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May 5, 2023

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. 1787**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for eighteen air samples, including two field duplicates, collected at the E Palestine Site. The samples were collected on April 12 and April 13, 2023 and were analyzed for VOCs by Eurofins Air Toxics. The final laboratory data package was received on April 24, 2023.

Analytical data were evaluated in general accordance with 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 this data package. 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 call me at (770) 598-1808.

Sincerely,

Shanna M Vasser
Digitally signed by Shanna M Vasser
Date: 2023.05.05 11:14:47 -04'00'

Shanna Vasser, PE

Civil Engineer

Enclosure

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

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ATTACHMENT

**DATA VALIDATION REPORTS
EUROFINS AIR TOXICS REPORT NOS.
2304210, 2304250, AND 2304258**

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1787a	Laboratory	Eurofins Air Toxics, LLC, Folsom, CA
Laboratory Report No.	2304210	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		
Collection Date(s)	04/12/2023		
Field Duplicate Pairs	EPD-WA-05-041223/EPD-WA-55-041223		
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, 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 the findings of this validation effort.

Data completeness:

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

Sample preservation, receipt, and holding times:

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

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 scan (2304210-10A): Carbon disulfide was detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). The carbon disulfide results were qualified as not detected (flagged U) at the RL in all samples.

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	

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

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2304210-12B and 2304210-12BB): The LCS and LCSD percent recoveries were below QC limits for carbon tetrachloride. The sample results were qualified as estimated with possible low bias (flagged J-) in all samples.

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> • EPD-DW-C-041223 was 1.38. • EPD-UW-G-041223 was 1.40. • EPD-WA-01-041223 was 1.50. • EPD-WA-02-041223 was 1.50. • EPD-WA-03-041223 was 1.34. • EPD-WA-04-041223 was 1.46. • EPD-WA-05-041223 was 1.46. • EPD-WA-06-041223 was 1.32. • EPD-WA-55-041223 was 1.40.

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.

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in all samples. The known TICs were qualified as tentatively identified (flagged NJ). The unknown TICs were qualified as estimated (flagged J). 2-Ethyl-1-hexanol in all samples and butyl acrylate in all samples, except EPD-WA-01-041223, were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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. 2304210

Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-DW-C-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.1	U	0.68	5.1	UG/M3	5.1	U
EPD-DW-C-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-DW-C-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.83	U	0.18	0.83	UG/M3	0.83	U
EPD-DW-C-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.22	0.64	UG/M3	0.64	U
EPD-DW-C-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.21	0.68	UG/M3	0.68	U
EPD-DW-C-041223	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.12	0.3	UG/M3	0.30	U
EPD-DW-C-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.83	U	0.17	0.83	UG/M3	0.83	U
EPD-DW-C-041223	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.27	0.5	UG/M3	0.50	U
EPD-DW-C-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.2	U	0.46	3.2	UG/M3	3.2	U
EPD-DW-C-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.56	J	0.46	2	UG/M3	0.56	J
EPD-DW-C-041223	TO-15	591-78-6	2-HEXANONE	2.8	U	0.57	2.8	UG/M3	2.8	U
EPD-DW-C-041223	TO-15	67-63-0	2-PROPANOL	1.2	J	0.36	6.8	UG/M3	1.2	J
EPD-DW-C-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.47	2.2	UG/M3	2.2	U
EPD-DW-C-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-DW-C-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.56	U	0.12	0.56	UG/M3	0.56	U
EPD-DW-C-041223	TO-15	67-64-1	ACETONE	13		0.93	6.6	UG/M3	13	
EPD-DW-C-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.71	U	0.38	0.71	UG/M3	0.71	U
EPD-DW-C-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.92	U	0.2	0.92	UG/M3	0.92	U
EPD-DW-C-041223	TO-15	75-25-2	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-DW-C-041223	TO-15	74-83-9	BROMOMETHANE	27	U	2.1	27	UG/M3	27	U
EPD-DW-C-041223	TO-15	75-15-0	CARBON DISULFIDE	0.64	J	0.28	2.1	UG/M3	2.1	U
EPD-DW-C-041223	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.18	0.64	UG/M3	0.64	U
EPD-DW-C-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.19	0.63	UG/M3	0.63	U
EPD-DW-C-041223	TO-15	98-82-8	CUMENE	0.68	U	0.1	0.68	UG/M3	0.68	U
EPD-DW-C-041223	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.25	2.4	UG/M3	2.4	U
EPD-DW-C-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.24	1.2	UG/M3	1.2	U
EPD-DW-C-041223	TO-15	64-17-5	ETHANOL	23		1.4	5.2	UG/M3	23	
EPD-DW-C-041223	TO-15	75-69-4	FREON 11	0.96		0.12	0.78	UG/M3	0.96	
EPD-DW-C-041223	TO-15	76-13-1	FREON 113	0.33	J	0.13	1	UG/M3	0.33	J
EPD-DW-C-041223	TO-15	142-82-5	HEPTANE	2.8	U	0.57	2.8	UG/M3	2.8	U
EPD-DW-C-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.62	7.4	UG/M3	7.4	U
EPD-DW-C-041223	TO-15	110-54-3	HEXANE	2.4	U	0.4	2.4	UG/M3	2.4	U
EPD-DW-C-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.71	J	0.36	0.96	UG/M3	0.71	J
EPD-DW-C-041223	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.25	0.68	UG/M3	0.68	U
EPD-DW-C-041223	TO-15	100-42-5	STYRENE	0.14	J	0.11	0.59	UG/M3	0.14	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304210

Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-DW-C-041223	TO-15	109-99-9	TETRAHYDROFURAN	2	U	1.3	2	UG/M3	2.0	U
EPD-DW-C-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.17	0.63	UG/M3	0.63	U
EPD-DW-C-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-C-041223	TO-15	106-97-8	BUTANE	2	NJ			PPBV	2.0	NJ
EPD-DW-C-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.9	NJ			PPBV	1.9	NJ
EPD-DW-C-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-C-041223	TO-15	66-25-1	HEXANAL	2	NJ			PPBV	2.0	NJ
EPD-DW-C-041223	TO-15	75-28-5	ISOBUTANE	0.74	NJ			PPBV	0.74	NJ
EPD-DW-C-041223	TO-15	124-19-6	NONANAL	6	NJ			PPBV	6.0	NJ
EPD-DW-C-041223	TO-15	124-13-0	OCTANAL	2	NJ			PPBV	2.0	NJ
EPD-DW-C-041223	TO-15	109-66-0	PENTANE	4.5	NJ			PPBV	4.5	NJ
EPD-DW-C-041223	TO-15	NA	UNKNOWN TIC	1.9	J			PPBV	1.9	J
EPD-DW-C-041223	TO-15	NA	UNKNOWN TIC	0.91	J			PPBV	0.91	J
EPD-DW-C-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.02	0.15	UG/M3	0.15	U
EPD-DW-C-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.032	0.19	UG/M3	0.19	U
EPD-DW-C-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.03	0.15	UG/M3	0.15	U
EPD-DW-C-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-DW-C-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.028	0.055	UG/M3	0.055	U
EPD-DW-C-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.047	0.21	UG/M3	0.21	U
EPD-DW-C-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.022	0.11	UG/M3	0.069	J
EPD-DW-C-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.09	0.16	UG/M3	0.16	U
EPD-DW-C-041223	TO-15 SIM	71-43-2	BENZENE	0.45		0.043	0.22	UG/M3	0.45	
EPD-DW-C-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.032	0.17	UG/M3	0.37	J-
EPD-DW-C-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-DW-C-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.059	J	0.021	0.13	UG/M3	0.059	J
EPD-DW-C-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.14	1.4	UG/M3	0.96	J
EPD-DW-C-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-DW-C-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.084	J	0.0085	0.12	UG/M3	0.084	J
EPD-DW-C-041223	TO-15 SIM	76-14-2	FREON 114	0.096	J	0.027	0.19	UG/M3	0.096	J
EPD-DW-C-041223	TO-15 SIM	75-71-8	FREON 12	1.8		0.020	0.34	UG/M3	1.8	
EPD-DW-C-041223	TO-15 SIM	179601-23	M,P-XYLENE	0.24		0.017	0.24	UG/M3	0.24	
EPD-DW-C-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.018	0.50	UG/M3	0.50	U
EPD-DW-C-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.36	U	0.068	0.36	UG/M3	0.36	U
EPD-DW-C-041223	TO-15 SIM	95-47-6	O-XYLENE	0.096	J	0.015	0.12	UG/M3	0.096	J
EPD-DW-C-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.057	J	0.0072	0.19	UG/M3	0.057	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304210

Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-DW-C-041223	TO-15 SIM	108-88-3	TOLUENE	4		0.017	0.26	UG/M3	4.0	
EPD-DW-C-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	4.3		0.017	0.55	UG/M3	4.3	
EPD-DW-C-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.014 J		0.013	0.15	UG/M3	0.014 J	
EPD-DW-C-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.13		0.025	0.035	UG/M3	0.13	
EPD-UW-G-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2 U		0.68	5.2	UG/M3	5.2 U	
EPD-UW-G-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.34 J		0.16	0.69	UG/M3	0.34 J	
EPD-UW-G-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-UW-G-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65 U		0.23	0.65	UG/M3	0.65 U	
EPD-UW-G-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69 U		0.21	0.69	UG/M3	0.69 U	
EPD-UW-G-041223	TO-15	106-99-0	1,3-BUTADIENE	0.31 U		0.13	0.31	UG/M3	0.31 U	
EPD-UW-G-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84 U		0.18	0.84	UG/M3	0.84 U	
EPD-UW-G-041223	TO-15	123-91-1	1,4-DIOXANE	0.5 U		0.28	0.50	UG/M3	0.50 U	
EPD-UW-G-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.93 J		0.46	3.3	UG/M3	0.93 J	
EPD-UW-G-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.59 J		0.46	2.1	UG/M3	0.59 J	
EPD-UW-G-041223	TO-15	591-78-6	2-HEXANONE	2.9 U		0.58	2.9	UG/M3	2.9 U	
EPD-UW-G-041223	TO-15	67-63-0	2-PROPANOL	0.56 J		0.37	6.9	UG/M3	0.56 J	
EPD-UW-G-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.2 U		0.48	2.2	UG/M3	2.2 U	
EPD-UW-G-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.31 J		0.16	0.69	UG/M3	0.31 J	
EPD-UW-G-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57 U		0.12	0.57	UG/M3	0.57 U	
EPD-UW-G-041223	TO-15	67-64-1	ACETONE	6.4 J		0.94	6.6	UG/M3	6.4 J	
EPD-UW-G-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72 U		0.38	0.72	UG/M3	0.72 U	
EPD-UW-G-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94 U		0.20	0.94	UG/M3	0.94 U	
EPD-UW-G-041223	TO-15	75-25-2	BROMOFORM	1.4 U		0.33	1.4	UG/M3	1.4 U	
EPD-UW-G-041223	TO-15	74-83-9	BROMOMETHANE	27 U		2.1	27	UG/M3	27 U	
EPD-UW-G-041223	TO-15	75-15-0	CARBON DISULFIDE	0.86 J		0.29	2.2	UG/M3	2.2 U	
EPD-UW-G-041223	TO-15	108-90-7	CHLOROBENZENE	0.64 U		0.18	0.64	UG/M3	0.64 U	
EPD-UW-G-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64 U		0.19	0.64	UG/M3	0.64 U	
EPD-UW-G-041223	TO-15	98-82-8	CUMENE	0.69 U		0.10	0.69	UG/M3	0.69 U	
EPD-UW-G-041223	TO-15	110-82-7	CYCLOHEXANE	2.4 U		0.25	2.4	UG/M3	2.4 U	
EPD-UW-G-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2 U		0.24	1.2	UG/M3	1.2 U	
EPD-UW-G-041223	TO-15	64-17-5	ETHANOL	10		1.4	5.3	UG/M3	10	
EPD-UW-G-041223	TO-15	75-69-4	FREON 11	1		0.12	0.79	UG/M3	1.0	
EPD-UW-G-041223	TO-15	76-13-1	FREON 113	0.54 J		0.13	1.1	UG/M3	0.54 J	
EPD-UW-G-041223	TO-15	142-82-5	HEPTANE	0.87 J		0.58	2.9	UG/M3	0.87 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304210

Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-UW-G-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.63	7.5	UG/M3	7.5	U
EPD-UW-G-041223	TO-15	110-54-3	HEXANE	1.4	J	0.41	2.5	UG/M3	1.4	J
EPD-UW-G-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.42	J	0.37	0.97	UG/M3	0.42	J
EPD-UW-G-041223	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-UW-G-041223	TO-15	100-42-5	STYRENE	0.6	U	0.11	0.60	UG/M3	0.60	U
EPD-UW-G-041223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	1.3	2.1	UG/M3	2.1	U
EPD-UW-G-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-UW-G-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-G-041223	TO-15	106-97-8	BUTANE	5.4	NJ			PPBV	5.4	NJ
EPD-UW-G-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	6.5	NJ			PPBV	6.5	NJ
EPD-UW-G-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-G-041223	TO-15	96-37-7	CYCLOPENTANE, METHYL-	0.81	NJ			PPBV	0.81	NJ
EPD-UW-G-041223	TO-15	589-34-4	HEXANE, 3-METHYL-	0.96	NJ			PPBV	0.96	NJ
EPD-UW-G-041223	TO-15	75-28-5	ISOBUTANE	2.2	NJ			PPBV	2.2	NJ
EPD-UW-G-041223	TO-15	109-66-0	PENTANE	3.4	NJ			PPBV	3.4	NJ
EPD-UW-G-041223	TO-15	107-83-5	PENTANE, 2-METHYL-	2.1	NJ			PPBV	2.1	NJ
EPD-UW-G-041223	TO-15	96-14-0	PENTANE, 3-METHYL-	1.3	NJ			PPBV	1.3	NJ
EPD-UW-G-041223	TO-15	NA	UNKNOWN TIC	1.8	J			PPBV	1.8	J
EPD-UW-G-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-UW-G-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.032	0.19	UG/M3	0.19	U
EPD-UW-G-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.03	0.15	UG/M3	0.15	U
EPD-UW-G-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-UW-G-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-UW-G-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.048	0.22	UG/M3	0.22	U
EPD-UW-G-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.073	J	0.022	0.11	UG/M3	0.073	J
EPD-UW-G-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.092	0.17	UG/M3	0.17	U
EPD-UW-G-041223	TO-15 SIM	71-43-2	BENZENE	0.99		0.043	0.22	UG/M3	0.99	
EPD-UW-G-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.033	0.18	UG/M3	0.37	J-
EPD-UW-G-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-UW-G-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.081	J	0.022	0.14	UG/M3	0.081	J
EPD-UW-G-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.97	J	0.14	1.4	UG/M3	0.97	J
EPD-UW-G-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-UW-G-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.37		0.0086	0.12	UG/M3	0.37	
EPD-UW-G-041223	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.028	0.20	UG/M3	0.11	J
EPD-UW-G-041223	TO-15 SIM	75-71-8	FREON 12	1.9		0.020	0.35	UG/M3	1.9	

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EPD-UW-G-041223	TO-15 SIM	179601-23	M,P-XYLENE	1.4		0.018	0.24	UG/M3	1.4	
EPD-UW-G-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.019	0.50	UG/M3	0.50	U
EPD-UW-G-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.074	J	0.068	0.37	UG/M3	0.074	J
EPD-UW-G-041223	TO-15 SIM	95-47-6	O-XYLENE	0.66		0.015	0.12	UG/M3	0.66	
EPD-UW-G-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.12	J	0.0073	0.19	UG/M3	0.12	J
EPD-UW-G-041223	TO-15 SIM	108-88-3	TOLUENE	3.3		0.018	0.26	UG/M3	3.3	
EPD-UW-G-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.017	0.56	UG/M3	0.56	U
EPD-UW-G-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.021	J	0.013	0.15	UG/M3	0.021	J
EPD-UW-G-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036	U	0.026	0.036	UG/M3	0.036	U
EPD-WA-01-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	0.73	5.6	UG/M3	5.6	U
EPD-WA-01-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.71	J	0.18	0.74	UG/M3	0.71	J
EPD-WA-01-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.20	0.90	UG/M3	0.90	U
EPD-WA-01-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.24	0.69	UG/M3	0.69	U
EPD-WA-01-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.23	0.74	UG/M3	0.74	U
EPD-WA-01-041223	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.14	0.33	UG/M3	0.33	U
EPD-WA-01-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.19	0.90	UG/M3	0.90	U
EPD-WA-01-041223	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.30	0.54	UG/M3	0.54	U
EPD-WA-01-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	1.2	J	0.50	3.5	UG/M3	1.2	J
EPD-WA-01-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.92	J	0.50	2.2	UG/M3	0.92	J
EPD-WA-01-041223	TO-15	591-78-6	2-HEXANONE	3.1	U	0.62	3.1	UG/M3	3.1	U
EPD-WA-01-041223	TO-15	67-63-0	2-PROPANOL	7.4	U	0.40	7.4	UG/M3	7.4	U
EPD-WA-01-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.51	2.3	UG/M3	2.3	U
EPD-WA-01-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.8		0.17	0.74	UG/M3	0.80	
EPD-WA-01-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.13	0.61	UG/M3	0.61	U
EPD-WA-01-041223	TO-15	67-64-1	ACETONE	11		1.0	7.1	UG/M3	11	
EPD-WA-01-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.41	0.78	UG/M3	0.78	U
EPD-WA-01-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.21	1.0	UG/M3	1.0	U
EPD-WA-01-041223	TO-15	75-25-2	BROMOFORM	1.6	U	0.35	1.6	UG/M3	1.6	U
EPD-WA-01-041223	TO-15	74-83-9	BROMOMETHANE	29	U	2.2	29	UG/M3	29	U
EPD-WA-01-041223	TO-15	75-15-0	CARBON DISULFIDE	0.42	J	0.31	2.3	UG/M3	2.3	U
EPD-WA-01-041223	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.20	0.69	UG/M3	0.69	U
EPD-WA-01-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.21	0.68	UG/M3	0.68	U
EPD-WA-01-041223	TO-15	98-82-8	CUMENE	0.74	U	0.11	0.74	UG/M3	0.74	U
EPD-WA-01-041223	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.27	2.6	UG/M3	2.6	U

