TETRA TECH

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December 7, 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. 2239

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 35 air samples (including 4 field duplicate samples) collected at the E Palestine site. The samples were collected on October 7 to 12, 2023, and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on October 14, 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: 2023.12.07 12:02:18 -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

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ATTACHMENT

DATA VALIDATION REPORT
EUROFINS AIR TOXICS, LLC REPORT NOS. 2310160, 2310190, 2310225 AND 2310275

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

Site Name	E Palestine Site - ER	**TO/TOLIN No.**	68HE0520F0032/0001EB201
Document Tracking No.	2239a		
Laboratory Report No.	2310160	**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)	10/07/2023		
Field Duplicate Pairs	EPD-WA-02-100723/EPD-WA-22-100723		
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) were not provided in the Level II laboratory report. The laboratory provided the RPDs and COC separately. No qualifications were applied.

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2310160-10A): Acetone was detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). Acetone in samples EPD-DW-C-100723, EPD-WA-03-100723, EPD-WA-05-100723, EPD-WA-06-100723 and EPD-WA-22-100723 were detected below the RL; therefore, the results were qualified as nondetect (flagged U) at the RL. Acetone in sample EPD-WA-01-100723 was greater than ten times the blank value; therefore, no qualifications were necessary. All remaining acetone sample results were less than ten times the blank value; therefore, the results were qualified as estimated, possibly high bias (flagged J+). TO-15 SIM (2310160-10B): 1,4-Dichlorobenzene and m,p-xylene were detected in the method blank at levels between the MDL and RL. 1,4-Dichlorobenzene in sample EPD-WA-04-100723 was detected below the RL; therefore, the result was qualified as nondetect (flagged U) at the RL. All remaining 1,4-dichlorobenzene sample results were nondetect; therefore, no qualifications were necessary. m,p-Xylene in samples EPD-DW-C-100723, EPD-UW-G-100723, EPD-WA-02-100723, EPD-WA-03-100723 and EPD-WA-22-100723 were detected below the RL; therefore, the results were qualified as nondetect (flagged U) at the RL. All remaining m,p-xylene sample results were greater than ten times the blank value; therefore, no qualifications were necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

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 1.58. 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	

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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. 2310160

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-DW-C-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71	U	0.17	0.71	UG/M3	0.71	U
EPD-DW-C-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87	U	0.14	0.87	UG/M3	0.87	U
EPD-DW-C-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-DW-C-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-DW-C-100723	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-DW-C-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87	U	0.087	0.87	UG/M3	0.87	U
EPD-DW-C-100723	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.076	0.52	UG/M3	0.52	U
EPD-DW-C-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.22	3.4	UG/M3	3.4	U
EPD-DW-C-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.43	J	0.36	2.1	UG/M3	0.43	J
EPD-DW-C-100723	TO-15	591-78-6	2-HEXANONE	3	U	0.56	3	UG/M3	3.0	U
EPD-DW-C-100723	TO-15	67-63-0	2-PROPANOL	7.1	U	0.17	7.1	UG/M3	7.1	U
EPD-DW-C-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-DW-C-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.71	U	0.12	0.71	UG/M3	0.71	U
EPD-DW-C-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-DW-C-100723	TO-15	67-64-1	ACETONE	6.4	J	0.52	6.9	UG/M3	6.9	U
EPD-DW-C-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75	U	0.22	0.75	UG/M3	0.75	U
EPD-DW-C-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97	U	0.12	0.97	UG/M3	0.97	U
EPD-DW-C-100723	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-DW-C-100723	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-DW-C-100723	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.1	2.2	UG/M3	2.2	U
EPD-DW-C-100723	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.077	0.67	UG/M3	0.67	U
EPD-DW-C-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-DW-C-100723	TO-15	98-82-8	CUMENE	0.71	U	0.066	0.71	UG/M3	0.71	U
EPD-DW-C-100723	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-DW-C-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-DW-C-100723	TO-15	64-17-5	ETHANOL	1.7	J	0.69	5.5	UG/M3	1.7	J
EPD-DW-C-100723	TO-15	75-69-4	FREON 11	1.3		0.12	0.81	UG/M3	1.3	
EPD-DW-C-100723	TO-15	76-13-1	FREON 113	0.52	J	0.11	1.1	UG/M3	0.52	J
EPD-DW-C-100723	TO-15	142-82-5	HEPTANE	3	U	0.41	3	UG/M3	3.0	U
EPD-DW-C-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.51	7.7	UG/M3	7.7	U
EPD-DW-C-100723	TO-15	110-54-3	HEXANE	0.25	J	0.23	2.6	UG/M3	0.25	J
EPD-DW-C-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.36	J	0.31	1	UG/M3	0.36	J
EPD-DW-C-100723	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-DW-C-100723	TO-15	100-42-5	STYRENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-DW-C-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-DW-C-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.13	0.66	UG/M3	0.66	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-C-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-C-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-DW-C-100723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.085	0.2	UG/M3	0.20	U
EPD-DW-C-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-DW-C-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-DW-C-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-DW-C-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.078	0.22	UG/M3	0.22	U
EPD-DW-C-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.055	J	0.03	0.12	UG/M3	0.055	J
EPD-DW-C-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.062	0.17	UG/M3	0.17	U
EPD-DW-C-100723	TO-15 SIM	71-43-2	BENZENE	0.39		0.026	0.23	UG/M3	0.39	
EPD-DW-C-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.039	0.18	UG/M3	0.48	
EPD-DW-C-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-DW-C-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.087	J	0.021	0.14	UG/M3	0.087	J
EPD-DW-C-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.91	J	0.3	1.5	UG/M3	0.91	J
EPD-DW-C-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-DW-C-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.053	J	0.012	0.12	UG/M3	0.053	J
EPD-DW-C-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-DW-C-100723	TO-15 SIM	75-71-8	FREON 12	2.5		0.026	0.36	UG/M3	2.5	
EPD-DW-C-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.16	J	0.0077	0.25	UG/M3	0.25	U
EPD-DW-C-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-DW-C-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-DW-C-100723	TO-15 SIM	95-47-6	O-XYLENE	0.064	J	0.011	0.12	UG/M3	0.064	J
EPD-DW-C-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.28		0.11	0.2	UG/M3	0.28	
EPD-DW-C-100723	TO-15 SIM	108-88-3	TOLUENE	0.52		0.014	0.27	UG/M3	0.52	
EPD-DW-C-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-DW-C-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-DW-C-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.011	0.037	UG/M3	0.037	U
EPD-UW-G-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.9	U	1.3	5.9	UG/M3	5.9	U
EPD-UW-G-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.78	U	0.19	0.78	UG/M3	0.78	U
EPD-UW-G-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.95	U	0.15	0.95	UG/M3	0.95	U
EPD-UW-G-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-UW-G-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.78	U	0.16	0.78	UG/M3	0.78	U
EPD-UW-G-100723	TO-15	106-99-0	1,3-BUTADIENE	0.35	U	0.048	0.35	UG/M3	0.35	U
EPD-UW-G-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.95	U	0.094	0.95	UG/M3	0.95	U
EPD-UW-G-100723	TO-15	123-91-1	1,4-DIOXANE	0.13	J	0.082	0.57	UG/M3	0.13	J
EPD-UW-G-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.3	J	0.24	3.7	UG/M3	0.30	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310160

