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R5\_EastPalestine@epa.gov

April 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 Reports  
E Palestine Site - ER  
EPA Contract No.: 68HE0519D0005  
Task Order/Task Order Line Item No.: 68HE0520F0032/0001EB201  
Document Tracking No. 1732**

Dear Mr. Peters:

Tetra Tech, Inc. (Tetra Tech) is submitting these data validation reports for twenty-six air samples collected at the E Palestine site. The samples were collected on March 22-24, 2023 and were analyzed for volatile organic compounds by Eurofins Air Toxics, LLC. The final laboratory data package was received on March 26, 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 EPA *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,

A handwritten signature in black ink that reads 'Shanna M Vasser'.

Shanna M Vasser, PE  
Civil Engineer

Enclosure

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

**ATTACHMENT**

**DATA VALIDATION REPORTS  
EUROFINS AIR TOXICS, LLC REPORT NOS. 2303530, 2303552A  
AND 2303586**

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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	1732a		<b>Technical Reviewer (signature and date)</b>	<i>S. Ramam Vasser</i> 4/3/2023
<b>Data Reviewer (signature and date)</b>	<i>Amr Hassan</i> March 28, 2023	<i>S. Wang</i> 3/29/23	<b>Laboratory</b>	Eurofins Air Toxics, LLC, Folsom, CA
<b>Laboratory Report No.</b>	2303530			
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes			
<b>Samples and Matrix</b>	Nine air samples, including one field duplicate			
<b>Collection Date(s)</b>	03/22/2023			
<b>Field Duplicate Pairs</b>	EPD-WA-03-032223/EPD-WA-33-032223			
<b>Field QC Blanks</b>	None			

**INTRODUCTION**

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, 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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	No LCS/LCSD RPDs were provided in the Level II laboratory report. The lab provided RPDs separately. No qualifications were applied.

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

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

Within Criteria	Exceedance/Notes
N	<p>The canister receipt vacuum/pressure values in the laboratory report are positive and should not be. The laboratory was contacted and confirmed that the all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi).</p> <p>The ending field-measured residual canister vacuum listed on the COC form for EPD-WA-01-032223 was -1.5 ”Hg (outside the -2 to -10 ”Hg residual vacuum acceptance criteria). The ending field-measured residual canister vacuum listed on the COC form for EPD-UW-F-032223 was -0.5 ”Hg (outside the -2 to -10 ”Hg residual vacuum acceptance criteria). The ending field-measured residual canister vacuum listed on the COC form for EPD-DW-B-032223 was -1 ”Hg (outside the -2 to -10 ”Hg residual vacuum acceptance criteria). These small residual vacuums suggest that the canisters may have filled completely before the end of the intended sampling period and may not be representative of the matrix conditions during the entire sampling period. The analytical results for these samples should be used with this possibility in mind.</p>

**Method blanks:**

Within Criteria	Exceedance/Notes
N	<p>TO-15 SIM (2303530-10B): Trichloroethene and tetrachloroethene 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"> <li>• The tetrachloroethene result in EPD-WA-06-032223 was qualified as estimated with a high bias (flagged J+).</li> <li>• The tetrachloroethene result in EPD-DW-B-032223, EPD-UW-F-032223, EPD-WA-03-032223, EPD-WA-04-032223, EPD-WA-05-032223, and EPD-WA-33-032223 were qualified as not detected (flagged U) at the RL.</li> <li>• The trichloroethene results were all nondetect, therefore no qualifications were applied.</li> </ul>

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

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

**Surrogates and labeled compounds:**

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

**MS/MSDs:**

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

**Laboratory duplicates:**

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

**Field duplicates:**

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

**LCSs/LCSDs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	<p>TO-15 scan (2303530-12A): The relative percent difference (RPD) between LCS/LCSD is greater than QC limits for 1,2,4-trichlorobenzene and hexachlorobutadiene. 1,2,4-trichlorobenzene and hexachlorobutadiene field sample results were all nondetect; therefore, no qualifications were applied.</p> <p>TO-15 SIM (2303530-12B): The RPD between LCS/LCSD was greater than QC limits for naphthalene. The naphthalene results in all samples were qualified as estimated (flagged J).</p>

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

**Sample dilutions:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-B-032223 was 1.26.</li> <li>• EPD-UW-F-032223 was 1.29.</li> <li>• EPD-WA-01-032223 was 1.26.</li> <li>• EPD-WA-02-032223 was 1.34.</li> <li>• EPD-WA-03-032223 was 1.34.</li> <li>• EPD-WA-04-032223 was 1.36.</li> <li>• EPD-WA-05-032223 was 1.26.</li> <li>• EPD-WA-06-032223 was 1.31.</li> <li>• EPD-WA-33-032223 was 1.39.</li> </ul>

**Re-extraction and reanalysis:**

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

**MDLs/RLs:**

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

**Tentatively identified compounds:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
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 nine samples and butyl acrylate in all samples except EPD-WA-03-032223 and EPD-WA-33-032223 were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

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

**Other [Interference]:**

Within Criteria	Exceedance/Notes
N	The 4-ethyltoluene results in EPD-WA-04-032223, EPD-WA-01-032223, and EPD-WA-06-032223 were laboratory-flagged with a "CN" flag to indicate a high bias due to matrix interference. The 4-ethyltoluene results in these samples were qualified as estimated with possible high bias (flagged J+).

**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. 2303530

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032223	TO-15	1,2,4-TRICHLOROBENZENE	4.7	U		1.2	4.7 UG/M3	4.7	U
EPD-DW-B-032223	TO-15	1,2,4-TRIMETHYLBENZENE	0.21	J		0.18	0.62 UG/M3	0.21	J
EPD-DW-B-032223	TO-15	1,2-DICHLOROBENZENE	0.76	U		0.090	0.76 UG/M3	0.76	U
EPD-DW-B-032223	TO-15	1,2-DICHLOROPROPANE	0.58	U		0.096	0.58 UG/M3	0.58	U
EPD-DW-B-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.62	U		0.12	0.62 UG/M3	0.62	U
EPD-DW-B-032223	TO-15	1,3-BUTADIENE	0.063	J		0.027	0.28 UG/M3	0.063	J
EPD-DW-B-032223	TO-15	1,3-DICHLOROBENZENE	0.76	U		0.086	0.76 UG/M3	0.76	U
EPD-DW-B-032223	TO-15	1,4-DIOXANE	0.45	U		0.072	0.45 UG/M3	0.45	U
EPD-DW-B-032223	TO-15	2,2,4-TRIMETHYLPENTANE	2.9	U		0.48	2.9 UG/M3	2.9	U
EPD-DW-B-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.8	U		0.28	1.8 UG/M3	1.8	U
EPD-DW-B-032223	TO-15	2-HEXANONE	2.6	U		0.40	2.6 UG/M3	2.6	U
EPD-DW-B-032223	TO-15	2-PROPANOL	6.2	U		0.35	6.2 UG/M3	6.2	U
EPD-DW-B-032223	TO-15	3-CHLOROPROPENE	2.0	U		0.39	2.0 UG/M3	2.0	U
EPD-DW-B-032223	TO-15	4-ETHYLTOLUENE	0.19	J		0.12	0.62 UG/M3	0.19	J
EPD-DW-B-032223	TO-15	4-METHYL-2-PENTANONE	0.52	U		0.18	0.52 UG/M3	0.52	U
EPD-DW-B-032223	TO-15	ACETONE	4.3	J		0.69	6.0 UG/M3	4.3	J
EPD-DW-B-032223	TO-15	ALPHA-CHLOROTOLUENE	0.65	U		0.12	0.65 UG/M3	0.65	U
EPD-DW-B-032223	TO-15	BROMODICHLOROMETHANE	0.84	U		0.13	0.84 UG/M3	0.84	U
EPD-DW-B-032223	TO-15	BROMOFORM	1.3	U		0.36	1.3 UG/M3	1.3	U
EPD-DW-B-032223	TO-15	BROMOMETHANE	24	U		0.70	24 UG/M3	24	U
EPD-DW-B-032223	TO-15	CARBON DISULFIDE	2.0	U		0.56	2.0 UG/M3	2.0	U
EPD-DW-B-032223	TO-15	CHLOROBENZENE	0.58	U		0.045	0.58 UG/M3	0.58	U
EPD-DW-B-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.57	U		0.11	0.57 UG/M3	0.57	U
EPD-DW-B-032223	TO-15	CUMENE	0.62	U		0.078	0.62 UG/M3	0.62	U
EPD-DW-B-032223	TO-15	CYCLOHEXANE	2.2	U		0.21	2.2 UG/M3	2.2	U
EPD-DW-B-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U		0.19	1.1 UG/M3	1.1	U
EPD-DW-B-032223	TO-15	ETHANOL	1.3	J		0.58	4.7 UG/M3	1.3	J
EPD-DW-B-032223	TO-15	FREON 11	1.1		0.056	0.71	UG/M3	1.1	
EPD-DW-B-032223	TO-15	FREON 113	0.48	J		0.17	0.96 UG/M3	0.48	J
EPD-DW-B-032223	TO-15	HEPTANE	2.6	U		0.32	2.6 UG/M3	2.6	U
EPD-DW-B-032223	TO-15	HEXACHLOROBUTADIENE	6.7	U		0.67	6.7 UG/M3	6.7	U
EPD-DW-B-032223	TO-15	HEXANE	2.2	U		0.35	2.2 UG/M3	2.2	U
EPD-DW-B-032223	TO-15	METHYLENE CHLORIDE	0.88	U		0.50	0.88 UG/M3	0.88	U