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EPD-WA-01-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.26	1.3	UG/M3	1.3	U
EPD-WA-01-041223	TO-15	64-17-5	ETHANOL	6.1		1.5	5.6	UG/M3	6.1	
EPD-WA-01-041223	TO-15	75-69-4	FREON 11	1		0.13	0.84	UG/M3	1.0	
EPD-WA-01-041223	TO-15	76-13-1	FREON 113	0.42	J	0.14	1.1	UG/M3	0.42	J
EPD-WA-01-041223	TO-15	142-82-5	HEPTANE	1	J	0.62	3.1	UG/M3	1.0	J
EPD-WA-01-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.67	8.0	UG/M3	8.0	U
EPD-WA-01-041223	TO-15	110-54-3	HEXANE	1.8	J	0.44	2.6	UG/M3	1.8	J
EPD-WA-01-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.44	J	0.39	1.0	UG/M3	0.44	J
EPD-WA-01-041223	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.27	0.74	UG/M3	0.74	U
EPD-WA-01-041223	TO-15	100-42-5	STYRENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-WA-01-041223	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	1.4	2.2	UG/M3	2.2	U
EPD-WA-01-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-01-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-041223	TO-15	141-32-2	2-PROPENOIC ACID, BUTYL ESTER	1	NJ			PPBV	1.0	NJ
EPD-WA-01-041223	TO-15	106-97-8	BUTANE	19	NJ			PPBV	19	NJ
EPD-WA-01-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	14	NJ			PPBV	14	NJ
EPD-WA-01-041223	TO-15	66-25-1	HEXANAL	3.1	NJ			PPBV	3.1	NJ
EPD-WA-01-041223	TO-15	75-28-5	ISOBUTANE	4.3	NJ			PPBV	4.3	NJ
EPD-WA-01-041223	TO-15	124-19-6	NONANAL	1.7	NJ			PPBV	1.7	NJ
EPD-WA-01-041223	TO-15	109-66-0	PENTANE	6.1	NJ			PPBV	6.1	NJ
EPD-WA-01-041223	TO-15	107-83-5	PENTANE, 2-METHYL-	3.2	NJ			PPBV	3.2	NJ
EPD-WA-01-041223	TO-15	96-14-0	PENTANE, 3-METHYL-	2.1	NJ			PPBV	2.1	NJ
EPD-WA-01-041223	TO-15	NA	UNKNOWN TIC	3.8	J			PPBV	3.8	J
EPD-WA-01-041223	TO-15	NA	UNKNOWN TIC	2.9	J			PPBV	2.9	J
EPD-WA-01-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-01-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.035	0.20	UG/M3	0.20	U
EPD-WA-01-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.033	0.16	UG/M3	0.16	U
EPD-WA-01-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.015	0.12	UG/M3	0.12	U
EPD-WA-01-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.030	0.059	UG/M3	0.059	U
EPD-WA-01-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.051	0.23	UG/M3	0.23	U
EPD-WA-01-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.024	0.12	UG/M3	0.069	J
EPD-WA-01-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.098	0.18	UG/M3	0.18	U
EPD-WA-01-041223	TO-15 SIM	71-43-2	BENZENE	2.8		0.046	0.24	UG/M3	2.8	
EPD-WA-01-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.035	0.19	UG/M3	0.36	J-
EPD-WA-01-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.12	0.20	UG/M3	0.20	U

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EPD-WA-01-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.073	J	0.023	0.15	UG/M3	0.073	J
EPD-WA-01-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.95	J	0.15	1.5	UG/M3	0.95	J
EPD-WA-01-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.026	0.12	UG/M3	0.12	U
EPD-WA-01-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.91		0.0092	0.13	UG/M3	0.91	
EPD-WA-01-041223	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.030	0.21	UG/M3	0.10	J
EPD-WA-01-041223	TO-15 SIM	75-71-8	FREON 12	1.8		0.021	0.37	UG/M3	1.8	
EPD-WA-01-041223	TO-15 SIM	179601-23	M,P-XYLENE	2.2		0.019	0.26	UG/M3	2.2	
EPD-WA-01-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.020	0.54	UG/M3	0.54	U
EPD-WA-01-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.27	J	0.073	0.39	UG/M3	0.27	J
EPD-WA-01-041223	TO-15 SIM	95-47-6	O-XYLENE	0.84		0.016	0.13	UG/M3	0.84	
EPD-WA-01-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.12	J	0.0078	0.20	UG/M3	0.12	J
EPD-WA-01-041223	TO-15 SIM	108-88-3	TOLUENE	4.8		0.019	0.28	UG/M3	4.8	
EPD-WA-01-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	3.9		0.018	0.59	UG/M3	3.9	
EPD-WA-01-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.014	0.16	UG/M3	0.16	U
EPD-WA-01-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.97		0.028	0.038	UG/M3	0.97	
EPD-WA-02-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	0.73	5.6	UG/M3	5.6	U
EPD-WA-02-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.74	U	0.18	0.74	UG/M3	0.74	U
EPD-WA-02-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.9	U	0.20	0.90	UG/M3	0.90	U
EPD-WA-02-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.24	0.69	UG/M3	0.69	U
EPD-WA-02-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.23	0.74	UG/M3	0.74	U
EPD-WA-02-041223	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.14	0.33	UG/M3	0.33	U
EPD-WA-02-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.9	U	0.19	0.90	UG/M3	0.90	U
EPD-WA-02-041223	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.30	0.54	UG/M3	0.54	U
EPD-WA-02-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.50	3.5	UG/M3	3.5	U
EPD-WA-02-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.84	J	0.50	2.2	UG/M3	0.84	J
EPD-WA-02-041223	TO-15	591-78-6	2-HEXANONE	3.1	U	0.62	3.1	UG/M3	3.1	U
EPD-WA-02-041223	TO-15	67-63-0	2-PROPANOL	1.1	J	0.40	7.4	UG/M3	1.1	J
EPD-WA-02-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.51	2.3	UG/M3	2.3	U
EPD-WA-02-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.74	U	0.17	0.74	UG/M3	0.74	U
EPD-WA-02-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.13	0.61	UG/M3	0.61	U
EPD-WA-02-041223	TO-15	67-64-1	ACETONE	11		1.0	7.1	UG/M3	11	
EPD-WA-02-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.41	0.78	UG/M3	0.78	U
EPD-WA-02-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	1	U	0.21	1.0	UG/M3	1.0	U
EPD-WA-02-041223	TO-15	75-25-2	BROMOFORM	1.6	U	0.35	1.6	UG/M3	1.6	U

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EPD-WA-02-041223	TO-15	74-83-9	BROMOMETHANE	29	U	2.2	29	UG/M3	29	U
EPD-WA-02-041223	TO-15	75-15-0	CARBON DISULFIDE	0.56	J	0.31	2.3	UG/M3	2.3	U
EPD-WA-02-041223	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.20	0.69	UG/M3	0.69	U
EPD-WA-02-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.21	0.68	UG/M3	0.68	U
EPD-WA-02-041223	TO-15	98-82-8	CUMENE	0.74	U	0.11	0.74	UG/M3	0.74	U
EPD-WA-02-041223	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.27	2.6	UG/M3	2.6	U
EPD-WA-02-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.26	1.3	UG/M3	1.3	U
EPD-WA-02-041223	TO-15	64-17-5	ETHANOL	2.9	J	1.5	5.6	UG/M3	2.9	J
EPD-WA-02-041223	TO-15	75-69-4	FREON 11	1		0.13	0.84	UG/M3	1.0	
EPD-WA-02-041223	TO-15	76-13-1	FREON 113	0.41	J	0.14	1.1	UG/M3	0.41	J
EPD-WA-02-041223	TO-15	142-82-5	HEPTANE	3.1	U	0.62	3.1	UG/M3	3.1	U
EPD-WA-02-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	8	U	0.67	8.0	UG/M3	8.0	U
EPD-WA-02-041223	TO-15	110-54-3	HEXANE	2.6	U	0.44	2.6	UG/M3	2.6	U
EPD-WA-02-041223	TO-15	75-09-2	METHYLENE CHLORIDE	1	U	0.39	1.0	UG/M3	1.0	U
EPD-WA-02-041223	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.27	0.74	UG/M3	0.74	U
EPD-WA-02-041223	TO-15	100-42-5	STYRENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-WA-02-041223	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	1.4	2.2	UG/M3	2.2	U
EPD-WA-02-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.18	0.68	UG/M3	0.68	U
EPD-WA-02-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-041223	TO-15	106-97-8	BUTANE	2.4	NJ			PPBV	2.4	NJ
EPD-WA-02-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	2	NJ			PPBV	2.0	NJ
EPD-WA-02-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-041223	TO-15	75-28-5	ISOBUTANE	0.96	NJ			PPBV	0.96	NJ
EPD-WA-02-041223	TO-15	109-66-0	PENTANE	1.2	NJ			PPBV	1.2	NJ
EPD-WA-02-041223	TO-15	NA	UNKNOWN TIC	2.6	J			PPBV	2.6	J
EPD-WA-02-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-02-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.035	0.20	UG/M3	0.20	U
EPD-WA-02-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.033	0.16	UG/M3	0.16	U
EPD-WA-02-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.015	0.12	UG/M3	0.12	U
EPD-WA-02-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.030	0.059	UG/M3	0.059	U
EPD-WA-02-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.051	0.23	UG/M3	0.23	U
EPD-WA-02-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.073	J	0.024	0.12	UG/M3	0.073	J
EPD-WA-02-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.098	0.18	UG/M3	0.18	U
EPD-WA-02-041223	TO-15 SIM	71-43-2	BENZENE	0.7		0.046	0.24	UG/M3	0.70	
EPD-WA-02-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.38		0.035	0.19	UG/M3	0.38	J-

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-02-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.2	U	0.12	0.20	UG/M3	0.20	U
EPD-WA-02-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.064	J	0.023	0.15	UG/M3	0.064	J
EPD-WA-02-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.15	1.5	UG/M3	1.0	J
EPD-WA-02-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.026	0.12	UG/M3	0.12	U
EPD-WA-02-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13		0.0092	0.13	UG/M3	0.13	
EPD-WA-02-041223	TO-15 SIM	76-14-2	FREON 114	0.099	J	0.03	0.21	UG/M3	0.099	J
EPD-WA-02-041223	TO-15 SIM	75-71-8	FREON 12	1.9		0.021	0.37	UG/M3	1.9	
EPD-WA-02-041223	TO-15 SIM	179601-23	M,P-XYLENE	0.46		0.019	0.26	UG/M3	0.46	
EPD-WA-02-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.02	0.54	UG/M3	0.54	U
EPD-WA-02-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.091	J	0.073	0.39	UG/M3	0.091	J
EPD-WA-02-041223	TO-15 SIM	95-47-6	O-XYLENE	0.17		0.016	0.13	UG/M3	0.17	
EPD-WA-02-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.17	J	0.0078	0.20	UG/M3	0.17	J
EPD-WA-02-041223	TO-15 SIM	108-88-3	TOLUENE	1		0.019	0.28	UG/M3	1.0	
EPD-WA-02-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.018	0.59	UG/M3	0.59	U
EPD-WA-02-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.014	0.16	UG/M3	0.16	U
EPD-WA-02-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.2		0.028	0.038	UG/M3	0.20	
EPD-WA-03-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	0.66	5.0	UG/M3	5.0	U
EPD-WA-03-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.18	J	0.16	0.66	UG/M3	0.18	J
EPD-WA-03-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.8	U	0.17	0.80	UG/M3	0.80	U
EPD-WA-03-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62	U	0.22	0.62	UG/M3	0.62	U
EPD-WA-03-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-WA-03-041223	TO-15	106-99-0	1,3-BUTADIENE	0.3	U	0.12	0.30	UG/M3	0.30	U
EPD-WA-03-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.8	U	0.17	0.80	UG/M3	0.80	U
EPD-WA-03-041223	TO-15	123-91-1	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-WA-03-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-WA-03-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.96	J	0.44	2.0	UG/M3	0.96	J
EPD-WA-03-041223	TO-15	591-78-6	2-HEXANONE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-WA-03-041223	TO-15	67-63-0	2-PROPANOL	0.99	J	0.35	6.6	UG/M3	0.99	J
EPD-WA-03-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-WA-03-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.17	J	0.16	0.66	UG/M3	0.17	J
EPD-WA-03-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.41	J	0.12	0.55	UG/M3	0.41	J
EPD-WA-03-041223	TO-15	67-64-1	ACETONE	13		0.90	6.4	UG/M3	13	
EPD-WA-03-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69	U	0.36	0.69	UG/M3	0.69	U
EPD-WA-03-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.9	U	0.19	0.90	UG/M3	0.90	U