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-G-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.3	J	0.4	2.3	UG/M3	1.3	J
EPD-UW-G-100723	TO-15	591-78-6	2-HEXANONE	3.2	U	0.61	3.2	UG/M3	3.2	U
EPD-UW-G-100723	TO-15	67-63-0	2-PROPANOL	7.8	U	0.19	7.8	UG/M3	7.8	U
EPD-UW-G-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.5	U	0.22	2.5	UG/M3	2.5	U
EPD-UW-G-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.78	U	0.13	0.78	UG/M3	0.78	U
EPD-UW-G-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.65	U	0.2	0.65	UG/M3	0.65	U
EPD-UW-G-100723	TO-15	67-64-1	ACETONE	12		0.56	7.5	UG/M3	12	J+
EPD-UW-G-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.82	U	0.24	0.82	UG/M3	0.82	U
EPD-UW-G-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-UW-G-100723	TO-15	75-25-2	BROMOFORM	1.6	U	0.16	1.6	UG/M3	1.6	U
EPD-UW-G-100723	TO-15	74-83-9	BROMOMETHANE	31	U	1.5	31	UG/M3	31	U
EPD-UW-G-100723	TO-15	75-15-0	CARBON DISULFIDE	0.11	J	0.11	2.5	UG/M3	0.11	J
EPD-UW-G-100723	TO-15	108-90-7	CHLOROBENZENE	0.73	U	0.084	0.73	UG/M3	0.73	U
EPD-UW-G-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.72	U	0.19	0.72	UG/M3	0.72	U
EPD-UW-G-100723	TO-15	98-82-8	CUMENE	0.78	U	0.072	0.78	UG/M3	0.78	U
EPD-UW-G-100723	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.46	2.7	UG/M3	2.7	U
EPD-UW-G-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.2	1.3	UG/M3	1.3	U
EPD-UW-G-100723	TO-15	64-17-5	ETHANOL	3.7	J	0.76	6	UG/M3	3.7	J
EPD-UW-G-100723	TO-15	75-69-4	FREON 11	1.4		0.13	0.89	UG/M3	1.4	
EPD-UW-G-100723	TO-15	76-13-1	FREON 113	0.59	J	0.12	1.2	UG/M3	0.59	J
EPD-UW-G-100723	TO-15	142-82-5	HEPTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-UW-G-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.4	U	0.55	8.4	UG/M3	8.4	U
EPD-UW-G-100723	TO-15	110-54-3	HEXANE	0.34	J	0.25	2.8	UG/M3	0.34	J
EPD-UW-G-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.39	J	0.34	1.1	UG/M3	0.39	J
EPD-UW-G-100723	TO-15	103-65-1	PROPYLBENZENE	0.78	U	0.18	0.78	UG/M3	0.78	U
EPD-UW-G-100723	TO-15	100-42-5	STYRENE	0.67	U	0.11	0.67	UG/M3	0.67	U
EPD-UW-G-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-UW-G-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-UW-G-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-G-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-G-100723	TO-15	NA	UNKNOWN TIC	0.82	J			PPBV	0.82	J
EPD-UW-G-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-UW-G-100723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.22	U	0.092	0.22	UG/M3	0.22	U
EPD-UW-G-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-UW-G-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.13	U	0.018	0.13	UG/M3	0.13	U
EPD-UW-G-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.063	U	0.024	0.063	UG/M3	0.063	U
EPD-UW-G-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.085	0.24	UG/M3	0.24	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-G-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.058	J	0.033	0.13	UG/M3	0.058	J
EPD-UW-G-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.067	0.19	UG/M3	0.19	U
EPD-UW-G-100723	TO-15 SIM	71-43-2	BENZENE	0.47		0.028	0.25	UG/M3	0.47	
EPD-UW-G-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.042	0.2	UG/M3	0.47	
EPD-UW-G-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.21	U	0.023	0.21	UG/M3	0.21	U
EPD-UW-G-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.082	J	0.023	0.15	UG/M3	0.082	J
EPD-UW-G-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.9	J	0.33	1.6	UG/M3	0.90	J
EPD-UW-G-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-UW-G-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.081	J	0.013	0.14	UG/M3	0.081	J
EPD-UW-G-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.018	0.22	UG/M3	0.13	J
EPD-UW-G-100723	TO-15 SIM	75-71-8	FREON 12	2.5		0.029	0.39	UG/M3	2.5	
EPD-UW-G-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.26	J	0.0084	0.27	UG/M3	0.27	U
EPD-UW-G-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.57	U	0.016	0.57	UG/M3	0.57	U
EPD-UW-G-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	0.12	0.41	UG/M3	0.41	U
EPD-UW-G-100723	TO-15 SIM	95-47-6	O-XYLENE	0.1	J	0.012	0.14	UG/M3	0.10	J
EPD-UW-G-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U
EPD-UW-G-100723	TO-15 SIM	108-88-3	TOLUENE	0.61		0.015	0.3	UG/M3	0.61	
EPD-UW-G-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.63	U	0.014	0.63	UG/M3	0.63	U
EPD-UW-G-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-UW-G-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.012	0.04	UG/M3	0.040	U
EPD-WA-01-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-01-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-01-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-01-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-01-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-01-100723	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.042	0.31	UG/M3	0.31	U
EPD-WA-01-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.083	0.84	UG/M3	0.84	U
EPD-WA-01-100723	TO-15	123-91-1	1,4-DIOXANE	0.14	J	0.072	0.5	UG/M3	0.14	J
EPD-WA-01-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.3	J	0.21	3.2	UG/M3	0.30	J
EPD-WA-01-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1	J	0.35	2	UG/M3	1.1	J
EPD-WA-01-100723	TO-15	591-78-6	2-HEXANONE	2.8	U	0.54	2.8	UG/M3	2.8	U
EPD-WA-01-100723	TO-15	67-63-0	2-PROPANOL	6.8	U	0.16	6.8	UG/M3	6.8	U
EPD-WA-01-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-01-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.68	U	0.12	0.68	UG/M3	0.68	U
EPD-WA-01-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.17	0.57	UG/M3	0.57	U
EPD-WA-01-100723	TO-15	67-64-1	ACETONE	14		0.49	6.6	UG/M3	14	
EPD-WA-01-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93	U	0.12	0.93	UG/M3	0.93	U
EPD-WA-01-100723	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-01-100723	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-01-100723	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-01-100723	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-01-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-01-100723	TO-15	98-82-8	CUMENE	0.68	U	0.063	0.68	UG/M3	0.68	U
EPD-WA-01-100723	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-WA-01-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-01-100723	TO-15	64-17-5	ETHANOL	3.4	J	0.66	5.2	UG/M3	3.4	J
EPD-WA-01-100723	TO-15	75-69-4	FREON 11	1.3		0.12	0.78	UG/M3	1.3	
EPD-WA-01-100723	TO-15	76-13-1	FREON 113	0.5	J	0.11	1.1	UG/M3	0.50	J
EPD-WA-01-100723	TO-15	142-82-5	HEPTANE	2.8	U	0.4	2.8	UG/M3	2.8	U
EPD-WA-01-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.49	7.4	UG/M3	7.4	U
EPD-WA-01-100723	TO-15	110-54-3	HEXANE	0.37	J	0.22	2.4	UG/M3	0.37	J
EPD-WA-01-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.45	J	0.3	0.96	UG/M3	0.45	J
EPD-WA-01-100723	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-01-100723	TO-15	100-42-5	STYRENE	0.59	U	0.096	0.59	UG/M3	0.59	U
EPD-WA-01-100723	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.35	2	UG/M3	2.0	U
EPD-WA-01-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-01-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-100723	TO-15	NA	UNKNOWN TIC	0.71	J			PPBV	0.71	J
EPD-WA-01-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-100723	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-01-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-WA-01-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-01-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.021	0.055	UG/M3	0.055	U
EPD-WA-01-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.075	0.21	UG/M3	0.21	U
EPD-WA-01-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.029	0.11	UG/M3	0.054	J
EPD-WA-01-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-01-100723	TO-15 SIM	71-43-2	BENZENE	0.47		0.025	0.22	UG/M3	0.47	
EPD-WA-01-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.037	0.17	UG/M3	0.46	
EPD-WA-01-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-01-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.02	0.14	UG/M3	0.074	J
EPD-WA-01-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.88	J	0.29	1.4	UG/M3	0.88	J
EPD-WA-01-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.073	J	0.012	0.12	UG/M3	0.073	J
EPD-WA-01-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.19	UG/M3	0.13	J
EPD-WA-01-100723	TO-15 SIM	75-71-8	FREON 12	2.4		0.025	0.34	UG/M3	2.4	
EPD-WA-01-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24		0.0074	0.24	UG/M3	0.24	
EPD-WA-01-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-01-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.1	0.36	UG/M3	0.36	U
EPD-WA-01-100723	TO-15 SIM	95-47-6	O-XYLENE	0.096	J	0.01	0.12	UG/M3	0.096	J
EPD-WA-01-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.14	J	0.1	0.19	UG/M3	0.14	J
EPD-WA-01-100723	TO-15 SIM	108-88-3	TOLUENE	0.56		0.014	0.26	UG/M3	0.56	
EPD-WA-01-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.076	J	0.013	0.55	UG/M3	0.076	J
EPD-WA-01-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-02-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-WA-02-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19	J	0.17	0.7	UG/M3	0.19	J
EPD-WA-02-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-WA-02-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-WA-02-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-02-100723	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U
EPD-WA-02-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.085	0.85	UG/M3	0.85	U
EPD-WA-02-100723	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.074	0.51	UG/M3	0.51	U
EPD-WA-02-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.25	J	0.22	3.3	UG/M3	0.25	J
EPD-WA-02-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.48	J	0.36	2.1	UG/M3	0.48	J
EPD-WA-02-100723	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-WA-02-100723	TO-15	67-63-0	2-PROPANOL	7	U	0.17	7	UG/M3	7.0	U
EPD-WA-02-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-02-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.14	J	0.12	0.7	UG/M3	0.14	J
EPD-WA-02-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-02-100723	TO-15	67-64-1	ACETONE	6.7		0.5	6.7	UG/M3	6.7	J+
EPD-WA-02-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.21	0.74	UG/M3	0.74	U
EPD-WA-02-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.12	0.95	UG/M3	0.95	U
EPD-WA-02-100723	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-02-100723	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-02-100723	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.098	2.2	UG/M3	2.2	U
EPD-WA-02-100723	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.075	0.65	UG/M3	0.65	U
EPD-WA-02-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-02-100723	TO-15	98-82-8	CUMENE	0.7	U	0.064	0.7	UG/M3	0.70	U
EPD-WA-02-100723	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-02-100723	TO-15	64-17-5	ETHANOL	3.4	J	0.68	5.4	UG/M3	3.4	J
EPD-WA-02-100723	TO-15	75-69-4	FREON 11	1.3		0.12	0.8	UG/M3	1.3	
EPD-WA-02-100723	TO-15	76-13-1	FREON 113	0.52	J	0.11	1.1	UG/M3	0.52	J
EPD-WA-02-100723	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-02-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-WA-02-100723	TO-15	110-54-3	HEXANE	0.3	J	0.23	2.5	UG/M3	0.30	J
EPD-WA-02-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J	0.31	0.99	UG/M3	0.42	J
EPD-WA-02-100723	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-WA-02-100723	TO-15	100-42-5	STYRENE	0.6	U	0.098	0.6	UG/M3	0.60	U
EPD-WA-02-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-02-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-02-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-02-100723	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-02-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-WA-02-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-02-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.022	0.056	UG/M3	0.056	U
EPD-WA-02-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-02-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.029	0.11	UG/M3	0.056	J
EPD-WA-02-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-WA-02-100723	TO-15 SIM	71-43-2	BENZENE	0.6		0.026	0.23	UG/M3	0.60	
EPD-WA-02-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.038	0.18	UG/M3	0.46	
EPD-WA-02-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.02	0.19	UG/M3	0.19	U
EPD-WA-02-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.077	J	0.02	0.14	UG/M3	0.077	J
EPD-WA-02-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87	J	0.3	1.5	UG/M3	0.87	J
EPD-WA-02-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-02-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.076	J	0.012	0.12	UG/M3	0.076	J
EPD-WA-02-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-WA-02-100723	TO-15 SIM	75-71-8	FREON 12	2.4		0.026	0.35	UG/M3	2.4	
EPD-WA-02-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.23	J	0.0075	0.25	UG/M3	0.25	U
EPD-WA-02-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-WA-02-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.11	J	0.11	0.37	UG/M3	0.11	J
EPD-WA-02-100723	TO-15 SIM	95-47-6	O-XYLENE	0.089	J	0.01	0.12	UG/M3	0.089	J
EPD-WA-02-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-02-100723	TO-15 SIM	108-88-3	TOLUENE	0.56		0.014	0.27	UG/M3	0.56	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.13	J	0.013	0.56	UG/M3	0.13	J
EPD-WA-02-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-02-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-03-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-03-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.73	U	0.18	0.73	UG/M3	0.73	U
EPD-WA-03-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.14	0.89	UG/M3	0.89	U
EPD-WA-03-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-03-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-03-100723	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-03-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.088	0.89	UG/M3	0.89	U
EPD-WA-03-100723	TO-15	123-91-1	1,4-DIOXANE	0.17	J	0.077	0.53	UG/M3	0.17	J
EPD-WA-03-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.4	U	0.22	3.4	UG/M3	3.4	U
EPD-WA-03-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42	J	0.37	2.2	UG/M3	0.42	J
EPD-WA-03-100723	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-03-100723	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-03-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-03-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-03-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.19	J	0.18	0.61	UG/M3	0.19	J
EPD-WA-03-100723	TO-15	67-64-1	ACETONE	5.1	J	0.53	7	UG/M3	7.0	U
EPD-WA-03-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-03-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.12	0.99	UG/M3	0.99	U
EPD-WA-03-100723	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-03-100723	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-03-100723	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-03-100723	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.078	0.68	UG/M3	0.68	U
EPD-WA-03-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.18	0.67	UG/M3	0.67	U
EPD-WA-03-100723	TO-15	98-82-8	CUMENE	0.73	U	0.067	0.73	UG/M3	0.73	U
EPD-WA-03-100723	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.43	2.5	UG/M3	2.5	U
EPD-WA-03-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.18	1.3	UG/M3	1.3	U
EPD-WA-03-100723	TO-15	64-17-5	ETHANOL	2.1	J	0.71	5.6	UG/M3	2.1	J
EPD-WA-03-100723	TO-15	75-69-4	FREON 11	1.4		0.12	0.83	UG/M3	1.4	
EPD-WA-03-100723	TO-15	76-13-1	FREON 113	0.52	J	0.12	1.1	UG/M3	0.52	J
EPD-WA-03-100723	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-03-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-03-100723	TO-15	110-54-3	HEXANE	0.26	J	0.24	2.6	UG/M3	0.26	J
EPD-WA-03-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.4	J	0.32	1	UG/M3	0.40	J
EPD-WA-03-100723	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-100723	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-03-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-03-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-03-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-03-100723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.086	0.2	UG/M3	0.20	U
EPD-WA-03-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-03-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-03-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.022	0.059	UG/M3	0.059	U
EPD-WA-03-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.08	0.23	UG/M3	0.23	U
EPD-WA-03-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.03	0.12	UG/M3	0.056	J
EPD-WA-03-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.063	0.18	UG/M3	0.18	U
EPD-WA-03-100723	TO-15 SIM	71-43-2	BENZENE	0.41		0.027	0.24	UG/M3	0.41	
EPD-WA-03-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.04	0.19	UG/M3	0.46	
EPD-WA-03-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-03-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.021	0.14	UG/M3	0.080	J
EPD-WA-03-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.9	J	0.31	1.5	UG/M3	0.90	J
EPD-WA-03-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-03-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.053	J	0.012	0.13	UG/M3	0.053	J
EPD-WA-03-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.017	0.21	UG/M3	0.13	J
EPD-WA-03-100723	TO-15 SIM	75-71-8	FREON 12	2.5		0.027	0.36	UG/M3	2.5	
EPD-WA-03-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.17	J	0.0078	0.26	UG/M3	0.26	U
EPD-WA-03-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-03-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-WA-03-100723	TO-15 SIM	95-47-6	O-XYLENE	0.065	J	0.011	0.13	UG/M3	0.065	J
EPD-WA-03-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-03-100723	TO-15 SIM	108-88-3	TOLUENE	0.42		0.014	0.28	UG/M3	0.42	
EPD-WA-03-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.013	0.59	UG/M3	0.59	U
EPD-WA-03-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-03-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.011	0.038	UG/M3	0.038	U
EPD-WA-04-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-WA-04-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.17	J	0.17	0.7	UG/M3	0.17	J
EPD-WA-04-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-WA-04-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-WA-04-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-04-100723	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.085	0.85	UG/M3	0.85	U
EPD-WA-04-100723	TO-15	123-91-1	1,4-DIOXANE	0.24	J	0.074	0.51	UG/M3	0.24	J
EPD-WA-04-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.27	J	0.22	3.3	UG/M3	0.27	J
EPD-WA-04-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.3	J	0.36	2.1	UG/M3	1.3	J
EPD-WA-04-100723	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-WA-04-100723	TO-15	67-63-0	2-PROPANOL	7	U	0.17	7	UG/M3	7.0	U
EPD-WA-04-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-04-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.7	U	0.12	0.7	UG/M3	0.70	U
EPD-WA-04-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-04-100723	TO-15	67-64-1	ACETONE	12		0.5	6.7	UG/M3	12	J+
EPD-WA-04-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.21	0.74	UG/M3	0.74	U
EPD-WA-04-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.12	0.95	UG/M3	0.95	U
EPD-WA-04-100723	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-04-100723	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-04-100723	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.098	2.2	UG/M3	2.2	U
EPD-WA-04-100723	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.075	0.65	UG/M3	0.65	U
EPD-WA-04-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-04-100723	TO-15	98-82-8	CUMENE	0.7	U	0.064	0.7	UG/M3	0.70	U
EPD-WA-04-100723	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-WA-04-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-04-100723	TO-15	64-17-5	ETHANOL	2.8	J	0.68	5.4	UG/M3	2.8	J
EPD-WA-04-100723	TO-15	75-69-4	FREON 11	1.3		0.12	0.8	UG/M3	1.3	
EPD-WA-04-100723	TO-15	76-13-1	FREON 113	0.5	J	0.11	1.1	UG/M3	0.50	J
EPD-WA-04-100723	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-04-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-WA-04-100723	TO-15	110-54-3	HEXANE	0.37	J	0.23	2.5	UG/M3	0.37	J
EPD-WA-04-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.41	J	0.31	0.99	UG/M3	0.41	J
EPD-WA-04-100723	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-WA-04-100723	TO-15	100-42-5	STYRENE	0.6	U	0.098	0.6	UG/M3	0.60	U
EPD-WA-04-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-04-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-04-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-100723	TO-15	NA	UNKNOWN TIC	0.78	J			PPBV	0.78	J
EPD-WA-04-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-04-100723	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-04-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-04-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.022	0.056	UG/M3	0.056	U
EPD-WA-04-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-04-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.029	0.11	UG/M3	0.056	J
EPD-WA-04-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.075	J	0.06	0.17	UG/M3	0.17	U
EPD-WA-04-100723	TO-15 SIM	71-43-2	BENZENE	0.57		0.026	0.23	UG/M3	0.57	
EPD-WA-04-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.038	0.18	UG/M3	0.46	
EPD-WA-04-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.02	0.19	UG/M3	0.19	U
EPD-WA-04-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.077	J	0.02	0.14	UG/M3	0.077	J
EPD-WA-04-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.3	1.5	UG/M3	0.92	J
EPD-WA-04-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-04-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.079	J	0.012	0.12	UG/M3	0.079	J
EPD-WA-04-100723	TO-15 SIM	76-14-2	FREON 114	0.14	J	0.016	0.2	UG/M3	0.14	J
EPD-WA-04-100723	TO-15 SIM	75-71-8	FREON 12	2.5		0.026	0.35	UG/M3	2.5	
EPD-WA-04-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.25		0.0075	0.25	UG/M3	0.25	
EPD-WA-04-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-WA-04-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-WA-04-100723	TO-15 SIM	95-47-6	O-XYLENE	0.099	J	0.01	0.12	UG/M3	0.099	J
EPD-WA-04-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.12	J	0.1	0.19	UG/M3	0.12	J
EPD-WA-04-100723	TO-15 SIM	108-88-3	TOLUENE	0.59		0.014	0.27	UG/M3	0.59	
EPD-WA-04-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-WA-04-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-04-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-05-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-WA-05-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.24	J	0.17	0.71	UG/M3	0.24	J
EPD-WA-05-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87	U	0.14	0.87	UG/M3	0.87	U
EPD-WA-05-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-05-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U
EPD-WA-05-100723	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-WA-05-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87	U	0.087	0.87	UG/M3	0.87	U
EPD-WA-05-100723	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.076	0.52	UG/M3	0.52	U
EPD-WA-05-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.4	J	0.22	3.4	UG/M3	0.40	J
EPD-WA-05-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-05-100723	TO-15	591-78-6	2-HEXANONE	3	U	0.56	3	UG/M3	3.0	U
EPD-WA-05-100723	TO-15	67-63-0	2-PROPANOL	7.1	U	0.17	7.1	UG/M3	7.1	U
EPD-WA-05-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-05-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.71	U	0.12	0.71	UG/M3	0.71	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-WA-05-100723	TO-15	67-64-1	ACETONE	4.4	J	0.52	6.9	UG/M3	6.9	U
EPD-WA-05-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75	U	0.22	0.75	UG/M3	0.75	U
EPD-WA-05-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97	U	0.12	0.97	UG/M3	0.97	U
EPD-WA-05-100723	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-05-100723	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-05-100723	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.1	2.2	UG/M3	2.2	U
EPD-WA-05-100723	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.077	0.67	UG/M3	0.67	U
EPD-WA-05-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-05-100723	TO-15	98-82-8	CUMENE	0.71	U	0.066	0.71	UG/M3	0.71	U
EPD-WA-05-100723	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-WA-05-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-05-100723	TO-15	64-17-5	ETHANOL	3.5	J	0.69	5.5	UG/M3	3.5	J
EPD-WA-05-100723	TO-15	75-69-4	FREON 11	1.4		0.12	0.81	UG/M3	1.4	
EPD-WA-05-100723	TO-15	76-13-1	FREON 113	0.57	J	0.11	1.1	UG/M3	0.57	J
EPD-WA-05-100723	TO-15	142-82-5	HEPTANE	3	U	0.41	3	UG/M3	3.0	U
EPD-WA-05-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.51	7.7	UG/M3	7.7	U
EPD-WA-05-100723	TO-15	110-54-3	HEXANE	0.58	J	0.23	2.6	UG/M3	0.58	J
EPD-WA-05-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.41	J	0.31	1	UG/M3	0.41	J
EPD-WA-05-100723	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-WA-05-100723	TO-15	100-42-5	STYRENE	0.62	U	0.1	0.62	UG/M3	0.62	U
EPD-WA-05-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-05-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-WA-05-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-05-100723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.085	0.2	UG/M3	0.20	U
EPD-WA-05-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-WA-05-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-05-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-05-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.078	0.22	UG/M3	0.22	U
EPD-WA-05-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.059	J	0.03	0.12	UG/M3	0.059	J
EPD-WA-05-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.062	0.17	UG/M3	0.17	U
EPD-WA-05-100723	TO-15 SIM	71-43-2	BENZENE	0.53		0.026	0.23	UG/M3	0.53	
EPD-WA-05-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.039	0.18	UG/M3	0.48	
EPD-WA-05-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-05-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.021	0.14	UG/M3	0.080	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.3	1.5	UG/M3	0.92	J
EPD-WA-05-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-WA-05-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.11	J	0.012	0.12	UG/M3	0.11	J
EPD-WA-05-100723	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-05-100723	TO-15 SIM	75-71-8	FREON 12	2.5		0.026	0.36	UG/M3	2.5	
EPD-WA-05-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.39		0.0077	0.25	UG/M3	0.39	
EPD-WA-05-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-05-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-WA-05-100723	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.011	0.12	UG/M3	0.15	
EPD-WA-05-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-05-100723	TO-15 SIM	108-88-3	TOLUENE	0.96		0.014	0.27	UG/M3	0.96	
EPD-WA-05-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-WA-05-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-05-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.011	0.037	UG/M3	0.037	U
EPD-WA-06-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	1.2	5.5	UG/M3	5.5	U
EPD-WA-06-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22	J	0.18	0.73	UG/M3	0.22	J
EPD-WA-06-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.14	0.89	UG/M3	0.89	U
EPD-WA-06-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-06-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.15	0.73	UG/M3	0.73	U
EPD-WA-06-100723	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.045	0.33	UG/M3	0.33	U
EPD-WA-06-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.088	0.89	UG/M3	0.89	U
EPD-WA-06-100723	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.077	0.53	UG/M3	0.53	U
EPD-WA-06-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.29	J	0.22	3.4	UG/M3	0.29	J
EPD-WA-06-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.5	J	0.37	2.2	UG/M3	0.50	J
EPD-WA-06-100723	TO-15	591-78-6	2-HEXANONE	3	U	0.58	3	UG/M3	3.0	U
EPD-WA-06-100723	TO-15	67-63-0	2-PROPANOL	7.3	U	0.18	7.3	UG/M3	7.3	U
EPD-WA-06-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-06-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.15	J	0.12	0.73	UG/M3	0.15	J
EPD-WA-06-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-WA-06-100723	TO-15	67-64-1	ACETONE	6.3	J	0.53	7	UG/M3	7.0	U
EPD-WA-06-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.22	0.77	UG/M3	0.77	U
EPD-WA-06-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.12	0.99	UG/M3	0.99	U
EPD-WA-06-100723	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-06-100723	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-06-100723	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-06-100723	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.078	0.68	UG/M3	0.68	U
EPD-WA-06-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.18	0.67	UG/M3	0.67	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-100723	TO-15	98-82-8	CUMENE	0.73	U	0.067	0.73	UG/M3	0.73	U
EPD-WA-06-100723	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.43	2.5	UG/M3	2.5	U
EPD-WA-06-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.18	1.3	UG/M3	1.3	U
EPD-WA-06-100723	TO-15	64-17-5	ETHANOL	3.5	J	0.71	5.6	UG/M3	3.5	J
EPD-WA-06-100723	TO-15	75-69-4	FREON 11	1.3		0.12	0.83	UG/M3	1.3	
EPD-WA-06-100723	TO-15	76-13-1	FREON 113	0.49	J	0.12	1.1	UG/M3	0.49	J
EPD-WA-06-100723	TO-15	142-82-5	HEPTANE	3	U	0.42	3	UG/M3	3.0	U
EPD-WA-06-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.52	7.9	UG/M3	7.9	U
EPD-WA-06-100723	TO-15	110-54-3	HEXANE	0.46	J	0.24	2.6	UG/M3	0.46	J
EPD-WA-06-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J	0.32	1	UG/M3	0.42	J
EPD-WA-06-100723	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.17	0.73	UG/M3	0.73	U
EPD-WA-06-100723	TO-15	100-42-5	STYRENE	0.63	U	0.1	0.63	UG/M3	0.63	U
EPD-WA-06-100723	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-06-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-06-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-100723	TO-15	1066-40-6	SILANOL, TRIMETHYL-	3.6	NJ			PPBV	3.6	NJ
EPD-WA-06-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-06-100723	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.086	0.2	UG/M3	0.20	U
EPD-WA-06-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-06-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-06-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.022	0.059	UG/M3	0.059	U
EPD-WA-06-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.08	0.23	UG/M3	0.23	U
EPD-WA-06-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.03	0.12	UG/M3	0.054	J
EPD-WA-06-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.063	0.18	UG/M3	0.18	U
EPD-WA-06-100723	TO-15 SIM	71-43-2	BENZENE	0.7		0.027	0.24	UG/M3	0.70	
EPD-WA-06-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.04	0.19	UG/M3	0.46	
EPD-WA-06-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.021	0.2	UG/M3	0.20	U
EPD-WA-06-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.075	J	0.021	0.14	UG/M3	0.075	J
EPD-WA-06-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87	J	0.31	1.5	UG/M3	0.87	J
EPD-WA-06-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-06-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098	J	0.012	0.13	UG/M3	0.098	J
EPD-WA-06-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.017	0.21	UG/M3	0.13	J
EPD-WA-06-100723	TO-15 SIM	75-71-8	FREON 12	2.4		0.027	0.36	UG/M3	2.4	
EPD-WA-06-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.32		0.0078	0.26	UG/M3	0.32	
EPD-WA-06-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.014	0.53	UG/M3	0.53	U
EPD-WA-06-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-100723	TO-15 SIM	95-47-6	O-XYLENE	0.12	J	0.011	0.13	UG/M3	0.12	J
EPD-WA-06-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-06-100723	TO-15 SIM	108-88-3	TOLUENE	0.69		0.014	0.28	UG/M3	0.69	
EPD-WA-06-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.013	0.59	UG/M3	0.59	U
EPD-WA-06-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-06-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.011	0.038	UG/M3	0.038	U
EPD-WA-22-100723	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1.1	5	UG/M3	5.0	U
EPD-WA-22-100723	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-WA-22-100723	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82	U	0.13	0.82	UG/M3	0.82	U
EPD-WA-22-100723	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-22-100723	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.67	U	0.13	0.67	UG/M3	0.67	U
EPD-WA-22-100723	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.041	0.3	UG/M3	0.30	U
EPD-WA-22-100723	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82	U	0.081	0.82	UG/M3	0.82	U
EPD-WA-22-100723	TO-15	123-91-1	1,4-DIOXANE	0.49	U	0.071	0.49	UG/M3	0.49	U
EPD-WA-22-100723	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.22	J	0.21	3.2	UG/M3	0.22	J
EPD-WA-22-100723	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.54	J	0.34	2	UG/M3	0.54	J
EPD-WA-22-100723	TO-15	591-78-6	2-HEXANONE	2.8	U	0.53	2.8	UG/M3	2.8	U
EPD-WA-22-100723	TO-15	67-63-0	2-PROPANOL	6.7	U	0.16	6.7	UG/M3	6.7	U
EPD-WA-22-100723	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.19	2.1	UG/M3	2.1	U
EPD-WA-22-100723	TO-15	622-96-8	4-ETHYLTOLUENE	0.13	J	0.11	0.67	UG/M3	0.13	J
EPD-WA-22-100723	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.17	0.56	UG/M3	0.56	U
EPD-WA-22-100723	TO-15	67-64-1	ACETONE	5.8	J	0.48	6.5	UG/M3	6.5	U
EPD-WA-22-100723	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-22-100723	TO-15	75-27-4	BROMODICHLOROMETHANE	0.91	U	0.11	0.91	UG/M3	0.91	U
EPD-WA-22-100723	TO-15	75-25-2	BROMOFORM	1.4	U	0.13	1.4	UG/M3	1.4	U
EPD-WA-22-100723	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-WA-22-100723	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.094	2.1	UG/M3	2.1	U
EPD-WA-22-100723	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.072	0.63	UG/M3	0.63	U
EPD-WA-22-100723	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.16	0.62	UG/M3	0.62	U
EPD-WA-22-100723	TO-15	98-82-8	CUMENE	0.67	U	0.062	0.67	UG/M3	0.67	U
EPD-WA-22-100723	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-22-100723	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-22-100723	TO-15	64-17-5	ETHANOL	3.9	J	0.65	5.1	UG/M3	3.9	J
EPD-WA-22-100723	TO-15	75-69-4	FREON 11	1.2		0.11	0.76	UG/M3	1.2	
EPD-WA-22-100723	TO-15	76-13-1	FREON 113	0.54	J	0.11	1	UG/M3	0.54	J
EPD-WA-22-100723	TO-15	142-82-5	HEPTANE	2.8	U	0.39	2.8	UG/M3	2.8	U
EPD-WA-22-100723	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2	U	0.48	7.2	UG/M3	7.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310160

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-22-100723	TO-15	110-54-3	HEXANE	0.36	J	0.22	2.4	UG/M3	0.36	J
EPD-WA-22-100723	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J	0.29	0.94	UG/M3	0.42	J
EPD-WA-22-100723	TO-15	103-65-1	PROPYLBENZENE	0.67	U	0.15	0.67	UG/M3	0.67	U
EPD-WA-22-100723	TO-15	100-42-5	STYRENE	0.58	U	0.094	0.58	UG/M3	0.58	U
EPD-WA-22-100723	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.34	2	UG/M3	2.0	U
EPD-WA-22-100723	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.13	0.62	UG/M3	0.62	U
EPD-WA-22-100723	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-22-100723	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-22-100723	TO-15	1066-40-6	SILANOL, TRIMETHYL-	1.2	NJ			PPBV	1.2	NJ
EPD-WA-22-100723	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.019	0.15	UG/M3	0.15	U
EPD-WA-22-100723	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-22-100723	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.051	0.15	UG/M3	0.15	U
EPD-WA-22-100723	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-22-100723	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.021	0.054	UG/M3	0.054	U
EPD-WA-22-100723	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.074	0.21	UG/M3	0.21	U
EPD-WA-22-100723	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.028	0.11	UG/M3	0.056	J
EPD-WA-22-100723	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.058	0.16	UG/M3	0.16	U
EPD-WA-22-100723	TO-15 SIM	71-43-2	BENZENE	0.6		0.024	0.22	UG/M3	0.60	
EPD-WA-22-100723	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.036	0.17	UG/M3	0.48	
EPD-WA-22-100723	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-22-100723	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.02	0.13	UG/M3	0.080	J
EPD-WA-22-100723	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.28	1.4	UG/M3	0.92	J
EPD-WA-22-100723	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-22-100723	TO-15 SIM	100-41-4	ETHYL BENZENE	0.076	J	0.011	0.12	UG/M3	0.076	J
EPD-WA-22-100723	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.015	0.19	UG/M3	0.13	J
EPD-WA-22-100723	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.34	UG/M3	2.5	
EPD-WA-22-100723	TO-15 SIM	179601-23-1	M,P-XYLENE	0.22	J	0.0072	0.24	UG/M3	0.24	U
EPD-WA-22-100723	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.013	0.49	UG/M3	0.49	U
EPD-WA-22-100723	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.1	0.36	UG/M3	0.36	U
EPD-WA-22-100723	TO-15 SIM	95-47-6	O-XYLENE	0.088	J	0.01	0.12	UG/M3	0.088	J
EPD-WA-22-100723	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18	U	0.1	0.18	UG/M3	0.18	U
EPD-WA-22-100723	TO-15 SIM	108-88-3	TOLUENE	0.56		0.013	0.26	UG/M3	0.56	
EPD-WA-22-100723	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.026	J	0.012	0.54	UG/M3	0.026	J
EPD-WA-22-100723	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-22-100723	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.01	0.035	UG/M3	0.035	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.	2239b		
Laboratory Report No.	2310190	**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)	10/10/2023		
Field Duplicate Pairs	EPD-WA-04-101023/EPD-WA-44-101023		
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) were not provided in the Level II laboratory report. The laboratory provided the RPDs and COC separately. No qualifications were applied.

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. The field-measured residual vacuum for EPD-WA-06-101023 was 0 ”Hg and the laboratory-measured residual vacuum for this sample was 0 ”Hg. This low residual vacuum means that the canister may have filled completely before anticipated and may not be representative of the full collection period; therefore, the analytical results should be used with caution.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (232310190-10C): Acetone and carbon disulfide were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). Acetone in samples EPD-DW-C-101023 was detected below the RL; therefore, the result was qualified as nondetect (flagged U) at the RL. The acetone results in associated samples EPD-DW-C-101023, EPD-WA-02-101023, EPD-WA-05-101023, and EPD-WA-06-101023 were greater than the RL but less than ten times the blank value; therefore, the results were qualified as estimated possibly high bias (flagged J+). All associated carbon disulfide samples were nondetect; therefore, no qualifications were necessary. TO-15 SIM (232310190-10D): Benzene, ethyl benzene, m,p-xylene and toluene were detected in the method blank at levels between the MDL and RL. Benzene results in samples EPD-DW-C-101023 and EPD-WA-06-101023 were greater than the RL but less than or equal to ten times the blank value; therefore, the results were qualified as estimated possibly high bias (flagged J+). All remaining associated benzene results were greater than ten times the blank value; therefore, no qualifications were necessary. Ethyl benzene in sample EPD-DW-C-101023 was detected below the RL; therefore, the result was qualified as nondetect (flagged U) at the RL. All remaining ethyl benzene samples were greater than ten times the blank value; therefore, no qualifications were necessary. All m,p-xylene sample results were greater than ten times the blank value; therefore, no qualifications were necessary. Toluene in sample EPD-WA-05-101023 was greater than ten times the blank value; therefore, no qualification was necessary. The toluene results for associated samples EPD-DW-C-101023, EPD-WA-02-101023, and EPD-WA-06-101023 were less than or equal to ten times the blank value; therefore, the results were qualified as estimated possibly high bias (flagged J+).