E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2303530

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032223	TO-15	PROPYLBENZENE	0.62	U	0.14	0.62	UG/M3	0.62	U
EPD-DW-B-032223	TO-15	STYRENE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-DW-B-032223	TO-15	TETRAHYDROFURAN	1.8	U	0.30	1.8	UG/M3	1.8	U
EPD-DW-B-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.57	U	0.14	0.57	UG/M3	0.57	U
EPD-DW-B-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-B-032223	TO-15	BUTANE	0.93	NJ			PPBV	0.93	NJ
EPD-DW-B-032223	TO-15	BUTANE, 2-METHYL-	0.64	NJ			PPBV	0.64	NJ
EPD-DW-B-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-B-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-DW-B-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17	U	0.042	0.17	UG/M3	0.17	U
EPD-DW-B-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.016	0.14	UG/M3	0.14	U
EPD-DW-B-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.010	0.10	UG/M3	0.10	U
EPD-DW-B-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.050	U	0.013	0.050	UG/M3	0.050	U
EPD-DW-B-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.19	U	0.026	0.19	UG/M3	0.19	U
EPD-DW-B-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.068	J	0.012	0.10	UG/M3	0.068	J
EPD-DW-B-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.15	U	0.065	0.15	UG/M3	0.15	U
EPD-DW-B-032223	TO-15 SIM	BENZENE	0.87		0.020	0.20	UG/M3	0.87	
EPD-DW-B-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.46		0.011	0.16	UG/M3	0.46	
EPD-DW-B-032223	TO-15 SIM	CHLOROETHANE	0.17	U	0.0089	0.17	UG/M3	0.17	U
EPD-DW-B-032223	TO-15 SIM	CHLOROFORM	0.075	J	0.013	0.12	UG/M3	0.075	J
EPD-DW-B-032223	TO-15 SIM	CHLOROMETHANE	0.72	J	0.16	1.3	UG/M3	0.72	J
EPD-DW-B-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.013	0.10	UG/M3	0.10	U
EPD-DW-B-032223	TO-15 SIM	ETHYL BENZENE	0.15		0.016	0.11	UG/M3	0.15	
EPD-DW-B-032223	TO-15 SIM	FREON 114	0.10	J	0.019	0.18	UG/M3	0.10	J
EPD-DW-B-032223	TO-15 SIM	FREON 12	2.0		0.012	0.31	UG/M3	2.0	
EPD-DW-B-032223	TO-15 SIM	M,P-XYLENE	0.48		0.021	0.22	UG/M3	0.48	
EPD-DW-B-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.45	U	0.0084	0.45	UG/M3	0.45	U
EPD-DW-B-032223	TO-15 SIM	NAPHTHALENE	0.14	J	0.097	0.33	UG/M3	0.14	J
EPD-DW-B-032223	TO-15 SIM	O-XYLENE	0.17		0.019	0.11	UG/M3	0.17	
EPD-DW-B-032223	TO-15 SIM	TETRACHLOROETHENE	0.11	J	0.024	0.17	UG/M3	0.17	U
EPD-DW-B-032223	TO-15 SIM	TOLUENE	1.0		0.017	0.24	UG/M3	1.0	
EPD-DW-B-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.50	U	0.0075	0.50	UG/M3	0.50	U
EPD-DW-B-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.022	0.14	UG/M3	0.14	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2303530

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032223	TO-15 SIM	VINYL CHLORIDE	1.0		0.0090	0.032	UG/M3	1.0	
EPD-UW-F-032223	TO-15	1,2,4-TRICHLOROBENZENE	4.8	U	1.2		4.8 UG/M3	4.8	U
EPD-UW-F-032223	TO-15	1,2,4-TRIMETHYLBENZENE	0.57	J	0.19		0.63 UG/M3	0.57	J
EPD-UW-F-032223	TO-15	1,2-DICHLOROBENZENE	0.78	U	0.092		0.78 UG/M3	0.78	U
EPD-UW-F-032223	TO-15	1,2-DICHLOROPROPANE	0.60	U	0.098		0.60 UG/M3	0.60	U
EPD-UW-F-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.22	J	0.12		0.63 UG/M3	0.22	J
EPD-UW-F-032223	TO-15	1,3-BUTADIENE	0.12	J	0.028		0.28 UG/M3	0.12	J
EPD-UW-F-032223	TO-15	1,3-DICHLOROBENZENE	0.78	U	0.088		0.78 UG/M3	0.78	U
EPD-UW-F-032223	TO-15	1,4-DIOXANE	0.46	U	0.074		0.46 UG/M3	0.46	U
EPD-UW-F-032223	TO-15	2,2,4-TRIMETHYLPENTANE	3.0	U	0.49		3.0 UG/M3	3.0	U
EPD-UW-F-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.58	J	0.29		1.9 UG/M3	0.58	J
EPD-UW-F-032223	TO-15	2-HEXANONE	2.6	U	0.41		2.6 UG/M3	2.6	U
EPD-UW-F-032223	TO-15	2-PROPANOL	0.39	J	0.36		6.3 UG/M3	0.39	J
EPD-UW-F-032223	TO-15	3-CHLOROPROPENE	2.0	U	0.40		2.0 UG/M3	2.0	U
EPD-UW-F-032223	TO-15	4-ETHYLTOLUENE	0.44	J	0.12		0.63 UG/M3	0.44	J
EPD-UW-F-032223	TO-15	4-METHYL-2-PENTANONE	0.53	U	0.19		0.53 UG/M3	0.53	U
EPD-UW-F-032223	TO-15	ACETONE	3.7	J	0.70		6.1 UG/M3	3.7	J
EPD-UW-F-032223	TO-15	ALPHA-CHLOROTOLUENE	0.67	U	0.12		0.67 UG/M3	0.67	U
EPD-UW-F-032223	TO-15	BROMODICHLOROMETHANE	0.86	U	0.13		0.86 UG/M3	0.86	U
EPD-UW-F-032223	TO-15	BROMOFORM	1.3	U	0.37		1.3 UG/M3	1.3	U
EPD-UW-F-032223	TO-15	BROMOMETHANE	25	U	0.72		25 UG/M3	25	U
EPD-UW-F-032223	TO-15	CARBON DISULFIDE	2.0	U	0.58		2.0 UG/M3	2.0	U
EPD-UW-F-032223	TO-15	CHLOROBENZENE	0.59	U	0.046		0.59 UG/M3	0.59	U
EPD-UW-F-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.58	U	0.11		0.58 UG/M3	0.58	U
EPD-UW-F-032223	TO-15	CUMENE	0.63	U	0.080		0.63 UG/M3	0.63	U
EPD-UW-F-032223	TO-15	CYCLOHEXANE	2.2	U	0.22		2.2 UG/M3	2.2	U
EPD-UW-F-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.19		1.1 UG/M3	1.1	U
EPD-UW-F-032223	TO-15	ETHANOL	3.9	J	0.59		4.9 UG/M3	3.9	J
EPD-UW-F-032223	TO-15	FREON 11	1.2		0.057		0.72 UG/M3	1.2	
EPD-UW-F-032223	TO-15	FREON 113	0.49	J	0.17		0.99 UG/M3	0.49	J
EPD-UW-F-032223	TO-15	HEPTANE	0.34	J	0.32		2.6 UG/M3	0.34	J
EPD-UW-F-032223	TO-15	HEXACHLOROBUTADIENE	6.9	U	0.69		6.9 UG/M3	6.9	U
EPD-UW-F-032223	TO-15	HEXANE	0.70	J	0.35		2.3 UG/M3	0.70	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
EUROFINS AIR TOXICS, LLC REPORT NO. 2303530

Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032223	TO-15	METHYLENE CHLORIDE	0.90	U	0.51	0.90	UG/M3	0.90	U
EPD-UW-F-032223	TO-15	PROPYLBENZENE	0.63	U	0.14	0.63	UG/M3	0.63	U
EPD-UW-F-032223	TO-15	STYRENE	0.081	J	0.080	0.55	UG/M3	0.081	J
EPD-UW-F-032223	TO-15	TETRAHYDROFURAN	1.9	U	0.31	1.9	UG/M3	1.9	U
EPD-UW-F-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.58	U	0.14	0.58	UG/M3	0.58	U
EPD-UW-F-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-F-032223	TO-15	BUTANE	2.2	NJ			PPBV	2.2	NJ
EPD-UW-F-032223	TO-15	BUTANE, 2-METHYL-	1.6	NJ			PPBV	1.6	NJ
EPD-UW-F-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-F-032223	TO-15	ISOBUTANE	1	NJ			PPBV	1.0	NJ
EPD-UW-F-032223	TO-15	PENTANE	0.82	NJ			PPBV	0.82	NJ
EPD-UW-F-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-UW-F-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.043	0.18	UG/M3	0.18	U
EPD-UW-F-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.016	0.14	UG/M3	0.14	U
EPD-UW-F-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.010	0.10	UG/M3	0.10	U
EPD-UW-F-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.051	U	0.013	0.051	UG/M3	0.051	U
EPD-UW-F-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.027	0.20	UG/M3	0.20	U
EPD-UW-F-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.071	J	0.012	0.10	UG/M3	0.071	J
EPD-UW-F-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.066	0.16	UG/M3	0.16	U
EPD-UW-F-032223	TO-15 SIM	BENZENE	1.1		0.020	0.21	UG/M3	1.1	
EPD-UW-F-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.48		0.012	0.16	UG/M3	0.48	
EPD-UW-F-032223	TO-15 SIM	CHLOROETHANE	0.024	J	0.0091	0.17	UG/M3	0.024	J
EPD-UW-F-032223	TO-15 SIM	CHLOROFORM	0.073	J	0.013	0.12	UG/M3	0.073	J
EPD-UW-F-032223	TO-15 SIM	CHLOROMETHANE	0.77	J	0.16	1.3	UG/M3	0.77	J
EPD-UW-F-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.013	0.1	UG/M3	0.10	U
EPD-UW-F-032223	TO-15 SIM	ETHYL BENZENE	0.29		0.017	0.11	UG/M3	0.29	
EPD-UW-F-032223	TO-15 SIM	FREON 114	0.10	J	0.020	0.18	UG/M3	0.10	J
EPD-UW-F-032223	TO-15 SIM	FREON 12	2.0		0.013	0.32	UG/M3	2.0	
EPD-UW-F-032223	TO-15 SIM	M,P-XYLENE	1.1		0.022	0.22	UG/M3	1.1	
EPD-UW-F-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.46	U	0.0086	0.46	UG/M3	0.46	U
EPD-UW-F-032223	TO-15 SIM	NAPHTHALENE	0.21	J	0.099	0.34	UG/M3	0.21	J
EPD-UW-F-032223	TO-15 SIM	O-XYLENE	0.39		0.019	0.11	UG/M3	0.39	
EPD-UW-F-032223	TO-15 SIM	TETRACHLOROETHENE	0.17	J	0.025	0.18	UG/M3	0.18	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032223	TO-15 SIM	TOLUENE	1.9		0.017	0.24	UG/M3	1.9	
EPD-UW-F-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.51	U	0.0077	0.51	UG/M3	0.51	U
EPD-UW-F-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.022	0.14	UG/M3	0.14	U
EPD-UW-F-032223	TO-15 SIM	VINYL CHLORIDE	0.77		0.0092	0.033	UG/M3	0.77	
EPD-WA-01-032223	TO-15	1,2,4-TRICHLOROBENZENE	4.7	U	1.2	4.7	UG/M3	4.7	U
EPD-WA-01-032223	TO-15	1,2,4-TRIMETHYLBENZENE	1.4		0.18	0.62	UG/M3	1.4	
EPD-WA-01-032223	TO-15	1,2-DICHLOROBENZENE	0.76	U	0.090	0.76	UG/M3	0.76	U
EPD-WA-01-032223	TO-15	1,2-DICHLOROPROPANE	0.58	U	0.096	0.58	UG/M3	0.58	U
EPD-WA-01-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.37	J	0.12	0.62	UG/M3	0.37	J
EPD-WA-01-032223	TO-15	1,3-BUTADIENE	0.11	J	0.027	0.28	UG/M3	0.11	J
EPD-WA-01-032223	TO-15	1,3-DICHLOROBENZENE	0.76	U	0.086	0.76	UG/M3	0.76	U
EPD-WA-01-032223	TO-15	1,4-DIOXANE	0.45	U	0.072	0.45	UG/M3	0.45	U
EPD-WA-01-032223	TO-15	2,2,4-TRIMETHYLPENTANE	1.8	J	0.48	2.9	UG/M3	1.8	J
EPD-WA-01-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.8	U	0.28	1.8	UG/M3	1.8	U
EPD-WA-01-032223	TO-15	2-HEXANONE	2.6	U	0.40	2.6	UG/M3	2.6	U
EPD-WA-01-032223	TO-15	2-PROPANOL	6.2	U	0.35	6.2	UG/M3	6.2	U
EPD-WA-01-032223	TO-15	3-CHLOROPROPENE	2.0	U	0.39	2.0	UG/M3	2.0	U
EPD-WA-01-032223	TO-15	4-ETHYLTOLUENE	0.94	CN	0.12	0.62	UG/M3	0.94	J+
EPD-WA-01-032223	TO-15	4-METHYL-2-PENTANONE	0.52	U	0.18	0.52	UG/M3	0.52	U
EPD-WA-01-032223	TO-15	ACETONE	3.1	J	0.69	6.0	UG/M3	3.1	J
EPD-WA-01-032223	TO-15	ALPHA-CHLOROTOLUENE	0.65	U	0.12	0.65	UG/M3	0.65	U
EPD-WA-01-032223	TO-15	BROMODICHLOROMETHANE	0.84	U	0.13	0.84	UG/M3	0.84	U
EPD-WA-01-032223	TO-15	BROMOFORM	1.3	U	0.36	1.3	UG/M3	1.3	U
EPD-WA-01-032223	TO-15	BROMOMETHANE	24	U	0.70	24	UG/M3	24	U
EPD-WA-01-032223	TO-15	CARBON DISULFIDE	2.0	U	0.56	2.0	UG/M3	2.0	U
EPD-WA-01-032223	TO-15	CHLOROBENZENE	0.58	U	0.045	0.58	UG/M3	0.58	U
EPD-WA-01-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.57	U	0.11	0.57	UG/M3	0.57	U
EPD-WA-01-032223	TO-15	CUMENE	0.098	J	0.078	0.62	UG/M3	0.098	J
EPD-WA-01-032223	TO-15	CYCLOHEXANE	0.34	J	0.21	2.2	UG/M3	0.34	J
EPD-WA-01-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.19	1.1	UG/M3	1.1	U
EPD-WA-01-032223	TO-15	ETHANOL	6.6		0.58	4.7	UG/M3	6.6	
EPD-WA-01-032223	TO-15	FREON 11	1.1		0.056	0.71	UG/M3	1.1	
EPD-WA-01-032223	TO-15	FREON 113	0.49	J	0.17	0.96	UG/M3	0.49	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-032223	TO-15	HEPTANE	1.2	J	0.32	2.6	UG/M3	1.2	J
EPD-WA-01-032223	TO-15	HEXACHLOROBUTADIENE	6.7	U	0.67	6.7	UG/M3	6.7	U
EPD-WA-01-032223	TO-15	HEXANE	2.6		0.35	2.2	UG/M3	2.6	
EPD-WA-01-032223	TO-15	METHYLENE CHLORIDE	0.88	U	0.50	0.88	UG/M3	0.88	U
EPD-WA-01-032223	TO-15	PROPYLBENZENE	0.20	J	0.14	0.62	UG/M3	0.20	J
EPD-WA-01-032223	TO-15	STYRENE	0.54	U	0.078	0.54	UG/M3	0.54	U
EPD-WA-01-032223	TO-15	TETRAHYDROFURAN	1.8	U	0.30	1.8	UG/M3	1.8	U
EPD-WA-01-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.57	U	0.14	0.57	UG/M3	0.57	U
EPD-WA-01-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-032223	TO-15	BUTANE	6.1	NJ			PPBV	6.1	NJ
EPD-WA-01-032223	TO-15	BUTANE, 2-METHYL-	5.2	NJ			PPBV	5.2	NJ
EPD-WA-01-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-032223	TO-15	CYCLOPENTANE, METHYL-	0.65	NJ			PPBV	0.65	NJ
EPD-WA-01-032223	TO-15	HEXANE, 2-METHYL-	0.71	NJ			PPBV	0.71	NJ
EPD-WA-01-032223	TO-15	HEXANE, 3-METHYL-	0.73	NJ			PPBV	0.73	NJ
EPD-WA-01-032223	TO-15	ISOBUTANE	1.6	NJ			PPBV	1.6	NJ
EPD-WA-01-032223	TO-15	PENTANE	2.6	NJ			PPBV	2.6	NJ
EPD-WA-01-032223	TO-15	PENTANE, 2-METHYL-	1.6	NJ			PPBV	1.6	NJ
EPD-WA-01-032223	TO-15	PENTANE, 3-METHYL-	1.0	NJ			PPBV	1.0	NJ
EPD-WA-01-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-WA-01-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17	U	0.042	0.17	UG/M3	0.17	U
EPD-WA-01-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.016	0.14	UG/M3	0.14	U
EPD-WA-01-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.010	0.10	UG/M3	0.10	U
EPD-WA-01-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.050	U	0.013	0.050	UG/M3	0.050	U
EPD-WA-01-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.19	U	0.026	0.19	UG/M3	0.19	U
EPD-WA-01-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.070	J	0.012	0.10	UG/M3	0.070	J
EPD-WA-01-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.15	U	0.065	0.15	UG/M3	0.15	U
EPD-WA-01-032223	TO-15 SIM	BENZENE	1.6		0.020	0.20	UG/M3	1.6	
EPD-WA-01-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.46		0.011	0.16	UG/M3	0.46	
EPD-WA-01-032223	TO-15 SIM	CHLOROETHANE	0.021	J	0.0089	0.17	UG/M3	0.021	J
EPD-WA-01-032223	TO-15 SIM	CHLOROFORM	0.074	J	0.013	0.12	UG/M3	0.074	J
EPD-WA-01-032223	TO-15 SIM	CHLOROMETHANE	0.74	J	0.16	1.3	UG/M3	0.74	J
EPD-WA-01-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.013	0.1	UG/M3	0.10	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-032223	TO-15 SIM	ETHYL BENZENE	0.60		0.016	0.11	UG/M3	0.60	
EPD-WA-01-032223	TO-15 SIM	FREON 114	0.10	J	0.019	0.18	UG/M3	0.10	J
EPD-WA-01-032223	TO-15 SIM	FREON 12	2.0		0.012	0.31	UG/M3	2.0	
EPD-WA-01-032223	TO-15 SIM	M,P-XYLENE	2.3		0.021	0.22	UG/M3	2.3	
EPD-WA-01-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.45	U	0.0084	0.45	UG/M3	0.45	U
EPD-WA-01-032223	TO-15 SIM	NAPHTHALENE	0.18	J	0.097	0.33	UG/M3	0.18	J
EPD-WA-01-032223	TO-15 SIM	O-XYLENE	0.86		0.019	0.11	UG/M3	0.86	
EPD-WA-01-032223	TO-15 SIM	TETRACHLOROETHENE	0.46		0.024	0.17	UG/M3	0.46	
EPD-WA-01-032223	TO-15 SIM	TOLUENE	4.1		0.017	0.24	UG/M3	4.1	
EPD-WA-01-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.50	U	0.0075	0.50	UG/M3	0.50	U
EPD-WA-01-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.022	0.14	UG/M3	0.14	U
EPD-WA-01-032223	TO-15 SIM	VINYL CHLORIDE	3.3		0.0090	0.032	UG/M3	3.3	
EPD-WA-02-032223	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	1.2	5.0	UG/M3	5.0	U
EPD-WA-02-032223	TO-15	1,2,4-TRIMETHYLBENZENE	0.73		0.20	0.66	UG/M3	0.73	
EPD-WA-02-032223	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.096	0.80	UG/M3	0.80	U
EPD-WA-02-032223	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.10	0.62	UG/M3	0.62	U
EPD-WA-02-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.27	J	0.13	0.66	UG/M3	0.27	J
EPD-WA-02-032223	TO-15	1,3-BUTADIENE	0.15	J	0.029	0.30	UG/M3	0.15	J
EPD-WA-02-032223	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.091	0.80	UG/M3	0.80	U
EPD-WA-02-032223	TO-15	1,4-DIOXANE	0.079	J	0.077	0.48	UG/M3	0.079	J
EPD-WA-02-032223	TO-15	2,2,4-TRIMETHYLPENTANE	0.58	J	0.50	3.1	UG/M3	0.58	J
EPD-WA-02-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.55	J	0.30	2.0	UG/M3	0.55	J
EPD-WA-02-032223	TO-15	2-HEXANONE	2.7	U	0.42	2.7	UG/M3	2.7	U
EPD-WA-02-032223	TO-15	2-PROPANOL	6.6	U	0.37	6.6	UG/M3	6.6	U
EPD-WA-02-032223	TO-15	3-CHLOROPROPENE	2.1	U	0.42	2.1	UG/M3	2.1	U
EPD-WA-02-032223	TO-15	4-ETHYLTOLUENE	0.56	J	0.13	0.66	UG/M3	0.56	J
EPD-WA-02-032223	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.20	0.55	UG/M3	0.55	U
EPD-WA-02-032223	TO-15	ACETONE	4.7	J	0.73	6.4	UG/M3	4.7	J
EPD-WA-02-032223	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.13	0.69	UG/M3	0.69	U
EPD-WA-02-032223	TO-15	BROMODICHLOROMETHANE	0.90	U	0.14	0.90	UG/M3	0.90	U
EPD-WA-02-032223	TO-15	BROMOFORM	1.4	U	0.38	1.4	UG/M3	1.4	U
EPD-WA-02-032223	TO-15	BROMOMETHANE	26	U	0.75	26	UG/M3	26	U
EPD-WA-02-032223	TO-15	CARBON DISULFIDE	2.1	U	0.60	2.1	UG/M3	2.1	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-032223	TO-15	CHLOROBENZENE	0.62	U	0.048	0.62	UG/M3	0.62	U
EPD-WA-02-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.12	0.61	UG/M3	0.61	U
EPD-WA-02-032223	TO-15	CUMENE	0.66	U	0.083	0.66	UG/M3	0.66	U
EPD-WA-02-032223	TO-15	CYCLOHEXANE	2.3	U	0.22	2.3	UG/M3	2.3	U
EPD-WA-02-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.20	1.1	UG/M3	1.1	U
EPD-WA-02-032223	TO-15	ETHANOL	3.6	J	0.61	5.0	UG/M3	3.6	J
EPD-WA-02-032223	TO-15	FREON 11	1.1		0.059	0.75	UG/M3	1.1	
EPD-WA-02-032223	TO-15	FREON 113	0.44	J	0.18	1.0	UG/M3	0.44	J
EPD-WA-02-032223	TO-15	HEPTANE	0.44	J	0.34	2.7	UG/M3	0.44	J
EPD-WA-02-032223	TO-15	HEXACHLOROBUTADIENE	7.1	U	0.71	7.1	UG/M3	7.1	U
EPD-WA-02-032223	TO-15	HEXANE	0.89	J	0.37	2.4	UG/M3	0.89	J
EPD-WA-02-032223	TO-15	METHYLENE CHLORIDE	0.93	U	0.53	0.93	UG/M3	0.93	U
EPD-WA-02-032223	TO-15	PROPYLBENZENE	0.66	U	0.15	0.66	UG/M3	0.66	U
EPD-WA-02-032223	TO-15	STYRENE	0.14	J	0.083	0.57	UG/M3	0.14	J
EPD-WA-02-032223	TO-15	TETRAHYDROFURAN	2.0	U	0.32	2.0	UG/M3	2.0	U
EPD-WA-02-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.15	0.61	UG/M3	0.61	U
EPD-WA-02-032223	TO-15	UNKNOWN TIC	0.88	J			PPBV	0.88	J
EPD-WA-02-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-032223	TO-15	BUTANE	2.8	NJ			PPBV	2.8	NJ
EPD-WA-02-032223	TO-15	BUTANE, 2-METHYL-	2.2	NJ			PPBV	2.2	NJ
EPD-WA-02-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-032223	TO-15	ISOBUTANE	0.80	NJ			PPBV	0.80	NJ
EPD-WA-02-032223	TO-15	PENTANE	1.1	NJ			PPBV	1.1	NJ
EPD-WA-02-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-02-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.045	0.18	UG/M3	0.18	U
EPD-WA-02-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.017	0.15	UG/M3	0.15	U
EPD-WA-02-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-WA-02-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U	0.014	0.053	UG/M3	0.053	U
EPD-WA-02-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.028	0.20	UG/M3	0.20	U
EPD-WA-02-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.067	J	0.012	0.11	UG/M3	0.067	J
EPD-WA-02-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.069	0.16	UG/M3	0.16	U
EPD-WA-02-032223	TO-15 SIM	BENZENE	1.1		0.021	0.21	UG/M3	1.1	
EPD-WA-02-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.45		0.012	0.17	UG/M3	0.45	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-032223	TO-15 SIM	CHLOROETHANE	0.18	U	0.0094	0.18	UG/M3	0.18	U
EPD-WA-02-032223	TO-15 SIM	CHLOROFORM	0.067	J	0.014	0.13	UG/M3	0.067	J
EPD-WA-02-032223	TO-15 SIM	CHLOROMETHANE	0.72	J	0.17	1.4	UG/M3	0.72	J
EPD-WA-02-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-02-032223	TO-15 SIM	ETHYL BENZENE	0.35		0.017	0.12	UG/M3	0.35	
EPD-WA-02-032223	TO-15 SIM	FREON 114	0.099	J	0.02	0.19	UG/M3	0.099	J
EPD-WA-02-032223	TO-15 SIM	FREON 12	2.0		0.013	0.33	UG/M3	2.0	
EPD-WA-02-032223	TO-15 SIM	M,P-XYLENE	1.3		0.023	0.23	UG/M3	1.3	
EPD-WA-02-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.0090	0.48	UG/M3	0.48	U
EPD-WA-02-032223	TO-15 SIM	NAPHTHALENE	0.19	J	0.10	0.35	UG/M3	0.19	J
EPD-WA-02-032223	TO-15 SIM	O-XYLENE	0.49		0.020	0.12	UG/M3	0.49	
EPD-WA-02-032223	TO-15 SIM	TETRACHLOROETHENE	0.24		0.026	0.18	UG/M3	0.24	
EPD-WA-02-032223	TO-15 SIM	TOLUENE	2.3		0.018	0.25	UG/M3	2.3	
EPD-WA-02-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.53	U	0.0080	0.53	UG/M3	0.53	U
EPD-WA-02-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.023	0.14	UG/M3	0.14	U
EPD-WA-02-032223	TO-15 SIM	VINYL CHLORIDE	1.1		0.0096	0.034	UG/M3	1.1	
EPD-WA-03-032223	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	1.2	5.0	UG/M3	5.0	U
EPD-WA-03-032223	TO-15	1,2,4-TRIMETHYLBENZENE	0.34	J	0.20	0.66	UG/M3	0.34	J
EPD-WA-03-032223	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.096	0.80	UG/M3	0.80	U
EPD-WA-03-032223	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.10	0.62	UG/M3	0.62	U
EPD-WA-03-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.66	U	0.13	0.66	UG/M3	0.66	U
EPD-WA-03-032223	TO-15	1,3-BUTADIENE	0.060	J	0.029	0.30	UG/M3	0.060	J
EPD-WA-03-032223	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.091	0.80	UG/M3	0.80	U
EPD-WA-03-032223	TO-15	1,4-DIOXANE	0.48	U	0.077	0.48	UG/M3	0.48	U
EPD-WA-03-032223	TO-15	2,2,4-TRIMETHYLPENTANE	3.1	U	0.50	3.1	UG/M3	3.1	U
EPD-WA-03-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.40	J	0.30	2.0	UG/M3	0.40	J
EPD-WA-03-032223	TO-15	2-HEXANONE	2.7	U	0.42	2.7	UG/M3	2.7	U
EPD-WA-03-032223	TO-15	2-PROPANOL	6.6	U	0.37	6.6	UG/M3	6.6	U
EPD-WA-03-032223	TO-15	3-CHLOROPROPENE	2.1	U	0.42	2.1	UG/M3	2.1	U
EPD-WA-03-032223	TO-15	4-ETHYLTOLUENE	0.31	J	0.13	0.66	UG/M3	0.31	J
EPD-WA-03-032223	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.20	0.55	UG/M3	0.55	U
EPD-WA-03-032223	TO-15	ACETONE	4.4	J	0.73	6.4	UG/M3	4.4	J
EPD-WA-03-032223	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.13	0.69	UG/M3	0.69	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-032223	TO-15	BROMODICHLOROMETHANE	0.90	U	0.14	0.90	UG/M3	0.90	U
EPD-WA-03-032223	TO-15	BROMOFORM	1.4	U	0.38	1.4	UG/M3	1.4	U
EPD-WA-03-032223	TO-15	BROMOMETHANE	26	U	0.75	26	UG/M3	26	U
EPD-WA-03-032223	TO-15	CARBON DISULFIDE	2.1	U	0.60	2.1	UG/M3	2.1	U
EPD-WA-03-032223	TO-15	CHLOROBENZENE	0.62	U	0.048	0.62	UG/M3	0.62	U
EPD-WA-03-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.12	0.61	UG/M3	0.61	U
EPD-WA-03-032223	TO-15	CUMENE	0.66	U	0.083	0.66	UG/M3	0.66	U
EPD-WA-03-032223	TO-15	CYCLOHEXANE	2.3	U	0.22	2.3	UG/M3	2.3	U
EPD-WA-03-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.20	1.1	UG/M3	1.1	U
EPD-WA-03-032223	TO-15	ETHANOL	2.3	J	0.61	5.0	UG/M3	2.3	J
EPD-WA-03-032223	TO-15	FREON 11	1.1		0.059	0.75	UG/M3	1.1	
EPD-WA-03-032223	TO-15	FREON 113	0.52	J	0.18	1.0	UG/M3	0.52	J
EPD-WA-03-032223	TO-15	HEPTANE	2.7	U	0.34	2.7	UG/M3	2.7	U
EPD-WA-03-032223	TO-15	HEXACHLOROBUTADIENE	7.1	U	0.71	7.1	UG/M3	7.1	U
EPD-WA-03-032223	TO-15	HEXANE	0.39	J	0.37	2.4	UG/M3	0.39	J
EPD-WA-03-032223	TO-15	METHYLENE CHLORIDE	0.93	U	0.53	0.93	UG/M3	0.93	U
EPD-WA-03-032223	TO-15	PROPYLBENZENE	0.66	U	0.15	0.66	UG/M3	0.66	U
EPD-WA-03-032223	TO-15	STYRENE	0.10	J	0.083	0.57	UG/M3	0.10	J
EPD-WA-03-032223	TO-15	TETRAHYDROFURAN	2.0	U	0.32	2.0	UG/M3	2.0	U
EPD-WA-03-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.15	0.61	UG/M3	0.61	U
EPD-WA-03-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-032223	TO-15	2-PROPENOIC ACID, BUTYL ESTER	0.82	NJ			PPBV	0.82	NJ
EPD-WA-03-032223	TO-15	BUTANE	1.1	NJ			PPBV	1.1	NJ
EPD-WA-03-032223	TO-15	BUTANE, 2-METHYL-	0.76	NJ			PPBV	0.76	NJ
EPD-WA-03-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-03-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.045	0.18	UG/M3	0.18	U
EPD-WA-03-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.017	0.15	UG/M3	0.15	U
EPD-WA-03-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.011	0.11	UG/M3	0.11	U
EPD-WA-03-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U	0.014	0.053	UG/M3	0.053	U
EPD-WA-03-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.028	0.20	UG/M3	0.20	U
EPD-WA-03-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.071	J	0.012	0.11	UG/M3	0.071	J
EPD-WA-03-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.069	0.16	UG/M3	0.16	U
EPD-WA-03-032223	TO-15 SIM	BENZENE	1.4		0.021	0.21	UG/M3	1.4	