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-03-041223	TO-15	75-25-2	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-WA-03-041223	TO-15	74-83-9	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-03-041223	TO-15	75-15-0	CARBON DISULFIDE	0.8	J	0.27	2.1	UG/M3	2.1	U
EPD-WA-03-041223	TO-15	108-90-7	CHLOROBENZENE	0.62	U	0.18	0.62	UG/M3	0.62	U
EPD-WA-03-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-WA-03-041223	TO-15	98-82-8	CUMENE	0.66	U	0.099	0.66	UG/M3	0.66	U
EPD-WA-03-041223	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-WA-03-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-WA-03-041223	TO-15	64-17-5	ETHANOL	2.9	J	1.4	5.0	UG/M3	2.9	J
EPD-WA-03-041223	TO-15	75-69-4	FREON 11	1.1		0.12	0.75	UG/M3	1.1	
EPD-WA-03-041223	TO-15	76-13-1	FREON 113	0.48	J	0.13	1.0	UG/M3	0.48	J
EPD-WA-03-041223	TO-15	142-82-5	HEPTANE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-WA-03-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1	U	0.60	7.1	UG/M3	7.1	U
EPD-WA-03-041223	TO-15	110-54-3	HEXANE	0.47	J	0.39	2.4	UG/M3	0.47	J
EPD-WA-03-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.52	J	0.35	0.93	UG/M3	0.52	J
EPD-WA-03-041223	TO-15	103-65-1	PROPYLBENZENE	0.66	U	0.24	0.66	UG/M3	0.66	U
EPD-WA-03-041223	TO-15	100-42-5	STYRENE	0.57	U	0.11	0.57	UG/M3	0.57	U
EPD-WA-03-041223	TO-15	109-99-9	TETRAHYDROFURAN	2	U	1.3	2.0	UG/M3	2.0	U
EPD-WA-03-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.16	0.61	UG/M3	0.61	U
EPD-WA-03-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-041223	TO-15	123-72-8	BUTANAL	1.2	NJ			PPBV	1.2	NJ
EPD-WA-03-041223	TO-15	106-97-8	BUTANE	2.2	NJ			PPBV	2.2	NJ
EPD-WA-03-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	1.7	NJ			PPBV	1.7	NJ
EPD-WA-03-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-041223	TO-15	69775-79-7	ETHER, HEXYL T-BUTYL	1.3	NJ			PPBV	1.3	NJ
EPD-WA-03-041223	TO-15	111-71-7	HEPTANAL	1.1	NJ			PPBV	1.1	NJ
EPD-WA-03-041223	TO-15	66-25-1	HEXANAL	3.5	NJ			PPBV	3.5	NJ
EPD-WA-03-041223	TO-15	75-28-5	ISOBUTANE	1	NJ			PPBV	1.0	NJ
EPD-WA-03-041223	TO-15	124-19-6	NONANAL	14	NJ			PPBV	14	NJ
EPD-WA-03-041223	TO-15	124-13-0	OCTANAL	2.2	NJ			PPBV	2.2	NJ
EPD-WA-03-041223	TO-15	NA	UNKNOWN TIC	2.4	J			PPBV	2.4	J
EPD-WA-03-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-WA-03-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.031	0.18	UG/M3	0.18	U
EPD-WA-03-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-WA-03-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-03-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053	U	0.027	0.053	UG/M3	0.053	U
EPD-WA-03-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2	U	0.046	0.20	UG/M3	0.20	U
EPD-WA-03-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.072	J	0.021	0.11	UG/M3	0.072	J
EPD-WA-03-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.088	0.16	UG/M3	0.16	U
EPD-WA-03-041223	TO-15 SIM	71-43-2	BENZENE	0.62		0.041	0.21	UG/M3	0.62	
EPD-WA-03-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.031	0.17	UG/M3	0.41	J-
EPD-WA-03-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-03-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.075	J	0.021	0.13	UG/M3	0.075	J
EPD-WA-03-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.14	1.4	UG/M3	1.0	J
EPD-WA-03-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.023	0.11	UG/M3	0.11	U
EPD-WA-03-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.13		0.0083	0.12	UG/M3	0.13	
EPD-WA-03-041223	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.026	0.19	UG/M3	0.10	J
EPD-WA-03-041223	TO-15 SIM	75-71-8	FREON 12	2		0.019	0.33	UG/M3	2.0	
EPD-WA-03-041223	TO-15 SIM	179601-23	M,P-XYLENE	0.49		0.017	0.23	UG/M3	0.49	
EPD-WA-03-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-WA-03-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.11	J	0.066	0.35	UG/M3	0.11	J
EPD-WA-03-041223	TO-15 SIM	95-47-6	O-XYLENE	0.18		0.014	0.12	UG/M3	0.18	
EPD-WA-03-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.1	J	0.007	0.18	UG/M3	0.10	J
EPD-WA-03-041223	TO-15 SIM	108-88-3	TOLUENE	1		0.017	0.25	UG/M3	1.0	
EPD-WA-03-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.078	J	0.016	0.53	UG/M3	0.078	J
EPD-WA-03-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-03-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.063		0.025	0.034	UG/M3	0.063	
EPD-WA-04-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	0.72	5.4	UG/M3	5.4	U
EPD-WA-04-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.31	J	0.17	0.72	UG/M3	0.31	J
EPD-WA-04-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-04-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.24	0.67	UG/M3	0.67	U
EPD-WA-04-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.22	0.72	UG/M3	0.72	U
EPD-WA-04-041223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.13	0.32	UG/M3	0.32	U
EPD-WA-04-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.18	0.88	UG/M3	0.88	U
EPD-WA-04-041223	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.29	0.53	UG/M3	0.53	U
EPD-WA-04-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.62	J	0.48	3.4	UG/M3	0.62	J
EPD-WA-04-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.57	J	0.48	2.2	UG/M3	0.57	J
EPD-WA-04-041223	TO-15	591-78-6	2-HEXANONE	3	U	0.61	3.0	UG/M3	3.0	U
EPD-WA-04-041223	TO-15	67-63-0	2-PROPANOL	7.2	U	0.38	7.2	UG/M3	7.2	U

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-04-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.50	2.3	UG/M3	2.3	U
EPD-WA-04-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.29	J	0.17	0.72	UG/M3	0.29	J
EPD-WA-04-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.13	0.60	UG/M3	0.60	U
EPD-WA-04-041223	TO-15	67-64-1	ACETONE	7.5		0.98	6.9	UG/M3	7.5	
EPD-WA-04-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.40	0.76	UG/M3	0.76	U
EPD-WA-04-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.21	0.98	UG/M3	0.98	U
EPD-WA-04-041223	TO-15	75-25-2	BROMOFORM	1.5	U	0.34	1.5	UG/M3	1.5	U
EPD-WA-04-041223	TO-15	74-83-9	BROMOMETHANE	28	U	2.2	28	UG/M3	28	U
EPD-WA-04-041223	TO-15	75-15-0	CARBON DISULFIDE	0.47	J	0.30	2.3	UG/M3	2.3	U
EPD-WA-04-041223	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-04-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-WA-04-041223	TO-15	98-82-8	CUMENE	0.72	U	0.11	0.72	UG/M3	0.72	U
EPD-WA-04-041223	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.26	2.5	UG/M3	2.5	U
EPD-WA-04-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.25	1.2	UG/M3	1.2	U
EPD-WA-04-041223	TO-15	64-17-5	ETHANOL	4.6	J	1.5	5.5	UG/M3	4.6	J
EPD-WA-04-041223	TO-15	75-69-4	FREON 11	1		0.12	0.82	UG/M3	1.0	
EPD-WA-04-041223	TO-15	76-13-1	FREON 113	0.4	J	0.14	1.1	UG/M3	0.40	J
EPD-WA-04-041223	TO-15	142-82-5	HEPTANE	3	U	0.60	3.0	UG/M3	3.0	U
EPD-WA-04-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.65	7.8	UG/M3	7.8	U
EPD-WA-04-041223	TO-15	110-54-3	HEXANE	1	J	0.43	2.6	UG/M3	1.0	J
EPD-WA-04-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.55	J	0.38	1.0	UG/M3	0.55	J
EPD-WA-04-041223	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.26	0.72	UG/M3	0.72	U
EPD-WA-04-041223	TO-15	100-42-5	STYRENE	0.62	U	0.12	0.62	UG/M3	0.62	U
EPD-WA-04-041223	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	1.4	2.2	UG/M3	2.2	U
EPD-WA-04-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-04-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-041223	TO-15	106-97-8	BUTANE	8.1	NJ			PPBV	8.1	NJ
EPD-WA-04-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	6.7	NJ			PPBV	6.7	NJ
EPD-WA-04-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-041223	TO-15	75-28-5	ISOBUTANE	2.2	NJ			PPBV	2.2	NJ
EPD-WA-04-041223	TO-15	109-66-0	PENTANE	3.5	NJ			PPBV	3.5	NJ
EPD-WA-04-041223	TO-15	107-83-5	PENTANE, 2-METHYL-	1.7	NJ			PPBV	1.7	NJ
EPD-WA-04-041223	TO-15	96-14-0	PENTANE, 3-METHYL-	1.2	NJ			PPBV	1.2	NJ
EPD-WA-04-041223	TO-15	1066-40-6	SILANOL, TRIMETHYL-	2.1	NJ			PPBV	2.1	NJ
EPD-WA-04-041223	TO-15	NA	UNKNOWN TIC	1.8	J			PPBV	1.8	J

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-04-041223	TO-15	NA	UNKNOWN TIC	1.2	J			PPBV	1.2	J
EPD-WA-04-041223	TO-15	NA	UNKNOWN TIC	6.9	J			PPBV	6.9	J
EPD-WA-04-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-04-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.034	0.20	UG/M3	0.20	U
EPD-WA-04-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.032	0.16	UG/M3	0.16	U
EPD-WA-04-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.015	0.12	UG/M3	0.12	U
EPD-WA-04-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.029	0.058	UG/M3	0.058	U
EPD-WA-04-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.05	0.22	UG/M3	0.22	U
EPD-WA-04-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.069	J	0.023	0.12	UG/M3	0.069	J
EPD-WA-04-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.096	0.18	UG/M3	0.18	U
EPD-WA-04-041223	TO-15 SIM	71-43-2	BENZENE	1.6		0.045	0.23	UG/M3	1.6	
EPD-WA-04-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.034	0.18	UG/M3	0.37	J-
EPD-WA-04-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.12	0.19	UG/M3	0.19	U
EPD-WA-04-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.022	0.14	UG/M3	0.068	J
EPD-WA-04-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.15	1.5	UG/M3	0.96	J
EPD-WA-04-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.025	0.12	UG/M3	0.12	U
EPD-WA-04-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.24		0.009	0.13	UG/M3	0.24	
EPD-WA-04-041223	TO-15 SIM	76-14-2	FREON 114	0.091	J	0.029	0.20	UG/M3	0.091	J
EPD-WA-04-041223	TO-15 SIM	75-71-8	FREON 12	1.9		0.021	0.36	UG/M3	1.9	
EPD-WA-04-041223	TO-15 SIM	179601-23	M,P-XYLENE	0.84		0.018	0.25	UG/M3	0.84	
EPD-WA-04-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.020	0.53	UG/M3	0.53	U
EPD-WA-04-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.11	J	0.071	0.38	UG/M3	0.11	J
EPD-WA-04-041223	TO-15 SIM	95-47-6	O-XYLENE	0.34		0.015	0.13	UG/M3	0.34	
EPD-WA-04-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.087	J	0.0076	0.20	UG/M3	0.087	J
EPD-WA-04-041223	TO-15 SIM	108-88-3	TOLUENE	1.7		0.018	0.28	UG/M3	1.7	
EPD-WA-04-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	10		0.018	0.58	UG/M3	10	
EPD-WA-04-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.035	J	0.014	0.16	UG/M3	0.035	J
EPD-WA-04-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.48		0.027	0.037	UG/M3	0.48	
EPD-WA-05-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.4	U	0.72	5.4	UG/M3	5.4	U
EPD-WA-05-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.25	J	0.17	0.72	UG/M3	0.25	J
EPD-WA-05-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-05-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.67	U	0.24	0.67	UG/M3	0.67	U
EPD-WA-05-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.72	U	0.22	0.72	UG/M3	0.72	U
EPD-WA-05-041223	TO-15	106-99-0	1,3-BUTADIENE	0.32	U	0.13	0.32	UG/M3	0.32	U

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-05-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.88	U	0.18	0.88	UG/M3	0.88	U
EPD-WA-05-041223	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.29	0.53	UG/M3	0.53	U
EPD-WA-05-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.58	J	0.48	3.4	UG/M3	0.58	J
EPD-WA-05-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.64	J	0.48	2.2	UG/M3	0.64	J
EPD-WA-05-041223	TO-15	591-78-6	2-HEXANONE	3	U	0.61	3.0	UG/M3	3.0	U
EPD-WA-05-041223	TO-15	67-63-0	2-PROPANOL	0.6	J	0.38	7.2	UG/M3	0.6	J
EPD-WA-05-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.50	2.3	UG/M3	2.3	U
EPD-WA-05-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.25	J	0.17	0.72	UG/M3	0.25	J
EPD-WA-05-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.6	U	0.13	0.60	UG/M3	0.60	U
EPD-WA-05-041223	TO-15	67-64-1	ACETONE	7.3		0.98	6.9	UG/M3	7.3	
EPD-WA-05-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.76	U	0.40	0.76	UG/M3	0.76	U
EPD-WA-05-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.98	U	0.21	0.98	UG/M3	0.98	U
EPD-WA-05-041223	TO-15	75-25-2	BROMOFORM	1.5	U	0.34	1.5	UG/M3	1.5	U
EPD-WA-05-041223	TO-15	74-83-9	BROMOMETHANE	28	U	2.2	28	UG/M3	28	U
EPD-WA-05-041223	TO-15	75-15-0	CARBON DISULFIDE	0.75	J	0.30	2.3	UG/M3	2.3	U
EPD-WA-05-041223	TO-15	108-90-7	CHLOROBENZENE	0.67	U	0.19	0.67	UG/M3	0.67	U
EPD-WA-05-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-WA-05-041223	TO-15	98-82-8	CUMENE	0.72	U	0.11	0.72	UG/M3	0.72	U
EPD-WA-05-041223	TO-15	110-82-7	CYCLOHEXANE	2.5	U	0.26	2.5	UG/M3	2.5	U
EPD-WA-05-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.25	1.2	UG/M3	1.2	U
EPD-WA-05-041223	TO-15	64-17-5	ETHANOL	5.6		1.5	5.5	UG/M3	5.6	
EPD-WA-05-041223	TO-15	75-69-4	FREON 11	1.1		0.12	0.82	UG/M3	1.1	
EPD-WA-05-041223	TO-15	76-13-1	FREON 113	0.43	J	0.14	1.1	UG/M3	0.43	J
EPD-WA-05-041223	TO-15	142-82-5	HEPTANE	3	U	0.60	3.0	UG/M3	3.0	U
EPD-WA-05-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.8	U	0.65	7.8	UG/M3	7.8	U
EPD-WA-05-041223	TO-15	110-54-3	HEXANE	0.8	J	0.43	2.6	UG/M3	0.80	J
EPD-WA-05-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.5	J	0.38	1.0	UG/M3	0.50	J
EPD-WA-05-041223	TO-15	103-65-1	PROPYLBENZENE	0.72	U	0.26	0.72	UG/M3	0.72	U
EPD-WA-05-041223	TO-15	100-42-5	STYRENE	0.62	U	0.12	0.62	UG/M3	0.62	U
EPD-WA-05-041223	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	1.4	2.2	UG/M3	2.2	U
EPD-WA-05-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.66	U	0.18	0.66	UG/M3	0.66	U
EPD-WA-05-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-041223	TO-15	106-97-8	BUTANE	4	NJ			PPBV	4.0	NJ
EPD-WA-05-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	3.7	NJ			PPBV	3.7	NJ
EPD-WA-05-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-05-041223	TO-15	75-28-5	ISOBUTANE	1.7	NJ			PPBV	1.7	NJ
EPD-WA-05-041223	TO-15	109-66-0	PENTANE	2	NJ			PPBV	2.0	NJ
EPD-WA-05-041223	TO-15	107-83-5	PENTANE, 2-METHYL-	1.2	NJ			PPBV	1.2	NJ
EPD-WA-05-041223	TO-15	96-14-0	PENTANE, 3-METHYL-	0.8	NJ			PPBV	0.80	NJ
EPD-WA-05-041223	TO-15	NA	UNKNOWN TIC	1.9	J			PPBV	1.9	J
EPD-WA-05-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.022	0.16	UG/M3	0.16	U
EPD-WA-05-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	U	0.034	0.20	UG/M3	0.20	U
EPD-WA-05-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.032	0.16	UG/M3	0.16	U
EPD-WA-05-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.015	0.12	UG/M3	0.12	U
EPD-WA-05-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.058	U	0.029	0.058	UG/M3	0.058	U
EPD-WA-05-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.050	0.22	UG/M3	0.22	U
EPD-WA-05-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.075	J	0.023	0.12	UG/M3	0.075	J
EPD-WA-05-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.096	0.18	UG/M3	0.18	U
EPD-WA-05-041223	TO-15 SIM	71-43-2	BENZENE	0.77		0.045	0.23	UG/M3	0.77	
EPD-WA-05-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.39		0.034	0.18	UG/M3	0.39	J-
EPD-WA-05-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.12	0.19	UG/M3	0.19	U
EPD-WA-05-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.08	J	0.022	0.14	UG/M3	0.080	J
EPD-WA-05-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.15	1.5	UG/M3	1.0	J
EPD-WA-05-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.025	0.12	UG/M3	0.12	U
EPD-WA-05-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.26		0.009	0.13	UG/M3	0.26	
EPD-WA-05-041223	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.029	0.20	UG/M3	0.10	J
EPD-WA-05-041223	TO-15 SIM	75-71-8	FREON 12	2		0.021	0.36	UG/M3	2.0	
EPD-WA-05-041223	TO-15 SIM	179601-23	M,P-XYLENE	0.96		0.018	0.25	UG/M3	0.96	
EPD-WA-05-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.020	0.53	UG/M3	0.53	U
EPD-WA-05-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.071	0.38	UG/M3	0.13	J
EPD-WA-05-041223	TO-15 SIM	95-47-6	O-XYLENE	0.5		0.015	0.13	UG/M3	0.50	
EPD-WA-05-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.26		0.0076	0.20	UG/M3	0.26	
EPD-WA-05-041223	TO-15 SIM	108-88-3	TOLUENE	2.6		0.018	0.28	UG/M3	2.6	
EPD-WA-05-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.019	J	0.018	0.58	UG/M3	0.019	J
EPD-WA-05-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.039	J	0.014	0.16	UG/M3	0.039	J
EPD-WA-05-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.037	U	0.027	0.037	UG/M3	0.037	U
EPD-WA-06-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	4.9	U	0.65	4.9	UG/M3	4.9	U
EPD-WA-06-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.31	J	0.16	0.65	UG/M3	0.31	J
EPD-WA-06-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.79	U	0.17	0.79	UG/M3	0.79	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-06-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.61	U	0.21	0.61	UG/M3	0.61	U
EPD-WA-06-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.65	U	0.20	0.65	UG/M3	0.65	U
EPD-WA-06-041223	TO-15	106-99-0	1,3-BUTADIENE	0.29	U	0.12	0.29	UG/M3	0.29	U
EPD-WA-06-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.79	U	0.16	0.79	UG/M3	0.79	U
EPD-WA-06-041223	TO-15	123-91-1	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-WA-06-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.74	J	0.44	3.1	UG/M3	0.74	J
EPD-WA-06-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.61	J	0.44	1.9	UG/M3	0.61	J
EPD-WA-06-041223	TO-15	591-78-6	2-HEXANONE	2.7	U	0.55	2.7	UG/M3	2.7	U
EPD-WA-06-041223	TO-15	67-63-0	2-PROPANOL	0.58	J	0.35	6.5	UG/M3	0.58	J
EPD-WA-06-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.45	2.1	UG/M3	2.1	U
EPD-WA-06-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.25	J	0.15	0.65	UG/M3	0.25	J
EPD-WA-06-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.54	U	0.11	0.54	UG/M3	0.54	U
EPD-WA-06-041223	TO-15	67-64-1	ACETONE	8		0.89	6.3	UG/M3	8.0	
EPD-WA-06-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.68	U	0.36	0.68	UG/M3	0.68	U
EPD-WA-06-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-06-041223	TO-15	75-25-2	BROMOFORM	1.4	U	0.31	1.4	UG/M3	1.4	U
EPD-WA-06-041223	TO-15	74-83-9	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-06-041223	TO-15	75-15-0	CARBON DISULFIDE	0.53	J	0.27	2.0	UG/M3	2.0	U
EPD-WA-06-041223	TO-15	108-90-7	CHLOROBENZENE	0.61	U	0.17	0.61	UG/M3	0.61	U
EPD-WA-06-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.6	U	0.18	0.6	UG/M3	0.60	U
EPD-WA-06-041223	TO-15	98-82-8	CUMENE	0.65	U	0.098	0.65	UG/M3	0.65	U
EPD-WA-06-041223	TO-15	110-82-7	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-WA-06-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-WA-06-041223	TO-15	64-17-5	ETHANOL	12		1.3	5.0	UG/M3	12	
EPD-WA-06-041223	TO-15	75-69-4	FREON 11	1.1		0.11	0.74	UG/M3	1.1	
EPD-WA-06-041223	TO-15	76-13-1	FREON 113	0.41	J	0.13	1.0	UG/M3	0.41	J
EPD-WA-06-041223	TO-15	142-82-5	HEPTANE	0.73	J	0.55	2.7	UG/M3	0.73	J
EPD-WA-06-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7	U	0.59	7.0	UG/M3	7.0	U
EPD-WA-06-041223	TO-15	110-54-3	HEXANE	0.82	J	0.39	2.3	UG/M3	0.82	J
EPD-WA-06-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.36	J	0.34	0.92	UG/M3	0.36	J
EPD-WA-06-041223	TO-15	103-65-1	PROPYLBENZENE	0.65	U	0.24	0.65	UG/M3	0.65	U
EPD-WA-06-041223	TO-15	100-42-5	STYRENE	0.56	U	0.1	0.56	UG/M3	0.56	U
EPD-WA-06-041223	TO-15	109-99-9	TETRAHYDROFURAN	1.9	U	1.2	1.9	UG/M3	1.9	U
EPD-WA-06-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.6	U	0.16	0.60	UG/M3	0.60	U
EPD-WA-06-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-06-041223	TO-15	106-97-8	BUTANE	4	NJ			PPBV	4.0	NJ
EPD-WA-06-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	4	NJ			PPBV	4.0	NJ
EPD-WA-06-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-041223	TO-15	589-34-4	HEXANE, 3-METHYL-	0.78	NJ			PPBV	0.78	NJ
EPD-WA-06-041223	TO-15	75-28-5	ISOBUTANE	2.2	NJ			PPBV	2.2	NJ
EPD-WA-06-041223	TO-15	109-66-0	PENTANE	2.2	NJ			PPBV	2.2	NJ
EPD-WA-06-041223	TO-15	107-83-5	PENTANE, 2-METHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-06-041223	TO-15	96-14-0	PENTANE, 3-METHYL-	0.9	NJ			PPBV	0.90	NJ
EPD-WA-06-041223	TO-15	NA	UNKNOWN TIC	1.4	J			PPBV	1.4	J
EPD-WA-06-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.14	U	0.020	0.14	UG/M3	0.14	U
EPD-WA-06-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.030	0.18	UG/M3	0.18	U
EPD-WA-06-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.14	U	0.029	0.14	UG/M3	0.14	U
EPD-WA-06-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-WA-06-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.052	U	0.026	0.052	UG/M3	0.052	U
EPD-WA-06-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.2	U	0.045	0.20	UG/M3	0.20	U
EPD-WA-06-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.075	J	0.021	0.11	UG/M3	0.075	J
EPD-WA-06-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.086	0.16	UG/M3	0.16	U
EPD-WA-06-041223	TO-15 SIM	71-43-2	BENZENE	1.2		0.041	0.21	UG/M3	1.2	
EPD-WA-06-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.37		0.031	0.17	UG/M3	0.37	J-
EPD-WA-06-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.17	U	0.11	0.17	UG/M3	0.17	U
EPD-WA-06-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.071	J	0.02	0.13	UG/M3	0.071	J
EPD-WA-06-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	0.92	J	0.13	1.4	UG/M3	0.92	J
EPD-WA-06-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.1	U	0.022	0.10	UG/M3	0.10	U
EPD-WA-06-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.25		0.0081	0.11	UG/M3	0.25	
EPD-WA-06-041223	TO-15 SIM	76-14-2	FREON 114	0.097	J	0.026	0.18	UG/M3	0.097	J
EPD-WA-06-041223	TO-15 SIM	75-71-8	FREON 12	1.8		0.019	0.33	UG/M3	1.8	
EPD-WA-06-041223	TO-15 SIM	179601-23	M,P-XYLENE	0.93		0.017	0.23	UG/M3	0.93	
EPD-WA-06-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-WA-06-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.27	J	0.065	0.34	UG/M3	0.27	J
EPD-WA-06-041223	TO-15 SIM	95-47-6	O-XYLENE	0.36		0.014	0.11	UG/M3	0.36	
EPD-WA-06-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.29		0.0069	0.18	UG/M3	0.29	
EPD-WA-06-041223	TO-15 SIM	108-88-3	TOLUENE	1.9		0.016	0.25	UG/M3	1.9	
EPD-WA-06-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.52	U	0.016	0.52	UG/M3	0.52	U
EPD-WA-06-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U