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.20 to 1.50. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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. 2310190

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	0.34	5.3	UG/M3	5.3	U
EPD-DW-C-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7	U	0.18	0.7	UG/M3	0.70	U
EPD-DW-C-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.081	0.86	UG/M3	0.86	U
EPD-DW-C-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-DW-C-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.04	0.7	UG/M3	0.70	U
EPD-DW-C-101023	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.029	0.32	UG/M3	0.32	U
EPD-DW-C-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.074	0.86	UG/M3	0.86	U
EPD-DW-C-101023	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.076	0.52	UG/M3	0.52	U
EPD-DW-C-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.13	J	0.087	3.3	UG/M3	0.13	J
EPD-DW-C-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.3	J	0.16	2.1	UG/M3	0.30	J
EPD-DW-C-101023	TO-15	591-78-6	2-HEXANONE	2.9	U	0.27	2.9	UG/M3	2.9	U
EPD-DW-C-101023	TO-15	67-63-0	2-PROPANOL	0.82	J	0.56	7	UG/M3	0.82	J
EPD-DW-C-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.28	2.2	UG/M3	2.2	U
EPD-DW-C-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.1	J	0.038	0.7	UG/M3	0.10	J
EPD-DW-C-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.079	0.58	UG/M3	0.58	U
EPD-DW-C-101023	TO-15	67-64-1	ACETONE	6.8	J	2.2	6.8	UG/M3	6.8	U
EPD-DW-C-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.091	0.74	UG/M3	0.74	U
EPD-DW-C-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.14	0.96	UG/M3	0.96	U
EPD-DW-C-101023	TO-15	75-25-2	BROMOFORM	1.5	U	0.2	1.5	UG/M3	1.5	U
EPD-DW-C-101023	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-DW-C-101023	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-DW-C-101023	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.065	0.66	UG/M3	0.66	U
EPD-DW-C-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.063	0.65	UG/M3	0.65	U
EPD-DW-C-101023	TO-15	98-82-8	CUMENE	0.7	U	0.027	0.7	UG/M3	0.70	U
EPD-DW-C-101023	TO-15	110-82-7	CYCLOHEXANE	0.088	J	0.069	2.5	UG/M3	0.088	J
EPD-DW-C-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.14	1.2	UG/M3	1.2	U
EPD-DW-C-101023	TO-15	64-17-5	ETHANOL	2.2	J	0.38	5.4	UG/M3	2.2	J
EPD-DW-C-101023	TO-15	75-69-4	FREON 11	1.2		0.12	0.8	UG/M3	1.2	
EPD-DW-C-101023	TO-15	76-13-1	FREON 113	0.46	J	0.17	1.1	UG/M3	0.46	J
EPD-DW-C-101023	TO-15	142-82-5	HEPTANE	0.17	J	0.083	2.9	UG/M3	0.17	J
EPD-DW-C-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.29	7.6	UG/M3	7.6	U
EPD-DW-C-101023	TO-15	110-54-3	HEXANE	0.29	J	0.058	2.5	UG/M3	0.29	J
EPD-DW-C-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.99	U	0.67	0.99	UG/M3	0.99	U
EPD-DW-C-101023	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.1	0.7	UG/M3	0.70	U
EPD-DW-C-101023	TO-15	100-42-5	STYRENE	0.055	J	0.044	0.61	UG/M3	0.055	J
EPD-DW-C-101023	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.58	2.1	UG/M3	2.1	U
EPD-DW-C-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.09	0.65	UG/M3	0.65	U
EPD-DW-C-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-C-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-C-101023	TO-15	75-28-5	ISOBUTANE	4	NJ			PPBV	4.0	NJ

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310190

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-101023	TO-15	7440-63-3	XENON	2.9	NJ			PPBV	2.9	NJ
EPD-DW-C-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-DW-C-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.051	0.2	UG/M3	0.20	U
EPD-DW-C-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.008	0.16	UG/M3	0.16	U
EPD-DW-C-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.0064	0.12	UG/M3	0.12	U
EPD-DW-C-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.0072	0.057	UG/M3	0.057	U
EPD-DW-C-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.022	0.22	UG/M3	0.22	U
EPD-DW-C-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.05	J	0.015	0.12	UG/M3	0.050	J
EPD-DW-C-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.054	0.17	UG/M3	0.17	U
EPD-DW-C-101023	TO-15 SIM	71-43-2	BENZENE	0.59		0.02	0.23	UG/M3	0.59	J+
EPD-DW-C-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.56		0.036	0.18	UG/M3	0.56	
EPD-DW-C-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.012	0.19	UG/M3	0.19	U
EPD-DW-C-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.0076	0.14	UG/M3	0.076	J
EPD-DW-C-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J	0.1	1.5	UG/M3	0.68	J
EPD-DW-C-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0042	0.11	UG/M3	0.11	U
EPD-DW-C-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.098	J	0.0037	0.12	UG/M3	0.12	U
EPD-DW-C-101023	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.022	0.2	UG/M3	0.10	J
EPD-DW-C-101023	TO-15 SIM	75-71-8	FREON 12	2.3		0.022	0.35	UG/M3	2.3	
EPD-DW-C-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.29		0.0084	0.25	UG/M3	0.29	
EPD-DW-C-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0029	0.52	UG/M3	0.52	U
EPD-DW-C-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.052	0.37	UG/M3	0.37	U
EPD-DW-C-101023	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.0022	0.12	UG/M3	0.11	J
EPD-DW-C-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2		0.0094	0.19	UG/M3	0.20	
EPD-DW-C-101023	TO-15 SIM	108-88-3	TOLUENE	0.82		0.013	0.27	UG/M3	0.82	J+
EPD-DW-C-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.0058	0.57	UG/M3	0.57	U
EPD-DW-C-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.01	0.15	UG/M3	0.15	U
EPD-DW-C-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0049	0.036	UG/M3	0.036	U
EPD-UW-G-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-UW-G-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.19	J	0.17	0.7	UG/M3	0.19	J
EPD-UW-G-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.14	0.86	UG/M3	0.86	U
EPD-UW-G-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-UW-G-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-UW-G-101023	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.043	0.32	UG/M3	0.32	U
EPD-UW-G-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.086	0.86	UG/M3	0.86	U
EPD-UW-G-101023	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.074	0.52	UG/M3	0.52	U
EPD-UW-G-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.49	J	0.22	3.3	UG/M3	0.49	J
EPD-UW-G-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.58	J	0.36	2.1	UG/M3	0.58	J
EPD-UW-G-101023	TO-15	591-78-6	2-HEXANONE	2.9	U	0.56	2.9	UG/M3	2.9	U
EPD-UW-G-101023	TO-15	67-63-0	2-PROPANOL	7	U	0.17	7	UG/M3	7.0	U
EPD-UW-G-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	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-UW-G-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.12	0.7	UG/M3	0.16	J
EPD-UW-G-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-UW-G-101023	TO-15	67-64-1	ACETONE	6.9		0.51	6.8	UG/M3	6.9	
EPD-UW-G-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.21	0.74	UG/M3	0.74	U
EPD-UW-G-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.12	0.96	UG/M3	0.96	U
EPD-UW-G-101023	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-UW-G-101023	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-UW-G-101023	TO-15	75-15-0	CARBON DISULFIDE	0.12	J	0.098	2.2	UG/M3	0.12	J
EPD-UW-G-101023	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.076	0.66	UG/M3	0.66	U
EPD-UW-G-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.17	0.65	UG/M3	0.65	U
EPD-UW-G-101023	TO-15	98-82-8	CUMENE	0.7	U	0.065	0.7	UG/M3	0.70	U
EPD-UW-G-101023	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-UW-G-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-UW-G-101023	TO-15	64-17-5	ETHANOL	2.6	J	0.68	5.4	UG/M3	2.6	J
EPD-UW-G-101023	TO-15	75-69-4	FREON 11	1.4		0.12	0.8	UG/M3	1.4	
EPD-UW-G-101023	TO-15	76-13-1	FREON 113	0.62	J	0.11	1.1	UG/M3	0.62	J
EPD-UW-G-101023	TO-15	142-82-5	HEPTANE	2.9	U	0.41	2.9	UG/M3	2.9	U
EPD-UW-G-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-UW-G-101023	TO-15	110-54-3	HEXANE	0.42	J	0.23	2.5	UG/M3	0.42	J
EPD-UW-G-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.4	J	0.31	0.99	UG/M3	0.40	J
EPD-UW-G-101023	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-UW-G-101023	TO-15	100-42-5	STYRENE	0.61	U	0.099	0.61	UG/M3	0.61	U
EPD-UW-G-101023	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-UW-G-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-UW-G-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-G-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-G-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-UW-G-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.083	0.2	UG/M3	0.20	U
EPD-UW-G-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-UW-G-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-UW-G-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-UW-G-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-UW-G-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.055	J	0.03	0.12	UG/M3	0.055	J
EPD-UW-G-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-UW-G-101023	TO-15 SIM	71-43-2	BENZENE	0.62		0.026	0.23	UG/M3	0.62	
EPD-UW-G-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.038	0.18	UG/M3	0.49	
EPD-UW-G-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-UW-G-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.095	J	0.02	0.14	UG/M3	0.095	J
EPD-UW-G-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.9	J	0.3	1.5	UG/M3	0.90	J
EPD-UW-G-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	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-G-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12	J	0.012	0.12	UG/M3	0.12	J
EPD-UW-G-101023	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-UW-G-101023	TO-15 SIM	75-71-8	FREON 12	2.6		0.026	0.35	UG/M3	2.6	
EPD-UW-G-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.43		0.0076	0.25	UG/M3	0.43	
EPD-UW-G-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-UW-G-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-UW-G-101023	TO-15 SIM	95-47-6	O-XYLENE	0.16		0.01	0.12	UG/M3	0.16	
EPD-UW-G-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.11	0.19	UG/M3	0.19	U
EPD-UW-G-101023	TO-15 SIM	108-88-3	TOLUENE	0.93		0.014	0.27	UG/M3	0.93	
EPD-UW-G-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-UW-G-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-UW-G-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.011	0.036	UG/M3	0.036	U
EPD-WA-01-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.2	5.6	UG/M3	5.6	U
EPD-WA-01-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.32	J	0.18	0.74	UG/M3	0.32	J
EPD-WA-01-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.14	0.9	UG/M3	0.90	U
EPD-WA-01-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-01-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.15	0.74	UG/M3	0.74	U
EPD-WA-01-101023	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.046	0.33	UG/M3	0.33	U
EPD-WA-01-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.09	0.9	UG/M3	0.90	U
EPD-WA-01-101023	TO-15	123-91-1	1,4-DIOXANE	0.084	J	0.078	0.54	UG/M3	0.084	J
EPD-WA-01-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.51	J	0.23	3.5	UG/M3	0.51	J
EPD-WA-01-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.2	U	0.38	2.2	UG/M3	2.2	U
EPD-WA-01-101023	TO-15	591-78-6	2-HEXANONE	3.1	U	0.58	3.1	UG/M3	3.1	U
EPD-WA-01-101023	TO-15	67-63-0	2-PROPANOL	7.4	U	0.18	7.4	UG/M3	7.4	U
EPD-WA-01-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.21	2.3	UG/M3	2.3	U
EPD-WA-01-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.17	J	0.12	0.74	UG/M3	0.17	J
EPD-WA-01-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-01-101023	TO-15	67-64-1	ACETONE	7.3		0.53	7.1	UG/M3	7.3	
EPD-WA-01-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.22	0.78	UG/M3	0.78	U
EPD-WA-01-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-01-101023	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-01-101023	TO-15	74-83-9	BROMOMETHANE	29	U	1.4	29	UG/M3	29	U
EPD-WA-01-101023	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.1	2.3	UG/M3	2.3	U
EPD-WA-01-101023	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.08	0.69	UG/M3	0.69	U
EPD-WA-01-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-01-101023	TO-15	98-82-8	CUMENE	0.74	U	0.068	0.74	UG/M3	0.74	U
EPD-WA-01-101023	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-01-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-01-101023	TO-15	64-17-5	ETHANOL	2.5	J	0.72	5.6	UG/M3	2.5	J
EPD-WA-01-101023	TO-15	75-69-4	FREON 11	1.4		0.13	0.84	UG/M3	1.4	

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-101023	TO-15	76-13-1	FREON 113	0.53	J	0.12	1.1	UG/M3	0.53	J
EPD-WA-01-101023	TO-15	142-82-5	HEPTANE	3.1	U	0.43	3.1	UG/M3	3.1	U
EPD-WA-01-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.52	8	UG/M3	8.0	U
EPD-WA-01-101023	TO-15	110-54-3	HEXANE	0.52	J	0.24	2.6	UG/M3	0.52	J
EPD-WA-01-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.38	J	0.32	1	UG/M3	0.38	J
EPD-WA-01-101023	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-01-101023	TO-15	100-42-5	STYRENE	0.64	U	0.1	0.64	UG/M3	0.64	U
EPD-WA-01-101023	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.37	2.2	UG/M3	2.2	U
EPD-WA-01-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-01-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-01-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.088	0.2	UG/M3	0.20	U
EPD-WA-01-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.056	0.16	UG/M3	0.16	U
EPD-WA-01-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-01-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.023	0.059	UG/M3	0.059	U
EPD-WA-01-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.081	0.23	UG/M3	0.23	U
EPD-WA-01-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.052	J	0.031	0.12	UG/M3	0.052	J
EPD-WA-01-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.064	0.18	UG/M3	0.18	U
EPD-WA-01-101023	TO-15 SIM	71-43-2	BENZENE	0.9		0.027	0.24	UG/M3	0.90	
EPD-WA-01-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.04	0.19	UG/M3	0.45	
EPD-WA-01-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-01-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.022	0.15	UG/M3	0.078	J
EPD-WA-01-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.82	J	0.31	1.5	UG/M3	0.82	J
EPD-WA-01-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-01-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.013	0.13	UG/M3	0.16	
EPD-WA-01-101023	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.017	0.21	UG/M3	0.12	J
EPD-WA-01-101023	TO-15 SIM	75-71-8	FREON 12	2.4		0.027	0.37	UG/M3	2.4	
EPD-WA-01-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.56		0.0079	0.26	UG/M3	0.56	
EPD-WA-01-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.015	0.54	UG/M3	0.54	U
EPD-WA-01-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.39	U	0.11	0.39	UG/M3	0.39	U
EPD-WA-01-101023	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.011	0.13	UG/M3	0.20	
EPD-WA-01-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-01-101023	TO-15 SIM	108-88-3	TOLUENE	1.1		0.015	0.28	UG/M3	1.1	
EPD-WA-01-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.047	J	0.014	0.59	UG/M3	0.047	J
EPD-WA-01-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-01-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.011	0.038	UG/M3	0.038	U
EPD-WA-02-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	0.32	5	UG/M3	5.0	U
EPD-WA-02-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.17	J	0.17	0.66	UG/M3	0.17	J
EPD-WA-02-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.81	U	0.077	0.81	UG/M3	0.81	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-02-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62	U	0.11	0.62	UG/M3	0.62	U
EPD-WA-02-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.059	J	0.038	0.66	UG/M3	0.059	J
EPD-WA-02-101023	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.027	0.3	UG/M3	0.30	U
EPD-WA-02-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.81	U	0.07	0.81	UG/M3	0.81	U
EPD-WA-02-101023	TO-15	123-91-1	1,4-DIOXANE	0.49	U	0.071	0.49	UG/M3	0.49	U
EPD-WA-02-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.26	J	0.082	3.2	UG/M3	0.26	J
EPD-WA-02-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.36	J	0.15	2	UG/M3	0.36	J
EPD-WA-02-101023	TO-15	591-78-6	2-HEXANONE	2.8	U	0.25	2.8	UG/M3	2.8	U
EPD-WA-02-101023	TO-15	67-63-0	2-PROPANOL	1.2	J	0.53	6.6	UG/M3	1.2	J
EPD-WA-02-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.26	2.1	UG/M3	2.1	U
EPD-WA-02-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.14	J	0.036	0.66	UG/M3	0.14	J
EPD-WA-02-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.55	U	0.075	0.55	UG/M3	0.55	U
EPD-WA-02-101023	TO-15	67-64-1	ACETONE	9.3		2.1	6.4	UG/M3	9.3	J+
EPD-WA-02-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7	U	0.086	0.7	UG/M3	0.70	U
EPD-WA-02-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.9	U	0.13	0.9	UG/M3	0.90	U
EPD-WA-02-101023	TO-15	75-25-2	BROMOFORM	1.4	U	0.18	1.4	UG/M3	1.4	U
EPD-WA-02-101023	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-WA-02-101023	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.09	2.1	UG/M3	2.1	U
EPD-WA-02-101023	TO-15	108-90-7	CHLOROBENZENE	0.62	U	0.061	0.62	UG/M3	0.62	U
EPD-WA-02-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61	U	0.059	0.61	UG/M3	0.61	U
EPD-WA-02-101023	TO-15	98-82-8	CUMENE	0.66	U	0.025	0.66	UG/M3	0.66	U
EPD-WA-02-101023	TO-15	110-82-7	CYCLOHEXANE	0.097	J	0.065	2.3	UG/M3	0.097	J
EPD-WA-02-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.13	1.2	UG/M3	1.2	U
EPD-WA-02-101023	TO-15	64-17-5	ETHANOL	2	J	0.36	5.1	UG/M3	2.0	J
EPD-WA-02-101023	TO-15	75-69-4	FREON 11	1.2		0.11	0.76	UG/M3	1.2	
EPD-WA-02-101023	TO-15	76-13-1	FREON 113	0.46	J	0.16	1	UG/M3	0.46	J
EPD-WA-02-101023	TO-15	142-82-5	HEPTANE	0.24	J	0.078	2.8	UG/M3	0.24	J
EPD-WA-02-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2	U	0.27	7.2	UG/M3	7.2	U
EPD-WA-02-101023	TO-15	110-54-3	HEXANE	0.37	J	0.055	2.4	UG/M3	0.37	J
EPD-WA-02-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.94	U	0.63	0.94	UG/M3	0.94	U
EPD-WA-02-101023	TO-15	103-65-1	PROPYLBENZENE	0.66	U	0.096	0.66	UG/M3	0.66	U
EPD-WA-02-101023	TO-15	100-42-5	STYRENE	0.058	J	0.042	0.58	UG/M3	0.058	J
EPD-WA-02-101023	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.55	2	UG/M3	2.0	U
EPD-WA-02-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.085	0.61	UG/M3	0.61	U
EPD-WA-02-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-101023	TO-15	7440-63-3	XENON	2.8	NJ			PPBV	2.8	NJ
EPD-WA-02-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-02-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.048	0.18	UG/M3	0.18	U
EPD-WA-02-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0075	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-02-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.006	0.11	UG/M3	0.11	U
EPD-WA-02-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.0068	0.054	UG/M3	0.054	U
EPD-WA-02-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.02	0.21	UG/M3	0.21	U
EPD-WA-02-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046	J	0.014	0.11	UG/M3	0.046	J
EPD-WA-02-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.051	0.16	UG/M3	0.16	U
EPD-WA-02-101023	TO-15 SIM	71-43-2	BENZENE	0.8		0.018	0.22	UG/M3	0.80	
EPD-WA-02-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.52		0.034	0.17	UG/M3	0.52	
EPD-WA-02-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.011	0.18	UG/M3	0.18	U
EPD-WA-02-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.0072	0.13	UG/M3	0.078	J
EPD-WA-02-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66	J	0.095	1.4	UG/M3	0.66	J
EPD-WA-02-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.004	0.11	UG/M3	0.11	U
EPD-WA-02-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.14		0.0035	0.12	UG/M3	0.14	
EPD-WA-02-101023	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.021	0.19	UG/M3	0.10	J
EPD-WA-02-101023	TO-15 SIM	75-71-8	FREON 12	2.2		0.021	0.33	UG/M3	2.2	
EPD-WA-02-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.45		0.008	0.23	UG/M3	0.45	
EPD-WA-02-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.0027	0.49	UG/M3	0.49	U
EPD-WA-02-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.058	J	0.05	0.35	UG/M3	0.058	J
EPD-WA-02-101023	TO-15 SIM	95-47-6	O-XYLENE	0.17		0.0021	0.12	UG/M3	0.17	
EPD-WA-02-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18	U	0.0089	0.18	UG/M3	0.18	U
EPD-WA-02-101023	TO-15 SIM	108-88-3	TOLUENE	1.1		0.012	0.25	UG/M3	1.1	J+
EPD-WA-02-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.091	J	0.0054	0.54	UG/M3	0.091	J
EPD-WA-02-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14	U	0.0095	0.14	UG/M3	0.14	U
EPD-WA-02-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034	U	0.0046	0.034	UG/M3	0.034	U
EPD-WA-03-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U	1.1	5.1	UG/M3	5.1	U
EPD-WA-03-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-03-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83	U	0.13	0.83	UG/M3	0.83	U
EPD-WA-03-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-03-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-03-101023	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.042	0.3	UG/M3	0.30	U
EPD-WA-03-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83	U	0.082	0.83	UG/M3	0.83	U
EPD-WA-03-101023	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.072	0.5	UG/M3	0.50	U
EPD-WA-03-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2	U	0.21	3.2	UG/M3	3.2	U
EPD-WA-03-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2		0.35	2	UG/M3	2.0	
EPD-WA-03-101023	TO-15	591-78-6	2-HEXANONE	2.8	U	0.54	2.8	UG/M3	2.8	U
EPD-WA-03-101023	TO-15	67-63-0	2-PROPANOL	3.5	J	0.16	6.8	UG/M3	3.5	J
EPD-WA-03-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-03-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.13	J	0.12	0.68	UG/M3	0.13	J
EPD-WA-03-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.18	J	0.17	0.56	UG/M3	0.18	J
EPD-WA-03-101023	TO-15	67-64-1	ACETONE	24		0.49	6.6	UG/M3	24	
EPD-WA-03-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.21	0.71	UG/M3	0.71	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.12	0.92	UG/M3	0.92	U
EPD-WA-03-101023	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-03-101023	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-03-101023	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.095	2.1	UG/M3	2.1	U
EPD-WA-03-101023	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.073	0.64	UG/M3	0.64	U
EPD-WA-03-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-03-101023	TO-15	98-82-8	CUMENE	0.68	U	0.063	0.68	UG/M3	0.68	U
EPD-WA-03-101023	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-WA-03-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-03-101023	TO-15	64-17-5	ETHANOL	2	J	0.66	5.2	UG/M3	2.0	J
EPD-WA-03-101023	TO-15	75-69-4	FREON 11	1.4		0.12	0.78	UG/M3	1.4	
EPD-WA-03-101023	TO-15	76-13-1	FREON 113	0.54	J	0.11	1	UG/M3	0.54	J
EPD-WA-03-101023	TO-15	142-82-5	HEPTANE	2.8	U	0.39	2.8	UG/M3	2.8	U
EPD-WA-03-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.48	7.4	UG/M3	7.4	U
EPD-WA-03-101023	TO-15	110-54-3	HEXANE	0.34	J	0.22	2.4	UG/M3	0.34	J
EPD-WA-03-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.33	J	0.3	0.96	UG/M3	0.33	J
EPD-WA-03-101023	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-03-101023	TO-15	100-42-5	STYRENE	0.59	U	0.096	0.59	UG/M3	0.59	U
EPD-WA-03-101023	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.34	2	UG/M3	2.0	U
EPD-WA-03-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-03-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-101023	TO-15	NA	UNKNOWN TIC	1.3	J			PPBV	1.3	J
EPD-WA-03-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-03-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.08	0.19	UG/M3	0.19	U
EPD-WA-03-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-WA-03-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-03-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.021	0.055	UG/M3	0.055	U
EPD-WA-03-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.075	0.21	UG/M3	0.21	U
EPD-WA-03-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.051	J	0.028	0.11	UG/M3	0.051	J
EPD-WA-03-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.059	0.16	UG/M3	0.16	U
EPD-WA-03-101023	TO-15 SIM	71-43-2	BENZENE	0.54		0.025	0.22	UG/M3	0.54	
EPD-WA-03-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.037	0.17	UG/M3	0.47	
EPD-WA-03-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.068	J	0.02	0.18	UG/M3	0.068	J
EPD-WA-03-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.02	0.13	UG/M3	0.081	J
EPD-WA-03-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.9	J	0.29	1.4	UG/M3	0.90	J
EPD-WA-03-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-03-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.075	J	0.012	0.12	UG/M3	0.075	J
EPD-WA-03-101023	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.19	UG/M3	0.12	J
EPD-WA-03-101023	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.34	UG/M3	2.5	

