
EPD-WA-04-092523	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.054	0.31	UG/M3	0.31	U
EPD-WA-04-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-04-092523	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.14	0.5	UG/M3	0.50	U
EPD-WA-04-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.26	3.3	UG/M3	3.3	U
EPD-WA-04-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.44	J	0.19	2.1	UG/M3	0.44	J
EPD-WA-04-092523	TO-15	591-78-6	2-HEXANONE	2.9	U	0.44	2.9	UG/M3	2.9	U
EPD-WA-04-092523	TO-15	67-63-0	2-PROPANOL	6.9	U	0.32	6.9	UG/M3	6.9	U
EPD-WA-04-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-04-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.69	U	0.17	0.69	UG/M3	0.69	U
EPD-WA-04-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.18	0.57	UG/M3	0.57	U
EPD-WA-04-092523	TO-15	67-64-1	ACETONE	5.8	J	0.97	6.6	UG/M3	5.8	J
EPD-WA-04-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.12	0.72	UG/M3	0.72	U
EPD-WA-04-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-04-092523	TO-15	75-25-2	BROMOFORM	1.4	U	0.22	1.4	UG/M3	1.4	U
EPD-WA-04-092523	TO-15	74-83-9	BROMOMETHANE	27	U	1.1	27	UG/M3	27	U
EPD-WA-04-092523	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.58	2.2	UG/M3	2.2	U
EPD-WA-04-092523	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.051	0.64	UG/M3	0.64	U
EPD-WA-04-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.099	0.64	UG/M3	0.64	U
EPD-WA-04-092523	TO-15	98-82-8	CUMENE	0.69	U	0.088	0.69	UG/M3	0.69	U
EPD-WA-04-092523	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.23	2.4	UG/M3	2.4	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-WA-04-092523	TO-15	64-17-5	ETHANOL	5.3 U		0.41	5.3	UG/M3	5.3 U	
EPD-WA-04-092523	TO-15	75-69-4	FREON 11	0.97		0.12	0.79	UG/M3	0.97	
EPD-WA-04-092523	TO-15	76-13-1	FREON 113	0.46 J		0.17	1.1	UG/M3	0.46 J	
EPD-WA-04-092523	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-WA-04-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 U		1.8	7.5	UG/M3	7.5 U	
EPD-WA-04-092523	TO-15	110-54-3	HEXANE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-WA-04-092523	TO-15	75-09-2	METHYLENE CHLORIDE	0.97 U		0.88	0.97	UG/M3	0.97 U	
EPD-WA-04-092523	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.14	0.69	UG/M3	0.69 U	
EPD-WA-04-092523	TO-15	100-42-5	STYRENE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-WA-04-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.42	2.1	UG/M3	2.1 U	
EPD-WA-04-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-WA-04-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-04-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.053	0.19	UG/M3	0.19 U	
EPD-WA-04-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0087	0.15	UG/M3	0.15 U	
EPD-WA-04-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-04-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.011	0.056	UG/M3	0.056 U	
EPD-WA-04-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.013	0.22	UG/M3	0.22 U	
EPD-WA-04-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.03 J		0.011	0.11	UG/M3	0.030 J	
EPD-WA-04-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.084	0.17	UG/M3	0.17 UJ	
EPD-WA-04-092523	TO-15 SIM	71-43-2	BENZENE	0.64		0.018	0.22	UG/M3	0.64	
EPD-WA-04-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0077	0.18	UG/M3	0.38	
EPD-WA-04-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.033	0.18	UG/M3	0.18 U	
EPD-WA-04-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.082 J		0.0083	0.14	UG/M3	0.082 J	
EPD-WA-04-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.6 J		0.21	1.4	UG/M3	0.60 J	
EPD-WA-04-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0079	0.11	UG/M3	0.11 U	
EPD-WA-04-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.082 J		0.0061	0.12	UG/M3	0.082 J	
EPD-WA-04-092523	TO-15 SIM	76-14-2	FREON 114	0.093 J		0.012	0.2	UG/M3	0.093 J	
EPD-WA-04-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0086	0.35	UG/M3	1.8	
EPD-WA-04-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.27		0.012	0.24	UG/M3	0.27	
EPD-WA-04-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.0062	0.5	UG/M3	0.50 U	
EPD-WA-04-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.096	0.37	UG/M3	0.37 U	
EPD-WA-04-092523	TO-15 SIM	95-47-6	O-XYLENE	0.099 J		0.018	0.12	UG/M3	0.099 J	
EPD-WA-04-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.026 J		0.013	0.19	UG/M3	0.026 J	
EPD-WA-04-092523	TO-15 SIM	108-88-3	TOLUENE	0.56		0.012	0.26	UG/M3	0.56	
EPD-WA-04-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56 U		0.009	0.56	UG/M3	0.56 U	
EPD-WA-04-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.043 J		0.016	0.15	UG/M3	0.043 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0053	0.036	UG/M3	0.036 U	
EPD-WA-05-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.1	5.3	UG/M3	5.3 U	
EPD-WA-05-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.21 J		0.14	0.71	UG/M3	0.21 J	
EPD-WA-05-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.19	0.86	UG/M3	0.86 U	
EPD-WA-05-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.19	0.66	UG/M3	0.66 U	
EPD-WA-05-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.13	0.71	UG/M3	0.71 U	
EPD-WA-05-092523	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.056	0.32	UG/M3	0.32 U	
EPD-WA-05-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.13	0.86	UG/M3	0.86 U	
EPD-WA-05-092523	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.14	0.52	UG/M3	0.52 U	
EPD-WA-05-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.27	3.4	UG/M3	3.4 U	
EPD-WA-05-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1 U		0.2	2.1	UG/M3	2.1 U	
EPD-WA-05-092523	TO-15	591-78-6	2-HEXANONE	2.9 U		0.45	2.9	UG/M3	2.9 U	
EPD-WA-05-092523	TO-15	67-63-0	2-PROPANOL	7.1 U		0.32	7.1	UG/M3	7.1 U	
EPD-WA-05-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.25	2.2	UG/M3	2.2 U	
EPD-WA-05-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.18	0.71	UG/M3	0.71 U	
EPD-WA-05-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.19	0.59	UG/M3	0.59 U	
EPD-WA-05-092523	TO-15	67-64-1	ACETONE	3.4 J		1	6.8	UG/M3	3.4 J	
EPD-WA-05-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-05-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-WA-05-092523	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-05-092523	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-05-092523	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-WA-05-092523	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.052	0.66	UG/M3	0.66 U	
EPD-WA-05-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.1	0.65	UG/M3	0.65 U	
EPD-WA-05-092523	TO-15	98-82-8	CUMENE	0.71 U		0.09	0.71	UG/M3	0.71 U	
EPD-WA-05-092523	TO-15	110-82-7	CYCLOHEXANE	1.7 J		0.24	2.5	UG/M3	1.7 J	
EPD-WA-05-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-05-092523	TO-15	64-17-5	ETHANOL	3.3 J		0.42	5.4	UG/M3	3.3 J	
EPD-WA-05-092523	TO-15	75-69-4	FREON 11	0.96		0.13	0.81	UG/M3	0.96	
EPD-WA-05-092523	TO-15	76-13-1	FREON 113	0.5 J		0.18	1.1	UG/M3	0.50 J	
EPD-WA-05-092523	TO-15	142-82-5	HEPTANE	3 U		0.22	3	UG/M3	3.0 U	
EPD-WA-05-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 U		1.8	7.7	UG/M3	7.7 U	
EPD-WA-05-092523	TO-15	110-54-3	HEXANE	0.25 J		0.22	2.5	UG/M3	0.25 J	
EPD-WA-05-092523	TO-15	75-09-2	METHYLENE CHLORIDE	0.93 J		0.9	1	UG/M3	0.93 J	
EPD-WA-05-092523	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-05-092523	TO-15	100-42-5	STYRENE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-WA-05-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.44	2.1	UG/M3	2.1 U	
EPD-WA-05-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.16	0.65	UG/M3	0.65 U	
EPD-WA-05-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.012	0.16	UG/M3	0.16	U
EPD-WA-05-092523	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-05-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.009	0.16	UG/M3	0.16	U
EPD-WA-05-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-WA-05-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.011	0.057	UG/M3	0.057	U
EPD-WA-05-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-WA-05-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033	J	0.011	0.12	UG/M3	0.033	J
EPD-WA-05-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	UJ	0.086	0.17	UG/M3	0.17	UJ
EPD-WA-05-092523	TO-15 SIM	71-43-2	BENZENE	0.45		0.019	0.23	UG/M3	0.45	
EPD-WA-05-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0079	0.18	UG/M3	0.38	
EPD-WA-05-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.034	0.19	UG/M3	0.19	U
EPD-WA-05-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.0086	0.14	UG/M3	0.071	J
EPD-WA-05-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62	J	0.21	1.5	UG/M3	0.62	J
EPD-WA-05-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0082	0.11	UG/M3	0.11	U
EPD-WA-05-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1	J	0.0062	0.12	UG/M3	0.10	J
EPD-WA-05-092523	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.012	0.2	UG/M3	0.093	J
EPD-WA-05-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0089	0.36	UG/M3	1.8	
EPD-WA-05-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.4		0.013	0.25	UG/M3	0.40	
EPD-WA-05-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0064	0.52	UG/M3	0.52	U
EPD-WA-05-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.098	0.38	UG/M3	0.38	U
EPD-WA-05-092523	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.018	0.12	UG/M3	0.15	
EPD-WA-05-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.023	J	0.013	0.2	UG/M3	0.023	J
EPD-WA-05-092523	TO-15 SIM	108-88-3	TOLUENE	0.65		0.012	0.27	UG/M3	0.65	
EPD-WA-05-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.035	J	0.0093	0.57	UG/M3	0.035	J
EPD-WA-05-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.017	0.15	UG/M3	0.15	U
EPD-WA-05-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.0055	0.037	UG/M3	0.037	U
EPD-WA-06-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-WA-06-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.2	J	0.15	0.75	UG/M3	0.20	J
EPD-WA-06-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.2	0.91	UG/M3	0.91	U
EPD-WA-06-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-06-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.75	U	0.14	0.75	UG/M3	0.75	U
EPD-WA-06-092523	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.059	0.34	UG/M3	0.34	U
EPD-WA-06-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.14	0.91	UG/M3	0.91	U
EPD-WA-06-092523	TO-15	123-91-1	1,4-DIOXANE	0.55	U	0.15	0.55	UG/M3	0.55	U
EPD-WA-06-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.6	U	0.28	3.6	UG/M3	3.6	U
EPD-WA-06-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.21	2.2	UG/M3	2.2	U
EPD-WA-06-092523	TO-15	591-78-6	2-HEXANONE	3.1	U	0.48	3.1	UG/M3	3.1	U
EPD-WA-06-092523	TO-15	67-63-0	2-PROPANOL	7.5	U	0.34	7.5	UG/M3	7.5	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309471