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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-06-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.22		0.024	0.034	UG/M3	0.22	
EPD-WA-55-041223	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	0.68	5.2	UG/M3	5.2	U
EPD-WA-55-041223	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.27	J	0.16	0.69	UG/M3	0.27	J
EPD-WA-55-041223	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-55-041223	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.23	0.65	UG/M3	0.65	U
EPD-WA-55-041223	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.21	0.69	UG/M3	0.69	U
EPD-WA-55-041223	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-55-041223	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-55-041223	TO-15	123-91-1	1,4-DIOXANE	0.5	U	0.28	0.50	UG/M3	0.50	U
EPD-WA-55-041223	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.64	J	0.46	3.3	UG/M3	0.64	J
EPD-WA-55-041223	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.66	J	0.46	2.1	UG/M3	0.66	J
EPD-WA-55-041223	TO-15	591-78-6	2-HEXANONE	2.9	U	0.58	2.9	UG/M3	2.9	U
EPD-WA-55-041223	TO-15	67-63-0	2-PROPANOL	1.2	J	0.37	6.9	UG/M3	1.2	J
EPD-WA-55-041223	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.48	2.2	UG/M3	2.2	U
EPD-WA-55-041223	TO-15	622-96-8	4-ETHYLTOLUENE	0.24	J	0.16	0.69	UG/M3	0.24	J
EPD-WA-55-041223	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.12	0.57	UG/M3	0.57	U
EPD-WA-55-041223	TO-15	67-64-1	ACETONE	11		0.94	6.6	UG/M3	11	
EPD-WA-55-041223	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.38	0.72	UG/M3	0.72	U
EPD-WA-55-041223	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.20	0.94	UG/M3	0.94	U
EPD-WA-55-041223	TO-15	75-25-2	BROMOFORM	1.4	U	0.33	1.4	UG/M3	1.4	U
EPD-WA-55-041223	TO-15	74-83-9	BROMOMETHANE	27	U	2.1	27	UG/M3	27	U
EPD-WA-55-041223	TO-15	75-15-0	CARBON DISULFIDE	0.65	J	0.29	2.2	UG/M3	2.2	U
EPD-WA-55-041223	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.18	0.64	UG/M3	0.64	U
EPD-WA-55-041223	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3	0.64	U
EPD-WA-55-041223	TO-15	98-82-8	CUMENE	0.69	U	0.10	0.69	UG/M3	0.69	U
EPD-WA-55-041223	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.25	2.4	UG/M3	2.4	U
EPD-WA-55-041223	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.24	1.2	UG/M3	1.2	U
EPD-WA-55-041223	TO-15	64-17-5	ETHANOL	6.4		1.4	5.3	UG/M3	6.4	
EPD-WA-55-041223	TO-15	75-69-4	FREON 11	1		0.12	0.79	UG/M3	1.0	
EPD-WA-55-041223	TO-15	76-13-1	FREON 113	0.46	J	0.13	1.1	UG/M3	0.46	J
EPD-WA-55-041223	TO-15	142-82-5	HEPTANE	2.9	U	0.58	2.9	UG/M3	2.9	U
EPD-WA-55-041223	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.63	7.5	UG/M3	7.5	U
EPD-WA-55-041223	TO-15	110-54-3	HEXANE	0.8	J	0.41	2.5	UG/M3	0.80	J
EPD-WA-55-041223	TO-15	75-09-2	METHYLENE CHLORIDE	0.51	J	0.37	0.97	UG/M3	0.51	J

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EUROFINS AIR TOXICS, LLC REPORT NO. 2304210

Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-55-041223	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-WA-55-041223	TO-15	100-42-5	STYRENE	0.6	U	0.11	0.60	UG/M3	0.60	U
EPD-WA-55-041223	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	1.3	2.1	UG/M3	2.1	U
EPD-WA-55-041223	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-55-041223	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-55-041223	TO-15	106-97-8	BUTANE	4	NJ			PPBV	4.0	NJ
EPD-WA-55-041223	TO-15	78-78-4	BUTANE, 2-METHYL-	3.8	NJ			PPBV	3.8	NJ
EPD-WA-55-041223	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-55-041223	TO-15	75-28-5	ISOBUTANE	1.8	NJ			PPBV	1.8	NJ
EPD-WA-55-041223	TO-15	109-66-0	PENTANE	2	NJ			PPBV	2.0	NJ
EPD-WA-55-041223	TO-15	107-83-5	PENTANE, 2-METHYL-	1.3	NJ			PPBV	1.3	NJ
EPD-WA-55-041223	TO-15	96-14-0	PENTANE, 3-METHYL-	1	NJ			PPBV	1.0	NJ
EPD-WA-55-041223	TO-15	NA	UNKNOWN TIC	2.2	J			PPBV	2.2	J
EPD-WA-55-041223	TO-15	NA	UNKNOWN TIC	1.4	J			PPBV	1.4	J
EPD-WA-55-041223	TO-15	NA	UNKNOWN TIC	4.1	J			PPBV	4.1	J
EPD-WA-55-041223	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-55-041223	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.032	0.19	UG/M3	0.19	U
EPD-WA-55-041223	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.030	0.15	UG/M3	0.15	U
EPD-WA-55-041223	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-55-041223	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-WA-55-041223	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.048	0.22	UG/M3	0.22	U
EPD-WA-55-041223	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.073	J	0.022	0.11	UG/M3	0.073	J
EPD-WA-55-041223	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.092	0.17	UG/M3	0.17	U
EPD-WA-55-041223	TO-15 SIM	71-43-2	BENZENE	0.8		0.043	0.22	UG/M3	0.80	
EPD-WA-55-041223	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.4		0.033	0.18	UG/M3	0.40	J-
EPD-WA-55-041223	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-55-041223	TO-15 SIM	67-66-3	CHLOROFORM	0.084	J	0.022	0.14	UG/M3	0.084	J
EPD-WA-55-041223	TO-15 SIM	74-87-3	CHLOROMETHANE	1	J	0.14	1.4	UG/M3	1.0	J
EPD-WA-55-041223	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-WA-55-041223	TO-15 SIM	100-41-4	ETHYL BENZENE	0.27		0.0086	0.12	UG/M3	0.27	
EPD-WA-55-041223	TO-15 SIM	76-14-2	FREON 114	0.1	J	0.028	0.20	UG/M3	0.10	J
EPD-WA-55-041223	TO-15 SIM	75-71-8	FREON 12	2		0.020	0.35	UG/M3	2.0	
EPD-WA-55-041223	TO-15 SIM	179601-23	M,P-XYLENE	1		0.018	0.24	UG/M3	1.0	
EPD-WA-55-041223	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.5	U	0.019	0.50	UG/M3	0.50	U
EPD-WA-55-041223	TO-15 SIM	91-20-3	NAPHTHALENE	0.13	J	0.068	0.37	UG/M3	0.13	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample_ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-55-041223	TO-15 SIM	95-47-6	O-XYLENE	0.52		0.015	0.12	UG/M3	0.52	
EPD-WA-55-041223	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.26		0.0073	0.19	UG/M3	0.26	
EPD-WA-55-041223	TO-15 SIM	108-88-3	TOLUENE	2.6		0.018	0.26	UG/M3	2.6	
EPD-WA-55-041223	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	21		0.017	0.56	UG/M3	21	
EPD-WA-55-041223	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.042 J		0.013	0.15	UG/M3	0.042 J	
EPD-WA-55-041223	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.036 U		0.026	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.	1787b	Laboratory	Eurofins Air Toxics, LLC, Folsom, CA
Laboratory Report No.	2304250	Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes
Samples and Matrix	Five air samples, including one field duplicate		
Collection Date(s)	04/13/2023		
Field Duplicate Pairs	EPD-WA-03-041323/EPD-WA-33-041323		
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, 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 the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
N	<p>Laboratory control sample/laboratory control sample duplicate relative percent differences (RPD) were not provided in the Level II laboratory report. The lab provided the RPDs separately. No qualifications were applied.</p> <p>Samples EPD-DW-C-041323, EPD-WA-06-041323, EPD-WA-01-04123, and EPD-WA-04-041323 listed on the chain of custody (COC) were not received by the laboratory as part of this SDG. These four samples were analyzed and reported in SDG 2304258. The COC information for samples EPD-WA-33-041323, EPD-UW-G-041323, and EPD-WA-05-041323 did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples. No qualifications were applied.</p> <p>Sample EPD-WA-33-041323 had a typographical error in the original COC and lab report, which incorrectly listed the sample as EPD-ST-WA-33-041323. A revised lab report was issued. EPD-WA-33-041323 has been used to identify the sample throughout this validation report.</p>

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

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2304250-08A): 1,2,4-Trichlorobenzene, alpha-chlorotoluene, hexachlorobutadiene, and methylene chloride were detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL).</p> <ul style="list-style-type: none"> • The methylene chloride results in EPD-UW-G-041323 and EPD-WA-05-041323, and the 1,2,4-trichlorobenzene, alpha-chlorotoluene, and hexachlorobutadiene results in all samples were nondetect, therefore no qualifications were applied. • The methylene chloride results in EPD-WA-02-041323, EPD-WA-03-041323, and EPD-WA-33-041323 were qualified as not detected (flagged U) at the RL. <p>TO-15 SIM (2304250-08B): 1,1,2,2-tetrachloroethane, 1,4-dichlorobenzene, cis-1,2-dichloroethene, naphthalene, tetrachloroethene, and trans-1,2-dichloroethene were detected in the method blank at levels between the MDL and RL.</p> <ul style="list-style-type: none"> • The 1,1,2,2-tetrachloroethane, 1,4-dichlorobenzene, and cis-1,2-dichloroethene results were nondetect in all samples, therefore no qualifications were applied. • The naphthalene result in EPD-WA-02-041323 was qualified as estimated with a high bias (flagged J+). • The naphthalene result in EPD-UW-G-041323, EPD-WA-03-041323, EPD-WA-05-041323, and EPD-WA-33-041323 were qualified as not detected (flagged U) at the RL. • The tetrachloroethene result in all samples were qualified as not detected (flagged U) at the RL. • The trans-1,2-dichloroethene result in EPD-WA-03-041323 was qualified as not detected (flagged U) at the RL. • The trans-1,2-dichloroethene results in all other samples were nondetect, therefore no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

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

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

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

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> • EPD-UW-G-041323 was 1.34. • EPD-WA-02-041323 was 1.42. • EPD-WA-03-041323 was 1.51. • EPD-WA-05-041323 was 1.48. • EPD-WA-33-041323 was 1.39.