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EPD-WA-03-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.25		0.0073	0.24	UG/M3	0.25	
EPD-WA-03-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-03-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.1	0.36	UG/M3	0.36	U
EPD-WA-03-101023	TO-15 SIM	95-47-6	O-XYLENE	0.091	J	0.01	0.12	UG/M3	0.091	J
EPD-WA-03-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-03-101023	TO-15 SIM	108-88-3	TOLUENE	0.58		0.013	0.26	UG/M3	0.58	
EPD-WA-03-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55	U	0.012	0.55	UG/M3	0.55	U
EPD-WA-03-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-03-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.01	0.035	UG/M3	0.035	U
EPD-WA-04-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1.1	5	UG/M3	5.0	U
EPD-WA-04-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26	J	0.16	0.67	UG/M3	0.26	J
EPD-WA-04-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82	U	0.13	0.82	UG/M3	0.82	U
EPD-WA-04-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-04-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.67	U	0.13	0.67	UG/M3	0.67	U
EPD-WA-04-101023	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.041	0.3	UG/M3	0.30	U
EPD-WA-04-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82	U	0.081	0.82	UG/M3	0.82	U
EPD-WA-04-101023	TO-15	123-91-1	1,4-DIOXANE	0.49	U	0.071	0.49	UG/M3	0.49	U
EPD-WA-04-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.37	J	0.21	3.2	UG/M3	0.37	J
EPD-WA-04-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2	U	0.34	2	UG/M3	2.0	U
EPD-WA-04-101023	TO-15	591-78-6	2-HEXANONE	2.8	U	0.53	2.8	UG/M3	2.8	U
EPD-WA-04-101023	TO-15	67-63-0	2-PROPANOL	6.9		0.16	6.7	UG/M3	6.9	
EPD-WA-04-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.19	2.1	UG/M3	2.1	U
EPD-WA-04-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.18	J	0.11	0.67	UG/M3	0.18	J
EPD-WA-04-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.17	0.56	UG/M3	0.56	U
EPD-WA-04-101023	TO-15	67-64-1	ACETONE	8.5		0.48	6.5	UG/M3	8.5	
EPD-WA-04-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7	U	0.2	0.7	UG/M3	0.70	U
EPD-WA-04-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.91	U	0.11	0.91	UG/M3	0.91	U
EPD-WA-04-101023	TO-15	75-25-2	BROMOFORM	1.4	U	0.13	1.4	UG/M3	1.4	U
EPD-WA-04-101023	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-WA-04-101023	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.094	2.1	UG/M3	2.1	U
EPD-WA-04-101023	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.072	0.63	UG/M3	0.63	U
EPD-WA-04-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.16	0.62	UG/M3	0.62	U
EPD-WA-04-101023	TO-15	98-82-8	CUMENE	0.67	U	0.062	0.67	UG/M3	0.67	U
EPD-WA-04-101023	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-04-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-04-101023	TO-15	64-17-5	ETHANOL	4.2	J	0.65	5.1	UG/M3	4.2	J
EPD-WA-04-101023	TO-15	75-69-4	FREON 11	1.4		0.11	0.76	UG/M3	1.4	
EPD-WA-04-101023	TO-15	76-13-1	FREON 113	0.63	J	0.11	1	UG/M3	0.63	J
EPD-WA-04-101023	TO-15	142-82-5	HEPTANE	2.8	U	0.39	2.8	UG/M3	2.8	U
EPD-WA-04-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2	U	0.48	7.2	UG/M3	7.2	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-101023	TO-15	110-54-3	HEXANE	0.43	J	0.22	2.4	UG/M3	0.43	J
EPD-WA-04-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.31	J	0.29	0.94	UG/M3	0.31	J
EPD-WA-04-101023	TO-15	103-65-1	PROPYLBENZENE	0.67	U	0.15	0.67	UG/M3	0.67	U
EPD-WA-04-101023	TO-15	100-42-5	STYRENE	0.58	U	0.094	0.58	UG/M3	0.58	U
EPD-WA-04-101023	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.34	2	UG/M3	2.0	U
EPD-WA-04-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.13	0.62	UG/M3	0.62	U
EPD-WA-04-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-101023	TO-15	NA	UNKNOWN TIC	0.94	J			PPBV	0.94	J
EPD-WA-04-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.019	0.15	UG/M3	0.15	U
EPD-WA-04-101023	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-04-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.051	0.15	UG/M3	0.15	U
EPD-WA-04-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-04-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.021	0.054	UG/M3	0.054	U
EPD-WA-04-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.074	0.21	UG/M3	0.21	U
EPD-WA-04-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.05	J	0.028	0.11	UG/M3	0.050	J
EPD-WA-04-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.058	0.16	UG/M3	0.16	U
EPD-WA-04-101023	TO-15 SIM	71-43-2	BENZENE	0.77		0.024	0.22	UG/M3	0.77	
EPD-WA-04-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.036	0.17	UG/M3	0.47	
EPD-WA-04-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-04-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.02	0.13	UG/M3	0.074	J
EPD-WA-04-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.83	J	0.28	1.4	UG/M3	0.83	J
EPD-WA-04-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-04-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12		0.011	0.12	UG/M3	0.12	
EPD-WA-04-101023	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.015	0.19	UG/M3	0.12	J
EPD-WA-04-101023	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.34	UG/M3	2.5	
EPD-WA-04-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.37		0.0072	0.24	UG/M3	0.37	
EPD-WA-04-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.013	0.49	UG/M3	0.49	U
EPD-WA-04-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.1	0.36	UG/M3	0.36	U
EPD-WA-04-101023	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.01	0.12	UG/M3	0.14	
EPD-WA-04-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.12	J	0.1	0.18	UG/M3	0.12	J
EPD-WA-04-101023	TO-15 SIM	108-88-3	TOLUENE	0.79		0.013	0.26	UG/M3	0.79	
EPD-WA-04-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	3		0.012	0.54	UG/M3	3.0	
EPD-WA-04-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-04-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.01	0.035	UG/M3	0.035	U
EPD-WA-05-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	0.31	5	UG/M3	5.0	U
EPD-WA-05-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.27	J	0.16	0.66	UG/M3	0.27	J
EPD-WA-05-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.8	U	0.076	0.8	UG/M3	0.80	U
EPD-WA-05-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62	U	0.11	0.62	UG/M3	0.62	U
EPD-WA-05-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.089	J	0.038	0.66	UG/M3	0.089	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-101023	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.027	0.3	UG/M3	0.30	U
EPD-WA-05-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.8	U	0.069	0.8	UG/M3	0.80	U
EPD-WA-05-101023	TO-15	123-91-1	1,4-DIOXANE	0.48	U	0.071	0.48	UG/M3	0.48	U
EPD-WA-05-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.38	J	0.082	3.1	UG/M3	0.38	J
EPD-WA-05-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.33	J	0.15	2	UG/M3	0.33	J
EPD-WA-05-101023	TO-15	591-78-6	2-HEXANONE	2.7	U	0.25	2.7	UG/M3	2.7	U
EPD-WA-05-101023	TO-15	67-63-0	2-PROPANOL	0.76	J	0.52	6.6	UG/M3	0.76	J
EPD-WA-05-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.26	2.1	UG/M3	2.1	U
EPD-WA-05-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.24	J	0.036	0.66	UG/M3	0.24	J
EPD-WA-05-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.13	J	0.074	0.55	UG/M3	0.13	J
EPD-WA-05-101023	TO-15	67-64-1	ACETONE	10		2.1	6.4	UG/M3	10	J+
EPD-WA-05-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69	U	0.086	0.69	UG/M3	0.69	U
EPD-WA-05-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.9	U	0.13	0.9	UG/M3	0.90	U
EPD-WA-05-101023	TO-15	75-25-2	BROMOFORM	1.4	U	0.18	1.4	UG/M3	1.4	U
EPD-WA-05-101023	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-WA-05-101023	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.09	2.1	UG/M3	2.1	U
EPD-WA-05-101023	TO-15	108-90-7	CHLOROBENZENE	0.62	U	0.061	0.62	UG/M3	0.62	U
EPD-WA-05-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61	U	0.059	0.61	UG/M3	0.61	U
EPD-WA-05-101023	TO-15	98-82-8	CUMENE	0.03	J	0.025	0.66	UG/M3	0.030	J
EPD-WA-05-101023	TO-15	110-82-7	CYCLOHEXANE	0.071	J	0.064	2.3	UG/M3	0.071	J
EPD-WA-05-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.13	1.1	UG/M3	1.1	U
EPD-WA-05-101023	TO-15	64-17-5	ETHANOL	2.6	J	0.36	5	UG/M3	2.6	J
EPD-WA-05-101023	TO-15	75-69-4	FREON 11	1.2		0.11	0.75	UG/M3	1.2	
EPD-WA-05-101023	TO-15	76-13-1	FREON 113	0.41	J	0.16	1	UG/M3	0.41	J
EPD-WA-05-101023	TO-15	142-82-5	HEPTANE	0.3	J	0.078	2.7	UG/M3	0.30	J
EPD-WA-05-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1	U	0.27	7.1	UG/M3	7.1	U
EPD-WA-05-101023	TO-15	110-54-3	HEXANE	0.55	J	0.055	2.4	UG/M3	0.55	J
EPD-WA-05-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.93	U	0.63	0.93	UG/M3	0.93	U
EPD-WA-05-101023	TO-15	103-65-1	PROPYLBENZENE	0.66	U	0.096	0.66	UG/M3	0.66	U
EPD-WA-05-101023	TO-15	100-42-5	STYRENE	0.049	J	0.041	0.57	UG/M3	0.049	J
EPD-WA-05-101023	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.55	2	UG/M3	2.0	U
EPD-WA-05-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.085	0.61	UG/M3	0.61	U
EPD-WA-05-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-101023	TO-15	7440-63-3	XENON	3.2	NJ			PPBV	3.2	NJ
EPD-WA-05-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-05-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.048	0.18	UG/M3	0.18	U
EPD-WA-05-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0074	0.15	UG/M3	0.15	U
EPD-WA-05-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.006	0.11	UG/M3	0.11	U
EPD-WA-05-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053	U	0.0067	0.053	UG/M3	0.053	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2	U	0.02	0.2	UG/M3	0.20	U
EPD-WA-05-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.046	J	0.014	0.11	UG/M3	0.046	J
EPD-WA-05-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.051	0.16	UG/M3	0.16	U
EPD-WA-05-101023	TO-15 SIM	71-43-2	BENZENE	0.79		0.018	0.21	UG/M3	0.79	
EPD-WA-05-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.52		0.034	0.17	UG/M3	0.52	
EPD-WA-05-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.011	0.18	UG/M3	0.18	U
EPD-WA-05-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.0071	0.13	UG/M3	0.076	J
EPD-WA-05-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.64	J	0.094	1.4	UG/M3	0.64	J
EPD-WA-05-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.004	0.11	UG/M3	0.11	U
EPD-WA-05-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.63		0.0035	0.12	UG/M3	0.63	
EPD-WA-05-101023	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.021	0.19	UG/M3	0.096	J
EPD-WA-05-101023	TO-15 SIM	75-71-8	FREON 12	2.1		0.021	0.33	UG/M3	2.1	
EPD-WA-05-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	2.7		0.0079	0.23	UG/M3	2.7	
EPD-WA-05-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	0.0027	0.48	UG/M3	0.48	U
EPD-WA-05-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.1	J	0.049	0.35	UG/M3	0.10	J
EPD-WA-05-101023	TO-15 SIM	95-47-6	O-XYLENE	0.94		0.0021	0.12	UG/M3	0.94	
EPD-WA-05-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.089	J	0.0088	0.18	UG/M3	0.089	J
EPD-WA-05-101023	TO-15 SIM	108-88-3	TOLUENE	3		0.012	0.25	UG/M3	3.0	
EPD-WA-05-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.14	J	0.0054	0.53	UG/M3	0.14	J
EPD-WA-05-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.028	J	0.0094	0.14	UG/M3	0.028	J
EPD-WA-05-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034	U	0.0046	0.034	UG/M3	0.034	U
EPD-WA-06-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.4	U	0.28	4.4	UG/M3	4.4	U
EPD-WA-06-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.17	J	0.15	0.59	UG/M3	0.17	J
EPD-WA-06-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.72	U	0.068	0.72	UG/M3	0.72	U
EPD-WA-06-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.55	U	0.096	0.55	UG/M3	0.55	U
EPD-WA-06-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.062	J	0.034	0.59	UG/M3	0.062	J
EPD-WA-06-101023	TO-15	106-99-0	1,3-BUTADIENE	0.26	U	0.024	0.26	UG/M3	0.26	U
EPD-WA-06-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.72	U	0.062	0.72	UG/M3	0.72	U
EPD-WA-06-101023	TO-15	123-91-1	1,4-DIOXANE	0.26	J	0.064	0.43	UG/M3	0.26	J
EPD-WA-06-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.31	J	0.073	2.8	UG/M3	0.31	J
EPD-WA-06-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.28	J	0.13	1.8	UG/M3	0.28	J
EPD-WA-06-101023	TO-15	591-78-6	2-HEXANONE	2.4	U	0.22	2.4	UG/M3	2.4	U
EPD-WA-06-101023	TO-15	67-63-0	2-PROPANOL	0.6	J	0.47	5.9	UG/M3	0.60	J
EPD-WA-06-101023	TO-15	107-05-1	3-CHLOROPROPENE	1.9	U	0.23	1.9	UG/M3	1.9	U
EPD-WA-06-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.032	0.59	UG/M3	0.16	J
EPD-WA-06-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.49	U	0.066	0.49	UG/M3	0.49	U
EPD-WA-06-101023	TO-15	67-64-1	ACETONE	6.7		1.8	5.7	UG/M3	6.7	J+
EPD-WA-06-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.62	U	0.077	0.62	UG/M3	0.62	U
EPD-WA-06-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.8	U	0.11	0.8	UG/M3	0.80	U
EPD-WA-06-101023	TO-15	75-25-2	BROMOFORM	1.2	U	0.16	1.2	UG/M3	1.2	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310190

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-101023	TO-15	74-83-9	BROMOMETHANE	23	U	1.2	23	UG/M3	23	U
EPD-WA-06-101023	TO-15	75-15-0	CARBON DISULFIDE	1.9	U	0.08	1.9	UG/M3	1.9	U
EPD-WA-06-101023	TO-15	108-90-7	CHLOROBENZENE	0.55	U	0.054	0.55	UG/M3	0.55	U
EPD-WA-06-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.54	U	0.053	0.54	UG/M3	0.54	U
EPD-WA-06-101023	TO-15	98-82-8	CUMENE	0.025	J	0.022	0.59	UG/M3	0.025	J
EPD-WA-06-101023	TO-15	110-82-7	CYCLOHEXANE	0.11	J	0.058	2.1	UG/M3	0.11	J
EPD-WA-06-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1	U	0.12	1	UG/M3	1.0	U
EPD-WA-06-101023	TO-15	64-17-5	ETHANOL	2.2	J	0.32	4.5	UG/M3	2.2	J
EPD-WA-06-101023	TO-15	75-69-4	FREON 11	1		0.098	0.67	UG/M3	1.0	
EPD-WA-06-101023	TO-15	76-13-1	FREON 113	0.42	J	0.14	0.92	UG/M3	0.42	J
EPD-WA-06-101023	TO-15	142-82-5	HEPTANE	0.24	J	0.07	2.4	UG/M3	0.24	J
EPD-WA-06-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	6.4	U	0.24	6.4	UG/M3	6.4	U
EPD-WA-06-101023	TO-15	110-54-3	HEXANE	0.37	J	0.049	2.1	UG/M3	0.37	J
EPD-WA-06-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.83	U	0.56	0.83	UG/M3	0.83	U
EPD-WA-06-101023	TO-15	103-65-1	PROPYLBENZENE	0.59	U	0.086	0.59	UG/M3	0.59	U
EPD-WA-06-101023	TO-15	100-42-5	STYRENE	0.042	J	0.037	0.51	UG/M3	0.042	J
EPD-WA-06-101023	TO-15	109-99-9	TETRAHYDROFURAN	1.8	U	0.49	1.8	UG/M3	1.8	U
EPD-WA-06-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.54	U	0.076	0.54	UG/M3	0.54	U
EPD-WA-06-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-101023	TO-15	7440-63-3	XENON	2.9	NJ			PPBV	2.9	NJ
EPD-WA-06-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.13	U	0.011	0.13	UG/M3	0.13	U
EPD-WA-06-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.16	U	0.043	0.16	UG/M3	0.16	U
EPD-WA-06-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.13	U	0.0067	0.13	UG/M3	0.13	U
EPD-WA-06-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.097	U	0.0053	0.097	UG/M3	0.097	U
EPD-WA-06-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.048	U	0.006	0.048	UG/M3	0.048	U
EPD-WA-06-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.18	U	0.018	0.18	UG/M3	0.18	U
EPD-WA-06-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049	J	0.013	0.097	UG/M3	0.049	J
EPD-WA-06-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.14	U	0.045	0.14	UG/M3	0.14	U
EPD-WA-06-101023	TO-15 SIM	71-43-2	BENZENE	0.69		0.016	0.19	UG/M3	0.69	J+
EPD-WA-06-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.5		0.03	0.15	UG/M3	0.50	
EPD-WA-06-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.16	U	0.0098	0.16	UG/M3	0.16	U
EPD-WA-06-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.075	J	0.0064	0.12	UG/M3	0.075	J
EPD-WA-06-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.62	J	0.084	1.2	UG/M3	0.62	J
EPD-WA-06-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.095	U	0.0036	0.095	UG/M3	0.095	U
EPD-WA-06-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.0031	0.1	UG/M3	0.15	
EPD-WA-06-101023	TO-15 SIM	76-14-2	FREON 114	0.091	J	0.019	0.17	UG/M3	0.091	J
EPD-WA-06-101023	TO-15 SIM	75-71-8	FREON 12	2		0.018	0.3	UG/M3	2.0	
EPD-WA-06-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.5		0.0071	0.21	UG/M3	0.50	
EPD-WA-06-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.43	U	0.0024	0.43	UG/M3	0.43	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-06-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.089	J	0.044	0.31	UG/M3	0.089	J
EPD-WA-06-101023	TO-15 SIM	95-47-6	O-XYLENE	0.19		0.0019	0.1	UG/M3	0.19	
EPD-WA-06-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.037	J	0.0079	0.16	UG/M3	0.037	J
EPD-WA-06-101023	TO-15 SIM	108-88-3	TOLUENE	1.1		0.011	0.23	UG/M3	1.1	J+
EPD-WA-06-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.48	U	0.0048	0.48	UG/M3	0.48	U
EPD-WA-06-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.13	U	0.0084	0.13	UG/M3	0.13	U
EPD-WA-06-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.031	U	0.0041	0.031	UG/M3	0.031	U
EPD-WA-44-101023	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-WA-44-101023	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.25	J	0.17	0.7	UG/M3	0.25	J
EPD-WA-44-101023	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.14	0.86	UG/M3	0.86	U
EPD-WA-44-101023	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-WA-44-101023	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-44-101023	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.043	0.32	UG/M3	0.32	U
EPD-WA-44-101023	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.086	0.86	UG/M3	0.86	U
EPD-WA-44-101023	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.074	0.52	UG/M3	0.52	U
EPD-WA-44-101023	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.32	J	0.22	3.3	UG/M3	0.32	J
EPD-WA-44-101023	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-44-101023	TO-15	591-78-6	2-HEXANONE	2.9	U	0.56	2.9	UG/M3	2.9	U
EPD-WA-44-101023	TO-15	67-63-0	2-PROPANOL	6.7	J	0.17	7	UG/M3	6.7	J
EPD-WA-44-101023	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-44-101023	TO-15	622-96-8	4-ETHYLTOLUENE	0.21	J	0.12	0.7	UG/M3	0.21	J
EPD-WA-44-101023	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-44-101023	TO-15	67-64-1	ACETONE	4	J	0.51	6.8	UG/M3	4.0	J
EPD-WA-44-101023	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.21	0.74	UG/M3	0.74	U
EPD-WA-44-101023	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.12	0.96	UG/M3	0.96	U
EPD-WA-44-101023	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-44-101023	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-44-101023	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.098	2.2	UG/M3	2.2	U
EPD-WA-44-101023	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.076	0.66	UG/M3	0.66	U
EPD-WA-44-101023	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.17	0.65	UG/M3	0.65	U
EPD-WA-44-101023	TO-15	98-82-8	CUMENE	0.7	U	0.065	0.7	UG/M3	0.70	U
EPD-WA-44-101023	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-WA-44-101023	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-44-101023	TO-15	64-17-5	ETHANOL	4.8	J	0.68	5.4	UG/M3	4.8	J
EPD-WA-44-101023	TO-15	75-69-4	FREON 11	1.4		0.12	0.8	UG/M3	1.4	
EPD-WA-44-101023	TO-15	76-13-1	FREON 113	0.58	J	0.11	1.1	UG/M3	0.58	J
EPD-WA-44-101023	TO-15	142-82-5	HEPTANE	2.9	U	0.41	2.9	UG/M3	2.9	U
EPD-WA-44-101023	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-WA-44-101023	TO-15	110-54-3	HEXANE	0.45	J	0.23	2.5	UG/M3	0.45	J
EPD-WA-44-101023	TO-15	75-09-2	METHYLENE CHLORIDE	0.33	J	0.31	0.99	UG/M3	0.33	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310190

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-44-101023	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-WA-44-101023	TO-15	100-42-5	STYRENE	0.61	U	0.099	0.61	UG/M3	0.61	U
EPD-WA-44-101023	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-44-101023	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-44-101023	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-44-101023	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-44-101023	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-WA-44-101023	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.083	0.2	UG/M3	0.20	U
EPD-WA-44-101023	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-WA-44-101023	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-WA-44-101023	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-44-101023	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-WA-44-101023	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.051	J	0.03	0.12	UG/M3	0.051	J
EPD-WA-44-101023	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-WA-44-101023	TO-15 SIM	71-43-2	BENZENE	0.78		0.026	0.23	UG/M3	0.78	
EPD-WA-44-101023	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.038	0.18	UG/M3	0.48	
EPD-WA-44-101023	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-44-101023	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.02	0.14	UG/M3	0.081	J
EPD-WA-44-101023	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87	J	0.3	1.5	UG/M3	0.87	J
EPD-WA-44-101023	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-44-101023	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12	J	0.012	0.12	UG/M3	0.12	J
EPD-WA-44-101023	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-WA-44-101023	TO-15 SIM	75-71-8	FREON 12	2.6		0.026	0.35	UG/M3	2.6	
EPD-WA-44-101023	TO-15 SIM	179601-23-1	M,P-XYLENE	0.38		0.0076	0.25	UG/M3	0.38	
EPD-WA-44-101023	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-44-101023	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-WA-44-101023	TO-15 SIM	95-47-6	O-XYLENE	0.14		0.01	0.12	UG/M3	0.14	
EPD-WA-44-101023	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.11	J	0.11	0.19	UG/M3	0.11	J
EPD-WA-44-101023	TO-15 SIM	108-88-3	TOLUENE	0.79		0.014	0.27	UG/M3	0.79	
EPD-WA-44-101023	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.095	J	0.013	0.57	UG/M3	0.095	J
EPD-WA-44-101023	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-44-101023	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.011	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.	2239c		
Laboratory Report No.	2310225	**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)	10/11/2023		
Field Duplicate Pairs	EPD-WA-03-101123/EPD-WA-33-101123		
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) were not provided in the Level II laboratory report. The laboratory provided the RPDs and COC separately. No qualifications were applied.