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.26	2.4	UG/M3	2.4	U
EPD-WA-06-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.75	U	0.19	0.75	UG/M3	0.75	U
EPD-WA-06-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.62	U	0.2	0.62	UG/M3	0.62	U
EPD-WA-06-092523	TO-15	67-64-1	ACETONE	3.2	J	1	7.2	UG/M3	3.2	J
EPD-WA-06-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.79	U	0.13	0.79	UG/M3	0.79	U
EPD-WA-06-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-06-092523	TO-15	75-25-2	BROMOFORM	1.6	U	0.23	1.6	UG/M3	1.6	U
EPD-WA-06-092523	TO-15	74-83-9	BROMOMETHANE	30	U	1.2	30	UG/M3	30	U
EPD-WA-06-092523	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.64	2.4	UG/M3	2.4	U
EPD-WA-06-092523	TO-15	108-90-7	CHLOROBENZENE	0.7	U	0.055	0.7	UG/M3	0.70	U
EPD-WA-06-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.69	U	0.11	0.69	UG/M3	0.69	U
EPD-WA-06-092523	TO-15	98-82-8	CUMENE	0.75	U	0.095	0.75	UG/M3	0.75	U
EPD-WA-06-092523	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.25	2.6	UG/M3	2.6	U
EPD-WA-06-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.16	1.3	UG/M3	1.3	U
EPD-WA-06-092523	TO-15	64-17-5	ETHANOL	11		0.45	5.7	UG/M3	11	
EPD-WA-06-092523	TO-15	75-69-4	FREON 11	0.99		0.14	0.85	UG/M3	0.99	
EPD-WA-06-092523	TO-15	76-13-1	FREON 113	0.45	J	0.19	1.2	UG/M3	0.45	J
EPD-WA-06-092523	TO-15	142-82-5	HEPTANE	3.1	U	0.24	3.1	UG/M3	3.1	U
EPD-WA-06-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.1	U	1.9	8.1	UG/M3	8.1	U
EPD-WA-06-092523	TO-15	110-54-3	HEXANE	2.7	U	0.24	2.7	UG/M3	2.7	U
EPD-WA-06-092523	TO-15	75-09-2	METHYLENE CHLORIDE	1		0.95	1	UG/M3	1.0	
EPD-WA-06-092523	TO-15	103-65-1	PROPYLBENZENE	0.75	U	0.15	0.75	UG/M3	0.75	U
EPD-WA-06-092523	TO-15	100-42-5	STYRENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-06-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.46	2.2	UG/M3	2.2	U
EPD-WA-06-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.69	U	0.17	0.69	UG/M3	0.69	U
EPD-WA-06-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-06-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.057	0.21	UG/M3	0.21	U
EPD-WA-06-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0094	0.16	UG/M3	0.16	U
EPD-WA-06-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-WA-06-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.06	U	0.012	0.06	UG/M3	0.060	U
EPD-WA-06-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.014	0.23	UG/M3	0.23	U
EPD-WA-06-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034	J	0.012	0.12	UG/M3	0.034	J
EPD-WA-06-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.091	0.18	UG/M3	0.18	UJ
EPD-WA-06-092523	TO-15 SIM	71-43-2	BENZENE	0.55		0.02	0.24	UG/M3	0.55	
EPD-WA-06-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0083	0.19	UG/M3	0.38	
EPD-WA-06-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.036	0.2	UG/M3	0.20	U
EPD-WA-06-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.009	0.15	UG/M3	0.068	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.65	J	0.22	1.6	UG/M3	0.65	J
EPD-WA-06-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.0086	0.12	UG/M3	0.12	U
EPD-WA-06-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.0066	0.13	UG/M3	0.16	
EPD-WA-06-092523	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.013	0.21	UG/M3	0.093	J
EPD-WA-06-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0094	0.38	UG/M3	1.8	
EPD-WA-06-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.68		0.014	0.26	UG/M3	0.68	
EPD-WA-06-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.55	U	0.0068	0.55	UG/M3	0.55	U
EPD-WA-06-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.12	J	0.1	0.4	UG/M3	0.12	J
EPD-WA-06-092523	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.019	0.13	UG/M3	0.21	
EPD-WA-06-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.018	J	0.014	0.21	UG/M3	0.018	J
EPD-WA-06-092523	TO-15 SIM	108-88-3	TOLUENE	0.38		0.013	0.29	UG/M3	0.38	
EPD-WA-06-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.6	U	0.0098	0.6	UG/M3	0.60	U
EPD-WA-06-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.018	0.16	UG/M3	0.16	U
EPD-WA-06-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.039	U	0.0058	0.039	UG/M3	0.039	U
EPD-WA-33-092523	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.1	5.4	UG/M3	5.4	U
EPD-WA-33-092523	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-33-092523	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-33-092523	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.19	0.68	UG/M3	0.68	U
EPD-WA-33-092523	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.13	0.72	UG/M3	0.72	U
EPD-WA-33-092523	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.057	0.32	UG/M3	0.32	U
EPD-WA-33-092523	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.13	0.88	UG/M3	0.88	U
EPD-WA-33-092523	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.14	0.53	UG/M3	0.53	U
EPD-WA-33-092523	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.28	3.4	UG/M3	3.4	U
EPD-WA-33-092523	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.58	J	0.2	2.2	UG/M3	0.58	J
EPD-WA-33-092523	TO-15	591-78-6	2-HEXANONE	3	U	0.46	3	UG/M3	3.0	U
EPD-WA-33-092523	TO-15	67-63-0	2-PROPANOL	7.2	U	0.33	7.2	UG/M3	7.2	U
EPD-WA-33-092523	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.25	2.3	UG/M3	2.3	U
EPD-WA-33-092523	TO-15	622-96-8	4-ETHYLTOLUENE	0.72	U	0.18	0.72	UG/M3	0.72	U
EPD-WA-33-092523	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.19	0.6	UG/M3	0.60	U
EPD-WA-33-092523	TO-15	67-64-1	ACETONE	4.7	J	1	7	UG/M3	4.7	J
EPD-WA-33-092523	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.13	0.76	UG/M3	0.76	U
EPD-WA-33-092523	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.13	0.98	UG/M3	0.98	U
EPD-WA-33-092523	TO-15	75-25-2	BROMOFORM	1.5	U	0.23	1.5	UG/M3	1.5	U
EPD-WA-33-092523	TO-15	74-83-9	BROMOMETHANE	28	U	1.2	28	UG/M3	28	U
EPD-WA-33-092523	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.61	2.3	UG/M3	2.3	U
EPD-WA-33-092523	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.054	0.68	UG/M3	0.68	U
EPD-WA-33-092523	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.1	0.67	UG/M3	0.67	U
EPD-WA-33-092523	TO-15	98-82-8	CUMENE	0.72	U	0.092	0.72	UG/M3	0.72	U
EPD-WA-33-092523	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.24	2.5	UG/M3	2.5	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-092523	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.15	1.2	UG/M3	1.2	U
EPD-WA-33-092523	TO-15	64-17-5	ETHANOL	4.4	J	0.43	5.5	UG/M3	4.4	J
EPD-WA-33-092523	TO-15	75-69-4	FREON 11	0.94		0.13	0.82	UG/M3	0.94	
EPD-WA-33-092523	TO-15	76-13-1	FREON 113	0.46	J	0.18	1.1	UG/M3	0.46	J
EPD-WA-33-092523	TO-15	142-82-5	HEPTANE	3	U	0.23	3	UG/M3	3.0	U
EPD-WA-33-092523	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	1.8	7.8	UG/M3	7.8	U
EPD-WA-33-092523	TO-15	110-54-3	HEXANE	2.6	U	0.23	2.6	UG/M3	2.6	U
EPD-WA-33-092523	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.92	1	UG/M3	1.0	U
EPD-WA-33-092523	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.14	0.72	UG/M3	0.72	U
EPD-WA-33-092523	TO-15	100-42-5	STYRENE	0.63	U	0.12	0.63	UG/M3	0.63	U
EPD-WA-33-092523	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.44	2.2	UG/M3	2.2	U
EPD-WA-33-092523	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-WA-33-092523	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-33-092523	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-33-092523	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.012	0.16	UG/M3	0.16	U
EPD-WA-33-092523	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.055	0.2	UG/M3	0.20	U
EPD-WA-33-092523	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.0091	0.16	UG/M3	0.16	U
EPD-WA-33-092523	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.013	0.12	UG/M3	0.12	U
EPD-WA-33-092523	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.012	0.058	UG/M3	0.058	U
EPD-WA-33-092523	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.014	0.22	UG/M3	0.22	U
EPD-WA-33-092523	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033	J	0.011	0.12	UG/M3	0.033	J
EPD-WA-33-092523	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	UJ	0.088	0.18	UG/M3	0.18	UJ
EPD-WA-33-092523	TO-15 SIM	71-43-2	BENZENE	0.33		0.019	0.23	UG/M3	0.33	
EPD-WA-33-092523	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.008	0.18	UG/M3	0.37	
EPD-WA-33-092523	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.035	0.19	UG/M3	0.19	U
EPD-WA-33-092523	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.0088	0.14	UG/M3	0.076	J
EPD-WA-33-092523	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63	J	0.22	1.5	UG/M3	0.63	J
EPD-WA-33-092523	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.0083	0.12	UG/M3	0.12	U
EPD-WA-33-092523	TO-15 SIM	100-41-4	ETHYL BENZENE	0.039	J	0.0064	0.13	UG/M3	0.039	J
EPD-WA-33-092523	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.012	0.2	UG/M3	0.093	J
EPD-WA-33-092523	TO-15 SIM	75-71-8	FREON 12	1.8		0.0091	0.36	UG/M3	1.8	
EPD-WA-33-092523	TO-15 SIM	179601-23-1	M,P-XYLENE	0.13	J	0.013	0.26	UG/M3	0.13	J
EPD-WA-33-092523	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.0066	0.53	UG/M3	0.53	U
EPD-WA-33-092523	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.1	0.38	UG/M3	0.38	U
EPD-WA-33-092523	TO-15 SIM	95-47-6	O-XYLENE	0.057	J	0.019	0.13	UG/M3	0.057	J
EPD-WA-33-092523	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.017	J	0.013	0.2	UG/M3	0.017	J
EPD-WA-33-092523	TO-15 SIM	108-88-3	TOLUENE	0.26	J	0.013	0.28	UG/M3	0.26	J
EPD-WA-33-092523	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.056	J	0.0095	0.58	UG/M3	0.056	J
EPD-WA-33-092523	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.017	0.16	UG/M3	0.16	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-092523	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.0056	0.038	UG/M3	0.038	U