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

Other [None]:

Within Criteria	Exceedance/Notes
NA	

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

Overall Qualifications:

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

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

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-UW-G-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.0	U	0.29	5.0	UG/M3	5.0	U
EPD-UW-G-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.44	J	0.085	0.66	UG/M3	0.44	J
EPD-UW-G-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.80	U	0.11	0.80	UG/M3	0.80	U
EPD-UW-G-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.62	U	0.089	0.62	UG/M3	0.62	U
EPD-UW-G-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.14	J	0.11	0.66	UG/M3	0.14	J
EPD-UW-G-041323	TO-15	106-99-0	1,3-BUTADIENE	0.30	U	0.067	0.30	UG/M3	0.30	U
EPD-UW-G-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.80	U	0.15	0.80	UG/M3	0.80	U
EPD-UW-G-041323	TO-15	123-91-1	1,4-DIOXANE	0.48	U	0.14	0.48	UG/M3	0.48	U
EPD-UW-G-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.53	J	0.14	3.1	UG/M3	0.53	J
EPD-UW-G-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.85	J	0.21	2.0	UG/M3	0.85	J
EPD-UW-G-041323	TO-15	591-78-6	2-HEXANONE	2.7	U	0.40	2.7	UG/M3	2.7	U
EPD-UW-G-041323	TO-15	67-63-0	2-PROPANOL	0.63	J	0.18	6.6	UG/M3	0.63	J
EPD-UW-G-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.1	U	0.23	2.1	UG/M3	2.1	U
EPD-UW-G-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.39	J	0.12	0.66	UG/M3	0.39	J
EPD-UW-G-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.13	J	0.086	0.55	UG/M3	0.13	J
EPD-UW-G-041323	TO-15	67-64-1	ACETONE	6.5		0.64	6.4	UG/M3	6.5	
EPD-UW-G-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.69	U	0.10	0.69	UG/M3	0.69	U
EPD-UW-G-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.90	U	0.089	0.90	UG/M3	0.90	U
EPD-UW-G-041323	TO-15	75-25-2	BROMOFORM	1.4	U	0.13	1.4	UG/M3	1.4	U
EPD-UW-G-041323	TO-15	74-83-9	BROMOMETHANE	26	U	0.77	26	UG/M3	26	U
EPD-UW-G-041323	TO-15	75-15-0	CARBON DISULFIDE	2.1	U	0.31	2.1	UG/M3	2.1	U
EPD-UW-G-041323	TO-15	108-90-7	CHLOROBENZENE	0.62	U	0.062	0.62	UG/M3	0.62	U
EPD-UW-G-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.61	U	0.088	0.61	UG/M3	0.61	U
EPD-UW-G-041323	TO-15	98-82-8	CUMENE	0.66	U	0.14	0.66	UG/M3	0.66	U
EPD-UW-G-041323	TO-15	110-82-7	CYCLOHEXANE	0.13	J	0.10	2.3	UG/M3	0.13	J
EPD-UW-G-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.1	U	0.18	1.1	UG/M3	1.1	U
EPD-UW-G-041323	TO-15	64-17-5	ETHANOL	4.6	J	0.44	5.0	UG/M3	4.6	J
EPD-UW-G-041323	TO-15	75-69-4	FREON 11	1.0		0.085	0.75	UG/M3	1.0	
EPD-UW-G-041323	TO-15	76-13-1	FREON 113	0.44	J	0.15	1.0	UG/M3	0.44	J
EPD-UW-G-041323	TO-15	142-82-5	HEPTANE	0.49	J	0.066	2.7	UG/M3	0.49	J
EPD-UW-G-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.1	U	0.082	7.1	UG/M3	7.1	U
EPD-UW-G-041323	TO-15	110-54-3	HEXANE	1.0	J	0.071	2.4	UG/M3	1.0	J
EPD-UW-G-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.93	U	0.54	0.93	UG/M3	0.93	U
EPD-UW-G-041323	TO-15	103-65-1	PROPYLBENZENE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-UW-G-041323	TO-15	100-42-5	STYRENE	0.57	U	0.13	0.57	UG/M3	0.57	U
EPD-UW-G-041323	TO-15	109-99-9	TETRAHYDROFURAN	2.0	U	0.64	2.0	UG/M3	2.0	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-UW-G-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.083	0.61	UG/M3	0.61	U
EPD-UW-G-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-G-041323	TO-15	106-97-8	BUTANE	1.7	NJ			PPBV	1.7	NJ
EPD-UW-G-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	1.7	NJ			PPBV	1.7	NJ
EPD-UW-G-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-G-041323	TO-15	75-28-5	ISOBUTANE	0.72	NJ			PPBV	0.72	NJ
EPD-UW-G-041323	TO-15	109-66-0	PENTANE	0.89	NJ			PPBV	0.89	NJ
EPD-UW-G-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-UW-G-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.019	0.18	UG/M3	0.18	U
EPD-UW-G-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-UW-G-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.0095	0.11	UG/M3	0.11	U
EPD-UW-G-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.053	U	0.014	0.053	UG/M3	0.053	U
EPD-UW-G-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.20	U	0.14	0.20	UG/M3	0.20	U
EPD-UW-G-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.031	0.11	UG/M3	0.054	J
EPD-UW-G-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.16	U	0.13	0.16	UG/M3	0.16	U
EPD-UW-G-041323	TO-15 SIM	71-43-2	BENZENE	0.62		0.026	0.21	UG/M3	0.62	
EPD-UW-G-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.046	0.17	UG/M3	0.41	
EPD-UW-G-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.0076	0.18	UG/M3	0.18	U
EPD-UW-G-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.012	0.13	UG/M3	0.068	J
EPD-UW-G-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.61	J	0.21	1.4	UG/M3	0.61	J
EPD-UW-G-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.029	0.11	UG/M3	0.11	U
EPD-UW-G-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.32		0.017	0.12	UG/M3	0.32	
EPD-UW-G-041323	TO-15 SIM	76-14-2	FREON 114	0.097	J	0.010	0.19	UG/M3	0.097	J
EPD-UW-G-041323	TO-15 SIM	75-71-8	FREON 12	1.8		0.026	0.33	UG/M3	1.8	
EPD-UW-G-041323	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.030	0.23	UG/M3	1.2	
EPD-UW-G-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.48	U	0.017	0.48	UG/M3	0.48	U
EPD-UW-G-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.12	J	0.044	0.35	UG/M3	0.35	U
EPD-UW-G-041323	TO-15 SIM	95-47-6	O-XYLENE	0.49		0.022	0.12	UG/M3	0.49	
EPD-UW-G-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.085	J	0.013	0.18	UG/M3	0.18	U
EPD-UW-G-041323	TO-15 SIM	108-88-3	TOLUENE	2.2		0.015	0.25	UG/M3	2.2	
EPD-UW-G-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.53	U	0.024	0.53	UG/M3	0.53	U
EPD-UW-G-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.14	U	0.027	0.14	UG/M3	0.14	U
EPD-UW-G-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.034	U	0.013	0.034	UG/M3	0.034	U
EPD-WA-02-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	0.31	5.3	UG/M3	5.3	U
EPD-WA-02-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.44	J	0.090	0.70	UG/M3	0.44	J
EPD-WA-02-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.12	0.85	UG/M3	0.85	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-02-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.094	0.66	UG/M3	0.66	U
EPD-WA-02-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.15	J	0.11	0.70	UG/M3	0.15	J
EPD-WA-02-041323	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.071	0.31	UG/M3	0.31	U
EPD-WA-02-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.16	0.85	UG/M3	0.85	U
EPD-WA-02-041323	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.15	0.51	UG/M3	0.51	U
EPD-WA-02-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.50	J	0.15	3.3	UG/M3	0.50	J
EPD-WA-02-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.81	J	0.22	2.1	UG/M3	0.81	J
EPD-WA-02-041323	TO-15	591-78-6	2-HEXANONE	2.9	U	0.42	2.9	UG/M3	2.9	U
EPD-WA-02-041323	TO-15	67-63-0	2-PROPANOL	0.80	J	0.20	7.0	UG/M3	0.80	J
EPD-WA-02-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.25	2.2	UG/M3	2.2	U
EPD-WA-02-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.40	J	0.13	0.70	UG/M3	0.40	J
EPD-WA-02-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.22	J	0.092	0.58	UG/M3	0.22	J
EPD-WA-02-041323	TO-15	67-64-1	ACETONE	5.8	J	0.68	6.7	UG/M3	5.8	J
EPD-WA-02-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.11	0.74	UG/M3	0.74	U
EPD-WA-02-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.094	0.95	UG/M3	0.95	U
EPD-WA-02-041323	TO-15	75-25-2	BROMOFORM	1.5	U	0.14	1.5	UG/M3	1.5	U
EPD-WA-02-041323	TO-15	74-83-9	BROMOMETHANE	28	U	0.82	28	UG/M3	28	U
EPD-WA-02-041323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.33	2.2	UG/M3	2.2	U
EPD-WA-02-041323	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.066	0.65	UG/M3	0.65	U
EPD-WA-02-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.094	0.64	UG/M3	0.64	U
EPD-WA-02-041323	TO-15	98-82-8	CUMENE	0.70	U	0.15	0.7	UG/M3	0.70	U
EPD-WA-02-041323	TO-15	110-82-7	CYCLOHEXANE	0.13	J	0.11	2.4	UG/M3	0.13	J
EPD-WA-02-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.19	1.2	UG/M3	1.2	U
EPD-WA-02-041323	TO-15	64-17-5	ETHANOL	5.6		0.47	5.4	UG/M3	5.6	
EPD-WA-02-041323	TO-15	75-69-4	FREON 11	1.0		0.090	0.80	UG/M3	1.0	
EPD-WA-02-041323	TO-15	76-13-1	FREON 113	0.44	J	0.16	1.1	UG/M3	0.44	J
EPD-WA-02-041323	TO-15	142-82-5	HEPTANE	0.44	J	0.070	2.9	UG/M3	0.44	J
EPD-WA-02-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.086	7.6	UG/M3	7.6	U
EPD-WA-02-041323	TO-15	110-54-3	HEXANE	0.81	J	0.075	2.5	UG/M3	0.81	J
EPD-WA-02-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.66	J	0.57	0.99	UG/M3	0.99	U
EPD-WA-02-041323	TO-15	103-65-1	PROPYLBENZENE	0.70	U	0.12	0.70	UG/M3	0.70	U
EPD-WA-02-041323	TO-15	100-42-5	STYRENE	0.60	U	0.14	0.60	UG/M3	0.60	U
EPD-WA-02-041323	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	0.67	2.1	UG/M3	2.1	U
EPD-WA-02-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.088	0.64	UG/M3	0.64	U
EPD-WA-02-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-041323	TO-15	106-97-8	BUTANE	1.4	NJ			PPBV	1.4	NJ

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-02-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	1.3	NJ			PPBV	1.3	NJ
EPD-WA-02-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-041323	TO-15	109-66-0	PENTANE	0.83	NJ			PPBV	0.83	NJ
EPD-WA-02-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.014	0.15	UG/M3	0.15	U
EPD-WA-02-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.020	0.19	UG/M3	0.19	U
EPD-WA-02-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.022	0.15	UG/M3	0.15	U
EPD-WA-02-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.010	0.11	UG/M3	0.11	U
EPD-WA-02-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.015	0.056	UG/M3	0.056	U
EPD-WA-02-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.15	0.22	UG/M3	0.22	U
EPD-WA-02-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.052	J	0.033	0.11	UG/M3	0.052	J
EPD-WA-02-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.13	0.17	UG/M3	0.17	U
EPD-WA-02-041323	TO-15 SIM	71-43-2	BENZENE	0.91		0.028	0.23	UG/M3	0.91	
EPD-WA-02-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.42		0.049	0.18	UG/M3	0.42	
EPD-WA-02-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.0092	J	0.0080	0.19	UG/M3	0.0092	J
EPD-WA-02-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.065	J	0.013	0.14	UG/M3	0.065	J
EPD-WA-02-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.65	J	0.22	1.5	UG/M3	0.65	J
EPD-WA-02-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.030	0.11	UG/M3	0.11	U
EPD-WA-02-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.33		0.018	0.12	UG/M3	0.33	
EPD-WA-02-041323	TO-15 SIM	76-14-2	FREON 114	0.10	J	0.011	0.20	UG/M3	0.10	J
EPD-WA-02-041323	TO-15 SIM	75-71-8	FREON 12	1.8		0.028	0.35	UG/M3	1.8	
EPD-WA-02-041323	TO-15 SIM	179601-23-1	M,P-XYLENE	1.2		0.032	0.25	UG/M3	1.2	
EPD-WA-02-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.018	0.51	UG/M3	0.51	U
EPD-WA-02-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.38		0.046	0.37	UG/M3	0.38	J+
EPD-WA-02-041323	TO-15 SIM	95-47-6	O-XYLENE	0.48		0.023	0.12	UG/M3	0.48	
EPD-WA-02-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.082	J	0.014	0.19	UG/M3	0.19	U
EPD-WA-02-041323	TO-15 SIM	108-88-3	TOLUENE	2.0		0.016	0.27	UG/M3	2.0	
EPD-WA-02-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.026	0.56	UG/M3	0.56	U
EPD-WA-02-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.028	0.15	UG/M3	0.15	U
EPD-WA-02-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.55		0.014	0.036	UG/M3	0.55	
EPD-WA-03-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	0.33	5.6	UG/M3	5.6	U
EPD-WA-03-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.31	J	0.096	0.74	UG/M3	0.31	J
EPD-WA-03-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.91	U	0.13	0.91	UG/M3	0.91	U
EPD-WA-03-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.70	U	0.10	0.70	UG/M3	0.70	U
EPD-WA-03-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-03-041323	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.076	0.33	UG/M3	0.33	U
EPD-WA-03-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.91	U	0.17	0.91	UG/M3	0.91	U

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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-03-041323	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.16	0.54	UG/M3	0.54	U
EPD-WA-03-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.60	J	0.16	3.5	UG/M3	0.60	J
EPD-WA-03-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.1	J	0.24	2.2	UG/M3	1.1	J
EPD-WA-03-041323	TO-15	591-78-6	2-HEXANONE	3.1	U	0.45	3.1	UG/M3	3.1	U
EPD-WA-03-041323	TO-15	67-63-0	2-PROPANOL	0.96	J	0.21	7.4	UG/M3	0.96	J
EPD-WA-03-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.4	U	0.26	2.4	UG/M3	2.4	U
EPD-WA-03-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.21	J	0.14	0.74	UG/M3	0.21	J
EPD-WA-03-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.45	J	0.097	0.62	UG/M3	0.45	J
EPD-WA-03-041323	TO-15	67-64-1	ACETONE	11		0.73	7.2	UG/M3	11	
EPD-WA-03-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.12	0.78	UG/M3	0.78	U
EPD-WA-03-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	1.0	U	0.10	1.0	UG/M3	1.0	U
EPD-WA-03-041323	TO-15	75-25-2	BROMOFORM	1.6	U	0.15	1.6	UG/M3	1.6	U
EPD-WA-03-041323	TO-15	74-83-9	BROMOMETHANE	29	U	0.87	29	UG/M3	29	U
EPD-WA-03-041323	TO-15	75-15-0	CARBON DISULFIDE	2.4	U	0.35	2.4	UG/M3	2.4	U
EPD-WA-03-041323	TO-15	108-90-7	CHLOROBENZENE	0.70	U	0.070	0.70	UG/M3	0.70	U
EPD-WA-03-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.10	0.68	UG/M3	0.68	U
EPD-WA-03-041323	TO-15	98-82-8	CUMENE	0.74	U	0.16	0.74	UG/M3	0.74	U
EPD-WA-03-041323	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.12	2.6	UG/M3	2.6	U
EPD-WA-03-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.20	1.3	UG/M3	1.3	U
EPD-WA-03-041323	TO-15	64-17-5	ETHANOL	6.0		0.50	5.7	UG/M3	6.0	
EPD-WA-03-041323	TO-15	75-69-4	FREON 11	1.0		0.095	0.85	UG/M3	1.0	
EPD-WA-03-041323	TO-15	76-13-1	FREON 113	0.44	J	0.17	1.2	UG/M3	0.44	J
EPD-WA-03-041323	TO-15	142-82-5	HEPTANE	1.3	J	0.074	3.1	UG/M3	1.3	J
EPD-WA-03-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.0	U	0.092	8.0	UG/M3	8.0	U
EPD-WA-03-041323	TO-15	110-54-3	HEXANE	1.5	J	0.080	2.7	UG/M3	1.5	J
EPD-WA-03-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.65	J	0.61	1.0	UG/M3	1.0	U
EPD-WA-03-041323	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.12	0.74	UG/M3	0.74	U
EPD-WA-03-041323	TO-15	100-42-5	STYRENE	0.64	U	0.15	0.64	UG/M3	0.64	U
EPD-WA-03-041323	TO-15	109-99-9	TETRAHYDROFURAN	0.90	J	0.72	2.2	UG/M3	0.90	J
EPD-WA-03-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.094	0.68	UG/M3	0.68	U
EPD-WA-03-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-041323	TO-15	106-97-8	BUTANE	1.3	NJ			PPBV	1.3	NJ
EPD-WA-03-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-041323	TO-15	5989-27-5	D-LIMONENE	2.6	NJ			PPBV	2.6	NJ
EPD-WA-03-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.015	0.16	UG/M3	0.16	U
EPD-WA-03-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.21	U	0.021	0.21	UG/M3	0.21	U