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. The laboratory reported the receiving narrative that states “The Chain of Custody (COC) information for sample EPD-UW-F-101123 did not match the information on the canister with regard to canister barcode. The sample labeled 6L3541 on the COC is labeled as 6L3514 on the canister. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.” No qualifications were applied.

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2310225-10A): Carbon disulfide was detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). All carbon disulfide sample results were nondetect; therefore, no qualifications were necessary. TO-15 SIM (2310225-10B): 1,4-Dichlorobenzene was detected in the method blank at levels between the MDL and RL. 1,4-Dichlorbenzene results in sample EPD-WA-04-101123 was detected below the RL; therefore, qualified as nondetect (flagged U) at the RL. All remaining 1,4-dichlorobenzene samples were nondetect; therefore, no qualifications were necessary.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

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 1.34 to 1.55. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-DW-B-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.7	U	0.17	0.7	UG/M3	0.70	U
EPD-DW-B-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-DW-B-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-DW-B-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-DW-B-101123	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U
EPD-DW-B-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.085	0.85	UG/M3	0.85	U
EPD-DW-B-101123	TO-15	123-91-1	1,4-DIOXANE	0.11	J	0.074	0.51	UG/M3	0.11	J
EPD-DW-B-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.22	3.3	UG/M3	3.3	U
EPD-DW-B-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.72	J	0.36	2.1	UG/M3	0.72	J
EPD-DW-B-101123	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-DW-B-101123	TO-15	67-63-0	2-PROPANOL	5.1	J	0.17	7	UG/M3	5.1	J
EPD-DW-B-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-DW-B-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.7	U	0.12	0.7	UG/M3	0.70	U
EPD-DW-B-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-DW-B-101123	TO-15	67-64-1	ACETONE	20		0.5	6.7	UG/M3	20	
EPD-DW-B-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.21	0.74	UG/M3	0.74	U
EPD-DW-B-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.12	0.95	UG/M3	0.95	U
EPD-DW-B-101123	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-DW-B-101123	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-DW-B-101123	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.098	2.2	UG/M3	2.2	U
EPD-DW-B-101123	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.075	0.65	UG/M3	0.65	U
EPD-DW-B-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-DW-B-101123	TO-15	98-82-8	CUMENE	0.7	U	0.064	0.7	UG/M3	0.70	U
EPD-DW-B-101123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-DW-B-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-DW-B-101123	TO-15	64-17-5	ETHANOL	2	J	0.68	5.4	UG/M3	2.0	J
EPD-DW-B-101123	TO-15	75-69-4	FREON 11	1.4		0.12	0.8	UG/M3	1.4	
EPD-DW-B-101123	TO-15	76-13-1	FREON 113	0.54	J	0.11	1.1	UG/M3	0.54	J
EPD-DW-B-101123	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-DW-B-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-DW-B-101123	TO-15	110-54-3	HEXANE	0.3	J	0.23	2.5	UG/M3	0.30	J
EPD-DW-B-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.35	J	0.31	0.99	UG/M3	0.35	J
EPD-DW-B-101123	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-DW-B-101123	TO-15	100-42-5	STYRENE	0.6	U	0.098	0.6	UG/M3	0.60	U
EPD-DW-B-101123	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-DW-B-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-B-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-B-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-DW-B-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.083	0.19	UG/M3	0.19	U
EPD-DW-B-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-DW-B-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-DW-B-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.022	0.056	UG/M3	0.056	U
EPD-DW-B-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-DW-B-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.051	J	0.029	0.11	UG/M3	0.051	J
EPD-DW-B-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-DW-B-101123	TO-15 SIM	71-43-2	BENZENE	0.41		0.026	0.23	UG/M3	0.41	
EPD-DW-B-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.038	0.18	UG/M3	0.48	
EPD-DW-B-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.046	J	0.02	0.19	UG/M3	0.046	J
EPD-DW-B-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.084	J	0.02	0.14	UG/M3	0.084	J
EPD-DW-B-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.89	J	0.3	1.5	UG/M3	0.89	J
EPD-DW-B-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-DW-B-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.058	J	0.012	0.12	UG/M3	0.058	J
EPD-DW-B-101123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-DW-B-101123	TO-15 SIM	75-71-8	FREON 12	2.6		0.026	0.35	UG/M3	2.6	
EPD-DW-B-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.19	J	0.0075	0.25	UG/M3	0.19	J
EPD-DW-B-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-DW-B-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-DW-B-101123	TO-15 SIM	95-47-6	O-XYLENE	0.072	J	0.01	0.12	UG/M3	0.072	J
EPD-DW-B-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-DW-B-101123	TO-15 SIM	108-88-3	TOLUENE	0.45		0.014	0.27	UG/M3	0.45	
EPD-DW-B-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-DW-B-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-DW-B-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-UW-F-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U	1.1	5.1	UG/M3	5.1	U
EPD-UW-F-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.3	J	0.16	0.67	UG/M3	0.30	J
EPD-UW-F-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82	U	0.13	0.82	UG/M3	0.82	U
EPD-UW-F-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-UW-F-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-UW-F-101123	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.042	0.3	UG/M3	0.30	U
EPD-UW-F-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82	U	0.082	0.82	UG/M3	0.82	U
EPD-UW-F-101123	TO-15	123-91-1	1,4-DIOXANE	0.49	U	0.071	0.49	UG/M3	0.49	U
EPD-UW-F-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.32	J	0.21	3.2	UG/M3	0.32	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.6	J	0.34	2	UG/M3	0.60	J
EPD-UW-F-101123	TO-15	591-78-6	2-HEXANONE	2.8	U	0.53	2.8	UG/M3	2.8	U
EPD-UW-F-101123	TO-15	67-63-0	2-PROPANOL	1.8	J	0.16	6.7	UG/M3	1.8	J
EPD-UW-F-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.19	2.1	UG/M3	2.1	U
EPD-UW-F-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.24	J	0.11	0.67	UG/M3	0.24	J
EPD-UW-F-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.17	0.56	UG/M3	0.56	U
EPD-UW-F-101123	TO-15	67-64-1	ACETONE	11		0.49	6.5	UG/M3	11	
EPD-UW-F-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.2	0.71	UG/M3	0.71	U
EPD-UW-F-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.12	0.92	UG/M3	0.92	U
EPD-UW-F-101123	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-UW-F-101123	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-UW-F-101123	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.094	2.1	UG/M3	2.1	U
EPD-UW-F-101123	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.073	0.63	UG/M3	0.63	U
EPD-UW-F-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.17	0.62	UG/M3	0.62	U
EPD-UW-F-101123	TO-15	98-82-8	CUMENE	0.67	U	0.062	0.67	UG/M3	0.67	U
EPD-UW-F-101123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-UW-F-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-UW-F-101123	TO-15	64-17-5	ETHANOL	6.9		0.66	5.2	UG/M3	6.9	
EPD-UW-F-101123	TO-15	75-69-4	FREON 11	1.4		0.12	0.77	UG/M3	1.4	
EPD-UW-F-101123	TO-15	76-13-1	FREON 113	0.57	J	0.11	1	UG/M3	0.57	J
EPD-UW-F-101123	TO-15	142-82-5	HEPTANE	2.8	U	0.39	2.8	UG/M3	2.8	U
EPD-UW-F-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.3	U	0.48	7.3	UG/M3	7.3	U
EPD-UW-F-101123	TO-15	110-54-3	HEXANE	0.69	J	0.22	2.4	UG/M3	0.69	J
EPD-UW-F-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.47	J	0.3	0.95	UG/M3	0.47	J
EPD-UW-F-101123	TO-15	103-65-1	PROPYLBENZENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-UW-F-101123	TO-15	100-42-5	STYRENE	0.58	U	0.095	0.58	UG/M3	0.58	U
EPD-UW-F-101123	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.34	2	UG/M3	2.0	U
EPD-UW-F-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.13	0.62	UG/M3	0.62	U
EPD-UW-F-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-F-101123	TO-15	106-97-8	BUTANE	0.72	NJ			PPBV	0.72	NJ
EPD-UW-F-101123	TO-15	78-78-4	BUTANE, 2-METHYL-	0.86	NJ			PPBV	0.86	NJ
EPD-UW-F-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-F-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-UW-F-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.08	0.19	UG/M3	0.19	U
EPD-UW-F-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-UW-F-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-UW-F-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.021	0.054	UG/M3	0.054	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.074	0.21	UG/M3	0.21	U
EPD-UW-F-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.055	J	0.028	0.11	UG/M3	0.055	J
EPD-UW-F-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.058	0.16	UG/M3	0.16	U
EPD-UW-F-101123	TO-15 SIM	71-43-2	BENZENE	0.87		0.025	0.22	UG/M3	0.87	
EPD-UW-F-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.037	0.17	UG/M3	0.47	
EPD-UW-F-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-UW-F-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.02	0.13	UG/M3	0.080	J
EPD-UW-F-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.88	J	0.28	1.4	UG/M3	0.88	J
EPD-UW-F-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-UW-F-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.012	0.12	UG/M3	0.17	
EPD-UW-F-101123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.19	UG/M3	0.13	J
EPD-UW-F-101123	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.34	UG/M3	2.5	
EPD-UW-F-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.65		0.0072	0.24	UG/M3	0.65	
EPD-UW-F-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.013	0.49	UG/M3	0.49	U
EPD-UW-F-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.1	0.36	UG/M3	0.13	J
EPD-UW-F-101123	TO-15 SIM	95-47-6	O-XYLENE	0.23		0.01	0.12	UG/M3	0.23	
EPD-UW-F-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18	U	0.1	0.18	UG/M3	0.18	U
EPD-UW-F-101123	TO-15 SIM	108-88-3	TOLUENE	1.2		0.013	0.26	UG/M3	1.2	
EPD-UW-F-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.09	J	0.012	0.54	UG/M3	0.090	J
EPD-UW-F-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-UW-F-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.01	0.035	UG/M3	0.035	U
EPD-WA-01-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-01-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.17	J	0.16	0.69	UG/M3	0.17	J
EPD-WA-01-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-01-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-01-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-01-101123	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.042	0.31	UG/M3	0.31	U
EPD-WA-01-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.084	0.84	UG/M3	0.84	U
EPD-WA-01-101123	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.073	0.5	UG/M3	0.50	U
EPD-WA-01-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.3	J	0.21	3.3	UG/M3	0.30	J
EPD-WA-01-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-01-101123	TO-15	591-78-6	2-HEXANONE	2.9	U	0.54	2.9	UG/M3	2.9	U
EPD-WA-01-101123	TO-15	67-63-0	2-PROPANOL	6.9	U	0.17	6.9	UG/M3	6.9	U
EPD-WA-01-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-01-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.14	J	0.12	0.69	UG/M3	0.14	J
EPD-WA-01-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.18	0.57	UG/M3	0.57	U
EPD-WA-01-101123	TO-15	67-64-1	ACETONE	4.4	J	0.5	6.6	UG/M3	4.4	J

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U
EPD-WA-01-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-01-101123	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-01-101123	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-01-101123	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-01-101123	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-01-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-01-101123	TO-15	98-82-8	CUMENE	0.69	U	0.064	0.69	UG/M3	0.69	U
EPD-WA-01-101123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-WA-01-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-01-101123	TO-15	64-17-5	ETHANOL	3.5	J	0.67	5.3	UG/M3	3.5	J
EPD-WA-01-101123	TO-15	75-69-4	FREON 11	1.4		0.12	0.79	UG/M3	1.4	
EPD-WA-01-101123	TO-15	76-13-1	FREON 113	0.62	J	0.11	1.1	UG/M3	0.62	J
EPD-WA-01-101123	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-01-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.49	7.5	UG/M3	7.5	U
EPD-WA-01-101123	TO-15	110-54-3	HEXANE	0.42	J	0.22	2.5	UG/M3	0.42	J
EPD-WA-01-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.34	J	0.3	0.97	UG/M3	0.34	J
EPD-WA-01-101123	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.16	0.69	UG/M3	0.69	U
EPD-WA-01-101123	TO-15	100-42-5	STYRENE	0.6	U	0.097	0.6	UG/M3	0.60	U
EPD-WA-01-101123	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-01-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-01-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.082	0.19	UG/M3	0.19	U
EPD-WA-01-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-WA-01-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-01-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.021	0.056	UG/M3	0.056	U
EPD-WA-01-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.076	0.22	UG/M3	0.22	U
EPD-WA-01-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.029	0.11	UG/M3	0.056	J
EPD-WA-01-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-WA-01-101123	TO-15 SIM	71-43-2	BENZENE	0.52		0.025	0.22	UG/M3	0.52	
EPD-WA-01-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.037	0.18	UG/M3	0.46	
EPD-WA-01-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-01-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.02	0.14	UG/M3	0.076	J
EPD-WA-01-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.86	J	0.29	1.4	UG/M3	0.86	J
EPD-WA-01-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.086	J	0.012	0.12	UG/M3	0.086	J
EPD-WA-01-101123	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-01-101123	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.35	UG/M3	2.5	
EPD-WA-01-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.29		0.0074	0.24	UG/M3	0.29	
EPD-WA-01-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-01-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-WA-01-101123	TO-15 SIM	95-47-6	O-XYLENE	0.11	J	0.01	0.12	UG/M3	0.11	J
EPD-WA-01-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-01-101123	TO-15 SIM	108-88-3	TOLUENE	0.7		0.014	0.26	UG/M3	0.70	
EPD-WA-01-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-WA-01-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-02-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.8	U	1.3	5.8	UG/M3	5.8	U
EPD-WA-02-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26	J	0.18	0.76	UG/M3	0.26	J
EPD-WA-02-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.93	U	0.15	0.93	UG/M3	0.93	U
EPD-WA-02-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.72	U	0.15	0.72	UG/M3	0.72	U
EPD-WA-02-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.76	U	0.15	0.76	UG/M3	0.76	U
EPD-WA-02-101123	TO-15	106-99-0	1,3-BUTADIENE	0.34	U	0.047	0.34	UG/M3	0.34	U
EPD-WA-02-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.93	U	0.093	0.93	UG/M3	0.93	U
EPD-WA-02-101123	TO-15	123-91-1	1,4-DIOXANE	0.11	J	0.081	0.56	UG/M3	0.11	J
EPD-WA-02-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.38	J	0.24	3.6	UG/M3	0.38	J
EPD-WA-02-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.53	J	0.39	2.3	UG/M3	0.53	J
EPD-WA-02-101123	TO-15	591-78-6	2-HEXANONE	3.2	U	0.6	3.2	UG/M3	3.2	U
EPD-WA-02-101123	TO-15	67-63-0	2-PROPANOL	7.6	U	0.18	7.6	UG/M3	7.6	U
EPD-WA-02-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.21	2.4	UG/M3	2.4	U
EPD-WA-02-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.19	J	0.13	0.76	UG/M3	0.19	J
EPD-WA-02-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.63	U	0.19	0.63	UG/M3	0.63	U
EPD-WA-02-101123	TO-15	67-64-1	ACETONE	5.8	J	0.55	7.4	UG/M3	5.8	J
EPD-WA-02-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.8	U	0.23	0.8	UG/M3	0.80	U
EPD-WA-02-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.13	1	UG/M3	1.0	U
EPD-WA-02-101123	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-02-101123	TO-15	74-83-9	BROMOMETHANE	30	U	1.4	30	UG/M3	30	U
EPD-WA-02-101123	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-02-101123	TO-15	108-90-7	CHLOROBENZENE	0.71	U	0.082	0.71	UG/M3	0.71	U
EPD-WA-02-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.7	U	0.19	0.7	UG/M3	0.70	U
EPD-WA-02-101123	TO-15	98-82-8	CUMENE	0.76	U	0.07	0.76	UG/M3	0.76	U
EPD-WA-02-101123	TO-15	110-82-7	CYCLOHEXANE	2.7	U	0.45	2.7	UG/M3	2.7	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.19	1.3	UG/M3	1.3	U
EPD-WA-02-101123	TO-15	64-17-5	ETHANOL	3.6	J	0.74	5.8	UG/M3	3.6	J
EPD-WA-02-101123	TO-15	75-69-4	FREON 11	1.4		0.13	0.87	UG/M3	1.4	
EPD-WA-02-101123	TO-15	76-13-1	FREON 113	0.57	J	0.12	1.2	UG/M3	0.57	J
EPD-WA-02-101123	TO-15	142-82-5	HEPTANE	3.2	U	0.44	3.2	UG/M3	3.2	U
EPD-WA-02-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.3	U	0.54	8.3	UG/M3	8.3	U
EPD-WA-02-101123	TO-15	110-54-3	HEXANE	0.46	J	0.25	2.7	UG/M3	0.46	J
EPD-WA-02-101123	TO-15	75-09-2	METHYLENE CHLORIDE	1.1	U	0.34	1.1	UG/M3	1.1	U
EPD-WA-02-101123	TO-15	103-65-1	PROPYLBENZENE	0.76	U	0.18	0.76	UG/M3	0.76	U
EPD-WA-02-101123	TO-15	100-42-5	STYRENE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-02-101123	TO-15	109-99-9	TETRAHYDROFURAN	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-02-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-WA-02-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-101123	TO-15	556-67-2	CYCLOTETRASILOXANE, OCTAMETHYL-	1.5	NJ			PPBV	1.5	NJ
EPD-WA-02-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.17	U	0.022	0.17	UG/M3	0.17	U
EPD-WA-02-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.09	0.21	UG/M3	0.21	U
EPD-WA-02-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.17	U	0.058	0.17	UG/M3	0.17	U
EPD-WA-02-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.018	0.12	UG/M3	0.12	U
EPD-WA-02-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.061	U	0.024	0.061	UG/M3	0.061	U
EPD-WA-02-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.24	U	0.084	0.24	UG/M3	0.24	U
EPD-WA-02-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.053	J	0.032	0.12	UG/M3	0.053	J
EPD-WA-02-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.19	U	0.066	0.19	UG/M3	0.19	U
EPD-WA-02-101123	TO-15 SIM	71-43-2	BENZENE	0.63		0.028	0.25	UG/M3	0.63	
EPD-WA-02-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.041	0.2	UG/M3	0.46	
EPD-WA-02-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.022	0.2	UG/M3	0.20	U
EPD-WA-02-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.022	0.15	UG/M3	0.081	J
EPD-WA-02-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.84	J	0.32	1.6	UG/M3	0.84	J
EPD-WA-02-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-02-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.12	J	0.013	0.13	UG/M3	0.12	J
EPD-WA-02-101123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.018	0.22	UG/M3	0.13	J
EPD-WA-02-101123	TO-15 SIM	75-71-8	FREON 12	2.5		0.028	0.38	UG/M3	2.5	
EPD-WA-02-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.39		0.0082	0.27	UG/M3	0.39	
EPD-WA-02-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.56	U	0.015	0.56	UG/M3	0.56	U
EPD-WA-02-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.41	U	0.12	0.41	UG/M3	0.41	U
EPD-WA-02-101123	TO-15 SIM	95-47-6	O-XYLENE	0.15		0.011	0.13	UG/M3	0.15	
EPD-WA-02-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.21	U	0.12	0.21	UG/M3	0.21	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-101123	TO-15 SIM	108-88-3	TOLUENE	0.84		0.015	0.29	UG/M3	0.84	
EPD-WA-02-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.61	U	0.014	0.61	UG/M3	0.61	U
EPD-WA-02-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.17	U	0.023	0.17	UG/M3	0.17	U
EPD-WA-02-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.04	U	0.011	0.04	UG/M3	0.040	U
EPD-WA-03-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1.1	5	UG/M3	5.0	U
EPD-WA-03-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-WA-03-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.8	U	0.13	0.8	UG/M3	0.80	U
EPD-WA-03-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62	U	0.13	0.62	UG/M3	0.62	U
EPD-WA-03-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-WA-03-101123	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.041	0.3	UG/M3	0.30	U
EPD-WA-03-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.8	U	0.08	0.8	UG/M3	0.80	U
EPD-WA-03-101123	TO-15	123-91-1	1,4-DIOXANE	0.48	U	0.07	0.48	UG/M3	0.48	U
EPD-WA-03-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.26	J	0.2	3.1	UG/M3	0.26	J
EPD-WA-03-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.37	J	0.34	2	UG/M3	0.37	J
EPD-WA-03-101123	TO-15	591-78-6	2-HEXANONE	2.7	U	0.52	2.7	UG/M3	2.7	U
EPD-WA-03-101123	TO-15	67-63-0	2-PROPANOL	6.6	U	0.16	6.6	UG/M3	6.6	U
EPD-WA-03-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.18	2.1	UG/M3	2.1	U
EPD-WA-03-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.12	J	0.11	0.66	UG/M3	0.12	J
EPD-WA-03-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.55	U	0.17	0.55	UG/M3	0.55	U
EPD-WA-03-101123	TO-15	67-64-1	ACETONE	5.8	J	0.48	6.4	UG/M3	5.8	J
EPD-WA-03-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69	U	0.2	0.69	UG/M3	0.69	U
EPD-WA-03-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.9	U	0.11	0.9	UG/M3	0.90	U
EPD-WA-03-101123	TO-15	75-25-2	BROMOFORM	1.4	U	0.13	1.4	UG/M3	1.4	U
EPD-WA-03-101123	TO-15	74-83-9	BROMOMETHANE	26	U	1.2	26	UG/M3	26	U
EPD-WA-03-101123	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.092	2.1	UG/M3	2.1	U
EPD-WA-03-101123	TO-15	108-90-7	CHLOROBENZENE	0.62	U	0.071	0.62	UG/M3	0.62	U
EPD-WA-03-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61	U	0.16	0.61	UG/M3	0.61	U
EPD-WA-03-101123	TO-15	98-82-8	CUMENE	0.66	U	0.061	0.66	UG/M3	0.66	U
EPD-WA-03-101123	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.39	2.3	UG/M3	2.3	U
EPD-WA-03-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.17	1.1	UG/M3	1.1	U
EPD-WA-03-101123	TO-15	64-17-5	ETHANOL	3.8	J	0.64	5	UG/M3	3.8	J
EPD-WA-03-101123	TO-15	75-69-4	FREON 11	1.5		0.11	0.75	UG/M3	1.5	
EPD-WA-03-101123	TO-15	76-13-1	FREON 113	0.61	J	0.1	1	UG/M3	0.61	J
EPD-WA-03-101123	TO-15	142-82-5	HEPTANE	2.7	U	0.38	2.7	UG/M3	2.7	U
EPD-WA-03-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1	U	0.47	7.1	UG/M3	7.1	U
EPD-WA-03-101123	TO-15	110-54-3	HEXANE	0.49	J	0.21	2.4	UG/M3	0.49	J
EPD-WA-03-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.38	J	0.29	0.93	UG/M3	0.38	J