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	2201d		
Laboratory Report No.	2309496	Laboratory	Eurofins Air Toxics, LLC – Folsom, CA
Analyses	Volatile organic compounds (VOCs) by EPA method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Nine air samples including one field duplicate pair		
Collection Date(s)	09/26/2023		
Field Duplicate Pairs	EPD-WA-06-092623/EPD-WA-66-092623		
Field QC Blanks	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:

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

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

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2309496-10B): 1,1,2,2-Tetrachloroethane, 1,2-dibromoethane, 1,4-dichlorobenzene, m,p-xylene, naphthalene, and toluene were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). m,p-Xylene results in samples EPD-UW-C-092623, EPD-WA-04-092623, EPD-WA-06-092623, and EPD-WA-66-092623 were detected below the RL; therefore, these results were qualified as nondetect (flagged U) at the RL. All remaining m,p-xylene sample results and all toluene sample results were greater than ten times the blank value; and all 1,1,2,2-tetrachloroethane, 1,2-dibromoethane, and 1,4-dichlorobenzene sample results are nondetect; therefore, no qualifications were necessary. Naphthalene results in samples EPD-WA-06-092623 and EPD-WA-66-092623 were detected below the RL; therefore, qualified as nondetect (flagged U) at the RL. All remaining naphthalene sample results are nondetect; therefore, no qualifications were necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

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

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2309496-12A/2309496-12AA): The percent recoveries of 3-chloropropene exceeded the site-specific QAPP acceptance criteria in the LCS and LCSD. All 3-chloropropene sample results were nondetect; therefore, no qualifications were applied.</p> <p>TO-15 scan (2309496-12B/2309496-12BB): The percent recoveries of 1,4-dichlorobenzene were below the site-specific QAPP acceptance criteria in the LCS and LCSD. All 1,4-dichlorobenzene sample results were nondetect; therefore, results were qualified as estimated (flagged UJ).</p>

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.26 to 1.49. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

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

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	Continuing calibration verification (CCV) 2309496-11A had low percent recovery of hexachlorobutadiene. All hexachlorobutadiene sample results were qualified as estimated (flagged UJ). CCV 2309496-11B had low percent recovery of 1,4-dichlorobenzene. All 1,4-dichlorobenzene sample results were qualified as estimated (flagged UJ).

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

Overall Qualifications:

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

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

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309496

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1 U		1.1	5.1	UG/M3	5.1 U	
EPD-DW-G-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.14 J		0.14	0.68	UG/M3	0.14 J	
EPD-DW-G-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83 U		0.18	0.83	UG/M3	0.83 U	
EPD-DW-G-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-DW-G-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68 U		0.12	0.68	UG/M3	0.68 U	
EPD-DW-G-092623	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.053	0.3	UG/M3	0.30 U	
EPD-DW-G-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83 U		0.12	0.83	UG/M3	0.83 U	
EPD-DW-G-092623	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-DW-G-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2 U		0.26	3.2	UG/M3	3.2 U	
EPD-DW-G-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2 U		0.19	2	UG/M3	2.0 U	
EPD-DW-G-092623	TO-15	591-78-6	2-HEXANONE	2.8 U		0.43	2.8	UG/M3	2.8 U	
EPD-DW-G-092623	TO-15	67-63-0	2-PROPANOL	6.8 U		0.31	6.8	UG/M3	6.8 U	
EPD-DW-G-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-DW-G-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.68 U		0.17	0.68	UG/M3	0.68 U	
EPD-DW-G-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56 U		0.18	0.56	UG/M3	0.56 U	
EPD-DW-G-092623	TO-15	67-64-1	ACETONE	4.5 J		0.96	6.6	UG/M3	4.5 J	
EPD-DW-G-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71 U		0.12	0.71	UG/M3	0.71 U	
EPD-DW-G-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92 U		0.12	0.92	UG/M3	0.92 U	
EPD-DW-G-092623	TO-15	75-25-2	BROMOFORM	1.4 U		0.21	1.4	UG/M3	1.4 U	
EPD-DW-G-092623	TO-15	74-83-9	BROMOMETHANE	27 U		1.1	27	UG/M3	27 U	
EPD-DW-G-092623	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.58	2.1	UG/M3	2.1 U	
EPD-DW-G-092623	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.05	0.64	UG/M3	0.64 U	
EPD-DW-G-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63 U		0.098	0.63	UG/M3	0.63 U	
EPD-DW-G-092623	TO-15	98-82-8	CUMENE	0.68 U		0.086	0.68	UG/M3	0.68 U	
EPD-DW-G-092623	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-DW-G-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-DW-G-092623	TO-15	64-17-5	ETHANOL	1.3 J		0.41	5.2	UG/M3	1.3 J	
EPD-DW-G-092623	TO-15	75-69-4	FREON 11	1		0.12	0.78	UG/M3	1.0	
EPD-DW-G-092623	TO-15	76-13-1	FREON 113	0.43 J		0.17	1	UG/M3	0.43 J	
EPD-DW-G-092623	TO-15	142-82-5	HEPTANE	2.8 U		0.22	2.8	UG/M3	2.8 U	
EPD-DW-G-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4 UJ		1.7	7.4	UG/M3	7.4 UJ	
EPD-DW-G-092623	TO-15	110-54-3	HEXANE	2.4 U		0.22	2.4	UG/M3	2.4 U	
EPD-DW-G-092623	TO-15	75-09-2	METHYLENE CHLORIDE	0.98		0.87	0.96	UG/M3	0.98	
EPD-DW-G-092623	TO-15	103-65-1	PROPYLBENZENE	0.68 U		0.13	0.68	UG/M3	0.68 U	
EPD-DW-G-092623	TO-15	100-42-5	STYRENE	0.59 U		0.12	0.59	UG/M3	0.59 U	
EPD-DW-G-092623	TO-15	109-99-9	TETRAHYDROFURAN	2 U		0.42	2	UG/M3	2.0 U	
EPD-DW-G-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63 U		0.15	0.63	UG/M3	0.63 U	
EPD-DW-G-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-DW-G-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309496

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-G-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-DW-G-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.052	0.19	UG/M3	0.19 U	
EPD-DW-G-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0086	0.15	UG/M3	0.15 U	
EPD-DW-G-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-DW-G-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055 U		0.011	0.055	UG/M3	0.055 U	
EPD-DW-G-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21 U		0.013	0.21	UG/M3	0.21 U	
EPD-DW-G-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.036 J		0.011	0.11	UG/M3	0.036 J	
EPD-DW-G-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 UJ		0.083	0.16	UG/M3	0.16 UJ	
EPD-DW-G-092623	TO-15 SIM	71-43-2	BENZENE	0.37		0.018	0.22	UG/M3	0.37	
EPD-DW-G-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0076	0.17	UG/M3	0.38	
EPD-DW-G-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.033	0.18	UG/M3	0.18 U	
EPD-DW-G-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.07 J		0.0082	0.13	UG/M3	0.070 J	
EPD-DW-G-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66 J		0.2	1.4	UG/M3	0.66 J	
EPD-DW-G-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0078	0.11	UG/M3	0.11 U	
EPD-DW-G-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.071 J		0.006	0.12	UG/M3	0.071 J	
EPD-DW-G-092623	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.012	0.19	UG/M3	0.094 J	
EPD-DW-G-092623	TO-15 SIM	75-71-8	FREON 12	1.9		0.0085	0.34	UG/M3	1.9	
EPD-DW-G-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.27		0.012	0.24	UG/M3	0.27	
EPD-DW-G-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5 U		0.0062	0.5	UG/M3	0.50 U	
EPD-DW-G-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.36 U		0.094	0.36	UG/M3	0.36 U	
EPD-DW-G-092623	TO-15 SIM	95-47-6	O-XYLENE	0.1 J		0.018	0.12	UG/M3	0.10 J	
EPD-DW-G-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.029 J		0.012	0.19	UG/M3	0.029 J	
EPD-DW-G-092623	TO-15 SIM	108-88-3	TOLUENE	0.42		0.012	0.26	UG/M3	0.42	
EPD-DW-G-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55 U		0.0089	0.55	UG/M3	0.55 U	
EPD-DW-G-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.023 J		0.016	0.15	UG/M3	0.023 J	
EPD-DW-G-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035 U		0.0052	0.035	UG/M3	0.035 U	
EPD-UW-C-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3 U		1.1	5.3	UG/M3	5.3 U	
EPD-UW-C-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-UW-C-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86 U		0.19	0.86	UG/M3	0.86 U	
EPD-UW-C-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66 U		0.18	0.66	UG/M3	0.66 U	
EPD-UW-C-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7 U		0.13	0.7	UG/M3	0.70 U	
EPD-UW-C-092623	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.055	0.32	UG/M3	0.32 U	
EPD-UW-C-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86 U		0.13	0.86	UG/M3	0.86 U	
EPD-UW-C-092623	TO-15	123-91-1	1,4-DIOXANE	0.28 J		0.14	0.52	UG/M3	0.28 J	
EPD-UW-C-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.27	3.3	UG/M3	3.3 U	
EPD-UW-C-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1 U		0.2	2.1	UG/M3	2.1 U	
EPD-UW-C-092623	TO-15	591-78-6	2-HEXANONE	2.9 U		0.45	2.9	UG/M3	2.9 U	
EPD-UW-C-092623	TO-15	67-63-0	2-PROPANOL	7 U		0.32	7	UG/M3	7.0 U	
EPD-UW-C-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309496