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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-03-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.024	0.16	UG/M3	0.16	U
EPD-WA-03-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.011	0.12	UG/M3	0.12	U
EPD-WA-03-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.060	U	0.016	0.060	UG/M3	0.060	U
EPD-WA-03-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.16	0.23	UG/M3	0.23	U
EPD-WA-03-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.055	J	0.035	0.12	UG/M3	0.055	J
EPD-WA-03-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-WA-03-041323	TO-15 SIM	71-43-2	BENZENE	0.51		0.030	0.24	UG/M3	0.51	
EPD-WA-03-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.052	0.19	UG/M3	0.41	
EPD-WA-03-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.026	J	0.0085	0.20	UG/M3	0.026	J
EPD-WA-03-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.074	J	0.014	0.15	UG/M3	0.074	J
EPD-WA-03-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.66	J	0.23	1.6	UG/M3	0.66	J
EPD-WA-03-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.032	0.12	UG/M3	0.12	U
EPD-WA-03-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.17		0.020	0.13	UG/M3	0.17	
EPD-WA-03-041323	TO-15 SIM	76-14-2	FREON 114	0.10	J	0.011	0.21	UG/M3	0.10	J
EPD-WA-03-041323	TO-15 SIM	75-71-8	FREON 12	1.8		0.029	0.37	UG/M3	1.8	
EPD-WA-03-041323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.59		0.034	0.26	UG/M3	0.59	
EPD-WA-03-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.020	0.54	UG/M3	0.54	U
EPD-WA-03-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.050	0.40	UG/M3	0.40	U
EPD-WA-03-041323	TO-15 SIM	95-47-6	O-XYLENE	0.26		0.025	0.13	UG/M3	0.26	
EPD-WA-03-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.096	J	0.015	0.20	UG/M3	0.20	U
EPD-WA-03-041323	TO-15 SIM	108-88-3	TOLUENE	1.4		0.017	0.28	UG/M3	1.4	
EPD-WA-03-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.11	J	0.027	0.60	UG/M3	0.60	U
EPD-WA-03-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.030	0.16	UG/M3	0.16	U
EPD-WA-03-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.15		0.015	0.038	UG/M3	0.15	
EPD-WA-05-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.5	U	0.32	5.5	UG/M3	5.5	U
EPD-WA-05-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.34	J	0.094	0.73	UG/M3	0.34	J
EPD-WA-05-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.89	U	0.12	0.89	UG/M3	0.89	U
EPD-WA-05-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.68	U	0.098	0.68	UG/M3	0.68	U
EPD-WA-05-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-05-041323	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.074	0.33	UG/M3	0.33	U
EPD-WA-05-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.89	U	0.17	0.89	UG/M3	0.89	U
EPD-WA-05-041323	TO-15	123-91-1	1,4-DIOXANE	0.53	U	0.16	0.53	UG/M3	0.53	U
EPD-WA-05-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.44	J	0.16	3.4	UG/M3	0.44	J
EPD-WA-05-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.76	J	0.23	2.2	UG/M3	0.76	J
EPD-WA-05-041323	TO-15	591-78-6	2-HEXANONE	3.0	U	0.44	3.0	UG/M3	3.0	U
EPD-WA-05-041323	TO-15	67-63-0	2-PROPANOL	0.57	J	0.20	7.3	UG/M3	0.57	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-05-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.26	2.3	UG/M3	2.3	U
EPD-WA-05-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.33	J	0.13	0.73	UG/M3	0.33	J
EPD-WA-05-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.13	J	0.095	0.61	UG/M3	0.13	J
EPD-WA-05-041323	TO-15	67-64-1	ACETONE	6.6	J	0.71	7.0	UG/M3	6.6	J
EPD-WA-05-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.77	U	0.11	0.77	UG/M3	0.77	U
EPD-WA-05-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.99	U	0.098	0.99	UG/M3	0.99	U
EPD-WA-05-041323	TO-15	75-25-2	BROMOFORM	1.5	U	0.15	1.5	UG/M3	1.5	U
EPD-WA-05-041323	TO-15	74-83-9	BROMOMETHANE	29	U	0.85	29	UG/M3	29	U
EPD-WA-05-041323	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.35	2.3	UG/M3	2.3	U
EPD-WA-05-041323	TO-15	108-90-7	CHLOROBENZENE	0.68	U	0.069	0.68	UG/M3	0.68	U
EPD-WA-05-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	0.098	0.67	UG/M3	0.67	U
EPD-WA-05-041323	TO-15	98-82-8	CUMENE	0.73	U	0.16	0.73	UG/M3	0.73	U
EPD-WA-05-041323	TO-15	110-82-7	CYCLOHEXANE	0.12	J	0.11	2.5	UG/M3	0.12	J
EPD-WA-05-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.20	1.3	UG/M3	1.3	U
EPD-WA-05-041323	TO-15	64-17-5	ETHANOL	4.6	J	0.49	5.6	UG/M3	4.6	J
EPD-WA-05-041323	TO-15	75-69-4	FREON 11	1.0		0.093	0.83	UG/M3	1.0	
EPD-WA-05-041323	TO-15	76-13-1	FREON 113	0.43	J	0.17	1.1	UG/M3	0.43	J
EPD-WA-05-041323	TO-15	142-82-5	HEPTANE	0.41	J	0.073	3.0	UG/M3	0.41	J
EPD-WA-05-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.9	U	0.09	7.9	UG/M3	7.9	U
EPD-WA-05-041323	TO-15	110-54-3	HEXANE	0.81	J	0.078	2.6	UG/M3	0.81	J
EPD-WA-05-041323	TO-15	75-09-2	METHYLENE CHLORIDE	1.0	U	0.60	1.0	UG/M3	1.0	U
EPD-WA-05-041323	TO-15	103-65-1	PROPYLBENZENE	0.73	U	0.12	0.73	UG/M3	0.73	U
EPD-WA-05-041323	TO-15	100-42-5	STYRENE	0.63	U	0.15	0.63	UG/M3	0.63	U
EPD-WA-05-041323	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.70	2.2	UG/M3	2.2	U
EPD-WA-05-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.67	U	0.092	0.67	UG/M3	0.67	U
EPD-WA-05-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-041323	TO-15	106-97-8	BUTANE	1.7	NJ			PPBV	1.7	NJ
EPD-WA-05-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	1.6	NJ			PPBV	1.6	NJ
EPD-WA-05-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-041323	TO-15	109-66-0	PENTANE	0.91	NJ			PPBV	0.91	NJ
EPD-WA-05-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.014	0.16	UG/M3	0.16	U
EPD-WA-05-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.20	U	0.021	0.20	UG/M3	0.20	U
EPD-WA-05-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.023	0.16	UG/M3	0.16	U
EPD-WA-05-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.010	0.12	UG/M3	0.12	U
EPD-WA-05-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.016	0.059	UG/M3	0.059	U
EPD-WA-05-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.15	0.23	UG/M3	0.23	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-05-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.052	J	0.035	0.12	UG/M3	0.052	J
EPD-WA-05-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.14	0.18	UG/M3	0.18	U
EPD-WA-05-041323	TO-15 SIM	71-43-2	BENZENE	0.60		0.029	0.24	UG/M3	0.60	
EPD-WA-05-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.41		0.051	0.19	UG/M3	0.41	
EPD-WA-05-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.017	J	0.0084	0.20	UG/M3	0.017	J
EPD-WA-05-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.068	J	0.014	0.14	UG/M3	0.068	J
EPD-WA-05-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.63	J	0.23	1.5	UG/M3	0.63	J
EPD-WA-05-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.032	0.12	UG/M3	0.12	U
EPD-WA-05-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.29		0.019	0.13	UG/M3	0.29	
EPD-WA-05-041323	TO-15 SIM	76-14-2	FREON 114	0.092	J	0.011	0.21	UG/M3	0.092	J
EPD-WA-05-041323	TO-15 SIM	75-71-8	FREON 12	1.8		0.029	0.36	UG/M3	1.8	
EPD-WA-05-041323	TO-15 SIM	179601-23-1	M,P-XYLENE	1.1		0.033	0.26	UG/M3	1.1	
EPD-WA-05-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.53	U	0.019	0.53	UG/M3	0.53	U
EPD-WA-05-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.26	J	0.048	0.39	UG/M3	0.39	U
EPD-WA-05-041323	TO-15 SIM	95-47-6	O-XYLENE	0.40		0.024	0.13	UG/M3	0.40	
EPD-WA-05-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.12	J	0.014	0.20	UG/M3	0.20	U
EPD-WA-05-041323	TO-15 SIM	108-88-3	TOLUENE	2.0		0.017	0.28	UG/M3	2.0	
EPD-WA-05-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.027	0.59	UG/M3	0.59	U
EPD-WA-05-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.030	0.16	UG/M3	0.16	U
EPD-WA-05-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.038	U	0.015	0.038	UG/M3	0.038	U
EPD-WA-33-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	0.30	5.2	UG/M3	5.2	U
EPD-WA-33-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.27	J	0.088	0.68	UG/M3	0.27	J
EPD-WA-33-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.12	0.84	UG/M3	0.84	U
EPD-WA-33-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.64	U	0.092	0.64	UG/M3	0.64	U
EPD-WA-33-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.68	U	0.11	0.68	UG/M3	0.68	U
EPD-WA-33-041323	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.070	0.31	UG/M3	0.31	U
EPD-WA-33-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.16	0.84	UG/M3	0.84	U
EPD-WA-33-041323	TO-15	123-91-1	1,4-DIOXANE	0.50	U	0.15	0.50	UG/M3	0.50	U
EPD-WA-33-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.42	J	0.15	3.2	UG/M3	0.42	J
EPD-WA-33-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2	J	0.22	2.0	UG/M3	1.2	J
EPD-WA-33-041323	TO-15	591-78-6	2-HEXANONE	2.8	U	0.41	2.8	UG/M3	2.8	U
EPD-WA-33-041323	TO-15	67-63-0	2-PROPANOL	0.90	J	0.19	6.8	UG/M3	0.90	J
EPD-WA-33-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-33-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.21	J	0.13	0.68	UG/M3	0.21	J
EPD-WA-33-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.35	J	0.09	0.57	UG/M3	0.35	J
EPD-WA-33-041323	TO-15	67-64-1	ACETONE	10		0.67	6.6	UG/M3	10	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-33-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.11	0.72	UG/M3	0.72	U
EPD-WA-33-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.93	U	0.092	0.93	UG/M3	0.93	U
EPD-WA-33-041323	TO-15	75-25-2	BROMOFORM	1.4	U	0.14	1.4	UG/M3	1.4	U
EPD-WA-33-041323	TO-15	74-83-9	BROMOMETHANE	27	U	0.80	27	UG/M3	27	U
EPD-WA-33-041323	TO-15	75-15-0	CARBON DISULFIDE	2.2	U	0.33	2.2	UG/M3	2.2	U
EPD-WA-33-041323	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.064	0.64	UG/M3	0.64	U
EPD-WA-33-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.63	U	0.092	0.63	UG/M3	0.63	U
EPD-WA-33-041323	TO-15	98-82-8	CUMENE	0.68	U	0.15	0.68	UG/M3	0.68	U
EPD-WA-33-041323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.11	2.4	UG/M3	2.4	U
EPD-WA-33-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.19	1.2	UG/M3	1.2	U
EPD-WA-33-041323	TO-15	64-17-5	ETHANOL	5.4		0.46	5.2	UG/M3	5.4	
EPD-WA-33-041323	TO-15	75-69-4	FREON 11	1.0		0.088	0.78	UG/M3	1.0	
EPD-WA-33-041323	TO-15	76-13-1	FREON 113	0.47	J	0.16	1.1	UG/M3	0.47	J
EPD-WA-33-041323	TO-15	142-82-5	HEPTANE	0.89	J	0.068	2.8	UG/M3	0.89	J
EPD-WA-33-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.4	U	0.085	7.4	UG/M3	7.4	U
EPD-WA-33-041323	TO-15	110-54-3	HEXANE	1.1	J	0.073	2.4	UG/M3	1.1	J
EPD-WA-33-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.57	J	0.56	0.96	UG/M3	0.96	U
EPD-WA-33-041323	TO-15	103-65-1	PROPYLBENZENE	0.68	U	0.11	0.68	UG/M3	0.68	U
EPD-WA-33-041323	TO-15	100-42-5	STYRENE	0.59	U	0.14	0.59	UG/M3	0.59	U
EPD-WA-33-041323	TO-15	109-99-9	TETRAHYDROFURAN	1.0	J	0.66	2.0	UG/M3	1.0	J
EPD-WA-33-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.086	0.63	UG/M3	0.63	U
EPD-WA-33-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-33-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-33-041323	TO-15	5989-27-5	D-LIMONENE	1.2	NJ			PPBV	1.2	NJ
EPD-WA-33-041323	TO-15	111-71-7	HEPTANAL	0.76	NJ			PPBV	0.76	NJ
EPD-WA-33-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.014	0.15	UG/M3	0.15	U
EPD-WA-33-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.019	0.19	UG/M3	0.19	U
EPD-WA-33-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.022	0.15	UG/M3	0.15	U
EPD-WA-33-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.0099	0.11	UG/M3	0.11	U
EPD-WA-33-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.055	U	0.015	0.055	UG/M3	0.055	U
EPD-WA-33-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.21	U	0.14	0.21	UG/M3	0.21	U
EPD-WA-33-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.054	J	0.032	0.11	UG/M3	0.054	J
EPD-WA-33-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.13	0.17	UG/M3	0.17	U
EPD-WA-33-041323	TO-15 SIM	71-43-2	BENZENE	0.48		0.027	0.22	UG/M3	0.48	
EPD-WA-33-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.40		0.048	0.17	UG/M3	0.40	
EPD-WA-33-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.035	J	0.0078	0.18	UG/M3	0.035	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304250

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	Val_Result	Val_Qual
EPD-WA-33-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.076	J	0.013	0.14	UG/M3	0.076	J
EPD-WA-33-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.68	J	0.22	1.4	UG/M3	0.68	J
EPD-WA-33-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.030	0.11	UG/M3	0.11	U
EPD-WA-33-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.16		0.018	0.12	UG/M3	0.16	
EPD-WA-33-041323	TO-15 SIM	76-14-2	FREON 114	0.10	J	0.010	0.19	UG/M3	0.10	J
EPD-WA-33-041323	TO-15 SIM	75-71-8	FREON 12	1.8		0.027	0.34	UG/M3	1.8	
EPD-WA-33-041323	TO-15 SIM	179601-23-1	M,P-XYLENE	0.56		0.031	0.24	UG/M3	0.56	
EPD-WA-33-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.50	U	0.018	0.5	UG/M3	0.50	U
EPD-WA-33-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.17	J	0.046	0.36	UG/M3	0.36	U
EPD-WA-33-041323	TO-15 SIM	95-47-6	O-XYLENE	0.25		0.023	0.12	UG/M3	0.25	
EPD-WA-33-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.083	J	0.013	0.19	UG/M3	0.19	U
EPD-WA-33-041323	TO-15 SIM	108-88-3	TOLUENE	1.2		0.016	0.26	UG/M3	1.2	
EPD-WA-33-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.55	U	0.025	0.55	UG/M3	0.55	U
EPD-WA-33-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.028	0.15	UG/M3	0.15	U
EPD-WA-33-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.13		0.014	0.036	UG/M3	0.13	

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

Site Name	E Palestine Site - ER	TO/TOLIN No.	68HE0520F0032/0001EB201
Document Tracking No.	1787c	Laboratory	Eurofins Air Toxics, LLC, Folsom, CA
Laboratory Report No.	2304258		
Analyses	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes		
Samples and Matrix	Four air samples		
Collection Date(s)	04/13/2023		
Field Duplicate Pairs	None		
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, 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 the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
N	<p>Laboratory control sample/laboratory control sample duplicate relative percent differences (RPD) were not provided in the Level II laboratory report. The lab provided the RPDs separately. No qualifications were applied.</p> <p>Samples EPD-DW-C-041323, EPD-WA-06-041323, EPD-WA-01-041323, and EPD-WA-04-041323 were not received on 4/14/2023 despite notation on the chain of custody (COC). They were subsequently received on 4/15/2023 and analyzed in this report.</p> <p>Samples EPD-UW-G-041323, EPD-WA-02-041323, EPD-WA-03-041323, EPD-WA-05-041323, and EPD-WA-33-041323 on the COC were analyzed and reported in SDG 2305250.</p>

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

Sample preservation, receipt, and holding times:

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

Method blanks:

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2304258-10B): 1,4-Dichlorobenzene was detected in the method blank at levels between the method detection limit (MDL) and reporting limit (RL). The associated field sample results for 1,4-dichlorobezene were all nondetect, therefore no qualifications were applied. TO-15 scan (2305258-10C): Carbon disulfide was detected in the method blank at levels between the MDL and RL. The carbon disulfide result in EPD-WA-01-041323 and EPD-WA-04-041323 were qualified as not detected (flagged U) at the RL.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
Y	

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

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2304258-12A and 2304258-12AA): The LCSD percent recovery was above QC limits for 1,2,4-trichlorobenzene. The average LCS and LCSD percent recoveries were within acceptance limits, therefore, no qualification was necessary.</p> <p>TO-15 SIM (2304258-12D and 2304258-12DD): The LCS and LCSD percent recoveries were below QC limits for carbon tetrachloride. The carbon tetrachloride results in EPD-WA-01-041323 and EPD-WA-04-041323 were qualified as estimated with a possible low bias (flagged J-).</p>

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	<p>Canister dilution factor for:</p> <ul style="list-style-type: none"> • EPD-DW-C-041323 was 1.42. • EPD-WA-01-041323 was 1.40. • EPD-WA-04-041323 was 1.42. • EPD-WA-06-041323 was 1.50.