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-101123	TO-15	103-65-1	PROPYLBENZENE	0.66	U	0.15	0.66	UG/M3	0.66	U
EPD-WA-03-101123	TO-15	100-42-5	STYRENE	0.57	U	0.093	0.57	UG/M3	0.57	U
EPD-WA-03-101123	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.33	2	UG/M3	2.0	U
EPD-WA-03-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.12	0.61	UG/M3	0.61	U
EPD-WA-03-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.019	0.15	UG/M3	0.15	U
EPD-WA-03-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.078	0.18	UG/M3	0.18	U
EPD-WA-03-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.05	0.15	UG/M3	0.15	U
EPD-WA-03-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.015	0.11	UG/M3	0.11	U
EPD-WA-03-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053	U	0.02	0.053	UG/M3	0.053	U
EPD-WA-03-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2	U	0.072	0.2	UG/M3	0.20	U
EPD-WA-03-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.055	J	0.028	0.11	UG/M3	0.055	J
EPD-WA-03-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.057	0.16	UG/M3	0.16	U
EPD-WA-03-101123	TO-15 SIM	71-43-2	BENZENE	0.46		0.024	0.21	UG/M3	0.46	
EPD-WA-03-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.036	0.17	UG/M3	0.47	
EPD-WA-03-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.019	0.18	UG/M3	0.18	U
EPD-WA-03-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.084	J	0.019	0.13	UG/M3	0.084	J
EPD-WA-03-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.89	J	0.28	1.4	UG/M3	0.89	J
EPD-WA-03-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0098	0.11	UG/M3	0.11	U
EPD-WA-03-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.073	J	0.011	0.12	UG/M3	0.073	J
EPD-WA-03-101123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.015	0.19	UG/M3	0.13	J
EPD-WA-03-101123	TO-15 SIM	75-71-8	FREON 12	2.6		0.024	0.33	UG/M3	2.6	
EPD-WA-03-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24		0.0071	0.23	UG/M3	0.24	
EPD-WA-03-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	0.013	0.48	UG/M3	0.48	U
EPD-WA-03-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.35	U	0.1	0.35	UG/M3	0.35	U
EPD-WA-03-101123	TO-15 SIM	95-47-6	O-XYLENE	0.09	J	0.0099	0.12	UG/M3	0.090	J
EPD-WA-03-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.18	U	0.1	0.18	UG/M3	0.18	U
EPD-WA-03-101123	TO-15 SIM	108-88-3	TOLUENE	0.6		0.013	0.25	UG/M3	0.60	
EPD-WA-03-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.53	U	0.012	0.53	UG/M3	0.53	U
EPD-WA-03-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14	U	0.02	0.14	UG/M3	0.14	U
EPD-WA-03-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034	U	0.0099	0.034	UG/M3	0.034	U
EPD-WA-04-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-04-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.32	J	0.16	0.69	UG/M3	0.32	J
EPD-WA-04-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-04-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-04-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	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-04-101123	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.042	0.31	UG/M3	0.31	U
EPD-WA-04-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.084	0.84	UG/M3	0.84	U
EPD-WA-04-101123	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.073	0.5	UG/M3	0.50	U
EPD-WA-04-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.48	J	0.21	3.3	UG/M3	0.48	J
EPD-WA-04-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42	J	0.35	2.1	UG/M3	0.42	J
EPD-WA-04-101123	TO-15	591-78-6	2-HEXANONE	2.9	U	0.54	2.9	UG/M3	2.9	U
EPD-WA-04-101123	TO-15	67-63-0	2-PROPANOL	6.9	U	0.17	6.9	UG/M3	6.9	U
EPD-WA-04-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-04-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.14	J	0.12	0.69	UG/M3	0.14	J
EPD-WA-04-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.18	0.57	UG/M3	0.57	U
EPD-WA-04-101123	TO-15	67-64-1	ACETONE	8.1		0.5	6.6	UG/M3	8.1	
EPD-WA-04-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U
EPD-WA-04-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-04-101123	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-04-101123	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-04-101123	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-04-101123	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-04-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-04-101123	TO-15	98-82-8	CUMENE	0.69	U	0.064	0.69	UG/M3	0.69	U
EPD-WA-04-101123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-WA-04-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-04-101123	TO-15	64-17-5	ETHANOL	3.7	J	0.67	5.3	UG/M3	3.7	J
EPD-WA-04-101123	TO-15	75-69-4	FREON 11	1.3		0.12	0.79	UG/M3	1.3	
EPD-WA-04-101123	TO-15	76-13-1	FREON 113	0.54	J	0.11	1.1	UG/M3	0.54	J
EPD-WA-04-101123	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-04-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.49	7.5	UG/M3	7.5	U
EPD-WA-04-101123	TO-15	110-54-3	HEXANE	0.57	J	0.22	2.5	UG/M3	0.57	J
EPD-WA-04-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.41	J	0.3	0.97	UG/M3	0.41	J
EPD-WA-04-101123	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.16	0.69	UG/M3	0.69	U
EPD-WA-04-101123	TO-15	100-42-5	STYRENE	0.6	U	0.097	0.6	UG/M3	0.60	U
EPD-WA-04-101123	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-04-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-04-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-04-101123	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-04-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	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-04-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-04-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.021	0.056	UG/M3	0.056	U
EPD-WA-04-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.076	0.22	UG/M3	0.22	U
EPD-WA-04-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.057	J	0.029	0.11	UG/M3	0.057	J
EPD-WA-04-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.068	J	0.06	0.17	UG/M3	0.17	U
EPD-WA-04-101123	TO-15 SIM	71-43-2	BENZENE	0.88		0.025	0.22	UG/M3	0.88	
EPD-WA-04-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.037	0.18	UG/M3	0.45	
EPD-WA-04-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-04-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.02	0.14	UG/M3	0.078	J
EPD-WA-04-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.84	J	0.29	1.4	UG/M3	0.84	J
EPD-WA-04-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-04-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.012	0.12	UG/M3	0.17	
EPD-WA-04-101123	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-04-101123	TO-15 SIM	75-71-8	FREON 12	2.4		0.025	0.35	UG/M3	2.4	
EPD-WA-04-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.58		0.0074	0.24	UG/M3	0.58	
EPD-WA-04-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-04-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.37	U	0.11	0.37	UG/M3	0.37	U
EPD-WA-04-101123	TO-15 SIM	95-47-6	O-XYLENE	0.22		0.01	0.12	UG/M3	0.22	
EPD-WA-04-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-04-101123	TO-15 SIM	108-88-3	TOLUENE	1.1		0.014	0.26	UG/M3	1.1	
EPD-WA-04-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.19	J	0.013	0.56	UG/M3	0.19	J
EPD-WA-04-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-04-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-05-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-WA-05-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.43	J	0.17	0.71	UG/M3	0.43	J
EPD-WA-05-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.14	0.86	UG/M3	0.86	U
EPD-WA-05-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-WA-05-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.17	J	0.14	0.71	UG/M3	0.17	J
EPD-WA-05-101123	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-WA-05-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.086	0.86	UG/M3	0.86	U
EPD-WA-05-101123	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.075	0.52	UG/M3	0.52	U
EPD-WA-05-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.53	J	0.22	3.4	UG/M3	0.53	J
EPD-WA-05-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-05-101123	TO-15	591-78-6	2-HEXANONE	2.9	U	0.56	2.9	UG/M3	2.9	U
EPD-WA-05-101123	TO-15	67-63-0	2-PROPANOL	7.1	U	0.17	7.1	UG/M3	7.1	U
EPD-WA-05-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-WA-05-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.2	J	0.12	0.71	UG/M3	0.20	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-WA-05-101123	TO-15	67-64-1	ACETONE	4.7	J	0.51	6.8	UG/M3	4.7	J
EPD-WA-05-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.22	0.74	UG/M3	0.74	U
EPD-WA-05-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.12	0.96	UG/M3	0.96	U
EPD-WA-05-101123	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-05-101123	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-05-101123	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.099	2.2	UG/M3	2.2	U
EPD-WA-05-101123	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.076	0.66	UG/M3	0.66	U
EPD-WA-05-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-05-101123	TO-15	98-82-8	CUMENE	0.71	U	0.065	0.71	UG/M3	0.71	U
EPD-WA-05-101123	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-WA-05-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-05-101123	TO-15	64-17-5	ETHANOL	5.8		0.69	5.4	UG/M3	5.8	
EPD-WA-05-101123	TO-15	75-69-4	FREON 11	1.4		0.12	0.81	UG/M3	1.4	
EPD-WA-05-101123	TO-15	76-13-1	FREON 113	0.54	J	0.11	1.1	UG/M3	0.54	J
EPD-WA-05-101123	TO-15	142-82-5	HEPTANE	0.43	J	0.41	3	UG/M3	0.43	J
EPD-WA-05-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.5	7.7	UG/M3	7.7	U
EPD-WA-05-101123	TO-15	110-54-3	HEXANE	0.73	J	0.23	2.5	UG/M3	0.73	J
EPD-WA-05-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.66	J	0.31	1	UG/M3	0.66	J
EPD-WA-05-101123	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-WA-05-101123	TO-15	100-42-5	STYRENE	0.61	U	0.1	0.61	UG/M3	0.61	U
EPD-WA-05-101123	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-05-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-05-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-101123	TO-15	78-78-4	BUTANE, 2-METHYL-	0.88	NJ			PPBV	0.88	NJ
EPD-WA-05-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-101123	TO-15	556-67-2	CYCLOTETRASILOXANE, OCTAMETHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-05-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.02	0.16	UG/M3	0.16	U
EPD-WA-05-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.084	0.2	UG/M3	0.20	U
EPD-WA-05-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-WA-05-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.016	0.12	UG/M3	0.12	U
EPD-WA-05-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-05-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.078	0.22	UG/M3	0.22	U
EPD-WA-05-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.058	J	0.03	0.12	UG/M3	0.058	J
EPD-WA-05-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.061	0.17	UG/M3	0.17	U
EPD-WA-05-101123	TO-15 SIM	71-43-2	BENZENE	0.69		0.026	0.23	UG/M3	0.69	
EPD-WA-05-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.038	0.18	UG/M3	0.47	

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-05-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-05-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.021	0.14	UG/M3	0.10	J
EPD-WA-05-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87	J	0.3	1.5	UG/M3	0.87	J
EPD-WA-05-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-05-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.26		0.012	0.12	UG/M3	0.26	
EPD-WA-05-101123	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-05-101123	TO-15 SIM	75-71-8	FREON 12	2.6		0.026	0.36	UG/M3	2.6	
EPD-WA-05-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	1		0.0076	0.25	UG/M3	1.0	
EPD-WA-05-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-05-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.38	U	0.11	0.38	UG/M3	0.38	U
EPD-WA-05-101123	TO-15 SIM	95-47-6	O-XYLENE	0.37		0.011	0.12	UG/M3	0.37	
EPD-WA-05-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-05-101123	TO-15 SIM	108-88-3	TOLUENE	2		0.014	0.27	UG/M3	2.0	
EPD-WA-05-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.013	0.57	UG/M3	0.57	U
EPD-WA-05-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-05-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.011	0.037	UG/M3	0.037	U
EPD-WA-06-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U	1.1	5.1	UG/M3	5.1	U
EPD-WA-06-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.26	J	0.16	0.68	UG/M3	0.26	J
EPD-WA-06-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83	U	0.13	0.83	UG/M3	0.83	U
EPD-WA-06-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-06-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-06-101123	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.042	0.3	UG/M3	0.30	U
EPD-WA-06-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83	U	0.082	0.83	UG/M3	0.83	U
EPD-WA-06-101123	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.072	0.5	UG/M3	0.50	U
EPD-WA-06-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.31	J	0.21	3.2	UG/M3	0.31	J
EPD-WA-06-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	2	U	0.35	2	UG/M3	2.0	U
EPD-WA-06-101123	TO-15	591-78-6	2-HEXANONE	2.8	U	0.54	2.8	UG/M3	2.8	U
EPD-WA-06-101123	TO-15	67-63-0	2-PROPANOL	6.8	U	0.16	6.8	UG/M3	6.8	U
EPD-WA-06-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-06-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.18	J	0.12	0.68	UG/M3	0.18	J
EPD-WA-06-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.17	0.56	UG/M3	0.56	U
EPD-WA-06-101123	TO-15	67-64-1	ACETONE	5.5	J	0.49	6.6	UG/M3	5.5	J
EPD-WA-06-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.21	0.71	UG/M3	0.71	U
EPD-WA-06-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.12	0.92	UG/M3	0.92	U
EPD-WA-06-101123	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-06-101123	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-06-101123	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.095	2.1	UG/M3	2.1	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-101123	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.073	0.64	UG/M3	0.64	U
EPD-WA-06-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-06-101123	TO-15	98-82-8	CUMENE	0.68	U	0.063	0.68	UG/M3	0.68	U
EPD-WA-06-101123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-WA-06-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-06-101123	TO-15	64-17-5	ETHANOL	3.3	J	0.66	5.2	UG/M3	3.3	J
EPD-WA-06-101123	TO-15	75-69-4	FREON 11	1.4		0.12	0.78	UG/M3	1.4	
EPD-WA-06-101123	TO-15	76-13-1	FREON 113	0.54	J	0.11	1	UG/M3	0.54	J
EPD-WA-06-101123	TO-15	142-82-5	HEPTANE	2.8	U	0.39	2.8	UG/M3	2.8	U
EPD-WA-06-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.48	7.4	UG/M3	7.4	U
EPD-WA-06-101123	TO-15	110-54-3	HEXANE	0.46	J	0.22	2.4	UG/M3	0.46	J
EPD-WA-06-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J	0.3	0.96	UG/M3	0.42	J
EPD-WA-06-101123	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-06-101123	TO-15	100-42-5	STYRENE	0.59	U	0.096	0.59	UG/M3	0.59	U
EPD-WA-06-101123	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.34	2	UG/M3	2.0	U
EPD-WA-06-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-06-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-101123	TO-15	66-25-1	HEXANAL	2.4	NJ			PPBV	2.4	NJ
EPD-WA-06-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-06-101123	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.08	0.19	UG/M3	0.19	U
EPD-WA-06-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-WA-06-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-06-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.021	0.055	UG/M3	0.055	U
EPD-WA-06-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.075	0.21	UG/M3	0.21	U
EPD-WA-06-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.052	J	0.028	0.11	UG/M3	0.052	J
EPD-WA-06-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.059	0.16	UG/M3	0.16	U
EPD-WA-06-101123	TO-15 SIM	71-43-2	BENZENE	0.53		0.025	0.22	UG/M3	0.53	
EPD-WA-06-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.44		0.037	0.17	UG/M3	0.44	
EPD-WA-06-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-06-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.084	J	0.02	0.13	UG/M3	0.084	J
EPD-WA-06-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.8	J	0.29	1.4	UG/M3	0.80	J
EPD-WA-06-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-06-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.1	J	0.012	0.12	UG/M3	0.10	J
EPD-WA-06-101123	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.19	UG/M3	0.12	J
EPD-WA-06-101123	TO-15 SIM	75-71-8	FREON 12	2.4		0.025	0.34	UG/M3	2.4	
EPD-WA-06-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.35		0.0073	0.24	UG/M3	0.35	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-06-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.1	0.36	UG/M3	0.13	J
EPD-WA-06-101123	TO-15 SIM	95-47-6	O-XYLENE	0.13		0.01	0.12	UG/M3	0.13	
EPD-WA-06-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-06-101123	TO-15 SIM	108-88-3	TOLUENE	0.74		0.013	0.26	UG/M3	0.74	
EPD-WA-06-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.043	J	0.012	0.55	UG/M3	0.043	J
EPD-WA-06-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.065	J	0.02	0.15	UG/M3	0.065	J
EPD-WA-06-101123	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.01	0.035	UG/M3	0.035	U
EPD-WA-33-101123	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-33-101123	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-33-101123	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-33-101123	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-33-101123	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-33-101123	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.042	0.31	UG/M3	0.31	U
EPD-WA-33-101123	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.083	0.84	UG/M3	0.84	U
EPD-WA-33-101123	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.072	0.5	UG/M3	0.50	U
EPD-WA-33-101123	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.24	J	0.21	3.2	UG/M3	0.24	J
EPD-WA-33-101123	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.47	J	0.35	2	UG/M3	0.47	J
EPD-WA-33-101123	TO-15	591-78-6	2-HEXANONE	2.8	U	0.54	2.8	UG/M3	2.8	U
EPD-WA-33-101123	TO-15	67-63-0	2-PROPANOL	6.8	U	0.16	6.8	UG/M3	6.8	U
EPD-WA-33-101123	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-33-101123	TO-15	622-96-8	4-ETHYLTOLUENE	0.13	J	0.12	0.68	UG/M3	0.13	J
EPD-WA-33-101123	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.17	0.57	UG/M3	0.57	U
EPD-WA-33-101123	TO-15	67-64-1	ACETONE	6.9		0.49	6.6	UG/M3	6.9	
EPD-WA-33-101123	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U
EPD-WA-33-101123	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93	U	0.12	0.93	UG/M3	0.93	U
EPD-WA-33-101123	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-33-101123	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-33-101123	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-33-101123	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-33-101123	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-33-101123	TO-15	98-82-8	CUMENE	0.68	U	0.063	0.68	UG/M3	0.68	U
EPD-WA-33-101123	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-WA-33-101123	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-33-101123	TO-15	64-17-5	ETHANOL	3.6	J	0.66	5.2	UG/M3	3.6	J
EPD-WA-33-101123	TO-15	75-69-4	FREON 11	1.5		0.12	0.78	UG/M3	1.5	
EPD-WA-33-101123	TO-15	76-13-1	FREON 113	0.53	J	0.11	1.1	UG/M3	0.53	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310225

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-101123	TO-15	142-82-5	HEPTANE	0.42	J	0.4	2.8	UG/M3	0.42	J
EPD-WA-33-101123	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.49	7.4	UG/M3	7.4	U
EPD-WA-33-101123	TO-15	110-54-3	HEXANE	0.59	J	0.22	2.4	UG/M3	0.59	J
EPD-WA-33-101123	TO-15	75-09-2	METHYLENE CHLORIDE	0.38	J	0.3	0.96	UG/M3	0.38	J
EPD-WA-33-101123	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-33-101123	TO-15	100-42-5	STYRENE	0.59	U	0.096	0.59	UG/M3	0.59	U
EPD-WA-33-101123	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.35	2	UG/M3	2.0	U
EPD-WA-33-101123	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-33-101123	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-33-101123	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-33-101123	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-33-101123	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-33-101123	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-WA-33-101123	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-33-101123	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.021	0.055	UG/M3	0.055	U
EPD-WA-33-101123	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.075	0.21	UG/M3	0.21	U
EPD-WA-33-101123	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.029	0.11	UG/M3	0.054	J
EPD-WA-33-101123	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-33-101123	TO-15 SIM	71-43-2	BENZENE	0.46		0.025	0.22	UG/M3	0.46	
EPD-WA-33-101123	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.037	0.17	UG/M3	0.48	
EPD-WA-33-101123	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-33-101123	TO-15 SIM	67-66-3	CHLOROFORM	0.086	J	0.02	0.14	UG/M3	0.086	J
EPD-WA-33-101123	TO-15 SIM	74-87-3	CHLOROMETHANE	0.89	J	0.29	1.4	UG/M3	0.89	J
EPD-WA-33-101123	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-33-101123	TO-15 SIM	100-41-4	ETHYL BENZENE	0.076	J	0.012	0.12	UG/M3	0.076	J
EPD-WA-33-101123	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.19	UG/M3	0.13	J
EPD-WA-33-101123	TO-15 SIM	75-71-8	FREON 12	2.6		0.025	0.34	UG/M3	2.6	
EPD-WA-33-101123	TO-15 SIM	179601-23-1	M,P-XYLENE	0.24	J	0.0074	0.24	UG/M3	0.24	J
EPD-WA-33-101123	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-33-101123	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.1	0.36	UG/M3	0.36	U
EPD-WA-33-101123	TO-15 SIM	95-47-6	O-XYLENE	0.09	J	0.01	0.12	UG/M3	0.090	J
EPD-WA-33-101123	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-33-101123	TO-15 SIM	108-88-3	TOLUENE	0.58		0.014	0.26	UG/M3	0.58	
EPD-WA-33-101123	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55	U	0.013	0.55	UG/M3	0.55	U
EPD-WA-33-101123	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-33-101123	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.	2239d		
Laboratory Report No.	2310275	**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	Eight air samples including one field duplicate pair		
Collection Date(s)	10/12/2023		
Field Duplicate Pairs	EPD-WA-01-101223/EPD-WA-11-101223		
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) were not provided in the Level II laboratory report. The laboratory provided the RPDs and COC separately. No qualifications were applied.

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2310275-09A): Carbon disulfide was detected in the method blank at a level between the method detection limit (MDL) and reporting limit (RL). Carbon disulfide in sample EPD-WA-01-101223 was detected below the RL; therefore, the result was qualified as nondetect (flagged U) at the RL. All remaining associated carbon disulfide samples were nondetect; therefore, no qualifications were necessary. TO-15 SIM (2310275-09B): 1,4-Dichlorobenzene was detected in the method blank at a level between the MDL and RL. 1,4-Dichlorobenzene in sample EPD-WA-01-101223 was greater than the RL but less than ten times the blank value; therefore, the result was qualified as estimated, possibly high bias (flagged J+). All remaining associated 1,4-dichlorobenzene samples were nondetect; therefore, no qualifications were necessary. TO-15 scan (2310275-09C): 1,2,4-Trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 4-ethyltoluene, alpha-chlorotoluene, carbon disulfide and methylene chloride were detected in the method blank at levels between the MDL and RL. All associated 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, alpha-chlorotoluene and carbon disulfide samples were nondetect; therefore, no qualifications were necessary. The results for 4-ethyltoluene in associated samples EPD-DW-B-101223, EPD-WA-03-101223, EPD-WA-05-101223, and EPD-WA-11-101223 were detected below the RL; therefore, the results were qualified as nondetect (flagged U) at the RL. Methylene chloride in sample EPD-WA-05-101223 was detected below the RL; therefore, the result was qualified as nondetect (flagged U) at the RL. All remaining associated methylene chloride samples were nondetect; therefore, no qualifications were necessary.