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.46		0.012	0.17	UG/M3	0.46	
EPD-WA-03-032223	TO-15 SIM	CHLOROETHANE	0.18	U	0.0094	0.18	UG/M3	0.18	U
EPD-WA-03-032223	TO-15 SIM	CHLOROFORM	0.069	J	0.014	0.13	UG/M3	0.069	J
EPD-WA-03-032223	TO-15 SIM	CHLOROMETHANE	0.72	J	0.17	1.4	UG/M3	0.72	J
EPD-WA-03-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-03-032223	TO-15 SIM	ETHYL BENZENE	0.19		0.017	0.12	UG/M3	0.19	
EPD-WA-03-032223	TO-15 SIM	FREON 114	0.099	J	0.020	0.19	UG/M3	0.099	J
EPD-WA-03-032223	TO-15 SIM	FREON 12	2.0		0.013	0.33	UG/M3	2.0	
EPD-WA-03-032223	TO-15 SIM	M,P-XYLENE	0.59		0.023	0.23	UG/M3	0.59	
EPD-WA-03-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.0090	0.48	UG/M3	0.48	U
EPD-WA-03-032223	TO-15 SIM	NAPHTHALENE	0.23	J	0.10	0.35	UG/M3	0.23	J
EPD-WA-03-032223	TO-15 SIM	O-XYLENE	0.23		0.020	0.12	UG/M3	0.23	
EPD-WA-03-032223	TO-15 SIM	TETRACHLOROETHENE	0.13	J	0.026	0.18	UG/M3	0.18	U
EPD-WA-03-032223	TO-15 SIM	TOLUENE	1.3		0.018	0.25	UG/M3	1.3	
EPD-WA-03-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.53	U	0.0080	0.53	UG/M3	0.53	U
EPD-WA-03-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.023	0.14	UG/M3	0.14	U
EPD-WA-03-032223	TO-15 SIM	VINYL CHLORIDE	4.6		0.0096	0.034	UG/M3	4.6	
EPD-WA-04-032223	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	1.2	5.0	UG/M3	5.0	U
EPD-WA-04-032223	TO-15	1,2,4-TRIMETHYLBENZENE	2.0		0.20	0.67	UG/M3	2.0	
EPD-WA-04-032223	TO-15	1,2-DICHLOROBENZENE	0.82	U	0.097	0.82	UG/M3	0.82	U
EPD-WA-04-032223	TO-15	1,2-DICHLOROPROPANE	0.63	U	0.10	0.63	UG/M3	0.63	U
EPD-WA-04-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.57	J	0.13	0.67	UG/M3	0.57	J
EPD-WA-04-032223	TO-15	1,3-BUTADIENE	0.24	J	0.029	0.30	UG/M3	0.24	J
EPD-WA-04-032223	TO-15	1,3-DICHLOROBENZENE	0.82	U	0.092	0.82	UG/M3	0.82	U
EPD-WA-04-032223	TO-15	1,4-DIOXANE	0.10	J	0.078	0.49	UG/M3	0.10	J
EPD-WA-04-032223	TO-15	2,2,4-TRIMETHYLPENTANE	1.6	J	0.51	3.2	UG/M3	1.6	J
EPD-WA-04-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.0	U	0.31	2.0	UG/M3	2.0	U
EPD-WA-04-032223	TO-15	2-HEXANONE	2.8	U	0.43	2.8	UG/M3	2.8	U
EPD-WA-04-032223	TO-15	2-PROPANOL	0.40	J	0.38	6.7	UG/M3	0.40	J
EPD-WA-04-032223	TO-15	3-CHLOROPROPENE	2.1	U	0.42	2.1	UG/M3	2.1	U
EPD-WA-04-032223	TO-15	4-ETHYLTOLUENE	1.5	CN	0.13	0.67	UG/M3	1.5	J+
EPD-WA-04-032223	TO-15	4-METHYL-2-PENTANONE	0.56	U	0.20	0.56	UG/M3	0.56	U
EPD-WA-04-032223	TO-15	ACETONE	4.0	J	0.74	6.5	UG/M3	4.0	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-032223	TO-15	ALPHA-CHLOROTOLUENE	0.70	U	0.13	0.70	UG/M3	0.70	U
EPD-WA-04-032223	TO-15	BROMODICHLOROMETHANE	0.91	U	0.14	0.91	UG/M3	0.91	U
EPD-WA-04-032223	TO-15	BROMOFORM	1.4	U	0.39	1.4	UG/M3	1.4	U
EPD-WA-04-032223	TO-15	BROMOMETHANE	26	U	0.76	26	UG/M3	26	U
EPD-WA-04-032223	TO-15	CARBON DISULFIDE	2.1	U	0.61	2.1	UG/M3	2.1	U
EPD-WA-04-032223	TO-15	CHLOROBENZENE	0.63	U	0.049	0.63	UG/M3	0.63	U
EPD-WA-04-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.62	U	0.12	0.62	UG/M3	0.62	U
EPD-WA-04-032223	TO-15	CUMENE	0.18	J	0.085	0.67	UG/M3	0.18	J
EPD-WA-04-032223	TO-15	CYCLOHEXANE	0.28	J	0.23	2.3	UG/M3	0.28	J
EPD-WA-04-032223	TO-15	DIBROMOCHLOROMETHANE	1.2	U	0.20	1.2	UG/M3	1.2	U
EPD-WA-04-032223	TO-15	ETHANOL	6.3		0.62	5.1	UG/M3	6.3	
EPD-WA-04-032223	TO-15	FREON 11	1.2		0.060	0.76	UG/M3	1.2	
EPD-WA-04-032223	TO-15	FREON 113	0.53	J	0.18	1.0	UG/M3	0.53	J
EPD-WA-04-032223	TO-15	HEPTANE	1.1	J	0.34	2.8	UG/M3	1.1	J
EPD-WA-04-032223	TO-15	HEXACHLOROBUTADIENE	7.2	U	0.72	7.2	UG/M3	7.2	U
EPD-WA-04-032223	TO-15	HEXANE	1.8	J	0.37	2.4	UG/M3	1.8	J
EPD-WA-04-032223	TO-15	METHYLENE CHLORIDE	0.96		0.54	0.94	UG/M3	0.96	
EPD-WA-04-032223	TO-15	PROPYLBENZENE	0.29	J	0.15	0.67	UG/M3	0.29	J
EPD-WA-04-032223	TO-15	STYRENE	0.17	J	0.084	0.58	UG/M3	0.17	J
EPD-WA-04-032223	TO-15	TETRAHYDROFURAN	2.0	U	0.32	2.0	UG/M3	2.0	U
EPD-WA-04-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.15	0.62	UG/M3	0.62	U
EPD-WA-04-032223	TO-15	UNKNOWN TIC	0.68	J			PPBV	0.68	J
EPD-WA-04-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-032223	TO-15	BUTANE	2.7	NJ			PPBV	2.7	NJ
EPD-WA-04-032223	TO-15	BUTANE, 2-METHYL-	2.7	NJ			PPBV	2.7	NJ
EPD-WA-04-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-032223	TO-15	ISOBUTANE	0.70	NJ			PPBV	0.70	NJ
EPD-WA-04-032223	TO-15	PENTANE	1.3	NJ			PPBV	1.3	NJ
EPD-WA-04-032223	TO-15	PENTANE, 2-METHYL-	1.1	NJ			PPBV	1.1	NJ
EPD-WA-04-032223	TO-15	PENTANE, 3-METHYL-	0.70	NJ			PPBV	0.70	NJ
EPD-WA-04-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.012	0.15	UG/M3	0.15	U
EPD-WA-04-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.045	0.19	UG/M3	0.19	U
EPD-WA-04-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.017	0.15	UG/M3	0.15	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.11 U		0.011	0.11	UG/M3	0.11 U	
EPD-WA-04-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.054 U		0.014	0.054	UG/M3	0.054 U	
EPD-WA-04-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21 U		0.028	0.21	UG/M3	0.21 U	
EPD-WA-04-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.070 J		0.013	0.11	UG/M3	0.070 J	
EPD-WA-04-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.16 U		0.070	0.16	UG/M3	0.16 U	
EPD-WA-04-032223	TO-15 SIM	BENZENE	2.0		0.021	0.22	UG/M3	2.0	
EPD-WA-04-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.47		0.012	0.17	UG/M3	0.47	
EPD-WA-04-032223	TO-15 SIM	CHLOROETHANE	0.18 U		0.0096	0.18	UG/M3	0.18 U	
EPD-WA-04-032223	TO-15 SIM	CHLOROFORM	0.076 J		0.014	0.13	UG/M3	0.076 J	
EPD-WA-04-032223	TO-15 SIM	CHLOROMETHANE	0.73 J		0.17	1.4	UG/M3	0.73 J	
EPD-WA-04-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11 U		0.014	0.11	UG/M3	0.11 U	
EPD-WA-04-032223	TO-15 SIM	ETHYL BENZENE	0.92		0.018	0.12	UG/M3	0.92	
EPD-WA-04-032223	TO-15 SIM	FREON 114	0.10 J		0.021	0.19	UG/M3	0.10 J	
EPD-WA-04-032223	TO-15 SIM	FREON 12	2.0		0.014	0.34	UG/M3	2.0	
EPD-WA-04-032223	TO-15 SIM	M,P-XYLENE	3.2		0.023	0.24	UG/M3	3.2	
EPD-WA-04-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.49 U		0.0091	0.49	UG/M3	0.49 U	
EPD-WA-04-032223	TO-15 SIM	NAPHTHALENE	0.20 J		0.10	0.36	UG/M3	0.20 J	
EPD-WA-04-032223	TO-15 SIM	O-XYLENE	1.2		0.020	0.12	UG/M3	1.2	
EPD-WA-04-032223	TO-15 SIM	TETRACHLOROETHENE	0.17 J		0.026	0.18	UG/M3	0.18 U	
EPD-WA-04-032223	TO-15 SIM	TOLUENE	4.7		0.018	0.26	UG/M3	4.7	
EPD-WA-04-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.54 U		0.0081	0.54	UG/M3	0.54 U	
EPD-WA-04-032223	TO-15 SIM	TRICHLOROETHENE	0.15 U		0.024	0.15	UG/M3	0.15 U	
EPD-WA-04-032223	TO-15 SIM	VINYL CHLORIDE	1.9		0.0097	0.035	UG/M3	1.9	
EPD-WA-05-032223	TO-15	1,2,4-TRICHLOROBENZENE	4.7 U		1.2	4.7	UG/M3	4.7 U	
EPD-WA-05-032223	TO-15	1,2,4-TRIMETHYLBENZENE	0.58 J		0.18	0.62	UG/M3	0.58 J	
EPD-WA-05-032223	TO-15	1,2-DICHLOROBENZENE	0.76 U		0.090	0.76	UG/M3	0.76 U	
EPD-WA-05-032223	TO-15	1,2-DICHLOROPROPANE	0.58 U		0.096	0.58	UG/M3	0.58 U	
EPD-WA-05-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.21 J		0.12	0.62	UG/M3	0.21 J	
EPD-WA-05-032223	TO-15	1,3-BUTADIENE	0.11 J		0.027	0.28	UG/M3	0.11 J	
EPD-WA-05-032223	TO-15	1,3-DICHLOROBENZENE	0.76 U		0.086	0.76	UG/M3	0.76 U	
EPD-WA-05-032223	TO-15	1,4-DIOXANE	0.45 U		0.072	0.45	UG/M3	0.45 U	
EPD-WA-05-032223	TO-15	2,2,4-TRIMETHYLPENTANE	2.9 U		0.48	2.9	UG/M3	2.9 U	
EPD-WA-05-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.32 J		0.28	1.8	UG/M3	0.32 J	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-032223	TO-15	2-HEXANONE	2.6	U	0.40		2.6 UG/M3	2.6	U
EPD-WA-05-032223	TO-15	2-PROPANOL	0.50	J	0.35		6.2 UG/M3	0.50	J
EPD-WA-05-032223	TO-15	3-CHLOROPROPENE	2.0	U	0.39		2.0 UG/M3	2.0	U
EPD-WA-05-032223	TO-15	4-ETHYLTOLUENE	0.46	J	0.12		0.62 UG/M3	0.46	J
EPD-WA-05-032223	TO-15	4-METHYL-2-PENTANONE	0.52	U	0.18		0.52 UG/M3	0.52	U
EPD-WA-05-032223	TO-15	ACETONE	4.1	J	0.69		6.0 UG/M3	4.1	J
EPD-WA-05-032223	TO-15	ALPHA-CHLOROTOLUENE	0.65	U	0.12		0.65 UG/M3	0.65	U
EPD-WA-05-032223	TO-15	BROMODICHLOROMETHANE	0.84	U	0.13		0.84 UG/M3	0.84	U
EPD-WA-05-032223	TO-15	BROMOFORM	1.3	U	0.36		1.3 UG/M3	1.3	U
EPD-WA-05-032223	TO-15	BROMOMETHANE	24	U	0.70		24 UG/M3	24	U
EPD-WA-05-032223	TO-15	CARBON DISULFIDE	2.0	U	0.56		2.0 UG/M3	2.0	U
EPD-WA-05-032223	TO-15	CHLOROBENZENE	0.58	U	0.045		0.58 UG/M3	0.58	U
EPD-WA-05-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.57	U	0.11		0.57 UG/M3	0.57	U
EPD-WA-05-032223	TO-15	CUMENE	0.62	U	0.078		0.62 UG/M3	0.62	U
EPD-WA-05-032223	TO-15	CYCLOHEXANE	2.2	U	0.21		2.2 UG/M3	2.2	U
EPD-WA-05-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.19		1.1 UG/M3	1.1	U
EPD-WA-05-032223	TO-15	ETHANOL	4.2	J	0.58		4.7 UG/M3	4.2	J
EPD-WA-05-032223	TO-15	FREON 11	1.1		0.056		0.71 UG/M3	1.1	
EPD-WA-05-032223	TO-15	FREON 113	0.53	J	0.17		0.96 UG/M3	0.53	J
EPD-WA-05-032223	TO-15	HEPTANE	0.34	J	0.32		2.6 UG/M3	0.34	J
EPD-WA-05-032223	TO-15	HEXACHLOROBUTADIENE	6.7	U	0.67		6.7 UG/M3	6.7	U
EPD-WA-05-032223	TO-15	HEXANE	0.65	J	0.35		2.2 UG/M3	0.65	J
EPD-WA-05-032223	TO-15	METHYLENE CHLORIDE	0.52	J	0.50		0.88 UG/M3	0.52	J
EPD-WA-05-032223	TO-15	PROPYLBENZENE	0.62	U	0.14		0.62 UG/M3	0.62	U
EPD-WA-05-032223	TO-15	STYRENE	0.085	J	0.078		0.54 UG/M3	0.085	J
EPD-WA-05-032223	TO-15	TETRAHYDROFURAN	1.8	U	0.30		1.8 UG/M3	1.8	U
EPD-WA-05-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.57	U	0.14		0.57 UG/M3	0.57	U
EPD-WA-05-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-032223	TO-15	BUTANE	1.9	NJ			PPBV	1.9	NJ
EPD-WA-05-032223	TO-15	BUTANE, 2-METHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-05-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-032223	TO-15	ISOBUTANE	0.72	NJ			PPBV	0.72	NJ
EPD-WA-05-032223	TO-15	PENTANE	0.77	NJ			PPBV	0.77	NJ