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

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

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

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in all samples. The known TICs were qualified as tentatively identified (flagged NJ). The unknown TICs were qualified as estimated (flagged J). 2-Ethyl-1-hexanol in all samples and butyl acrylate in all samples, except EPD-WA-01-041323, were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

Other [Continuing Calibration]:

Within Criteria	Exceedance/Notes
N	CCV (2304258-11A) had low percent recovery of ethanol. Ethanol result in EPD-DW-C-041323 and EPD-WA-06-041323 were qualified as estimated (flagged J). CCV (2304258-11D) had low percent recovery of naphthalene. Naphthalene result in EPD-WA-01-041323 and EPD-WA-04-041323 were qualified as estimated (flagged J).

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

Overall Qualifications:

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

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

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
EUROFINS AIR TOXICS, LLC REPORT NO. 2304258

Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	1.3	5.3	UG/M3	5.3	U
EPD-DW-C-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.27	J	0.21	0.70	UG/M3	0.27	J
EPD-DW-C-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.10	0.85	UG/M3	0.85	U
EPD-DW-C-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.11	0.66	UG/M3	0.66	U
EPD-DW-C-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.70	U	0.14	0.70	UG/M3	0.70	U
EPD-DW-C-041323	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.030	0.31	UG/M3	0.31	U
EPD-DW-C-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.097	0.85	UG/M3	0.85	U
EPD-DW-C-041323	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.081	0.51	UG/M3	0.51	U
EPD-DW-C-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.3	U	0.54	3.3	UG/M3	3.3	U
EPD-DW-C-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.41	J	0.32	2.1	UG/M3	0.41	J
EPD-DW-C-041323	TO-15	591-78-6	2-HEXANONE	2.9	U	0.45	2.9	UG/M3	2.9	U
EPD-DW-C-041323	TO-15	67-63-0	2-PROPANOL	7.0	U	0.39	7.0	UG/M3	7.0	U
EPD-DW-C-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.44	2.2	UG/M3	2.2	U
EPD-DW-C-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.25	J	0.14	0.70	UG/M3	0.25	J
EPD-DW-C-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.35	J	0.21	0.58	UG/M3	0.35	J
EPD-DW-C-041323	TO-15	67-64-1	ACETONE	5.4	J	0.77	6.7	UG/M3	5.4	J
EPD-DW-C-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.14	0.74	UG/M3	0.74	U
EPD-DW-C-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.15	0.95	UG/M3	0.95	U
EPD-DW-C-041323	TO-15	75-25-2	BROMOFORM	1.5	U	0.41	1.5	UG/M3	1.5	U
EPD-DW-C-041323	TO-15	74-83-9	BROMOMETHANE	28	U	0.79	28	UG/M3	28	U
EPD-DW-C-041323	TO-15	75-15-0	CARBON DISULFIDE	1.8	J	0.63	2.2	UG/M3	1.8	J
EPD-DW-C-041323	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.051	0.65	UG/M3	0.65	U
EPD-DW-C-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.12	0.64	UG/M3	0.64	U
EPD-DW-C-041323	TO-15	98-82-8	CUMENE	0.70	U	0.088	0.70	UG/M3	0.70	U
EPD-DW-C-041323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.24	2.4	UG/M3	2.4	U
EPD-DW-C-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.21	1.2	UG/M3	1.2	U
EPD-DW-C-041323	TO-15	64-17-5	ETHANOL	3.6	J	0.65	5.4	UG/M3	3.6	J
EPD-DW-C-041323	TO-15	75-69-4	FREON 11	1.2		0.063	0.80	UG/M3	1.2	
EPD-DW-C-041323	TO-15	76-13-1	FREON 113	0.50	J	0.19	1.1	UG/M3	0.50	J
EPD-DW-C-041323	TO-15	142-82-5	HEPTANE	2.9	U	0.36	2.9	UG/M3	2.9	U
EPD-DW-C-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.76	7.6	UG/M3	7.6	U
EPD-DW-C-041323	TO-15	110-54-3	HEXANE	2.5	U	0.39	2.5	UG/M3	2.5	U
EPD-DW-C-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.64	J	0.56	0.99	UG/M3	0.64	J
EPD-DW-C-041323	TO-15	103-65-1	PROPYLBENZENE	0.70	U	0.16	0.70	UG/M3	0.70	U
EPD-DW-C-041323	TO-15	100-42-5	STYRENE	0.60	U	0.088	0.60	UG/M3	0.60	U
EPD-DW-C-041323	TO-15	109-99-9	TETRAHYDROFURAN	0.76	J	0.34	2.1	UG/M3	0.76	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-C-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.16	0.64	UG/M3	0.64	U
EPD-DW-C-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U				0	U,NF
EPD-DW-C-041323	TO-15	106-97-8	BUTANE	1.5	NJ				1.5	NJ
EPD-DW-C-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	1.2	NJ				1.2	NJ
EPD-DW-C-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U				0	U,NF
EPD-DW-C-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-DW-C-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.047	0.19	UG/M3	0.19	U
EPD-DW-C-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.018	0.15	UG/M3	0.15	U
EPD-DW-C-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-DW-C-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.014	0.056	UG/M3	0.056	U
EPD-DW-C-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.030	0.22	UG/M3	0.22	U
EPD-DW-C-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.078	J	0.013	0.11	UG/M3	0.078	J
EPD-DW-C-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.073	0.17	UG/M3	0.17	U
EPD-DW-C-041323	TO-15 SIM	71-43-2	BENZENE	0.66		0.022	0.23	UG/M3	0.66	
EPD-DW-C-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.013	0.18	UG/M3	0.49	
EPD-DW-C-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.020	J	0.010	0.19	UG/M3	0.020	J
EPD-DW-C-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.075	J	0.015	0.14	UG/M3	0.075	J
EPD-DW-C-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.80	J	0.18	1.5	UG/M3	0.80	J
EPD-DW-C-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.015	0.11	UG/M3	0.11	U
EPD-DW-C-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.14		0.018	0.12	UG/M3	0.14	
EPD-DW-C-041323	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.022	0.20	UG/M3	0.11	J
EPD-DW-C-041323	TO-15 SIM	75-71-8	FREON 12	2.2		0.014	0.35	UG/M3	2.2	
EPD-DW-C-041323	TO-15 SIM	179601-23-	M,P-XYLENE	0.49		0.024	0.25	UG/M3	0.49	
EPD-DW-C-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.0095	0.51	UG/M3	0.51	U
EPD-DW-C-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.16	J	0.11	0.37	UG/M3	0.16	J
EPD-DW-C-041323	TO-15 SIM	95-47-6	O-XYLENE	0.21		0.021	0.12	UG/M3	0.21	
EPD-DW-C-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.093	J	0.028	0.19	UG/M3	0.093	J
EPD-DW-C-041323	TO-15 SIM	108-88-3	TOLUENE	1.6		0.019	0.27	UG/M3	1.6	
EPD-DW-C-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.56	U	0.0084	0.56	UG/M3	0.56	U
EPD-DW-C-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.060	J	0.025	0.15	UG/M3	0.060	J
EPD-DW-C-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.36		0.010	0.036	UG/M3	0.36	
EPD-WA-01-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.2	U	0.68	5.2	UG/M3	5.2	U
EPD-WA-01-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.51	J	0.16	0.69	UG/M3	0.51	J
EPD-WA-01-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-01-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.65	U	0.23	0.65	UG/M3	0.65	U
EPD-WA-01-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.69	U	0.21	0.69	UG/M3	0.69	U

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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-041323	TO-15	106-99-0	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-01-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.84	U	0.18	0.84	UG/M3	0.84	U
EPD-WA-01-041323	TO-15	123-91-1	1,4-DIOXANE	0.50	U	0.28	0.50	UG/M3	0.50	U
EPD-WA-01-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	1.1	J	0.46	3.3	UG/M3	1.1	J
EPD-WA-01-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.83	J	0.46	2.1	UG/M3	0.83	J
EPD-WA-01-041323	TO-15	591-78-6	2-HEXANONE	2.9	U	0.58	2.9	UG/M3	2.9	U
EPD-WA-01-041323	TO-15	67-63-0	2-PROPANOL	0.59	J	0.37	6.9	UG/M3	0.59	J
EPD-WA-01-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.48	2.2	UG/M3	2.2	U
EPD-WA-01-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.42	J	0.16	0.69	UG/M3	0.42	J
EPD-WA-01-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.57	U	0.12	0.57	UG/M3	0.57	U
EPD-WA-01-041323	TO-15	67-64-1	ACETONE	9.1		0.94	6.6	UG/M3	9.1	
EPD-WA-01-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.72	U	0.38	0.72	UG/M3	0.72	U
EPD-WA-01-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.94	U	0.20	0.94	UG/M3	0.94	U
EPD-WA-01-041323	TO-15	75-25-2	BROMOFORM	1.4	U	0.33	1.4	UG/M3	1.4	U
EPD-WA-01-041323	TO-15	74-83-9	BROMOMETHANE	27	U	2.1	27	UG/M3	27	U
EPD-WA-01-041323	TO-15	75-15-0	CARBON DISULFIDE	0.78	J	0.29	2.2	UG/M3	2.2	J
EPD-WA-01-041323	TO-15	108-90-7	CHLOROBENZENE	0.64	U	0.18	0.64	UG/M3	0.64	U
EPD-WA-01-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3	0.64	U
EPD-WA-01-041323	TO-15	98-82-8	CUMENE	0.69	U	0.10	0.69	UG/M3	0.69	U
EPD-WA-01-041323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.25	2.4	UG/M3	2.4	U
EPD-WA-01-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.24	1.2	UG/M3	1.2	U
EPD-WA-01-041323	TO-15	64-17-5	ETHANOL	11		1.4	5.3	UG/M3	11	
EPD-WA-01-041323	TO-15	75-69-4	FREON 11	0.99		0.12	0.79	UG/M3	0.99	
EPD-WA-01-041323	TO-15	76-13-1	FREON 113	0.39	J	0.13	1.1	UG/M3	0.39	J
EPD-WA-01-041323	TO-15	142-82-5	HEPTANE	1.0	J	0.58	2.9	UG/M3	1.0	J
EPD-WA-01-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.5	U	0.63	7.5	UG/M3	7.5	U
EPD-WA-01-041323	TO-15	110-54-3	HEXANE	2.8		0.41	2.5	UG/M3	2.8	
EPD-WA-01-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.57	J	0.37	0.97	UG/M3	0.57	J
EPD-WA-01-041323	TO-15	103-65-1	PROPYLBENZENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-WA-01-041323	TO-15	100-42-5	STYRENE	0.60	U	0.11	0.60	UG/M3	0.60	U
EPD-WA-01-041323	TO-15	109-99-9	TETRAHYDROFURAN	1.5	J	1.3	2.1	UG/M3	1.5	J
EPD-WA-01-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-01-041323	TO-15	137-32-6	1-BUTANOL, 2-METHYL-	1.8	NJ				1.8	NJ
EPD-WA-01-041323	TO-15	563-45-1	1-BUTENE, 3-METHYL-	1.2	NJ				1.2	NJ
EPD-WA-01-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U				0	U,NF
EPD-WA-01-041323	TO-15	141-32-2	2-PROPENOIC ACID, BUTYL ESTER	1.2	NJ				1.2	NJ

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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-041323	TO-15	106-97-8	BUTANE	18	NJ				18	NJ
EPD-WA-01-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	15	NJ				15	NJ
EPD-WA-01-041323	TO-15	589-34-4	HEXANE, 3-METHYL-	0.74	NJ				0.74	NJ
EPD-WA-01-041323	TO-15	75-28-5	ISOBUTANE	4.4	NJ				4.4	NJ
EPD-WA-01-041323	TO-15	109-66-0	PENTANE	6.4	NJ				6.4	NJ
EPD-WA-01-041323	TO-15	107-83-5	PENTANE, 2-METHYL-	3.0	NJ				3.0	NJ
EPD-WA-01-041323	TO-15	NA	UNKNOWN TIC	1.3	J				1.3	J
EPD-WA-01-041323	TO-15	NA	UNKNOWN TIC	1.1	J				1.1	J
EPD-WA-01-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-01-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.038	J	0.032	0.19	UG/M3	0.038	J
EPD-WA-01-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.030	0.15	UG/M3	0.15	U
EPD-WA-01-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-01-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-WA-01-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.048	0.22	UG/M3	0.22	U
EPD-WA-01-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.071	J	0.022	0.11	UG/M3	0.071	J
EPD-WA-01-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.092	0.17	UG/M3	0.17	U
EPD-WA-01-041323	TO-15 SIM	71-43-2	BENZENE	1.6		0.043	0.22	UG/M3	1.6	
EPD-WA-01-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.033	0.18	UG/M3	0.36	J-
EPD-WA-01-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-01-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.093	J	0.022	0.14	UG/M3	0.093	J
EPD-WA-01-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.96	J	0.14	1.4	UG/M3	0.96	J
EPD-WA-01-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-WA-01-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.39		0.0086	0.12	UG/M3	0.39	
EPD-WA-01-041323	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.028	0.20	UG/M3	0.11	J
EPD-WA-01-041323	TO-15 SIM	75-71-8	FREON 12	1.9		0.020	0.35	UG/M3	1.9	
EPD-WA-01-041323	TO-15 SIM	179601-23-	M,P-XYLENE	1.4		0.018	0.24	UG/M3	1.4	
EPD-WA-01-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.50	U	0.019	0.50	UG/M3	0.50	U
EPD-WA-01-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.49		0.068	0.37	UG/M3	0.49	J
EPD-WA-01-041323	TO-15 SIM	95-47-6	O-XYLENE	0.60		0.015	0.12	UG/M3	0.60	
EPD-WA-01-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.096	J	0.0073	0.19	UG/M3	0.096	J
EPD-WA-01-041323	TO-15 SIM	108-88-3	TOLUENE	3.2		0.018	0.26	UG/M3	3.2	
EPD-WA-01-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.26	J	0.017	0.56	UG/M3	0.26	J
EPD-WA-01-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.015	J	0.013	0.15	UG/M3	0.015	J
EPD-WA-01-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	2.1		0.026	0.036	UG/M3	2.1	
EPD-WA-04-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.3	U	0.70	5.3	UG/M3	5.3	U
EPD-WA-04-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.51	J	0.17	0.70	UG/M3	0.51	J