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.18	0.7	UG/M3	0.70 U	
EPD-UW-C-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58 U		0.19	0.58	UG/M3	0.58 U	
EPD-UW-C-092623	TO-15	67-64-1	ACETONE	4 J		0.99	6.8	UG/M3	4.0 J	
EPD-UW-C-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-UW-C-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96 U		0.12	0.96	UG/M3	0.96 U	
EPD-UW-C-092623	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-UW-C-092623	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-UW-C-092623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.6	2.2	UG/M3	2.2 U	
EPD-UW-C-092623	TO-15	108-90-7	CHLOROBENZENE	0.66 U		0.052	0.66	UG/M3	0.66 U	
EPD-UW-C-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65 U		0.1	0.65	UG/M3	0.65 U	
EPD-UW-C-092623	TO-15	98-82-8	CUMENE	0.7 U		0.089	0.7	UG/M3	0.70 U	
EPD-UW-C-092623	TO-15	110-82-7	CYCLOHEXANE	0.62 J		0.24	2.5	UG/M3	0.62 J	
EPD-UW-C-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-UW-C-092623	TO-15	64-17-5	ETHANOL	0.9 J		0.42	5.4	UG/M3	0.90 J	
EPD-UW-C-092623	TO-15	75-69-4	FREON 11	1		0.13	0.8	UG/M3	1.0	
EPD-UW-C-092623	TO-15	76-13-1	FREON 113	0.45 J		0.18	1.1	UG/M3	0.45 J	
EPD-UW-C-092623	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-UW-C-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 UJ		1.8	7.6	UG/M3	7.6 UJ	
EPD-UW-C-092623	TO-15	110-54-3	HEXANE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-UW-C-092623	TO-15	75-09-2	METHYLENE CHLORIDE	1		0.9	0.99	UG/M3	1.0	
EPD-UW-C-092623	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-UW-C-092623	TO-15	100-42-5	STYRENE	0.61 U		0.12	0.61	UG/M3	0.61 U	
EPD-UW-C-092623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.43	2.1	UG/M3	2.1 U	
EPD-UW-C-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65 U		0.16	0.65	UG/M3	0.65 U	
EPD-UW-C-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-UW-C-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-UW-C-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-UW-C-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.054	0.2	UG/M3	0.20 U	
EPD-UW-C-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0089	0.16	UG/M3	0.16 U	
EPD-UW-C-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.012	0.12	UG/M3	0.12 U	
EPD-UW-C-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.011	0.057	UG/M3	0.057 U	
EPD-UW-C-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-UW-C-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034 J		0.011	0.12	UG/M3	0.034 J	
EPD-UW-C-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.086	0.17	UG/M3	0.17 UJ	
EPD-UW-C-092623	TO-15 SIM	71-43-2	BENZENE	0.31		0.018	0.23	UG/M3	0.31	
EPD-UW-C-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0078	0.18	UG/M3	0.38	
EPD-UW-C-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19 U		0.034	0.19	UG/M3	0.19 U	
EPD-UW-C-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.071 J		0.0085	0.14	UG/M3	0.071 J	
EPD-UW-C-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63 J		0.21	1.5	UG/M3	0.63 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-C-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0081	0.11	UG/M3	0.11 U	
EPD-UW-C-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.055 J		0.0062	0.12	UG/M3	0.055 J	
EPD-UW-C-092623	TO-15 SIM	76-14-2	FREON 114	0.096 J		0.012	0.2	UG/M3	0.096 J	
EPD-UW-C-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.0088	0.35	UG/M3	1.8	
EPD-UW-C-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.18 J		0.013	0.25	UG/M3	0.25 U	
EPD-UW-C-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52 U		0.0064	0.52	UG/M3	0.52 U	
EPD-UW-C-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.37 U		0.098	0.37	UG/M3	0.37 U	
EPD-UW-C-092623	TO-15 SIM	95-47-6	O-XYLENE	0.073 J		0.018	0.12	UG/M3	0.073 J	
EPD-UW-C-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18 J		0.013	0.19	UG/M3	0.18 J	
EPD-UW-C-092623	TO-15 SIM	108-88-3	TOLUENE	0.39		0.012	0.27	UG/M3	0.39	
EPD-UW-C-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.028 J		0.0092	0.57	UG/M3	0.028 J	
EPD-UW-C-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.021 J		0.016	0.15	UG/M3	0.021 J	
EPD-UW-C-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0054	0.036	UG/M3	0.036 U	
EPD-WA-01-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.9 U		1	4.9	UG/M3	4.9 U	
EPD-WA-01-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19 J		0.13	0.65	UG/M3	0.19 J	
EPD-WA-01-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.79 U		0.17	0.79	UG/M3	0.79 U	
EPD-WA-01-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.61 U		0.17	0.61	UG/M3	0.61 U	
EPD-WA-01-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.65 U		0.12	0.65	UG/M3	0.65 U	
EPD-WA-01-092623	TO-15	106-99-0	1,3-BUTADIENE	0.29 U		0.051	0.29	UG/M3	0.29 U	
EPD-WA-01-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.79 U		0.12	0.79	UG/M3	0.79 U	
EPD-WA-01-092623	TO-15	123-91-1	1,4-DIOXANE	0.48 U		0.13	0.48	UG/M3	0.48 U	
EPD-WA-01-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.1 U		0.25	3.1	UG/M3	3.1 U	
EPD-WA-01-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.9 U		0.18	1.9	UG/M3	1.9 U	
EPD-WA-01-092623	TO-15	591-78-6	2-HEXANONE	2.7 U		0.41	2.7	UG/M3	2.7 U	
EPD-WA-01-092623	TO-15	67-63-0	2-PROPANOL	6.5 U		0.3	6.5	UG/M3	6.5 U	
EPD-WA-01-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		0.23	2.1	UG/M3	2.1 U	
EPD-WA-01-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.65 U		0.16	0.65	UG/M3	0.65 U	
EPD-WA-01-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.54 U		0.17	0.54	UG/M3	0.54 U	
EPD-WA-01-092623	TO-15	67-64-1	ACETONE	6 J		0.92	6.3	UG/M3	6.0 J	
EPD-WA-01-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.68 U		0.11	0.68	UG/M3	0.68 U	
EPD-WA-01-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.88 U		0.12	0.88	UG/M3	0.88 U	
EPD-WA-01-092623	TO-15	75-25-2	BROMOFORM	1.4 U		0.2	1.4	UG/M3	1.4 U	
EPD-WA-01-092623	TO-15	74-83-9	BROMOMETHANE	26 U		1.1	26	UG/M3	26 U	
EPD-WA-01-092623	TO-15	75-15-0	CARBON DISULFIDE	2 U		0.55	2	UG/M3	2.0 U	
EPD-WA-01-092623	TO-15	108-90-7	CHLOROBENZENE	0.61 U		0.048	0.61	UG/M3	0.61 U	
EPD-WA-01-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.6 U		0.093	0.6	UG/M3	0.60 U	
EPD-WA-01-092623	TO-15	98-82-8	CUMENE	0.65 U		0.082	0.65	UG/M3	0.65 U	
EPD-WA-01-092623	TO-15	110-82-7	CYCLOHEXANE	2.3 U		0.22	2.3	UG/M3	2.3 U	
EPD-WA-01-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1 U		0.14	1.1	UG/M3	1.1 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-092623	TO-15	64-17-5	ETHANOL	0.84 J		0.39	5	UG/M3	0.84 J	
EPD-WA-01-092623	TO-15	75-69-4	FREON 11	1		0.12	0.74	UG/M3	1.0	
EPD-WA-01-092623	TO-15	76-13-1	FREON 113	0.45 J		0.16	1	UG/M3	0.45 J	
EPD-WA-01-092623	TO-15	142-82-5	HEPTANE	2.7 U		0.21	2.7	UG/M3	2.7 U	
EPD-WA-01-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7 UJ		1.7	7	UG/M3	7.0 UJ	
EPD-WA-01-092623	TO-15	110-54-3	HEXANE	0.26 J		0.21	2.3	UG/M3	0.26 J	
EPD-WA-01-092623	TO-15	75-09-2	METHYLENE CHLORIDE	0.92		0.83	0.92	UG/M3	0.92	
EPD-WA-01-092623	TO-15	103-65-1	PROPYLBENZENE	0.65 U		0.13	0.65	UG/M3	0.65 U	
EPD-WA-01-092623	TO-15	100-42-5	STYRENE	0.56 U		0.11	0.56	UG/M3	0.56 U	
EPD-WA-01-092623	TO-15	109-99-9	TETRAHYDROFURAN	1.9 U		0.4	1.9	UG/M3	1.9 U	
EPD-WA-01-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.6 U		0.15	0.6	UG/M3	0.60 U	
EPD-WA-01-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-01-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-01-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14 U		0.011	0.14	UG/M3	0.14 U	
EPD-WA-01-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18 U		0.05	0.18	UG/M3	0.18 U	
EPD-WA-01-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14 U		0.0082	0.14	UG/M3	0.14 U	
EPD-WA-01-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.011	0.11	UG/M3	0.11 U	
EPD-WA-01-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.052 U		0.01	0.052	UG/M3	0.052 U	
EPD-WA-01-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2 U		0.012	0.2	UG/M3	0.20 U	
EPD-WA-01-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033 J		0.01	0.11	UG/M3	0.033 J	
EPD-WA-01-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16 UJ		0.079	0.16	UG/M3	0.16 UJ	
EPD-WA-01-092623	TO-15 SIM	71-43-2	BENZENE	0.44		0.017	0.21	UG/M3	0.44	
EPD-WA-01-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0072	0.17	UG/M3	0.38	
EPD-WA-01-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.17 U		0.031	0.17	UG/M3	0.17 U	
EPD-WA-01-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.07 J		0.0079	0.13	UG/M3	0.070 J	
EPD-WA-01-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.65 J		0.2	1.4	UG/M3	0.65 J	
EPD-WA-01-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1 U		0.0075	0.1	UG/M3	0.10 U	
EPD-WA-01-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098 J		0.0057	0.11	UG/M3	0.098 J	
EPD-WA-01-092623	TO-15 SIM	76-14-2	FREON 114	0.094 J		0.011	0.18	UG/M3	0.094 J	
EPD-WA-01-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.0082	0.33	UG/M3	1.8	
EPD-WA-01-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.33		0.012	0.23	UG/M3	0.33	
EPD-WA-01-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.013 J		0.0059	0.48	UG/M3	0.013 J	
EPD-WA-01-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.34 U		0.09	0.34	UG/M3	0.34 U	
EPD-WA-01-092623	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.017	0.11	UG/M3	0.13	
EPD-WA-01-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.085 J		0.012	0.18	UG/M3	0.085 J	
EPD-WA-01-092623	TO-15 SIM	108-88-3	TOLUENE	0.54		0.011	0.25	UG/M3	0.54	
EPD-WA-01-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.14 J		0.0085	0.52	UG/M3	0.14 J	