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-WA-05-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17	U	0.042	0.17	UG/M3	0.17	U
EPD-WA-05-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.016	0.14	UG/M3	0.14	U
EPD-WA-05-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.010	0.10	UG/M3	0.10	U
EPD-WA-05-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.050	U	0.013	0.050	UG/M3	0.050	U
EPD-WA-05-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.19	U	0.026	0.19	UG/M3	0.19	U
EPD-WA-05-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.069	J	0.012	0.10	UG/M3	0.069	J
EPD-WA-05-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.15	U	0.065	0.15	UG/M3	0.15	U
EPD-WA-05-032223	TO-15 SIM	BENZENE	1.1		0.020	0.20	UG/M3	1.1	
EPD-WA-05-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.46		0.011	0.16	UG/M3	0.46	
EPD-WA-05-032223	TO-15 SIM	CHLOROETHANE	0.17	U	0.0089	0.17	UG/M3	0.17	U
EPD-WA-05-032223	TO-15 SIM	CHLOROFORM	0.078	J	0.013	0.12	UG/M3	0.078	J
EPD-WA-05-032223	TO-15 SIM	CHLOROMETHANE	0.72	J	0.16	1.3	UG/M3	0.72	J
EPD-WA-05-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.013	0.10	UG/M3	0.10	U
EPD-WA-05-032223	TO-15 SIM	ETHYL BENZENE	0.35		0.016	0.11	UG/M3	0.35	
EPD-WA-05-032223	TO-15 SIM	FREON 114	0.10	J	0.019	0.18	UG/M3	0.10	J
EPD-WA-05-032223	TO-15 SIM	FREON 12	2.0		0.012	0.31	UG/M3	2.0	
EPD-WA-05-032223	TO-15 SIM	M,P-XYLENE	1.4		0.021	0.22	UG/M3	1.4	
EPD-WA-05-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.45	U	0.0084	0.45	UG/M3	0.45	U
EPD-WA-05-032223	TO-15 SIM	NAPHTHALENE	0.28	J	0.097	0.33	UG/M3	0.28	J
EPD-WA-05-032223	TO-15 SIM	O-XYLENE	0.47		0.019	0.11	UG/M3	0.47	
EPD-WA-05-032223	TO-15 SIM	TETRACHLOROETHENE	0.13	J	0.024	0.17	UG/M3	0.17	U
EPD-WA-05-032223	TO-15 SIM	TOLUENE	2.2		0.017	0.24	UG/M3	2.2	
EPD-WA-05-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.50	U	0.0075	0.50	UG/M3	0.50	U
EPD-WA-05-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.022	0.14	UG/M3	0.14	U
EPD-WA-05-032223	TO-15 SIM	VINYL CHLORIDE	0.30		0.0090	0.032	UG/M3	0.30	
EPD-WA-06-032223	TO-15	1,2,4-TRICHLOROBENZENE	4.9	U	1.2	4.9	UG/M3	4.9	U
EPD-WA-06-032223	TO-15	1,2,4-TRIMETHYLBENZENE	1.0		0.19	0.64	UG/M3	1.0	
EPD-WA-06-032223	TO-15	1,2-DICHLOROBENZENE	0.79	U	0.093	0.79	UG/M3	0.79	U
EPD-WA-06-032223	TO-15	1,2-DICHLOROPROPANE	0.60	U	0.10	0.60	UG/M3	0.60	U
EPD-WA-06-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.36	J	0.13	0.64	UG/M3	0.36	J
EPD-WA-06-032223	TO-15	1,3-BUTADIENE	0.20	J	0.028	0.29	UG/M3	0.20	J
EPD-WA-06-032223	TO-15	1,3-DICHLOROBENZENE	0.79	U	0.089	0.79	UG/M3	0.79	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-032223	TO-15	1,4-DIOXANE	0.47	U	0.075	0.47	UG/M3	0.47	U
EPD-WA-06-032223	TO-15	2,2,4-TRIMETHYLPENTANE	0.82	J	0.49	3.0	UG/M3	0.82	J
EPD-WA-06-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.43	J	0.30	1.9	UG/M3	0.43	J
EPD-WA-06-032223	TO-15	2-HEXANONE	2.7	U	0.42	2.7	UG/M3	2.7	U
EPD-WA-06-032223	TO-15	2-PROPANOL	6.4	U	0.36	6.4	UG/M3	6.4	U
EPD-WA-06-032223	TO-15	3-CHLOROPROPENE	2.0	U	0.41	2.0	UG/M3	2.0	U
EPD-WA-06-032223	TO-15	4-ETHYLTOLUENE	0.78	CN	0.12	0.64	UG/M3	0.78	J+
EPD-WA-06-032223	TO-15	4-METHYL-2-PENTANONE	0.54	U	0.19	0.54	UG/M3	0.54	U
EPD-WA-06-032223	TO-15	ACETONE	3.8	J	0.71	6.2	UG/M3	3.8	J
EPD-WA-06-032223	TO-15	ALPHA-CHLOROTOLUENE	0.68	U	0.12	0.68	UG/M3	0.68	U
EPD-WA-06-032223	TO-15	BROMODICHLOROMETHANE	0.88	U	0.14	0.88	UG/M3	0.88	U
EPD-WA-06-032223	TO-15	BROMOFORM	1.4	U	0.38	1.4	UG/M3	1.4	U
EPD-WA-06-032223	TO-15	BROMOMETHANE	25	U	0.73	25	UG/M3	25	U
EPD-WA-06-032223	TO-15	CARBON DISULFIDE	2.0	U	0.58	2.0	UG/M3	2.0	U
EPD-WA-06-032223	TO-15	CHLOROBENZENE	0.60	U	0.047	0.60	UG/M3	0.60	U
EPD-WA-06-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.59	U	0.12	0.59	UG/M3	0.59	U
EPD-WA-06-032223	TO-15	CUMENE	0.64	U	0.082	0.64	UG/M3	0.64	U
EPD-WA-06-032223	TO-15	CYCLOHEXANE	2.2	U	0.22	2.2	UG/M3	2.2	U
EPD-WA-06-032223	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.20	1.1	UG/M3	1.1	U
EPD-WA-06-032223	TO-15	ETHANOL	7.8		0.60	4.9	UG/M3	7.8	
EPD-WA-06-032223	TO-15	FREON 11	1.1		0.058	0.74	UG/M3	1.1	
EPD-WA-06-032223	TO-15	FREON 113	0.50	J	0.17	1.0	UG/M3	0.50	J
EPD-WA-06-032223	TO-15	HEPTANE	0.67	J	0.33	2.7	UG/M3	0.67	J
EPD-WA-06-032223	TO-15	HEXACHLOROBUTADIENE	7.0	U	0.70	7.0	UG/M3	7.0	U
EPD-WA-06-032223	TO-15	HEXANE	1.0	J	0.36	2.3	UG/M3	1.0	J
EPD-WA-06-032223	TO-15	METHYLENE CHLORIDE	0.91	U	0.52	0.91	UG/M3	0.91	U
EPD-WA-06-032223	TO-15	PROPYLBENZENE	0.64	U	0.14	0.64	UG/M3	0.64	U
EPD-WA-06-032223	TO-15	STYRENE	0.10	J	0.081	0.56	UG/M3	0.10	J
EPD-WA-06-032223	TO-15	TETRAHYDROFURAN	0.39	J	0.31	1.9	UG/M3	0.39	J
EPD-WA-06-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.59	U	0.15	0.59	UG/M3	0.59	U
EPD-WA-06-032223	TO-15	UNKNOWN TIC	1.4	J			PPBV	1.4	J
EPD-WA-06-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-032223	TO-15	BUTANE	2.7	NJ			PPBV	2.7	NJ