	TO-15 SIM (2310275-09D): 1,1,2,2-Tetrachloroethane, 1,1,2-trichloroethane, 1,2-dibromoethane, 1,4-dichlorobenzene, benzene, ethyl benzene, m,p-xylene, naphthalene, o-xylene, tetrachloroethene and toluene were detected in the method blank at levels between the MDL and RL. All associated 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,2-dibromoethane and 1,4-dichlorobenzene samples were nondetect; and all associated benzene, ethyl benzene, m,p-xylene, o-xylene and toluene sample results were greater than ten times the blank value; therefore, no qualifications were necessary. The results naphthalene and tetrachloroethene in associated samples EPD-DW-B-101223, EPD-WA-03-101223, EPD-WA-05-101223, and EPD-WA-11-101223 were detected below the RL; therefore, the results were qualified as nondetect (flagged U) at the RL.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factors ranged from 1.34 to 1.45. While no qualifications were applied, the data user should be aware of increased reporting limits for sample dilutions.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

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

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	0.32	5	UG/M3	5.0	U
EPD-DW-B-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.21	J	0.17	0.67	UG/M3	0.21	J
EPD-DW-B-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.82	U	0.077	0.82	UG/M3	0.82	U
EPD-DW-B-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.63	U	0.11	0.63	UG/M3	0.63	U
EPD-DW-B-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.068	J	0.038	0.67	UG/M3	0.068	J
EPD-DW-B-101223	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.027	0.3	UG/M3	0.30	U
EPD-DW-B-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.82	U	0.07	0.82	UG/M3	0.82	U
EPD-DW-B-101223	TO-15	123-91-1	1,4-DIOXANE	0.1	J	0.072	0.49	UG/M3	0.10	J
EPD-DW-B-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2	U	0.083	3.2	UG/M3	3.2	U
EPD-DW-B-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.67	J	0.15	2	UG/M3	0.67	J
EPD-DW-B-101223	TO-15	591-78-6	2-HEXANONE	2.8	U	0.26	2.8	UG/M3	2.8	U
EPD-DW-B-101223	TO-15	67-63-0	2-PROPANOL	6.7	U	0.53	6.7	UG/M3	6.7	U
EPD-DW-B-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.26	2.1	UG/M3	2.1	U
EPD-DW-B-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.036	0.67	UG/M3	0.67	U
EPD-DW-B-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.075	0.56	UG/M3	0.56	U
EPD-DW-B-101223	TO-15	67-64-1	ACETONE	4.7	J	2.1	6.5	UG/M3	4.7	J
EPD-DW-B-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.7	U	0.087	0.7	UG/M3	0.70	U
EPD-DW-B-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.91	U	0.13	0.91	UG/M3	0.91	U
EPD-DW-B-101223	TO-15	75-25-2	BROMOFORM	1.4	U	0.19	1.4	UG/M3	1.4	U
EPD-DW-B-101223	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-DW-B-101223	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.091	2.1	UG/M3	2.1	U
EPD-DW-B-101223	TO-15	108-90-7	CHLOROBENZENE	0.63	U	0.062	0.63	UG/M3	0.63	U
EPD-DW-B-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.62	U	0.06	0.62	UG/M3	0.62	U
EPD-DW-B-101223	TO-15	98-82-8	CUMENE	0.67	U	0.025	0.67	UG/M3	0.67	U
EPD-DW-B-101223	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.065	2.3	UG/M3	2.3	U
EPD-DW-B-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.13	1.2	UG/M3	1.2	U
EPD-DW-B-101223	TO-15	64-17-5	ETHANOL	1.6	J	0.37	5.1	UG/M3	1.6	J
EPD-DW-B-101223	TO-15	75-69-4	FREON 11	1		0.11	0.76	UG/M3	1.0	
EPD-DW-B-101223	TO-15	76-13-1	FREON 113	0.4	J	0.16	1	UG/M3	0.40	J
EPD-DW-B-101223	TO-15	142-82-5	HEPTANE	0.3	J	0.079	2.8	UG/M3	0.30	J
EPD-DW-B-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.2	U	0.28	7.2	UG/M3	7.2	U
EPD-DW-B-101223	TO-15	110-54-3	HEXANE	0.46	J	0.056	2.4	UG/M3	0.46	J
EPD-DW-B-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.94	U	0.64	0.94	UG/M3	0.94	U
EPD-DW-B-101223	TO-15	103-65-1	PROPYLBENZENE	0.67	U	0.097	0.67	UG/M3	0.67	U
EPD-DW-B-101223	TO-15	100-42-5	STYRENE	0.056	J	0.042	0.58	UG/M3	0.056	J
EPD-DW-B-101223	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.56	2	UG/M3	2.0	U
EPD-DW-B-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.086	0.62	UG/M3	0.62	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-B-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-B-101223	TO-15	7440-63-3	XENON	3	NJ			PPBV	3.0	NJ
EPD-DW-B-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-DW-B-101223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.048	0.19	UG/M3	0.19	U
EPD-DW-B-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0076	0.15	UG/M3	0.15	U
EPD-DW-B-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.006	0.11	UG/M3	0.11	U
EPD-DW-B-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.054	U	0.0068	0.054	UG/M3	0.054	U
EPD-DW-B-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.021	0.21	UG/M3	0.21	U
EPD-DW-B-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.049	J	0.014	0.11	UG/M3	0.049	J
EPD-DW-B-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.052	0.16	UG/M3	0.16	U
EPD-DW-B-101223	TO-15 SIM	71-43-2	BENZENE	0.51		0.018	0.22	UG/M3	0.51	
EPD-DW-B-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.48		0.034	0.17	UG/M3	0.48	
EPD-DW-B-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.011	0.18	UG/M3	0.18	U
EPD-DW-B-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.0072	0.13	UG/M3	0.080	J
EPD-DW-B-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.59	J	0.095	1.4	UG/M3	0.59	J
EPD-DW-B-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.004	0.11	UG/M3	0.11	U
EPD-DW-B-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.0035	0.12	UG/M3	0.16	
EPD-DW-B-101223	TO-15 SIM	76-14-2	FREON 114	0.093	J	0.021	0.19	UG/M3	0.093	J
EPD-DW-B-101223	TO-15 SIM	75-71-8	FREON 12	2		0.021	0.34	UG/M3	2.0	
EPD-DW-B-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.6		0.008	0.24	UG/M3	0.60	
EPD-DW-B-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.49	U	0.0027	0.49	UG/M3	0.49	U
EPD-DW-B-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.066	J	0.05	0.36	UG/M3	0.36	U
EPD-DW-B-101223	TO-15 SIM	95-47-6	O-XYLENE	0.22		0.0021	0.12	UG/M3	0.22	
EPD-DW-B-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.043	J	0.0089	0.18	UG/M3	0.18	U
EPD-DW-B-101223	TO-15 SIM	108-88-3	TOLUENE	0.99		0.012	0.26	UG/M3	0.99	
EPD-DW-B-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.54	U	0.0055	0.54	UG/M3	0.54	U
EPD-DW-B-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.027	J	0.0096	0.15	UG/M3	0.027	J
EPD-DW-B-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.035	U	0.0046	0.035	UG/M3	0.035	U
EPD-UW-F-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.2	5.3	UG/M3	5.3	U
EPD-UW-F-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.27	J	0.17	0.7	UG/M3	0.27	J
EPD-UW-F-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.13	0.85	UG/M3	0.85	U
EPD-UW-F-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-UW-F-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.7	U	0.14	0.7	UG/M3	0.70	U
EPD-UW-F-101223	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.043	0.31	UG/M3	0.31	U
EPD-UW-F-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.085	0.85	UG/M3	0.85	U
EPD-UW-F-101223	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.074	0.51	UG/M3	0.51	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.47	J	0.22	3.3	UG/M3	0.47	J
EPD-UW-F-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.83	J	0.36	2.1	UG/M3	0.83	J
EPD-UW-F-101223	TO-15	591-78-6	2-HEXANONE	2.9	U	0.55	2.9	UG/M3	2.9	U
EPD-UW-F-101223	TO-15	67-63-0	2-PROPANOL	7	U	0.17	7	UG/M3	7.0	U
EPD-UW-F-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.2	2.2	UG/M3	2.2	U
EPD-UW-F-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.25	J	0.12	0.7	UG/M3	0.25	J
EPD-UW-F-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-UW-F-101223	TO-15	67-64-1	ACETONE	9.7		0.5	6.7	UG/M3	9.7	
EPD-UW-F-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.21	0.74	UG/M3	0.74	U
EPD-UW-F-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.12	0.95	UG/M3	0.95	U
EPD-UW-F-101223	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-UW-F-101223	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-UW-F-101223	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.098	2.2	UG/M3	2.2	U
EPD-UW-F-101223	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.075	0.65	UG/M3	0.65	U
EPD-UW-F-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-UW-F-101223	TO-15	98-82-8	CUMENE	0.7	U	0.064	0.7	UG/M3	0.70	U
EPD-UW-F-101223	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-UW-F-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-UW-F-101223	TO-15	64-17-5	ETHANOL	4.9	J	0.68	5.4	UG/M3	4.9	J
EPD-UW-F-101223	TO-15	75-69-4	FREON 11	1.5		0.12	0.8	UG/M3	1.5	
EPD-UW-F-101223	TO-15	76-13-1	FREON 113	0.52	J	0.11	1.1	UG/M3	0.52	J
EPD-UW-F-101223	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-UW-F-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.5	7.6	UG/M3	7.6	U
EPD-UW-F-101223	TO-15	110-54-3	HEXANE	0.69	J	0.23	2.5	UG/M3	0.69	J
EPD-UW-F-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.39	J	0.31	0.99	UG/M3	0.39	J
EPD-UW-F-101223	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.16	0.7	UG/M3	0.70	U
EPD-UW-F-101223	TO-15	100-42-5	STYRENE	0.6	U	0.098	0.6	UG/M3	0.60	U
EPD-UW-F-101223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-UW-F-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-UW-F-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-F-101223	TO-15	106-97-8	BUTANE	0.95	NJ			PPBV	0.95	NJ
EPD-UW-F-101223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.94	NJ			PPBV	0.94	NJ
EPD-UW-F-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-F-101223	TO-15	75-28-5	ISOBUTANE	0.96	NJ			PPBV	0.96	NJ
EPD-UW-F-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-UW-F-101223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.083	0.19	UG/M3	0.19	U
EPD-UW-F-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	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-UW-F-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-UW-F-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.022	0.056	UG/M3	0.056	U
EPD-UW-F-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.077	0.22	UG/M3	0.22	U
EPD-UW-F-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.058	J	0.029	0.11	UG/M3	0.058	J
EPD-UW-F-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.06	0.17	UG/M3	0.17	U
EPD-UW-F-101223	TO-15 SIM	71-43-2	BENZENE	0.95		0.026	0.23	UG/M3	0.95	
EPD-UW-F-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.47		0.038	0.18	UG/M3	0.47	
EPD-UW-F-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.02	0.19	UG/M3	0.19	U
EPD-UW-F-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.02	0.14	UG/M3	0.10	J
EPD-UW-F-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.87	J	0.3	1.5	UG/M3	0.87	J
EPD-UW-F-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-UW-F-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.012	0.12	UG/M3	0.17	
EPD-UW-F-101223	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.2	UG/M3	0.13	J
EPD-UW-F-101223	TO-15 SIM	75-71-8	FREON 12	2.6		0.026	0.35	UG/M3	2.6	
EPD-UW-F-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.59		0.0075	0.25	UG/M3	0.59	
EPD-UW-F-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.014	0.51	UG/M3	0.51	U
EPD-UW-F-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.11	0.37	UG/M3	0.13	J
EPD-UW-F-101223	TO-15 SIM	95-47-6	O-XYLENE	0.22		0.01	0.12	UG/M3	0.22	
EPD-UW-F-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-UW-F-101223	TO-15 SIM	108-88-3	TOLUENE	1.4		0.014	0.27	UG/M3	1.4	
EPD-UW-F-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-UW-F-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-UW-F-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-01-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-01-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.34	J	0.16	0.69	UG/M3	0.34	J
EPD-WA-01-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.19	J	0.13	0.84	UG/M3	0.19	J
EPD-WA-01-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.13	0.65	UG/M3	0.65	U
EPD-WA-01-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.14	0.69	UG/M3	0.69	U
EPD-WA-01-101223	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.042	0.31	UG/M3	0.31	U
EPD-WA-01-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.16	J	0.084	0.84	UG/M3	0.16	J
EPD-WA-01-101223	TO-15	123-91-1	1,4-DIOXANE	0.2	J	0.073	0.5	UG/M3	0.20	J
EPD-WA-01-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.49	J	0.21	3.3	UG/M3	0.49	J
EPD-WA-01-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.92	J	0.35	2.1	UG/M3	0.92	J
EPD-WA-01-101223	TO-15	591-78-6	2-HEXANONE	2.9	U	0.54	2.9	UG/M3	2.9	U
EPD-WA-01-101223	TO-15	67-63-0	2-PROPANOL	6.9	U	0.17	6.9	UG/M3	6.9	U
EPD-WA-01-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-01-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.23	J	0.12	0.69	UG/M3	0.23	J

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.18	0.57	UG/M3	0.57	U
EPD-WA-01-101223	TO-15	67-64-1	ACETONE	7.3		0.5	6.6	UG/M3	7.3	
EPD-WA-01-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U
EPD-WA-01-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.12	0.94	UG/M3	0.94	U
EPD-WA-01-101223	TO-15	75-25-2	BROMOFORM	0.15	J	0.14	1.4	UG/M3	0.15	J
EPD-WA-01-101223	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U
EPD-WA-01-101223	TO-15	75-15-0	CARBON DISULFIDE	0.1	J	0.096	2.2	UG/M3	2.2	U
EPD-WA-01-101223	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-01-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-01-101223	TO-15	98-82-8	CUMENE	0.69	U	0.064	0.69	UG/M3	0.69	U
EPD-WA-01-101223	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.41	2.4	UG/M3	2.4	U
EPD-WA-01-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-01-101223	TO-15	64-17-5	ETHANOL	4.4	J	0.67	5.3	UG/M3	4.4	J
EPD-WA-01-101223	TO-15	75-69-4	FREON 11	1.4		0.12	0.79	UG/M3	1.4	
EPD-WA-01-101223	TO-15	76-13-1	FREON 113	0.58	J	0.11	1.1	UG/M3	0.58	J
EPD-WA-01-101223	TO-15	142-82-5	HEPTANE	2.9	U	0.4	2.9	UG/M3	2.9	U
EPD-WA-01-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.49	7.5	UG/M3	7.5	U
EPD-WA-01-101223	TO-15	110-54-3	HEXANE	0.64	J	0.22	2.5	UG/M3	0.64	J
EPD-WA-01-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.46	J	0.3	0.97	UG/M3	0.46	J
EPD-WA-01-101223	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.16	0.69	UG/M3	0.69	U
EPD-WA-01-101223	TO-15	100-42-5	STYRENE	0.11	J	0.097	0.6	UG/M3	0.11	J
EPD-WA-01-101223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.35	2.1	UG/M3	2.1	U
EPD-WA-01-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-01-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-101223	TO-15	106-97-8	BUTANE	0.87	NJ			PPBV	0.87	NJ
EPD-WA-01-101223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.74	NJ			PPBV	0.74	NJ
EPD-WA-01-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-101223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.17	J	0.082	0.19	UG/M3	0.17	J
EPD-WA-01-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.053	0.15	UG/M3	0.15	U
EPD-WA-01-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-01-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.021	0.056	UG/M3	0.056	U
EPD-WA-01-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.076	0.22	UG/M3	0.22	U
EPD-WA-01-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.063	J	0.029	0.11	UG/M3	0.063	J
EPD-WA-01-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.2		0.06	0.17	UG/M3	0.20	J+
EPD-WA-01-101223	TO-15 SIM	71-43-2	BENZENE	0.68		0.025	0.22	UG/M3	0.68	
EPD-WA-01-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.037	0.18	UG/M3	0.45	

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-01-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.086	J	0.02	0.14	UG/M3	0.086	J
EPD-WA-01-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.86	J	0.29	1.4	UG/M3	0.86	J
EPD-WA-01-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-01-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.28		0.012	0.12	UG/M3	0.28	
EPD-WA-01-101223	TO-15 SIM	76-14-2	FREON 114	0.14	J	0.016	0.2	UG/M3	0.14	J
EPD-WA-01-101223	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.35	UG/M3	2.5	
EPD-WA-01-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.9		0.0074	0.24	UG/M3	0.90	
EPD-WA-01-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-01-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.22	J	0.11	0.37	UG/M3	0.22	J
EPD-WA-01-101223	TO-15 SIM	95-47-6	O-XYLENE	0.3		0.01	0.12	UG/M3	0.30	
EPD-WA-01-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-01-101223	TO-15 SIM	108-88-3	TOLUENE	1.4		0.014	0.26	UG/M3	1.4	
EPD-WA-01-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.013	0.56	UG/M3	0.56	U
EPD-WA-01-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-01-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-02-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	1.1	5.2	UG/M3	5.2	U
EPD-WA-02-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.32	J	0.16	0.68	UG/M3	0.32	J
EPD-WA-02-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-02-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.13	0.64	UG/M3	0.64	U
EPD-WA-02-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-02-101223	TO-15	106-99-0	1,3-BUTADIENE	0.13	J	0.042	0.31	UG/M3	0.13	J
EPD-WA-02-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.083	0.84	UG/M3	0.84	U
EPD-WA-02-101223	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.072	0.5	UG/M3	0.50	U
EPD-WA-02-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.53	J	0.21	3.2	UG/M3	0.53	J
EPD-WA-02-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.71	J	0.35	2	UG/M3	0.71	J
EPD-WA-02-101223	TO-15	591-78-6	2-HEXANONE	2.8	U	0.54	2.8	UG/M3	2.8	U
EPD-WA-02-101223	TO-15	67-63-0	2-PROPANOL	6.8	U	0.16	6.8	UG/M3	6.8	U
EPD-WA-02-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.19	2.2	UG/M3	2.2	U
EPD-WA-02-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.24	J	0.12	0.68	UG/M3	0.24	J
EPD-WA-02-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.17	0.57	UG/M3	0.57	U
EPD-WA-02-101223	TO-15	67-64-1	ACETONE	5.6	J	0.49	6.6	UG/M3	5.6	J
EPD-WA-02-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.21	0.72	UG/M3	0.72	U
EPD-WA-02-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93	U	0.12	0.93	UG/M3	0.93	U
EPD-WA-02-101223	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-02-101223	TO-15	74-83-9	BROMOMETHANE	27	U	1.3	27	UG/M3	27	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310275

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-101223	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-02-101223	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.074	0.64	UG/M3	0.64	U
EPD-WA-02-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-WA-02-101223	TO-15	98-82-8	CUMENE	0.68	U	0.063	0.68	UG/M3	0.68	U
EPD-WA-02-101223	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-WA-02-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.17	1.2	UG/M3	1.2	U
EPD-WA-02-101223	TO-15	64-17-5	ETHANOL	3.7	J	0.66	5.2	UG/M3	3.7	J
EPD-WA-02-101223	TO-15	75-69-4	FREON 11	1.4		0.12	0.78	UG/M3	1.4	
EPD-WA-02-101223	TO-15	76-13-1	FREON 113	0.54	J	0.11	1.1	UG/M3	0.54	J
EPD-WA-02-101223	TO-15	142-82-5	HEPTANE	2.8	U	0.4	2.8	UG/M3	2.8	U
EPD-WA-02-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.49	7.4	UG/M3	7.4	U
EPD-WA-02-101223	TO-15	110-54-3	HEXANE	0.68	J	0.22	2.4	UG/M3	0.68	J
EPD-WA-02-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.39	J	0.3	0.96	UG/M3	0.39	J
EPD-WA-02-101223	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-02-101223	TO-15	100-42-5	STYRENE	0.59	U	0.096	0.59	UG/M3	0.59	U
EPD-WA-02-101223	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.35	2	UG/M3	2.0	U
EPD-WA-02-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.13	0.63	UG/M3	0.63	U
EPD-WA-02-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-101223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.81	NJ			PPBV	0.81	NJ
EPD-WA-02-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-101223	TO-15	75-28-5	ISOBUTANE	0.71	NJ			PPBV	0.71	NJ
EPD-WA-02-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-02-101223	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-02-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.052	0.15	UG/M3	0.15	U
EPD-WA-02-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.016	0.11	UG/M3	0.11	U
EPD-WA-02-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.021	0.055	UG/M3	0.055	U
EPD-WA-02-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.075	0.21	UG/M3	0.21	U
EPD-WA-02-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.056	J	0.029	0.11	UG/M3	0.056	J
EPD-WA-02-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.059	0.17	UG/M3	0.17	U
EPD-WA-02-101223	TO-15 SIM	71-43-2	BENZENE	1		0.025	0.22	UG/M3	1.0	
EPD-WA-02-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.037	0.17	UG/M3	0.45	
EPD-WA-02-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.02	0.18	UG/M3	0.18	U
EPD-WA-02-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.1	J	0.02	0.14	UG/M3	0.10	J
EPD-WA-02-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.83	J	0.29	1.4	UG/M3	0.83	J
EPD-WA-02-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.01	0.11	UG/M3	0.11	U
EPD-WA-02-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.012	0.12	UG/M3	0.17	
EPD-WA-02-101223	TO-15 SIM	76-14-2	FREON 114	0.13	J	0.016	0.19	UG/M3	0.13	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2310275

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-101223	TO-15 SIM	75-71-8	FREON 12	2.5		0.025	0.34	UG/M3	2.5	
EPD-WA-02-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.56		0.0074	0.24	UG/M3	0.56	
EPD-WA-02-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.014	0.5	UG/M3	0.50	U
EPD-WA-02-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.15	J	0.1	0.36	UG/M3	0.15	J
EPD-WA-02-101223	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.01	0.12	UG/M3	0.20	
EPD-WA-02-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.19	U	0.1	0.19	UG/M3	0.19	U
EPD-WA-02-101223	TO-15 SIM	108-88-3	TOLUENE	1.3		0.014	0.26	UG/M3	1.3	
EPD-WA-02-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55	U	0.013	0.55	UG/M3	0.55	U
EPD-WA-02-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-WA-02-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.01	0.036	UG/M3	0.036	U
EPD-WA-03-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	0.34	5.3	UG/M3	5.3	U
EPD-WA-03-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18	J	0.18	0.7	UG/M3	0.18	J
EPD-WA-03-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.86	U	0.081	0.86	UG/M3	0.86	U
EPD-WA-03-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-03-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.059	J	0.04	0.7	UG/M3	0.059	J
EPD-WA-03-101223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.029	0.32	UG/M3	0.32	U
EPD-WA-03-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.86	U	0.074	0.86	UG/M3	0.86	U
EPD-WA-03-101223	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.076	0.52	UG/M3	0.52	U
EPD-WA-03-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.27	J	0.087	3.3	UG/M3	0.27	J
EPD-WA-03-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2	J	0.16	2.1	UG/M3	1.2	J
EPD-WA-03-101223	TO-15	591-78-6	2-HEXANONE	2.9	U	0.27	2.9	UG/M3	2.9	U
EPD-WA-03-101223	TO-15	67-63-0	2-PROPANOL	7	U	0.56	7	UG/M3	7.0	U
EPD-WA-03-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.28	2.2	UG/M3	2.2	U
EPD-WA-03-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.16	J	0.038	0.7	UG/M3	0.70	U
EPD-WA-03-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.27	J	0.079	0.58	UG/M3	0.27	J
EPD-WA-03-101223	TO-15	67-64-1	ACETONE	7.9		2.2	6.8	UG/M3	7.9	
EPD-WA-03-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.091	0.74	UG/M3	0.74	U
EPD-WA-03-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.96	U	0.14	0.96	UG/M3	0.96	U
EPD-WA-03-101223	TO-15	75-25-2	BROMOFORM	1.5	U	0.2	1.5	UG/M3	1.5	U
EPD-WA-03-101223	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-WA-03-101223	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.096	2.2	UG/M3	2.2	U
EPD-WA-03-101223	TO-15	108-90-7	CHLOROBENZENE	0.66	U	0.065	0.66	UG/M3	0.66	U
EPD-WA-03-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.65	U	0.063	0.65	UG/M3	0.65	U
EPD-WA-03-101223	TO-15	98-82-8	CUMENE	0.028	J	0.027	0.7	UG/M3	0.028	J
EPD-WA-03-101223	TO-15	110-82-7	CYCLOHEXANE	0.069	J	0.069	2.5	UG/M3	0.069	J
EPD-WA-03-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.14	1.2	UG/M3	1.2	U
EPD-WA-03-101223	TO-15	64-17-5	ETHANOL	2.9	J	0.38	5.4	UG/M3	2.9	J