EPD-WA-01-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.024 J		0.015	0.14	UG/M3	0.024 J	
EPD-WA-01-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034 U		0.005	0.034	UG/M3	0.034 U	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5 U		1	5	UG/M3	5.0 U	
EPD-WA-02-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.35 J		0.14	0.67	UG/M3	0.35 J	
EPD-WA-02-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82 U		0.18	0.82	UG/M3	0.82 U	
EPD-WA-02-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63 U		0.18	0.63	UG/M3	0.63 U	
EPD-WA-02-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.13 J		0.12	0.67	UG/M3	0.13 J	
EPD-WA-02-092623	TO-15	106-99-0	1,3-BUTADIENE	0.3 U		0.052	0.3	UG/M3	0.30 U	
EPD-WA-02-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82 U		0.12	0.82	UG/M3	0.82 U	
EPD-WA-02-092623	TO-15	123-91-1	1,4-DIOXANE	0.49 U		0.13	0.49	UG/M3	0.49 U	
EPD-WA-02-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.27 J		0.26	3.2	UG/M3	0.27 J	
EPD-WA-02-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42 J		0.19	2	UG/M3	0.42 J	
EPD-WA-02-092623	TO-15	591-78-6	2-HEXANONE	2.8 U		0.43	2.8	UG/M3	2.8 U	
EPD-WA-02-092623	TO-15	67-63-0	2-PROPANOL	4.9 J		0.31	6.7	UG/M3	4.9 J	
EPD-WA-02-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.1 U		0.23	2.1	UG/M3	2.1 U	
EPD-WA-02-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.34 J		0.17	0.67	UG/M3	0.34 J	
EPD-WA-02-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56 U		0.18	0.56	UG/M3	0.56 U	
EPD-WA-02-092623	TO-15	67-64-1	ACETONE	5.5 J		0.94	6.5	UG/M3	5.5 J	
EPD-WA-02-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7 U		0.12	0.7	UG/M3	0.70 U	
EPD-WA-02-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.91 U		0.12	0.91	UG/M3	0.91 U	
EPD-WA-02-092623	TO-15	75-25-2	BROMOFORM	1.4 U		0.21	1.4	UG/M3	1.4 U	
EPD-WA-02-092623	TO-15	74-83-9	BROMOMETHANE	26 U		1.1	26	UG/M3	26 U	
EPD-WA-02-092623	TO-15	75-15-0	CARBON DISULFIDE	2.1 U		0.57	2.1	UG/M3	2.1 U	
EPD-WA-02-092623	TO-15	108-90-7	CHLOROBENZENE	0.63 U		0.05	0.63	UG/M3	0.63 U	
EPD-WA-02-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62 U		0.096	0.62	UG/M3	0.62 U	
EPD-WA-02-092623	TO-15	98-82-8	CUMENE	0.67 U		0.085	0.67	UG/M3	0.67 U	
EPD-WA-02-092623	TO-15	110-82-7	CYCLOHEXANE	14		0.22	2.3	UG/M3	14	
EPD-WA-02-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-WA-02-092623	TO-15	64-17-5	ETHANOL	26		0.4	5.1	UG/M3	26	
EPD-WA-02-092623	TO-15	75-69-4	FREON 11	1		0.12	0.76	UG/M3	1.0	
EPD-WA-02-092623	TO-15	76-13-1	FREON 113	0.48 J		0.17	1	UG/M3	0.48 J	
EPD-WA-02-092623	TO-15	142-82-5	HEPTANE	2.8 U		0.21	2.8	UG/M3	2.8 U	
EPD-WA-02-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2 UJ		1.7	7.2	UG/M3	7.2 UJ	
EPD-WA-02-092623	TO-15	110-54-3	HEXANE	0.41 J		0.21	2.4	UG/M3	0.41 J	
EPD-WA-02-092623	TO-15	75-09-2	METHYLENE CHLORIDE	1.1		0.85	0.94	UG/M3	1.1	
EPD-WA-02-092623	TO-15	103-65-1	PROPYLBENZENE	0.67 U		0.13	0.67	UG/M3	0.67 U	
EPD-WA-02-092623	TO-15	100-42-5	STYRENE	0.58 U		0.12	0.58	UG/M3	0.58 U	
EPD-WA-02-092623	TO-15	109-99-9	TETRAHYDROFURAN	0.42 J		0.41	2	UG/M3	0.42 J	
EPD-WA-02-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62 U		0.15	0.62	UG/M3	0.62 U	
EPD-WA-02-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-092623	TO-15	79-20-9	ACETIC ACID, METHYL ESTER	2.6 NJ				PPBV	2.6 NJ	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-092623	TO-15	78-78-4	BUTANE, 2-METHYL-	0.88	NJ			PPBV	0.88	NJ
EPD-WA-02-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-092623	TO-15	75-28-5	ISOBUTANE	6.9	NJ			PPBV	6.9	NJ
EPD-WA-02-092623	TO-15	109-66-0	PENTANE	2.4	NJ			PPBV	2.4	NJ
EPD-WA-02-092623	TO-15	1066-40-6	SILANOL, TRIMETHYL-	0.88	NJ			PPBV	0.88	NJ
EPD-WA-02-092623	TO-15	NA	UNKNOWN TIC	3.4	J			PPBV	3.4	J
EPD-WA-02-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-02-092623	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-02-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0085	0.15	UG/M3	0.15	U
EPD-WA-02-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.012	0.11	UG/M3	0.11	U
EPD-WA-02-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.011	0.054	UG/M3	0.054	U
EPD-WA-02-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.013	0.21	UG/M3	0.21	U
EPD-WA-02-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.04	J	0.01	0.11	UG/M3	0.040	J
EPD-WA-02-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	UJ	0.082	0.16	UG/M3	0.16	UJ
EPD-WA-02-092623	TO-15 SIM	71-43-2	BENZENE	0.69		0.018	0.22	UG/M3	0.69	
EPD-WA-02-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0074	0.17	UG/M3	0.38	
EPD-WA-02-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.032	0.18	UG/M3	0.18	U
EPD-WA-02-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.072	J	0.0081	0.13	UG/M3	0.072	J
EPD-WA-02-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.67	J	0.2	1.4	UG/M3	0.67	J
EPD-WA-02-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0077	0.11	UG/M3	0.11	U
EPD-WA-02-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.0059	0.12	UG/M3	0.15	
EPD-WA-02-092623	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.011	0.19	UG/M3	0.096	J
EPD-WA-02-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.0084	0.34	UG/M3	1.8	
EPD-WA-02-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.57		0.012	0.24	UG/M3	0.57	
EPD-WA-02-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.0061	0.49	UG/M3	0.49	U
EPD-WA-02-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.093	0.36	UG/M3	0.36	U
EPD-WA-02-092623	TO-15 SIM	95-47-6	O-XYLENE	0.24		0.017	0.12	UG/M3	0.24	
EPD-WA-02-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.048	J	0.012	0.18	UG/M3	0.048	J
EPD-WA-02-092623	TO-15 SIM	108-88-3	TOLUENE	0.83		0.012	0.26	UG/M3	0.83	
EPD-WA-02-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	1.9		0.0088	0.54	UG/M3	1.9	
EPD-WA-02-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.026	J	0.016	0.15	UG/M3	0.026	J
EPD-WA-02-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.0052	0.035	UG/M3	0.035	U
EPD-WA-03-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.7	U	0.97	4.7	UG/M3	4.7	U
EPD-WA-03-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.25	J	0.12	0.62	UG/M3	0.25	J
EPD-WA-03-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.76	U	0.17	0.76	UG/M3	0.76	U
EPD-WA-03-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.58	U	0.16	0.58	UG/M3	0.58	U
EPD-WA-03-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.62	U	0.11	0.62	UG/M3	0.62	U
EPD-WA-03-092623	TO-15	106-99-0	1,3-BUTADIENE	0.28	U	0.049	0.28	UG/M3	0.28	U
EPD-WA-03-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.76	U	0.11	0.76	UG/M3	0.76	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092623	TO-15	123-91-1	1,4-DIOXANE	0.45	U	0.12	0.45	UG/M3	0.45	U
EPD-WA-03-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	2.9	U	0.24	2.9	UG/M3	2.9	U
EPD-WA-03-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.6	J	0.17	1.8	UG/M3	1.6	J
EPD-WA-03-092623	TO-15	591-78-6	2-HEXANONE	2.6	U	0.4	2.6	UG/M3	2.6	U
EPD-WA-03-092623	TO-15	67-63-0	2-PROPANOL	4.7	J	0.28	6.2	UG/M3	4.7	J
EPD-WA-03-092623	TO-15	107-05-1	3-CHLOROPROPENE	2	U	0.22	2	UG/M3	2.0	U
EPD-WA-03-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.62	U	0.15	0.62	UG/M3	0.62	U
EPD-WA-03-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.32	J	0.16	0.52	UG/M3	0.32	J
EPD-WA-03-092623	TO-15	67-64-1	ACETONE	14		0.87	6	UG/M3	14	
EPD-WA-03-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.65	U	0.11	0.65	UG/M3	0.65	U
EPD-WA-03-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.84	U	0.11	0.84	UG/M3	0.84	U
EPD-WA-03-092623	TO-15	75-25-2	BROMOFORM	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-03-092623	TO-15	74-83-9	BROMOMETHANE	24	U	1	24	UG/M3	24	U
EPD-WA-03-092623	TO-15	75-15-0	CARBON DISULFIDE	2	U	0.53	2	UG/M3	2.0	U
EPD-WA-03-092623	TO-15	108-90-7	CHLOROBENZENE	0.58	U	0.046	0.58	UG/M3	0.58	U
EPD-WA-03-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.57	U	0.089	0.57	UG/M3	0.57	U
EPD-WA-03-092623	TO-15	98-82-8	CUMENE	0.62	U	0.079	0.62	UG/M3	0.62	U
EPD-WA-03-092623	TO-15	110-82-7	CYCLOHEXANE	53		0.21	2.2	UG/M3	53	
EPD-WA-03-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.13	1.1	UG/M3	1.1	U
EPD-WA-03-092623	TO-15	64-17-5	ETHANOL	49		0.37	4.7	UG/M3	49	
EPD-WA-03-092623	TO-15	75-69-4	FREON 11	0.98		0.11	0.71	UG/M3	0.98	
EPD-WA-03-092623	TO-15	76-13-1	FREON 113	0.47	J	0.16	0.96	UG/M3	0.47	J
EPD-WA-03-092623	TO-15	142-82-5	HEPTANE	2.6	U	0.2	2.6	UG/M3	2.6	U
EPD-WA-03-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	6.7	UJ	1.6	6.7	UG/M3	6.7	UJ
EPD-WA-03-092623	TO-15	110-54-3	HEXANE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-03-092623	TO-15	75-09-2	METHYLENE CHLORIDE	1.7		0.79	0.88	UG/M3	1.7	
EPD-WA-03-092623	TO-15	103-65-1	PROPYLBENZENE	0.62	U	0.12	0.62	UG/M3	0.62	U
EPD-WA-03-092623	TO-15	100-42-5	STYRENE	0.3	J	0.11	0.54	UG/M3	0.30	J
EPD-WA-03-092623	TO-15	109-99-9	TETRAHYDROFURAN	0.52	J	0.38	1.8	UG/M3	0.52	J
EPD-WA-03-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.57	U	0.14	0.57	UG/M3	0.57	U
EPD-WA-03-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-092623	TO-15	79-20-9	ACETIC ACID, METHYL ESTER	6.7	NJ			PPBV	6.7	NJ
EPD-WA-03-092623	TO-15	625-98-9	BENZENE, 1-CHLORO-3-FLUORO-	2	NJ			PPBV	2.0	NJ
EPD-WA-03-092623	TO-15	106-97-8	BUTANE	0.66	NJ			PPBV	0.66	NJ
EPD-WA-03-092623	TO-15	78-78-4	BUTANE, 2-METHYL-	1.8	NJ			PPBV	1.8	NJ
EPD-WA-03-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-092623	TO-15	75-28-5	ISOBUTANE	24	NJ			PPBV	24	NJ
EPD-WA-03-092623	TO-15	109-66-0	PENTANE	4.1	NJ			PPBV	4.1	NJ
EPD-WA-03-092623	TO-15	1066-40-6	SILANOL, TRIMETHYL-	3.8	NJ			PPBV	3.8	NJ