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-032223	TO-15	BUTANE, 2-METHYL-	2.1	NJ			PPBV	2.1	NJ
EPD-WA-06-032223	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-032223	TO-15	ISOBUTANE	0.86	NJ			PPBV	0.86	NJ
EPD-WA-06-032223	TO-15	PENTANE	1.0	NJ			PPBV	1.0	NJ
EPD-WA-06-032223	TO-15	PENTANE, 2-METHYL-	0.70	NJ			PPBV	0.70	NJ
EPD-WA-06-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-WA-06-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.044	0.18	UG/M3	0.18	U
EPD-WA-06-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.016	0.14	UG/M3	0.14	U
EPD-WA-06-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.010	0.11	UG/M3	0.11	U
EPD-WA-06-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.052	U	0.013	0.052	UG/M3	0.052	U
EPD-WA-06-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.027	0.20	UG/M3	0.20	U
EPD-WA-06-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.069	J	0.012	0.11	UG/M3	0.069	J
EPD-WA-06-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.068	0.16	UG/M3	0.16	U
EPD-WA-06-032223	TO-15 SIM	BENZENE	1.9		0.020	0.21	UG/M3	1.9	
EPD-WA-06-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.46		0.012	0.16	UG/M3	0.46	
EPD-WA-06-032223	TO-15 SIM	CHLOROETHANE	0.17	U	0.0092	0.17	UG/M3	0.17	U
EPD-WA-06-032223	TO-15 SIM	CHLOROFORM	0.072	J	0.014	0.13	UG/M3	0.072	J
EPD-WA-06-032223	TO-15 SIM	CHLOROMETHANE	0.73	J	0.16	1.4	UG/M3	0.73	J
EPD-WA-06-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.014	0.10	UG/M3	0.10	U
EPD-WA-06-032223	TO-15 SIM	ETHYL BENZENE	0.55		0.017	0.11	UG/M3	0.55	
EPD-WA-06-032223	TO-15 SIM	FREON 114	0.10	J	0.020	0.18	UG/M3	0.10	J
EPD-WA-06-032223	TO-15 SIM	FREON 12	2.0		0.013	0.32	UG/M3	2.0	
EPD-WA-06-032223	TO-15 SIM	M,P-XYLENE	1.7		0.022	0.23	UG/M3	1.7	
EPD-WA-06-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.47	U	0.0088	0.47	UG/M3	0.47	U
EPD-WA-06-032223	TO-15 SIM	NAPHTHALENE	0.37		0.10	0.34	UG/M3	0.37	J
EPD-WA-06-032223	TO-15 SIM	O-XYLENE	0.65		0.019	0.11	UG/M3	0.65	
EPD-WA-06-032223	TO-15 SIM	TETRACHLOROETHENE	0.20		0.025	0.18	UG/M3	0.20	J+
EPD-WA-06-032223	TO-15 SIM	TOLUENE	3.2		0.018	0.25	UG/M3	3.2	
EPD-WA-06-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.52	U	0.0078	0.52	UG/M3	0.52	U
EPD-WA-06-032223	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.023	0.14	UG/M3	0.14	U
EPD-WA-06-032223	TO-15 SIM	VINYL CHLORIDE	2.5		0.0093	0.033	UG/M3	2.5	
EPD-WA-33-032223	TO-15	1,2,4-TRICHLOROBENZENE	5.2	U	1.3	5.2	UG/M3	5.2	U
EPD-WA-33-032223	TO-15	1,2,4-TRIMETHYLBENZENE	0.35	J	0.20	0.68	UG/M3	0.35	J