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-101223	TO-15	75-69-4	FREON 11	1.1		0.12	0.8	UG/M3	1.1	
EPD-WA-03-101223	TO-15	76-13-1	FREON 113	0.42	J	0.17	1.1	UG/M3	0.42	J
EPD-WA-03-101223	TO-15	142-82-5	HEPTANE	0.29	J	0.083	2.9	UG/M3	0.29	J
EPD-WA-03-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.29	7.6	UG/M3	7.6	U
EPD-WA-03-101223	TO-15	110-54-3	HEXANE	0.47	J	0.058	2.5	UG/M3	0.47	J
EPD-WA-03-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.99	U	0.67	0.99	UG/M3	0.99	U
EPD-WA-03-101223	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.1	0.7	UG/M3	0.70	U
EPD-WA-03-101223	TO-15	100-42-5	STYRENE	0.046	J	0.044	0.61	UG/M3	0.046	J
EPD-WA-03-101223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.58	2.1	UG/M3	2.1	U
EPD-WA-03-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.65	U	0.09	0.65	UG/M3	0.65	U
EPD-WA-03-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.013	0.16	UG/M3	0.16	U
EPD-WA-03-101223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.051	0.2	UG/M3	0.20	U
EPD-WA-03-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.008	0.16	UG/M3	0.16	U
EPD-WA-03-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.0064	0.12	UG/M3	0.12	U
EPD-WA-03-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.0072	0.057	UG/M3	0.057	U
EPD-WA-03-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.022	0.22	UG/M3	0.22	U
EPD-WA-03-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.015	0.12	UG/M3	0.054	J
EPD-WA-03-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.054	0.17	UG/M3	0.17	U
EPD-WA-03-101223	TO-15 SIM	71-43-2	BENZENE	0.56		0.02	0.23	UG/M3	0.56	
EPD-WA-03-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.46		0.036	0.18	UG/M3	0.46	
EPD-WA-03-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.012	0.19	UG/M3	0.19	U
EPD-WA-03-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.078	J	0.0076	0.14	UG/M3	0.078	J
EPD-WA-03-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63	J	0.1	1.5	UG/M3	0.63	J
EPD-WA-03-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0042	0.11	UG/M3	0.11	U
EPD-WA-03-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.15		0.0037	0.12	UG/M3	0.15	
EPD-WA-03-101223	TO-15 SIM	76-14-2	FREON 114	0.098	J	0.022	0.2	UG/M3	0.098	J
EPD-WA-03-101223	TO-15 SIM	75-71-8	FREON 12	2.1		0.022	0.35	UG/M3	2.1	
EPD-WA-03-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.53		0.0084	0.25	UG/M3	0.53	
EPD-WA-03-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.0029	0.52	UG/M3	0.52	U
EPD-WA-03-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.11	J	0.052	0.37	UG/M3	0.37	U
EPD-WA-03-101223	TO-15 SIM	95-47-6	O-XYLENE	0.2		0.0022	0.12	UG/M3	0.20	
EPD-WA-03-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.088	J	0.0094	0.19	UG/M3	0.19	U
EPD-WA-03-101223	TO-15 SIM	108-88-3	TOLUENE	1		0.013	0.27	UG/M3	1.0	
EPD-WA-03-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.57	U	0.0058	0.57	UG/M3	0.57	U
EPD-WA-03-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.01	0.15	UG/M3	0.15	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-03-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0049	0.036	UG/M3	0.036	U
EPD-WA-05-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	0.33	5.3	UG/M3	5.3	U
EPD-WA-05-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.39	J	0.18	0.7	UG/M3	0.39	J
EPD-WA-05-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.081	0.85	UG/M3	0.85	U
EPD-WA-05-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-WA-05-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.12	J	0.04	0.7	UG/M3	0.12	J
EPD-WA-05-101223	TO-15	106-99-0	1,3-BUTADIENE	0.072	J	0.028	0.31	UG/M3	0.072	J
EPD-WA-05-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.073	0.85	UG/M3	0.85	U
EPD-WA-05-101223	TO-15	123-91-1	1,4-DIOXANE	0.14	J	0.075	0.51	UG/M3	0.14	J
EPD-WA-05-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.57	J	0.086	3.3	UG/M3	0.57	J
EPD-WA-05-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.87	J	0.16	2.1	UG/M3	0.87	J
EPD-WA-05-101223	TO-15	591-78-6	2-HEXANONE	2.9	U	0.27	2.9	UG/M3	2.9	U
EPD-WA-05-101223	TO-15	67-63-0	2-PROPANOL	0.62	J	0.56	7	UG/M3	0.62	J
EPD-WA-05-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.28	2.2	UG/M3	2.2	U
EPD-WA-05-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.35	J	0.038	0.7	UG/M3	0.70	U
EPD-WA-05-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.078	0.58	UG/M3	0.58	U
EPD-WA-05-101223	TO-15	67-64-1	ACETONE	7.3		2.2	6.7	UG/M3	7.3	
EPD-WA-05-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.091	0.74	UG/M3	0.74	U
EPD-WA-05-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.14	0.95	UG/M3	0.95	U
EPD-WA-05-101223	TO-15	75-25-2	BROMOFORM	1.5	U	0.19	1.5	UG/M3	1.5	U
EPD-WA-05-101223	TO-15	74-83-9	BROMOMETHANE	28	U	1.4	28	UG/M3	28	U
EPD-WA-05-101223	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.095	2.2	UG/M3	2.2	U
EPD-WA-05-101223	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.064	0.65	UG/M3	0.65	U
EPD-WA-05-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.062	0.64	UG/M3	0.64	U
EPD-WA-05-101223	TO-15	98-82-8	CUMENE	0.041	J	0.026	0.7	UG/M3	0.041	J
EPD-WA-05-101223	TO-15	110-82-7	CYCLOHEXANE	0.11	J	0.068	2.4	UG/M3	0.11	J
EPD-WA-05-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.14	1.2	UG/M3	1.2	U
EPD-WA-05-101223	TO-15	64-17-5	ETHANOL	4.1	J	0.38	5.4	UG/M3	4.1	J
EPD-WA-05-101223	TO-15	75-69-4	FREON 11	1.1		0.12	0.8	UG/M3	1.1	
EPD-WA-05-101223	TO-15	76-13-1	FREON 113	0.42	J	0.16	1.1	UG/M3	0.42	J
EPD-WA-05-101223	TO-15	142-82-5	HEPTANE	0.48	J	0.082	2.9	UG/M3	0.48	J
EPD-WA-05-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.29	7.6	UG/M3	7.6	U
EPD-WA-05-101223	TO-15	110-54-3	HEXANE	0.85	J	0.058	2.5	UG/M3	0.85	J
EPD-WA-05-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.72	J	0.66	0.99	UG/M3	0.99	U
EPD-WA-05-101223	TO-15	103-65-1	PROPYLBENZENE	0.7	U	0.1	0.7	UG/M3	0.70	U
EPD-WA-05-101223	TO-15	100-42-5	STYRENE	0.082	J	0.044	0.6	UG/M3	0.082	J
EPD-WA-05-101223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.58	2.1	UG/M3	2.1	U

Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.09	0.64	UG/M3	0.64	U
EPD-WA-05-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-101223	TO-15	106-97-8	BUTANE	1.1	NJ			PPBV	1.1	NJ
EPD-WA-05-101223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.1	NJ			PPBV	1.1	NJ
EPD-WA-05-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-101223	TO-15	NA	UNKNOWN TIC	0.83	J			PPBV	0.83	J
EPD-WA-05-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-WA-05-101223	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-05-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0079	0.15	UG/M3	0.15	U
EPD-WA-05-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.0063	0.11	UG/M3	0.11	U
EPD-WA-05-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.0072	0.056	UG/M3	0.056	U
EPD-WA-05-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.022	0.22	UG/M3	0.22	U
EPD-WA-05-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.015	0.11	UG/M3	0.054	J
EPD-WA-05-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.054	0.17	UG/M3	0.17	U
EPD-WA-05-101223	TO-15 SIM	71-43-2	BENZENE	0.99		0.019	0.23	UG/M3	0.99	
EPD-WA-05-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.036	0.18	UG/M3	0.49	
EPD-WA-05-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.012	0.19	UG/M3	0.19	U
EPD-WA-05-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.089	J	0.0076	0.14	UG/M3	0.089	J
EPD-WA-05-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66	J	0.1	1.5	UG/M3	0.66	J
EPD-WA-05-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.0042	0.11	UG/M3	0.11	U
EPD-WA-05-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.37		0.0037	0.12	UG/M3	0.37	
EPD-WA-05-101223	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.022	0.2	UG/M3	0.096	J
EPD-WA-05-101223	TO-15 SIM	75-71-8	FREON 12	2.2		0.022	0.35	UG/M3	2.2	
EPD-WA-05-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	1.4		0.0084	0.25	UG/M3	1.4	
EPD-WA-05-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.0029	0.51	UG/M3	0.51	U
EPD-WA-05-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.16	J	0.052	0.37	UG/M3	0.37	U
EPD-WA-05-101223	TO-15 SIM	95-47-6	O-XYLENE	0.5		0.0022	0.12	UG/M3	0.50	
EPD-WA-05-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.085	J	0.0093	0.19	UG/M3	0.19	U
EPD-WA-05-101223	TO-15 SIM	108-88-3	TOLUENE	2.8		0.013	0.27	UG/M3	2.8	
EPD-WA-05-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.01	J	0.0057	0.56	UG/M3	0.010	J
EPD-WA-05-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.01	0.15	UG/M3	0.15	U
EPD-WA-05-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.0048	0.036	UG/M3	0.036	U
EPD-WA-06-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	1.2	5.4	UG/M3	5.4	U
EPD-WA-06-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.34	J	0.17	0.71	UG/M3	0.34	J
EPD-WA-06-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.87	U	0.14	0.87	UG/M3	0.87	U
EPD-WA-06-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.14	0.67	UG/M3	0.67	U
EPD-WA-06-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.71	U	0.14	0.71	UG/M3	0.71	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-101223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.044	0.32	UG/M3	0.32	U
EPD-WA-06-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.87	U	0.087	0.87	UG/M3	0.87	U
EPD-WA-06-101223	TO-15	123-91-1	1,4-DIOXANE	0.52	U	0.076	0.52	UG/M3	0.52	U
EPD-WA-06-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.52	J	0.22	3.4	UG/M3	0.52	J
EPD-WA-06-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.83	J	0.36	2.1	UG/M3	0.83	J
EPD-WA-06-101223	TO-15	591-78-6	2-HEXANONE	3	U	0.56	3	UG/M3	3.0	U
EPD-WA-06-101223	TO-15	67-63-0	2-PROPANOL	3.6	J	0.17	7.1	UG/M3	3.6	J
EPD-WA-06-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.2	2.3	UG/M3	2.3	U
EPD-WA-06-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.27	J	0.12	0.71	UG/M3	0.27	J
EPD-WA-06-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-WA-06-101223	TO-15	67-64-1	ACETONE	18		0.52	6.9	UG/M3	18	
EPD-WA-06-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.75	U	0.22	0.75	UG/M3	0.75	U
EPD-WA-06-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.97	U	0.12	0.97	UG/M3	0.97	U
EPD-WA-06-101223	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-06-101223	TO-15	74-83-9	BROMOMETHANE	28	U	1.3	28	UG/M3	28	U
EPD-WA-06-101223	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.1	2.2	UG/M3	2.2	U
EPD-WA-06-101223	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.077	0.67	UG/M3	0.67	U
EPD-WA-06-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-06-101223	TO-15	98-82-8	CUMENE	0.71	U	0.066	0.71	UG/M3	0.71	U
EPD-WA-06-101223	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.42	2.5	UG/M3	2.5	U
EPD-WA-06-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.18	1.2	UG/M3	1.2	U
EPD-WA-06-101223	TO-15	64-17-5	ETHANOL	10		0.69	5.5	UG/M3	10	
EPD-WA-06-101223	TO-15	75-69-4	FREON 11	1.5		0.12	0.81	UG/M3	1.5	
EPD-WA-06-101223	TO-15	76-13-1	FREON 113	0.56	J	0.11	1.1	UG/M3	0.56	J
EPD-WA-06-101223	TO-15	142-82-5	HEPTANE	3	U	0.41	3	UG/M3	3.0	U
EPD-WA-06-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.7	U	0.51	7.7	UG/M3	7.7	U
EPD-WA-06-101223	TO-15	110-54-3	HEXANE	0.73	J	0.23	2.6	UG/M3	0.73	J
EPD-WA-06-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.55	J	0.31	1	UG/M3	0.55	J
EPD-WA-06-101223	TO-15	103-65-1	PROPYLBENZENE	0.71	U	0.16	0.71	UG/M3	0.71	U
EPD-WA-06-101223	TO-15	100-42-5	STYRENE	0.1	J	0.1	0.62	UG/M3	0.10	J
EPD-WA-06-101223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.36	2.1	UG/M3	2.1	U
EPD-WA-06-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-WA-06-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-101223	TO-15	106-97-8	BUTANE	0.97	NJ			PPBV	0.97	NJ
EPD-WA-06-101223	TO-15	78-78-4	BUTANE, 2-METHYL-	0.91	NJ			PPBV	0.91	NJ
EPD-WA-06-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-101223	TO-15	75-28-5	ISOBUTANE	0.84	NJ			PPBV	0.84	NJ

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-06-101223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.085	0.2	UG/M3	0.20	U
EPD-WA-06-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.054	0.16	UG/M3	0.16	U
EPD-WA-06-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.017	0.12	UG/M3	0.12	U
EPD-WA-06-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.057	U	0.022	0.057	UG/M3	0.057	U
EPD-WA-06-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.078	0.22	UG/M3	0.22	U
EPD-WA-06-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.06	J	0.03	0.12	UG/M3	0.060	J
EPD-WA-06-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.062	0.17	UG/M3	0.17	U
EPD-WA-06-101223	TO-15 SIM	71-43-2	BENZENE	0.86		0.026	0.23	UG/M3	0.86	
EPD-WA-06-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.45		0.039	0.18	UG/M3	0.45	
EPD-WA-06-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.021	0.19	UG/M3	0.19	U
EPD-WA-06-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.098	J	0.021	0.14	UG/M3	0.098	J
EPD-WA-06-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.86	J	0.3	1.5	UG/M3	0.86	J
EPD-WA-06-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-WA-06-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.19		0.012	0.12	UG/M3	0.19	
EPD-WA-06-101223	TO-15 SIM	76-14-2	FREON 114	0.12	J	0.016	0.2	UG/M3	0.12	J
EPD-WA-06-101223	TO-15 SIM	75-71-8	FREON 12	2.5		0.026	0.36	UG/M3	2.5	
EPD-WA-06-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	0.68		0.0077	0.25	UG/M3	0.68	
EPD-WA-06-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.52	U	0.014	0.52	UG/M3	0.52	U
EPD-WA-06-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.19	J	0.11	0.38	UG/M3	0.19	J
EPD-WA-06-101223	TO-15 SIM	95-47-6	O-XYLENE	0.25		0.011	0.12	UG/M3	0.25	
EPD-WA-06-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.2	U	0.11	0.2	UG/M3	0.20	U
EPD-WA-06-101223	TO-15 SIM	108-88-3	TOLUENE	1.3		0.014	0.27	UG/M3	1.3	
EPD-WA-06-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.31	J	0.013	0.57	UG/M3	0.31	J
EPD-WA-06-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.021	0.16	UG/M3	0.16	U
EPD-WA-06-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.011	0.037	UG/M3	0.037	U
EPD-WA-11-101223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	0.31	5	UG/M3	5.0	U
EPD-WA-11-101223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.22	J	0.16	0.66	UG/M3	0.22	J
EPD-WA-11-101223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.8	U	0.076	0.8	UG/M3	0.80	U
EPD-WA-11-101223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62	U	0.11	0.62	UG/M3	0.62	U
EPD-WA-11-101223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.074	J	0.038	0.66	UG/M3	0.074	J
EPD-WA-11-101223	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.027	0.3	UG/M3	0.30	U
EPD-WA-11-101223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.8	U	0.069	0.8	UG/M3	0.80	U
EPD-WA-11-101223	TO-15	123-91-1	1,4-DIOXANE	0.08	J	0.071	0.48	UG/M3	0.080	J
EPD-WA-11-101223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.37	J	0.082	3.1	UG/M3	0.37	J
EPD-WA-11-101223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2	J	0.15	2	UG/M3	1.2	J
EPD-WA-11-101223	TO-15	591-78-6	2-HEXANONE	2.7	U	0.25	2.7	UG/M3	2.7	U

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Samp_ID	Method	CAS_#	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-11-101223	TO-15	67-63-0	2-PROPANOL	0.69	J	0.52	6.6	UG/M3	0.69	J
EPD-WA-11-101223	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.26	2.1	UG/M3	2.1	U
EPD-WA-11-101223	TO-15	622-96-8	4-ETHYLTOLUENE	0.21	J	0.036	0.66	UG/M3	0.66	U
EPD-WA-11-101223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.35	J	0.074	0.55	UG/M3	0.35	J
EPD-WA-11-101223	TO-15	67-64-1	ACETONE	8.3		2.1	6.4	UG/M3	8.3	
EPD-WA-11-101223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69	U	0.086	0.69	UG/M3	0.69	U
EPD-WA-11-101223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.9	U	0.13	0.9	UG/M3	0.90	U
EPD-WA-11-101223	TO-15	75-25-2	BROMOFORM	1.4	U	0.18	1.4	UG/M3	1.4	U
EPD-WA-11-101223	TO-15	74-83-9	BROMOMETHANE	26	U	1.3	26	UG/M3	26	U
EPD-WA-11-101223	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.09	2.1	UG/M3	2.1	U
EPD-WA-11-101223	TO-15	108-90-7	CHLOROBENZENE	0.62	U	0.061	0.62	UG/M3	0.62	U
EPD-WA-11-101223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61	U	0.059	0.61	UG/M3	0.61	U
EPD-WA-11-101223	TO-15	98-82-8	CUMENE	0.035	J	0.025	0.66	UG/M3	0.035	J
EPD-WA-11-101223	TO-15	110-82-7	CYCLOHEXANE	0.1	J	0.064	2.3	UG/M3	0.10	J
EPD-WA-11-101223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.13	1.1	UG/M3	1.1	U
EPD-WA-11-101223	TO-15	64-17-5	ETHANOL	3.2	J	0.36	5	UG/M3	3.2	J
EPD-WA-11-101223	TO-15	75-69-4	FREON 11	1.1		0.11	0.75	UG/M3	1.1	
EPD-WA-11-101223	TO-15	76-13-1	FREON 113	0.42	J	0.16	1	UG/M3	0.42	J
EPD-WA-11-101223	TO-15	142-82-5	HEPTANE	0.38	J	0.078	2.7	UG/M3	0.38	J
EPD-WA-11-101223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1	U	0.27	7.1	UG/M3	7.1	U
EPD-WA-11-101223	TO-15	110-54-3	HEXANE	0.64	J	0.055	2.4	UG/M3	0.64	J
EPD-WA-11-101223	TO-15	75-09-2	METHYLENE CHLORIDE	0.93	U	0.63	0.93	UG/M3	0.93	U
EPD-WA-11-101223	TO-15	103-65-1	PROPYLBENZENE	0.66	U	0.096	0.66	UG/M3	0.66	U
EPD-WA-11-101223	TO-15	100-42-5	STYRENE	0.073	J	0.041	0.57	UG/M3	0.073	J
EPD-WA-11-101223	TO-15	109-99-9	TETRAHYDROFURAN	2	U	0.55	2	UG/M3	2.0	U
EPD-WA-11-101223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.085	0.61	UG/M3	0.61	U
EPD-WA-11-101223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-11-101223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-11-101223	TO-15	7440-63-3	XENON	3.2	NJ			PPBV	3.2	NJ
EPD-WA-11-101223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.013	J	0.012	0.15	UG/M3	0.013	J
EPD-WA-11-101223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.048	0.18	UG/M3	0.18	U
EPD-WA-11-101223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.0074	0.15	UG/M3	0.15	U
EPD-WA-11-101223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.006	0.11	UG/M3	0.11	U
EPD-WA-11-101223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053	U	0.0067	0.053	UG/M3	0.053	U
EPD-WA-11-101223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2	U	0.02	0.2	UG/M3	0.20	U
EPD-WA-11-101223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.05	J	0.014	0.11	UG/M3	0.050	J
EPD-WA-11-101223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.051	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-11-101223	TO-15 SIM	71-43-2	BENZENE	0.86		0.018	0.21	UG/M3	0.86	
EPD-WA-11-101223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.034	0.17	UG/M3	0.49	
EPD-WA-11-101223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.011	0.18	UG/M3	0.18	U
EPD-WA-11-101223	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.0071	0.13	UG/M3	0.074	J
EPD-WA-11-101223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63	J	0.094	1.4	UG/M3	0.63	J
EPD-WA-11-101223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.004	0.11	UG/M3	0.11	U
EPD-WA-11-101223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.33		0.0035	0.12	UG/M3	0.33	
EPD-WA-11-101223	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.021	0.19	UG/M3	0.10	J
EPD-WA-11-101223	TO-15 SIM	75-71-8	FREON 12	2.1		0.021	0.33	UG/M3	2.1	
EPD-WA-11-101223	TO-15 SIM	179601-23-1	M,P-XYLENE	1		0.0079	0.23	UG/M3	1.0	
EPD-WA-11-101223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	0.0027	0.48	UG/M3	0.48	U
EPD-WA-11-101223	TO-15 SIM	91-20-3	NAPHTHALENE	0.11	J	0.049	0.35	UG/M3	0.35	U
EPD-WA-11-101223	TO-15 SIM	95-47-6	O-XYLENE	0.35		0.0021	0.12	UG/M3	0.35	
EPD-WA-11-101223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.069	J	0.0088	0.18	UG/M3	0.18	U
EPD-WA-11-101223	TO-15 SIM	108-88-3	TOLUENE	1.6		0.012	0.25	UG/M3	1.6	
EPD-WA-11-101223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.081	J	0.0054	0.53	UG/M3	0.081	J
EPD-WA-11-101223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.012	J	0.0094	0.14	UG/M3	0.012	J
EPD-WA-11-101223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034	U	0.0046	0.034	UG/M3	0.034	U