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-092623	TO-15	NA	UNKNOWN TIC	1	J			PPBV	1.0	J
EPD-WA-03-092623	TO-15	NA	UNKNOWN TIC	22	J			PPBV	22	J
EPD-WA-03-092623	TO-15	NA	UNKNOWN TIC	0.78	J			PPBV	0.78	J
EPD-WA-03-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14	U	0.011	0.14	UG/M3	0.14	U
EPD-WA-03-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.17	U	0.047	0.17	UG/M3	0.17	U
EPD-WA-03-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14	U	0.0078	0.14	UG/M3	0.14	U
EPD-WA-03-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.1	U	0.011	0.1	UG/M3	0.10	U
EPD-WA-03-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.05	U	0.01	0.05	UG/M3	0.050	U
EPD-WA-03-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.19	U	0.012	0.19	UG/M3	0.19	U
EPD-WA-03-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.11		0.0098	0.1	UG/M3	0.11	
EPD-WA-03-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.15	UJ	0.076	0.15	UG/M3	0.15	UJ
EPD-WA-03-092623	TO-15 SIM	71-43-2	BENZENE	0.37		0.016	0.2	UG/M3	0.37	
EPD-WA-03-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0069	0.16	UG/M3	0.38	
EPD-WA-03-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.17	U	0.03	0.17	UG/M3	0.17	U
EPD-WA-03-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.079	J	0.0075	0.12	UG/M3	0.079	J
EPD-WA-03-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64	J	0.19	1.3	UG/M3	0.64	J
EPD-WA-03-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1	U	0.0071	0.1	UG/M3	0.10	U
EPD-WA-03-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.24		0.0055	0.11	UG/M3	0.24	
EPD-WA-03-092623	TO-15 SIM	76-14-2	FREON 114	0.094	J	0.01	0.18	UG/M3	0.094	J
EPD-WA-03-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.0078	0.31	UG/M3	1.8	
EPD-WA-03-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.89		0.011	0.22	UG/M3	0.89	
EPD-WA-03-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.45	U	0.0056	0.45	UG/M3	0.45	U
EPD-WA-03-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.33	U	0.086	0.33	UG/M3	0.33	U
EPD-WA-03-092623	TO-15 SIM	95-47-6	O-XYLENE	0.43		0.016	0.11	UG/M3	0.43	
EPD-WA-03-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.042	J	0.011	0.17	UG/M3	0.042	J
EPD-WA-03-092623	TO-15 SIM	108-88-3	TOLUENE	0.94		0.011	0.24	UG/M3	0.94	
EPD-WA-03-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	3.7		0.0081	0.5	UG/M3	3.7	
EPD-WA-03-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.037	J	0.014	0.14	UG/M3	0.037	J
EPD-WA-03-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.032	U	0.0048	0.032	UG/M3	0.032	U
EPD-WA-04-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.1	5.3	UG/M3	5.3	U
EPD-WA-04-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-04-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.19	0.85	UG/M3	0.85	U
EPD-WA-04-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-04-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.13	0.7	UG/M3	0.70	U
EPD-WA-04-092623	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.055	0.31	UG/M3	0.31	U
EPD-WA-04-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-WA-04-092623	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.14	0.51	UG/M3	0.51	U
EPD-WA-04-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.27	3.3	UG/M3	3.3	U
EPD-WA-04-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.2	2.1	UG/M3	2.1	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092623	TO-15	591-78-6	2-HEXANONE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-04-092623	TO-15	67-63-0	2-PROPANOL	7 U		0.32	7	UG/M3	7.0 U	
EPD-WA-04-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-04-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.7 U		0.17	0.7	UG/M3	0.70 U	
EPD-WA-04-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.26 J		0.19	0.58	UG/M3	0.26 J	
EPD-WA-04-092623	TO-15	67-64-1	ACETONE	4 J		0.98	6.7	UG/M3	4.0 J	
EPD-WA-04-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74 U		0.12	0.74	UG/M3	0.74 U	
EPD-WA-04-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95 U		0.12	0.95	UG/M3	0.95 U	
EPD-WA-04-092623	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-04-092623	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-04-092623	TO-15	75-15-0	CARBON DISULFIDE	0.68 J		0.59	2.2	UG/M3	0.68 J	
EPD-WA-04-092623	TO-15	108-90-7	CHLOROBENZENE	0.65 U		0.052	0.65	UG/M3	0.65 U	
EPD-WA-04-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.1	0.64	UG/M3	0.64 U	
EPD-WA-04-092623	TO-15	98-82-8	CUMENE	0.7 U		0.089	0.7	UG/M3	0.70 U	
EPD-WA-04-092623	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-WA-04-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-04-092623	TO-15	64-17-5	ETHANOL	0.88 J		0.42	5.4	UG/M3	0.88 J	
EPD-WA-04-092623	TO-15	75-69-4	FREON 11	1		0.13	0.8	UG/M3	1.0	
EPD-WA-04-092623	TO-15	76-13-1	FREON 113	0.47 J		0.18	1.1	UG/M3	0.47 J	
EPD-WA-04-092623	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-WA-04-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6 UJ		1.8	7.6	UG/M3	7.6 UJ	
EPD-WA-04-092623	TO-15	110-54-3	HEXANE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-WA-04-092623	TO-15	75-09-2	METHYLENE CHLORIDE	0.89 J		0.89	0.99	UG/M3	0.89 J	
EPD-WA-04-092623	TO-15	103-65-1	PROPYLBENZENE	0.7 U		0.14	0.7	UG/M3	0.70 U	
EPD-WA-04-092623	TO-15	100-42-5	STYRENE	0.6 U		0.12	0.6	UG/M3	0.60 U	
EPD-WA-04-092623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.43	2.1	UG/M3	2.1 U	
EPD-WA-04-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-WA-04-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-04-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-04-092623	TO-15	1066-40-6	SILANOL, TRIMETHYL-	1.3 NJ				PPBV	1.3 NJ	
EPD-WA-04-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-04-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.053	0.19	UG/M3	0.19 U	
EPD-WA-04-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0088	0.15	UG/M3	0.15 U	
EPD-WA-04-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-04-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.011	0.056	UG/M3	0.056 U	
EPD-WA-04-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-04-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.035 J		0.011	0.11	UG/M3	0.035 J	
EPD-WA-04-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.085	0.17	UG/M3	0.17 UJ	
EPD-WA-04-092623	TO-15 SIM	71-43-2	BENZENE	0.32		0.018	0.23	UG/M3	0.32	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309496