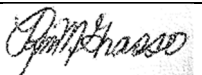
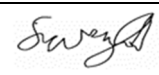
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-032223	TO-15	1,2-DICHLOROBENZENE	0.84	U	0.099	0.84	UG/M3	0.84	U
EPD-WA-33-032223	TO-15	1,2-DICHLOROPROPANE	0.64	U	0.10	0.64	UG/M3	0.64	U
EPD-WA-33-032223	TO-15	1,3,5-TRIMETHYLBENZENE	0.68	U	0.14	0.68	UG/M3	0.68	U
EPD-WA-33-032223	TO-15	1,3-BUTADIENE	0.059	J	0.03	0.31	UG/M3	0.059	J
EPD-WA-33-032223	TO-15	1,3-DICHLOROBENZENE	0.84	U	0.095	0.84	UG/M3	0.84	U
EPD-WA-33-032223	TO-15	1,4-DIOXANE	0.50	U	0.080	0.50	UG/M3	0.50	U
EPD-WA-33-032223	TO-15	2,2,4-TRIMETHYLPENTANE	3.2	U	0.52	3.2	UG/M3	3.2	U
EPD-WA-33-032223	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.41	J	0.31	2.0	UG/M3	0.41	J
EPD-WA-33-032223	TO-15	2-HEXANONE	2.8	U	0.44	2.8	UG/M3	2.8	U
EPD-WA-33-032223	TO-15	2-PROPANOL	6.8	U	0.38	6.8	UG/M3	6.8	U
EPD-WA-33-032223	TO-15	3-CHLOROPROPENE	2.2	U	0.43	2.2	UG/M3	2.2	U
EPD-WA-33-032223	TO-15	4-ETHYLTOLUENE	0.29	J	0.13	0.68	UG/M3	0.29	J
EPD-WA-33-032223	TO-15	4-METHYL-2-PENTANONE	0.57	U	0.20	0.57	UG/M3	0.57	U
EPD-WA-33-032223	TO-15	ACETONE	4.9	J	0.76	6.6	UG/M3	4.9	J
EPD-WA-33-032223	TO-15	ALPHA-CHLOROTOLUENE	0.72	U	0.13	0.72	UG/M3	0.72	U
EPD-WA-33-032223	TO-15	BROMODICHLOROMETHANE	0.93	U	0.14	0.93	UG/M3	0.93	U
EPD-WA-33-032223	TO-15	BROMOFORM	1.4	U	0.40	1.4	UG/M3	1.4	U
EPD-WA-33-032223	TO-15	BROMOMETHANE	27	U	0.78	27	UG/M3	27	U
EPD-WA-33-032223	TO-15	CARBON DISULFIDE	2.2	U	0.62	2.2	UG/M3	2.2	U
EPD-WA-33-032223	TO-15	CHLOROBENZENE	0.64	U	0.050	0.64	UG/M3	0.64	U
EPD-WA-33-032223	TO-15	CIS-1,3-DICHLOROPROPENE	0.63	U	0.12	0.63	UG/M3	0.63	U
EPD-WA-33-032223	TO-15	CUMENE	0.68	U	0.086	0.68	UG/M3	0.68	U
EPD-WA-33-032223	TO-15	CYCLOHEXANE	2.4	U	0.23	2.4	UG/M3	2.4	U
EPD-WA-33-032223	TO-15	DIBROMOCHLOROMETHANE	1.2	U	0.21	1.2	UG/M3	1.2	U
EPD-WA-33-032223	TO-15	ETHANOL	2.0	J	0.63	5.2	UG/M3	2.0	J
EPD-WA-33-032223	TO-15	FREON 11	1.1		0.062	0.78	UG/M3	1.1	
EPD-WA-33-032223	TO-15	FREON 113	0.53	J	0.18	1.1	UG/M3	0.53	J
EPD-WA-33-032223	TO-15	HEPTANE	2.8	U	0.35	2.8	UG/M3	2.8	U
EPD-WA-33-032223	TO-15	HEXACHLOROBUTADIENE	7.4	U	0.74	7.4	UG/M3	7.4	U
EPD-WA-33-032223	TO-15	HEXANE	0.45	J	0.38	2.4	UG/M3	0.45	J
EPD-WA-33-032223	TO-15	METHYLENE CHLORIDE	0.96	U	0.55	0.96	UG/M3	0.96	U
EPD-WA-33-032223	TO-15	PROPYLBENZENE	0.68	U	0.15	0.68	UG/M3	0.68	U
EPD-WA-33-032223	TO-15	STYRENE	0.10	J	0.086	0.59	UG/M3	0.10	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-032223	TO-15	TETRAHYDROFURAN	2.0	U		0.33	2.0 UG/M3	2.0	U
EPD-WA-33-032223	TO-15	TRANS-1,3-DICHLOROPROPENE	0.63	U		0.16	0.63 UG/M3	0.63	U
EPD-WA-33-032223	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-33-032223	TO-15	2-PROPENOIC ACID, BUTYL ESTER	0.73	NJ			PPBV	0.73	NJ
EPD-WA-33-032223	TO-15	BUTANE	1.1	NJ			PPBV	1.1	NJ
EPD-WA-33-032223	TO-15	BUTANE, 2-METHYL-	0.74	NJ			PPBV	0.74	NJ
EPD-WA-33-032223	TO-15	UNKNOWN TIC	0.78	J			PPBV	0.78	J
EPD-WA-33-032223	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.013		0.15 UG/M3	0.15	U
EPD-WA-33-032223	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.046		0.19 UG/M3	0.19	U
EPD-WA-33-032223	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.018		0.15 UG/M3	0.15	U
EPD-WA-33-032223	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.011		0.11 UG/M3	0.11	U
EPD-WA-33-032223	TO-15 SIM	1,1-DICHLOROETHENE	0.055	U	0.014		0.055 UG/M3	0.055	U
EPD-WA-33-032223	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21	U	0.029		0.21 UG/M3	0.21	U
EPD-WA-33-032223	TO-15 SIM	1,2-DICHLOROETHANE	0.069	J	0.013		0.11 UG/M3	0.069	J
EPD-WA-33-032223	TO-15 SIM	1,4-DICHLOROBENZENE	0.17	U	0.072		0.17 UG/M3	0.17	U
EPD-WA-33-032223	TO-15 SIM	BENZENE	1.3		0.022		0.22 UG/M3	1.3	
EPD-WA-33-032223	TO-15 SIM	CARBON TETRACHLORIDE	0.45		0.012		0.17 UG/M3	0.45	
EPD-WA-33-032223	TO-15 SIM	CHLOROETHANE	0.18	U	0.0098		0.18 UG/M3	0.18	U
EPD-WA-33-032223	TO-15 SIM	CHLOROFORM	0.069	J	0.014		0.14 UG/M3	0.069	J
EPD-WA-33-032223	TO-15 SIM	CHLOROMETHANE	0.74	J	0.17		1.4 UG/M3	0.74	J
EPD-WA-33-032223	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.014		0.11 UG/M3	0.11	U
EPD-WA-33-032223	TO-15 SIM	ETHYL BENZENE	0.19		0.018		0.12 UG/M3	0.19	
EPD-WA-33-032223	TO-15 SIM	FREON 114	0.099	J	0.021		0.19 UG/M3	0.099	J
EPD-WA-33-032223	TO-15 SIM	FREON 12	2.0		0.014		0.34 UG/M3	2.0	
EPD-WA-33-032223	TO-15 SIM	M,P-XYLENE	0.56		0.024		0.24 UG/M3	0.56	
EPD-WA-33-032223	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.50	U	0.0093		0.50 UG/M3	0.50	U
EPD-WA-33-032223	TO-15 SIM	NAPHTHALENE	0.23	J	0.11		0.36 UG/M3	0.23	J
EPD-WA-33-032223	TO-15 SIM	O-XYLENE	0.22		0.020		0.12 UG/M3	0.22	
EPD-WA-33-032223	TO-15 SIM	TETRACHLOROETHENE	0.12	J	0.027		0.19 UG/M3	0.12	J
EPD-WA-33-032223	TO-15 SIM	TOLUENE	1.3		0.019		0.26 UG/M3	1.3	
EPD-WA-33-032223	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.55	U	0.0083		0.55 UG/M3	0.55	U
EPD-WA-33-032223	TO-15 SIM	TRICHLOROETHENE	0.15	U	0.024		0.15 UG/M3	0.15	U
EPD-WA-33-032223	TO-15 SIM	VINYL CHLORIDE	4.6		0.0099		0.036 UG/M3	4.6	