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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.85	U	0.18	0.85	UG/M3	0.85	U
EPD-WA-04-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.66	U	0.23	0.66	UG/M3	0.66	U
EPD-WA-04-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.70	U	0.22	0.70	UG/M3	0.70	U
EPD-WA-04-041323	TO-15	106-99-0	1,3-BUTADIENE	0.14	J	0.13	0.31	UG/M3	0.14	J
EPD-WA-04-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.85	U	0.18	0.85	UG/M3	0.85	U
EPD-WA-04-041323	TO-15	123-91-1	1,4-DIOXANE	0.51	U	0.28	0.51	UG/M3	0.51	U
EPD-WA-04-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	0.97	J	0.47	3.3	UG/M3	0.97	J
EPD-WA-04-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	1.2	J	0.47	2.1	UG/M3	1.2	J
EPD-WA-04-041323	TO-15	591-78-6	2-HEXANONE	2.9	U	0.59	2.9	UG/M3	2.9	U
EPD-WA-04-041323	TO-15	67-63-0	2-PROPANOL	1.1	J	0.38	7.0	UG/M3	1.1	J
EPD-WA-04-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.2	U	0.48	2.2	UG/M3	2.2	U
EPD-WA-04-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.55	J	0.16	0.70	UG/M3	0.55	J
EPD-WA-04-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.58	U	0.12	0.58	UG/M3	0.58	U
EPD-WA-04-041323	TO-15	67-64-1	ACETONE	15		0.95	6.7	UG/M3	15	
EPD-WA-04-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.74	U	0.39	0.74	UG/M3	0.74	U
EPD-WA-04-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	0.95	U	0.20	0.95	UG/M3	0.95	U
EPD-WA-04-041323	TO-15	75-25-2	BROMOFORM	1.5	U	0.33	1.5	UG/M3	1.5	U
EPD-WA-04-041323	TO-15	74-83-9	BROMOMETHANE	28	U	2.1	28	UG/M3	28	U
EPD-WA-04-041323	TO-15	75-15-0	CARBON DISULFIDE	0.80	J	0.29	2.2	UG/M3	2.2	U
EPD-WA-04-041323	TO-15	108-90-7	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-04-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.64	U	0.20	0.64	UG/M3	0.64	U
EPD-WA-04-041323	TO-15	98-82-8	CUMENE	0.70	U	0.10	0.70	UG/M3	0.70	U
EPD-WA-04-041323	TO-15	110-82-7	CYCLOHEXANE	2.4	U	0.26	2.4	UG/M3	2.4	U
EPD-WA-04-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.2	U	0.25	1.2	UG/M3	1.2	U
EPD-WA-04-041323	TO-15	64-17-5	ETHANOL	8.6		1.4	5.4	UG/M3	8.6	
EPD-WA-04-041323	TO-15	75-69-4	FREON 11	0.99		0.12	0.80	UG/M3	0.99	
EPD-WA-04-041323	TO-15	76-13-1	FREON 113	0.41	J	0.14	1.1	UG/M3	0.41	J
EPD-WA-04-041323	TO-15	142-82-5	HEPTANE	1.2	J	0.59	2.9	UG/M3	1.2	J
EPD-WA-04-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	7.6	U	0.64	7.6	UG/M3	7.6	U
EPD-WA-04-041323	TO-15	110-54-3	HEXANE	2.0	J	0.42	2.5	UG/M3	2.0	J
EPD-WA-04-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.57	J	0.37	0.99	UG/M3	0.57	J
EPD-WA-04-041323	TO-15	103-65-1	PROPYLBENZENE	0.70	U	0.26	0.70	UG/M3	0.70	U
EPD-WA-04-041323	TO-15	100-42-5	STYRENE	0.60	U	0.11	0.60	UG/M3	0.60	U
EPD-WA-04-041323	TO-15	109-99-9	TETRAHYDROFURAN	2.1	U	1.3	2.1	UG/M3	2.1	U
EPD-WA-04-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-04-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U				0	U,NF

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-041323	TO-15	106-97-8	BUTANE	9.2	NJ				9.2	NJ
EPD-WA-04-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	8.6	NJ				8.6	NJ
EPD-WA-04-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U				0	U,NF
EPD-WA-04-041323	TO-15	921-47-1	HEXANE, 2,3,4-TRIMETHYL-	1.5	NJ				1.5	NJ
EPD-WA-04-041323	TO-15	75-28-5	ISOBUTANE	3.3	NJ				3.3	NJ
EPD-WA-04-041323	TO-15	109-66-0	PENTANE	4.4	NJ				4.4	NJ
EPD-WA-04-041323	TO-15	107-83-5	PENTANE, 2-METHYL-	2.5	NJ				2.5	NJ
EPD-WA-04-041323	TO-15	96-14-0	PENTANE, 3-METHYL-	2.0	NJ				2.0	NJ
EPD-WA-04-041323	TO-15	NA	UNKNOWN TIC	2.8	J				2.8	J
EPD-WA-04-041323	TO-15	NA	UNKNOWN TIC	1.3	J				1.3	J
EPD-WA-04-041323	TO-15	NA	UNKNOWN TIC	1.4	J				1.4	J
EPD-WA-04-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U
EPD-WA-04-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.033	0.19	UG/M3	0.19	U
EPD-WA-04-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.15	U	0.031	0.15	UG/M3	0.15	U
EPD-WA-04-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-04-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-WA-04-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.22	U	0.049	0.22	UG/M3	0.22	U
EPD-WA-04-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.070	J	0.022	0.11	UG/M3	0.070	J
EPD-WA-04-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.17	U	0.093	0.17	UG/M3	0.17	U
EPD-WA-04-041323	TO-15 SIM	71-43-2	BENZENE	1.8		0.044	0.23	UG/M3	1.8	
EPD-WA-04-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.36		0.033	0.18	UG/M3	0.36	J-
EPD-WA-04-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.19	U	0.11	0.19	UG/M3	0.19	U
EPD-WA-04-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.084	J	0.022	0.14	UG/M3	0.084	J
EPD-WA-04-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.94	J	0.14	1.5	UG/M3	0.94	J
EPD-WA-04-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-WA-04-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.52		0.0088	0.12	UG/M3	0.52	
EPD-WA-04-041323	TO-15 SIM	76-14-2	FREON 114	0.097	J	0.028	0.20	UG/M3	0.097	J
EPD-WA-04-041323	TO-15 SIM	75-71-8	FREON 12	1.8		0.020	0.35	UG/M3	1.8	
EPD-WA-04-041323	TO-15 SIM	179601-23-	M,P-XYLENE	1.9		0.018	0.25	UG/M3	1.9	
EPD-WA-04-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.51	U	0.019	0.51	UG/M3	0.51	U
EPD-WA-04-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.34	J	0.070	0.37	UG/M3	0.34	J
EPD-WA-04-041323	TO-15 SIM	95-47-6	O-XYLENE	0.75		0.015	0.12	UG/M3	0.75	
EPD-WA-04-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.082	J	0.0074	0.19	UG/M3	0.082	J
EPD-WA-04-041323	TO-15 SIM	108-88-3	TOLUENE	3.4		0.018	0.27	UG/M3	3.4	
EPD-WA-04-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.19	J	0.017	0.56	UG/M3	0.19	J
EPD-WA-04-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.15	U	0.014	0.15	UG/M3	0.15	U

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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	1.6		0.026	0.036	UG/M3	1.6	
EPD-WA-06-041323	TO-15	120-82-1	1,2,4-TRICHLOROBENZENE	5.6	U	1.4	5.6	UG/M3	5.6	U
EPD-WA-06-041323	TO-15	95-63-6	1,2,4-TRIMETHYLBENZENE	0.56	J	0.22	0.74	UG/M3	0.56	J
EPD-WA-06-041323	TO-15	95-50-1	1,2-DICHLOROBENZENE	0.90	U	0.11	0.90	UG/M3	0.90	U
EPD-WA-06-041323	TO-15	78-87-5	1,2-DICHLOROPROPANE	0.69	U	0.11	0.69	UG/M3	0.69	U
EPD-WA-06-041323	TO-15	108-67-8	1,3,5-TRIMETHYLBENZENE	0.21	J	0.15	0.74	UG/M3	0.21	J
EPD-WA-06-041323	TO-15	106-99-0	1,3-BUTADIENE	0.33	U	0.032	0.33	UG/M3	0.33	U
EPD-WA-06-041323	TO-15	541-73-1	1,3-DICHLOROBENZENE	0.90	U	0.10	0.90	UG/M3	0.90	U
EPD-WA-06-041323	TO-15	123-91-1	1,4-DIOXANE	0.54	U	0.086	0.54	UG/M3	0.54	U
EPD-WA-06-041323	TO-15	540-84-1	2,2,4-TRIMETHYLPENTANE	3.5	U	0.56	3.5	UG/M3	3.5	U
EPD-WA-06-041323	TO-15	78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	0.42	J	0.34	2.2	UG/M3	0.42	J
EPD-WA-06-041323	TO-15	591-78-6	2-HEXANONE	3.1	U	0.48	3.1	UG/M3	3.1	U
EPD-WA-06-041323	TO-15	67-63-0	2-PROPANOL	7.4	U	0.42	7.4	UG/M3	7.4	U
EPD-WA-06-041323	TO-15	107-05-1	3-CHLOROPROPENE	2.3	U	0.47	2.3	UG/M3	2.3	U
EPD-WA-06-041323	TO-15	622-96-8	4-ETHYLTOLUENE	0.38	J	0.14	0.74	UG/M3	0.38	J
EPD-WA-06-041323	TO-15	108-10-1	4-METHYL-2-PENTANONE	0.61	U	0.22	0.61	UG/M3	0.61	U
EPD-WA-06-041323	TO-15	67-64-1	ACETONE	5.7	J	0.82	7.1	UG/M3	5.7	J
EPD-WA-06-041323	TO-15	100-44-7	ALPHA-CHLOROTOLUENE	0.78	U	0.14	0.78	UG/M3	0.78	U
EPD-WA-06-041323	TO-15	75-27-4	BROMODICHLOROMETHANE	1.0	U	0.16	1.0	UG/M3	1.0	U
EPD-WA-06-041323	TO-15	75-25-2	BROMOFORM	1.6	U	0.43	1.6	UG/M3	1.6	U
EPD-WA-06-041323	TO-15	74-83-9	BROMOMETHANE	29	U	0.84	29	UG/M3	29	U
EPD-WA-06-041323	TO-15	75-15-0	CARBON DISULFIDE	2.3	U	0.67	2.3	UG/M3	2.3	U
EPD-WA-06-041323	TO-15	108-90-7	CHLOROBENZENE	0.69	U	0.054	0.69	UG/M3	0.69	U
EPD-WA-06-041323	TO-15	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	0.13	0.68	UG/M3	0.68	U
EPD-WA-06-041323	TO-15	98-82-8	CUMENE	0.74	U	0.093	0.74	UG/M3	0.74	U
EPD-WA-06-041323	TO-15	110-82-7	CYCLOHEXANE	2.6	U	0.25	2.6	UG/M3	2.6	U
EPD-WA-06-041323	TO-15	124-48-1	DIBROMOCHLOROMETHANE	1.3	U	0.22	1.3	UG/M3	1.3	U
EPD-WA-06-041323	TO-15	64-17-5	ETHANOL	10	JO	0.68	5.6	UG/M3	10	J
EPD-WA-06-041323	TO-15	75-69-4	FREON 11	1.2		0.066	0.84	UG/M3	1.2	
EPD-WA-06-041323	TO-15	76-13-1	FREON 113	0.52	J	0.20	1.1	UG/M3	0.52	J
EPD-WA-06-041323	TO-15	142-82-5	HEPTANE	3.1	U	0.38	3.1	UG/M3	3.1	U
EPD-WA-06-041323	TO-15	87-68-3	HEXACHLOROBUTADIENE	8.0	U	0.80	8.0	UG/M3	8.0	U
EPD-WA-06-041323	TO-15	110-54-3	HEXANE	0.56	J	0.41	2.6	UG/M3	0.56	J
EPD-WA-06-041323	TO-15	75-09-2	METHYLENE CHLORIDE	0.69	J	0.59	1.0	UG/M3	0.69	J
EPD-WA-06-041323	TO-15	103-65-1	PROPYLBENZENE	0.74	U	0.16	0.74	UG/M3	0.74	U
EPD-WA-06-041323	TO-15	100-42-5	STYRENE	0.64	U	0.093	0.64	UG/M3	0.64	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY
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Sample ID	Method	CAS_No	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-041323	TO-15	109-99-9	TETRAHYDROFURAN	2.2	U	0.36	2.2	UG/M3	2.2	U
EPD-WA-06-041323	TO-15	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.68	U	0.17	0.68	UG/M3	0.68	U
EPD-WA-06-041323	TO-15	104-76-7	2-ETHYL-1-HEXANOL	0	U				0	U,NF
EPD-WA-06-041323	TO-15	106-97-8	BUTANE	1.5	NJ				1.5	NJ
EPD-WA-06-041323	TO-15	78-78-4	BUTANE, 2-METHYL-	1.6	NJ				1.6	NJ
EPD-WA-06-041323	TO-15	141-32-2	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U				0	U,NF
EPD-WA-06-041323	TO-15	75-28-5	ISOBUTANE	0.87	NJ				0.87	NJ
EPD-WA-06-041323	TO-15	109-66-0	PENTANE	0.81	NJ				0.81	NJ
EPD-WA-06-041323	TO-15 SIM	71-55-6	1,1,1-TRICHLOROETHANE	0.16	U	0.014	0.16	UG/M3	0.16	U
EPD-WA-06-041323	TO-15 SIM	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.20	U	0.050	0.20	UG/M3	0.20	U
EPD-WA-06-041323	TO-15 SIM	79-00-5	1,1,2-TRICHLOROETHANE	0.16	U	0.019	0.16	UG/M3	0.16	U
EPD-WA-06-041323	TO-15 SIM	75-34-3	1,1-DICHLOROETHANE	0.12	U	0.012	0.12	UG/M3	0.12	U
EPD-WA-06-041323	TO-15 SIM	75-35-4	1,1-DICHLOROETHENE	0.059	U	0.015	0.059	UG/M3	0.059	U
EPD-WA-06-041323	TO-15 SIM	106-93-4	1,2-DIBROMOETHANE (EDB)	0.23	U	0.031	0.23	UG/M3	0.23	U
EPD-WA-06-041323	TO-15 SIM	107-06-2	1,2-DICHLOROETHANE	0.083	J	0.014	0.12	UG/M3	0.083	J
EPD-WA-06-041323	TO-15 SIM	106-46-7	1,4-DICHLOROBENZENE	0.18	U	0.077	0.18	UG/M3	0.18	U
EPD-WA-06-041323	TO-15 SIM	71-43-2	BENZENE	1.1		0.023	0.24	UG/M3	1.1	
EPD-WA-06-041323	TO-15 SIM	56-23-5	CARBON TETRACHLORIDE	0.49		0.013	0.19	UG/M3	0.49	
EPD-WA-06-041323	TO-15 SIM	75-00-3	CHLOROETHANE	0.20	U	0.010	0.20	UG/M3	0.20	U
EPD-WA-06-041323	TO-15 SIM	67-66-3	CHLOROFORM	0.090	J	0.016	0.15	UG/M3	0.090	J
EPD-WA-06-041323	TO-15 SIM	74-87-3	CHLOROMETHANE	0.81	J	0.19	1.5	UG/M3	0.81	J
EPD-WA-06-041323	TO-15 SIM	156-59-2	CIS-1,2-DICHLOROETHENE	0.12	U	0.015	0.12	UG/M3	0.12	U
EPD-WA-06-041323	TO-15 SIM	100-41-4	ETHYL BENZENE	0.26		0.019	0.13	UG/M3	0.26	
EPD-WA-06-041323	TO-15 SIM	76-14-2	FREON 114	0.11	J	0.023	0.21	UG/M3	0.11	J
EPD-WA-06-041323	TO-15 SIM	75-71-8	FREON 12	2.2		0.015	0.37	UG/M3	2.2	
EPD-WA-06-041323	TO-15 SIM	179601-23-	M,P-XYLENE	0.90		0.025	0.26	UG/M3	0.90	
EPD-WA-06-041323	TO-15 SIM	1634-04-4	METHYL TERT-BUTYL ETHER	0.54	U	0.010	0.54	UG/M3	0.54	U
EPD-WA-06-041323	TO-15 SIM	91-20-3	NAPHTHALENE	0.44		0.12	0.39	UG/M3	0.44	
EPD-WA-06-041323	TO-15 SIM	95-47-6	O-XYLENE	0.36		0.022	0.13	UG/M3	0.36	
EPD-WA-06-041323	TO-15 SIM	127-18-4	TETRACHLOROETHENE	0.15	J	0.029	0.20	UG/M3	0.15	J
EPD-WA-06-041323	TO-15 SIM	108-88-3	TOLUENE	2.2		0.020	0.28	UG/M3	2.2	
EPD-WA-06-041323	TO-15 SIM	156-60-5	TRANS-1,2-DICHLOROETHENE	0.59	U	0.0089	0.59	UG/M3	0.59	U
EPD-WA-06-041323	TO-15 SIM	79-01-6	TRICHLOROETHENE	0.16	U	0.026	0.16	UG/M3	0.16	U
EPD-WA-06-041323	TO-15 SIM	75-01-4	VINYL CHLORIDE	0.13		0.011	0.038	UG/M3	0.13	