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.0078	0.18	UG/M3	0.39	
EPD-WA-04-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.034	0.19	UG/M3	0.19	U
EPD-WA-04-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.0084	0.14	UG/M3	0.074	J
EPD-WA-04-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.67	J	0.21	1.5	UG/M3	0.67	J
EPD-WA-04-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.008	0.11	UG/M3	0.11	U
EPD-WA-04-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.057	J	0.0062	0.12	UG/M3	0.057	J
EPD-WA-04-092623	TO-15 SIM	76-14-2	FREON 114	0.097	J	0.012	0.2	UG/M3	0.097	J
EPD-WA-04-092623	TO-15 SIM	75-71-8	FREON 12	1.9		0.0088	0.35	UG/M3	1.9	
EPD-WA-04-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.17	J	0.013	0.25	UG/M3	0.25	U
EPD-WA-04-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.0063	0.51	UG/M3	0.51	U
EPD-WA-04-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.097	0.37	UG/M3	0.37	U
EPD-WA-04-092623	TO-15 SIM	95-47-6	O-XYLENE	0.075	J	0.018	0.12	UG/M3	0.075	J
EPD-WA-04-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.091	J	0.013	0.19	UG/M3	0.091	J
EPD-WA-04-092623	TO-15 SIM	108-88-3	TOLUENE	0.37		0.012	0.27	UG/M3	0.37	
EPD-WA-04-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.0092	0.56	UG/M3	0.56	U
EPD-WA-04-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.034	J	0.016	0.15	UG/M3	0.034	J
EPD-WA-04-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0054	0.036	UG/M3	0.036	U
EPD-WA-05-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-05-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22	J	0.15	0.73	UG/M3	0.22	J
EPD-WA-05-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.2	0.9	UG/M3	0.90	U
EPD-WA-05-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.19	0.69	UG/M3	0.69	U
EPD-WA-05-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.13	0.73	UG/M3	0.73	U
EPD-WA-05-092623	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.058	0.33	UG/M3	0.33	U
EPD-WA-05-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-05-092623	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.15	0.54	UG/M3	0.54	U
EPD-WA-05-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.28	3.5	UG/M3	3.5	U
EPD-WA-05-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-05-092623	TO-15	591-78-6	2-HEXANONE	3	U	0.47	3	UG/M3	3.0	U
EPD-WA-05-092623	TO-15	67-63-0	2-PROPANOL	7.3	U	0.34	7.3	UG/M3	7.3	U
EPD-WA-05-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.26	2.3	UG/M3	2.3	U
EPD-WA-05-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.73	U	0.18	0.73	UG/M3	0.73	U
EPD-WA-05-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.2	0.61	UG/M3	0.61	U
EPD-WA-05-092623	TO-15	67-64-1	ACETONE	3.6	J	1	7.1	UG/M3	3.6	J
EPD-WA-05-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.13	0.77	UG/M3	0.77	U
EPD-WA-05-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-05-092623	TO-15	75-25-2	BROMOFORM	1.5	U	0.23	1.5	UG/M3	1.5	U
EPD-WA-05-092623	TO-15	74-83-9	BROMOMETHANE	29	U	1.2	29	UG/M3	29	U
EPD-WA-05-092623	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.62	2.3	UG/M3	2.3	U
EPD-WA-05-092623	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.054	0.68	UG/M3	0.68	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68 U		0.1	0.68	UG/M3	0.68 U	
EPD-WA-05-092623	TO-15	98-82-8	CUMENE	0.73 U		0.093	0.73	UG/M3	0.73 U	
EPD-WA-05-092623	TO-15	110-82-7	CYCLOHEXANE	2.6 U		0.24	2.6	UG/M3	2.6 U	
EPD-WA-05-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3 U		0.15	1.3	UG/M3	1.3 U	
EPD-WA-05-092623	TO-15	64-17-5	ETHANOL	1.5 J		0.44	5.6	UG/M3	1.5 J	
EPD-WA-05-092623	TO-15	75-69-4	FREON 11	0.99		0.13	0.84	UG/M3	0.99	
EPD-WA-05-092623	TO-15	76-13-1	FREON 113	0.48 J		0.19	1.1	UG/M3	0.48 J	
EPD-WA-05-092623	TO-15	142-82-5	HEPTANE	3 U		0.23	3	UG/M3	3.0 U	
EPD-WA-05-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9 UJ		1.9	7.9	UG/M3	7.9 UJ	
EPD-WA-05-092623	TO-15	110-54-3	HEXANE	0.28 J		0.23	2.6	UG/M3	0.28 J	
EPD-WA-05-092623	TO-15	75-09-2	METHYLENE CHLORIDE	1.1		0.94	1	UG/M3	1.1	
EPD-WA-05-092623	TO-15	103-65-1	PROPYLBENZENE	0.73 U		0.14	0.73	UG/M3	0.73 U	
EPD-WA-05-092623	TO-15	100-42-5	STYRENE	0.63 U		0.13	0.63	UG/M3	0.63 U	
EPD-WA-05-092623	TO-15	109-99-9	TETRAHYDROFURAN	2.2 U		0.45	2.2	UG/M3	2.2 U	
EPD-WA-05-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68 U		0.17	0.68	UG/M3	0.68 U	
EPD-WA-05-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-05-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-05-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.013	0.16	UG/M3	0.16 U	
EPD-WA-05-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2 U		0.056	0.2	UG/M3	0.20 U	
EPD-WA-05-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.0093	0.16	UG/M3	0.16 U	
EPD-WA-05-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-WA-05-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059 U		0.012	0.059	UG/M3	0.059 U	
EPD-WA-05-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23 U		0.014	0.23	UG/M3	0.23 U	
EPD-WA-05-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.033 J		0.012	0.12	UG/M3	0.033 J	
EPD-WA-05-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18 UJ		0.089	0.18	UG/M3	0.18 UJ	
EPD-WA-05-092623	TO-15 SIM	71-43-2	BENZENE	0.44		0.019	0.24	UG/M3	0.44	
EPD-WA-05-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0082	0.19	UG/M3	0.38	
EPD-WA-05-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.2 U		0.036	0.2	UG/M3	0.20 U	
EPD-WA-05-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.076 J		0.0089	0.14	UG/M3	0.076 J	
EPD-WA-05-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64 J		0.22	1.5	UG/M3	0.64 J	
EPD-WA-05-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12 U		0.0084	0.12	UG/M3	0.12 U	
EPD-WA-05-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1 J		0.0065	0.13	UG/M3	0.10 J	
EPD-WA-05-092623	TO-15 SIM	76-14-2	FREON 114	0.096 J		0.012	0.21	UG/M3	0.096 J	
EPD-WA-05-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.0092	0.37	UG/M3	1.8	
EPD-WA-05-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.4		0.013	0.26	UG/M3	0.40	
EPD-WA-05-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54 U		0.0067	0.54	UG/M3	0.54 U	
EPD-WA-05-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.39 U		0.1	0.39	UG/M3	0.39 U	
EPD-WA-05-092623	TO-15 SIM	95-47-6	O-XYLENE	0.16		0.019	0.13	UG/M3	0.16	
EPD-WA-05-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.026 J		0.014	0.2	UG/M3	0.026 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-092623	TO-15 SIM	108-88-3	TOLUENE	0.61		0.013	0.28	UG/M3	0.61	
EPD-WA-05-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59 U		0.0096	0.59	UG/M3	0.59 U	
EPD-WA-05-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.023 J		0.017	0.16	UG/M3	0.023 J	
EPD-WA-05-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038 U		0.0057	0.038	UG/M3	0.038 U	
EPD-WA-06-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		1.1	5.2	UG/M3	5.2 U	
EPD-WA-06-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19 J		0.14	0.69	UG/M3	0.19 J	
EPD-WA-06-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-WA-06-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.18	0.65	UG/M3	0.65 U	
EPD-WA-06-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.13	0.69	UG/M3	0.69 U	
EPD-WA-06-092623	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.054	0.31	UG/M3	0.31 U	
EPD-WA-06-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.13	0.84	UG/M3	0.84 U	
EPD-WA-06-092623	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.14	0.5	UG/M3	0.50 U	
EPD-WA-06-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3 U		0.26	3.3	UG/M3	3.3 U	
EPD-WA-06-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.61 J		0.19	2.1	UG/M3	0.61 J	
EPD-WA-06-092623	TO-15	591-78-6	2-HEXANONE	2.9 U		0.44	2.9	UG/M3	2.9 U	
EPD-WA-06-092623	TO-15	67-63-0	2-PROPANOL	1.4 J		0.32	6.9	UG/M3	1.4 J	
EPD-WA-06-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.24	2.2	UG/M3	2.2 U	
EPD-WA-06-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.19 J		0.17	0.69	UG/M3	0.19 J	
EPD-WA-06-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.18	0.57	UG/M3	0.57 U	
EPD-WA-06-092623	TO-15	67-64-1	ACETONE	4.9 J		0.97	6.6	UG/M3	4.9 J	
EPD-WA-06-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.12	0.72	UG/M3	0.72 U	
EPD-WA-06-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.12	0.94	UG/M3	0.94 U	
EPD-WA-06-092623	TO-15	75-25-2	BROMOFORM	1.4 U		0.22	1.4	UG/M3	1.4 U	
EPD-WA-06-092623	TO-15	74-83-9	BROMOMETHANE	27 U		1.1	27	UG/M3	27 U	
EPD-WA-06-092623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.58	2.2	UG/M3	2.2 U	
EPD-WA-06-092623	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.051	0.64	UG/M3	0.64 U	
EPD-WA-06-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.099	0.64	UG/M3	0.64 U	
EPD-WA-06-092623	TO-15	98-82-8	CUMENE	0.69 U		0.088	0.69	UG/M3	0.69 U	
EPD-WA-06-092623	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.23	2.4	UG/M3	2.4 U	
EPD-WA-06-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.14	1.2	UG/M3	1.2 U	
EPD-WA-06-092623	TO-15	64-17-5	ETHANOL	16		0.41	5.3	UG/M3	16	
EPD-WA-06-092623	TO-15	75-69-4	FREON 11	1		0.12	0.79	UG/M3	1.0	
EPD-WA-06-092623	TO-15	76-13-1	FREON 113	0.46 J		0.17	1.1	UG/M3	0.46 J	
EPD-WA-06-092623	TO-15	142-82-5	HEPTANE	2.9 U		0.22	2.9	UG/M3	2.9 U	
EPD-WA-06-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5 UJ		1.8	7.5	UG/M3	7.5 UJ	
EPD-WA-06-092623	TO-15	110-54-3	HEXANE	2.5 U		0.22	2.5	UG/M3	2.5 U	
EPD-WA-06-092623	TO-15	75-09-2	METHYLENE CHLORIDE	0.98		0.88	0.97	UG/M3	0.98	
EPD-WA-06-092623	TO-15	103-65-1	PROPYLBENZENE	0.69 U		0.14	0.69	UG/M3	0.69 U	
EPD-WA-06-092623	TO-15	100-42-5	STYRENE	0.6 U		0.12	0.6	UG/M3	0.60 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-092623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.42	2.1	UG/M3	2.1 U	
EPD-WA-06-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64 U		0.16	0.64	UG/M3	0.64 U	
EPD-WA-06-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-06-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-06-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15 U		0.012	0.15	UG/M3	0.15 U	
EPD-WA-06-092623	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19 U		0.053	0.19	UG/M3	0.19 U	
EPD-WA-06-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15 U		0.0087	0.15	UG/M3	0.15 U	
EPD-WA-06-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11 U		0.012	0.11	UG/M3	0.11 U	
EPD-WA-06-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056 U		0.011	0.056	UG/M3	0.056 U	
EPD-WA-06-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.013	0.22	UG/M3	0.22 U	
EPD-WA-06-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034 J		0.011	0.11	UG/M3	0.034 J	
EPD-WA-06-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.084	0.17	UG/M3	0.17 UJ	
EPD-WA-06-092623	TO-15 SIM	71-43-2	BENZENE	0.39		0.018	0.22	UG/M3	0.39	
EPD-WA-06-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.0077	0.18	UG/M3	0.38	
EPD-WA-06-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.18 U		0.033	0.18	UG/M3	0.18 U	
EPD-WA-06-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.066 J		0.0083	0.14	UG/M3	0.066 J	
EPD-WA-06-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66 J		0.21	1.4	UG/M3	0.66 J	
EPD-WA-06-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11 U		0.0079	0.11	UG/M3	0.11 U	
EPD-WA-06-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.067 J		0.0061	0.12	UG/M3	0.067 J	
EPD-WA-06-092623	TO-15 SIM	76-14-2	FREON 114	0.093 J		0.012	0.2	UG/M3	0.093 J	
EPD-WA-06-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.0086	0.35	UG/M3	1.8	
EPD-WA-06-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23 J		0.012	0.24	UG/M3	0.24 U	
EPD-WA-06-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.0081 J		0.0062	0.5	UG/M3	0.0081 J	
EPD-WA-06-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.24 J		0.096	0.37	UG/M3	0.37 U	
EPD-WA-06-092623	TO-15 SIM	95-47-6	O-XYLENE	0.095 J		0.018	0.12	UG/M3	0.095 J	
EPD-WA-06-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.039 J		0.013	0.19	UG/M3	0.039 J	
EPD-WA-06-092623	TO-15 SIM	108-88-3	TOLUENE	0.34		0.012	0.26	UG/M3	0.34	
EPD-WA-06-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.073 J		0.009	0.56	UG/M3	0.073 J	
EPD-WA-06-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.025 J		0.016	0.15	UG/M3	0.025 J	
EPD-WA-06-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.0053	0.036	UG/M3	0.036 U	
EPD-WA-66-092623	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4 U		1.1	5.4	UG/M3	5.4 U	
EPD-WA-66-092623	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-66-092623	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87 U		0.19	0.87	UG/M3	0.87 U	
EPD-WA-66-092623	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67 U		0.19	0.67	UG/M3	0.67 U	
EPD-WA-66-092623	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71 U		0.13	0.71	UG/M3	0.71 U	
EPD-WA-66-092623	TO-15	106-99-0	1,3-BUTADIENE	0.32 U		0.056	0.32	UG/M3	0.32 U	
EPD-WA-66-092623	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87 U		0.13	0.87	UG/M3	0.87 U	
EPD-WA-66-092623	TO-15	123-91-1	1,4-DIOXANE	0.52 U		0.14	0.52	UG/M3	0.52 U	
EPD-WA-66-092623	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4 U		0.27	3.4	UG/M3	3.4 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-66-092623	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.28 J		0.2	2.1	UG/M3	0.28 J	
EPD-WA-66-092623	TO-15	591-78-6	2-HEXANONE	3 U		0.45	3	UG/M3	3.0 U	
EPD-WA-66-092623	TO-15	67-63-0	2-PROPANOL	1.6 J		0.33	7.1	UG/M3	1.6 J	
EPD-WA-66-092623	TO-15	107-05-1	3-CHLOROPROPENE	2.3 U		0.25	2.3	UG/M3	2.3 U	
EPD-WA-66-092623	TO-15	622-96-8	4-ETHYLTOLUENE	0.71 U		0.18	0.71	UG/M3	0.71 U	
EPD-WA-66-092623	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59 U		0.19	0.59	UG/M3	0.59 U	
EPD-WA-66-092623	TO-15	67-64-1	ACETONE	6.4 J		1	6.9	UG/M3	6.4 J	
EPD-WA-66-092623	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75 U		0.12	0.75	UG/M3	0.75 U	
EPD-WA-66-092623	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97 U		0.13	0.97	UG/M3	0.97 U	
EPD-WA-66-092623	TO-15	75-25-2	BROMOFORM	1.5 U		0.22	1.5	UG/M3	1.5 U	
EPD-WA-66-092623	TO-15	74-83-9	BROMOMETHANE	28 U		1.2	28	UG/M3	28 U	
EPD-WA-66-092623	TO-15	75-15-0	CARBON DISULFIDE	2.2 U		0.61	2.2	UG/M3	2.2 U	
EPD-WA-66-092623	TO-15	108-90-7	CHLOROBENZENE	0.67 U		0.053	0.67	UG/M3	0.67 U	
EPD-WA-66-092623	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66 U		0.1	0.66	UG/M3	0.66 U	
EPD-WA-66-092623	TO-15	98-82-8	CUMENE	0.71 U		0.091	0.71	UG/M3	0.71 U	
EPD-WA-66-092623	TO-15	110-82-7	CYCLOHEXANE	2.5 U		0.24	2.5	UG/M3	2.5 U	
EPD-WA-66-092623	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.15	1.2	UG/M3	1.2 U	
EPD-WA-66-092623	TO-15	64-17-5	ETHANOL	15		0.43	5.5	UG/M3	15	
EPD-WA-66-092623	TO-15	75-69-4	FREON 11	1		0.13	0.81	UG/M3	1.0	
EPD-WA-66-092623	TO-15	76-13-1	FREON 113	0.41 J		0.18	1.1	UG/M3	0.41 J	
EPD-WA-66-092623	TO-15	142-82-5	HEPTANE	3 U		0.23	3	UG/M3	3.0 U	
EPD-WA-66-092623	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7 UJ		1.8	7.7	UG/M3	7.7 UJ	
EPD-WA-66-092623	TO-15	110-54-3	HEXANE	0.26 J		0.23	2.6	UG/M3	0.26 J	
EPD-WA-66-092623	TO-15	75-09-2	METHYLENE CHLORIDE	0.92 J		0.91	1	UG/M3	0.92 J	
EPD-WA-66-092623	TO-15	103-65-1	PROPYLBENZENE	0.71 U		0.14	0.71	UG/M3	0.71 U	
EPD-WA-66-092623	TO-15	100-42-5	STYRENE	0.62 U		0.12	0.62	UG/M3	0.62 U	
EPD-WA-66-092623	TO-15	109-99-9	TETRAHYDROFURAN	2.1 U		0.44	2.1	UG/M3	2.1 U	
EPD-WA-66-092623	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66 U		0.16	0.66	UG/M3	0.66 U	
EPD-WA-66-092623	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-66-092623	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0 U				PPBV	0 U,NF	
EPD-WA-66-092623	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16 U		0.012	0.16	UG/M3	0.16 U	
EPD-WA-66-092623	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-66-092623	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16 U		0.009	0.16	UG/M3	0.16 U	
EPD-WA-66-092623	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12 U		0.013	0.12	UG/M3	0.12 U	
EPD-WA-66-092623	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057 U		0.011	0.057	UG/M3	0.057 U	
EPD-WA-66-092623	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22 U		0.014	0.22	UG/M3	0.22 U	
EPD-WA-66-092623	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.034 J		0.011	0.12	UG/M3	0.034 J	
EPD-WA-66-092623	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17 UJ		0.087	0.17	UG/M3	0.17 UJ	
EPD-WA-66-092623	TO-15 SIM	71-43-2	BENZENE	0.37		0.019	0.23	UG/M3	0.37	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2309496

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-66-092623	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.0079	0.18	UG/M3	0.37	
EPD-WA-66-092623	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.034	0.19	UG/M3	0.19	U
EPD-WA-66-092623	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.0086	0.14	UG/M3	0.068	J
EPD-WA-66-092623	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64	J	0.22	1.5	UG/M3	0.64	J
EPD-WA-66-092623	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0082	0.11	UG/M3	0.11	U
EPD-WA-66-092623	TO-15 SIM	100-41-4	ETHYL BENZENE	0.064	J	0.0063	0.12	UG/M3	0.064	J
EPD-WA-66-092623	TO-15 SIM	76-14-2	FREON 114	0.094	J	0.012	0.2	UG/M3	0.094	J
EPD-WA-66-092623	TO-15 SIM	75-71-8	FREON 12	1.8		0.009	0.36	UG/M3	1.8	
EPD-WA-66-092623	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23	J	0.013	0.25	UG/M3	0.25	U
EPD-WA-66-092623	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0065	0.52	UG/M3	0.52	U
EPD-WA-66-092623	TO-15 SIM	91-20-3	NAPHTHALENE	0.23	J	0.099	0.38	UG/M3	0.38	U
EPD-WA-66-092623	TO-15 SIM	95-47-6	O-XYLENE	0.091	J	0.018	0.12	UG/M3	0.091	J
EPD-WA-66-092623	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.037	J	0.013	0.2	UG/M3	0.037	J
EPD-WA-66-092623	TO-15 SIM	108-88-3	TOLUENE	0.36		0.012	0.27	UG/M3	0.36	
EPD-WA-66-092623	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.11	J	0.0094	0.57	UG/M3	0.11	J
EPD-WA-66-092623	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.024	J	0.017	0.16	UG/M3	0.024	J
EPD-WA-66-092623	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.0055	0.037	UG/M3	0.037	U