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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	1732b		<b>Technical Reviewer (signature and date)</b>	 4/4/2023
<b>Data Reviewer (signature and date)</b>	 March 28, 2023	 3/30/23	<b>Laboratory</b>	Eurofins Air Toxics, LLC, Folsom CA
<b>Laboratory Report No.</b>	2303552A		<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes
<b>Samples and Matrix</b>	Eight air samples, including one field duplicate			
<b>Collection Date(s)</b>	03/23/2023			
<b>Field Duplicate Pairs</b>	EPD-WA-05-032323/EPD-WA-55-032323			
<b>Field QC Blanks</b>	None			

**INTRODUCTION**

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, 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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	No LCS RPDs were provided in the Level II laboratory report. The lab provided RPDs separately. No qualifications were applied.  EPD-WA-06-032323 is listed on the chain of custody (COC) but was not included in the data package.

**DATA VALIDATION CHECKLIST – STAGE 2A  
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**Sample preservation, receipt, and holding times:**

Within Criteria	Exceedance/Notes
N	<p>The canister receipt vacuum/pressure values in the laboratory report are positive and should not be. The laboratory was contacted and confirmed that the all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi).</p> <p>The ending field-measured residual canister vacuum listed on the COC form for EPD-WA-01-032323 was -18.5 ”Hg,. The ending field-measured residual canister vacuum listed on the COC form for EPD-WA-03-032323 was -11 ”Hg. These large residual vacuums suggests that the canister filled more slowly than intended over the allotted time and therefore the sample volume is lower than planned. The lower volume may have affected analytical sensitivity (possibly leading to elevated method detection limit (MDL) and reporting limit (RL) values). Also, the sample may not be representative of the full collection period. These analytical results should be used with caution.</p> <p>The ending field-measured residual canister vacuum listed on the COC form for EPD-WA-02-032323 was -1”Hg (outside the -2 to 10 ”Hg residual vacuum acceptance criteria). This small residual vacuum suggests that the canister may have been filled completely before the end of the intended sampling period and may not be representative of the matrix conditions during the entire sampling period. The analytical results for this sample should be used with this possibility in mind.</p>

**Method blanks:**

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2303552A-10A): Acetone and carbon disulfide were detected in the method blank at levels between the MDL and RL.</p> <ul style="list-style-type: none"> <li>• The carbon disulfide results in all samples were qualified as not detected (flagged U) at the RL.</li> <li>• The acetone results in all samples except EPD-DW-B-032323 and EPD-WA-02-032323 were qualified as not detected (flagged U) at the RL.</li> </ul> <p>TO-15 SIM (2303552A-10B): Trans-1,2-dichloroethene, trichloroethene, tetrachloroethene, 1,2-dibromoethane, and 1,1,2,2-tetrachloroethane were detected in the method blank at levels between the MDL and RL.</p> <ul style="list-style-type: none"> <li>• The tetrachloroethene results in all samples were qualified as not detected (flagged U) at the RL.</li> <li>• The trans-1,2-dichloroethene result in EPD-DW-B-032323 was qualified as not detected (flagged U) at the RL.</li> <li>• The trichloroethene result in EPD-UW-F-032323 was qualified as not detected (flagged U) at the RL.</li> <li>• All 1,1,2,2-tetrachloroethane results were nondetect; therefore, no qualifications were applied.</li> <li>• All 1,2-dibromoethane results were nondetect; therefore, no qualifications were applied.</li> </ul>

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

**Field blanks:**

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

**Surrogates and labeled compounds:**

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

**MS/MSDs:**

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

**Laboratory duplicates:**

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

**Field duplicates:**

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

**LCSs/LCSDs:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	TO-15 SIM (2303552A-12B): The LCS/LCSD recoveries were less than QC limits for carbon tetrachloride. The result for this analyte in all samples was qualified as estimated with a possible low bias (flagged J-).

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

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-B-032323 was 1.34.</li> <li>• EPD-UW-F-032323 was 1.31.</li> <li>• EPD-WA-01-032323 was 3.25.</li> <li>• EPD-WA-02-032323 was 1.29.</li> <li>• EPD-WA-03-032323 was 1.79.</li> <li>• EPD-WA-04-032323 was 1.33.</li> <li>• EPD-WA-05-032323 was 1.24.</li> <li>• EPD-WA-55-032323 was 1.35.</li> </ul>

**Re-extraction and reanalysis:**

Within Criteria	Exceedance/Notes
NA	

**MDLs/RLs:**

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

**Tentatively identified compounds:**

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in 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 eight samples and butyl acrylate in all samples except EPD-WA-03-032323 were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

**DATA VALIDATION CHECKLIST – STAGE 2A  
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**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  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032323	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	0.66	5.0	UG/M3	5.0	U
EPD-DW-B-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-DW-B-032323	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-DW-B-032323	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.22	0.62	UG/M3	0.62	U
EPD-DW-B-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-DW-B-032323	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-DW-B-032323	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-DW-B-032323	TO-15	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-DW-B-032323	TO-15	1-HEPTENE	0.78	NJ			PPBV	0.78	NJ
EPD-DW-B-032323	TO-15	2,2,4-TRIMETHYLPENTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-DW-B-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.80	J	0.44	2.0	UG/M3	0.80	J
EPD-DW-B-032323	TO-15	2-DECANONE	0.71	NJ			PPBV	0.71	NJ
EPD-DW-B-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-B-032323	TO-15	2-HEXANONE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-DW-B-032323	TO-15	2-PROPANOL	0.62	J	0.35	6.6	UG/M3	0.62	J
EPD-DW-B-032323	TO-15	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-DW-B-032323	TO-15	4-ETHYLTOLUENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-DW-B-032323	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.12	0.55	UG/M3	0.55	U
EPD-DW-B-032323	TO-15	ACETONE	8.0		0.90	6.4	UG/M3	8.0	
EPD-DW-B-032323	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.36	0.69	UG/M3	0.69	U
EPD-DW-B-032323	TO-15	BROMODICHLOROMETHANE	0.90	U	0.19	0.90	UG/M3	0.90	U
EPD-DW-B-032323	TO-15	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-DW-B-032323	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-DW-B-032323	TO-15	BUTANE, 2-METHYL-	0.68	NJ			PPBV	0.68	NJ
EPD-DW-B-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-B-032323	TO-15	CARBON DISULFIDE	0.47	J	0.27	2.1	UG/M3	0.47	J
EPD-DW-B-032323	TO-15	CHLOROBENZENE	0.62	U	0.18	0.62	UG/M3	0.62	U
EPD-DW-B-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-DW-B-032323	TO-15	CUMENE	0.66	U	0.099	0.66	UG/M3	0.66	U
EPD-DW-B-032323	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-DW-B-032323	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-DW-B-032323	TO-15	ETHANOL	5.0	U	1.4	5.0	UG/M3	5.0	U
EPD-DW-B-032323	TO-15	FREON 11	0.94		0.12	0.75	UG/M3	0.94	



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032323	TO-15	FREON 113	0.38	J		0.13	1.0 UG/M3	0.38	J
EPD-DW-B-032323	TO-15	HEPTANE	2.7	U		0.56	2.7 UG/M3	2.7	U
EPD-DW-B-032323	TO-15	HEXACHLOROBUTADIENE	7.1	U		0.60	7.1 UG/M3	7.1	U
EPD-DW-B-032323	TO-15	HEXANAL	1.2	NJ			PPBV	1.2	NJ
EPD-DW-B-032323	TO-15	HEXANE	2.4	U		0.39	2.4 UG/M3	2.4	U
EPD-DW-B-032323	TO-15	METHYLENE CHLORIDE	0.37	J		0.35	0.93 UG/M3	0.37	J
EPD-DW-B-032323	TO-15	NONANAL	0.98	NJ			PPBV	0.98	NJ
EPD-DW-B-032323	TO-15	OCTANAL	0.95	NJ			PPBV	0.95	NJ
EPD-DW-B-032323	TO-15	PROPYLBENZENE	0.66	U		0.24	0.66 UG/M3	0.66	U
EPD-DW-B-032323	TO-15	STYRENE	0.57	U		0.11	0.57 UG/M3	0.57	U
EPD-DW-B-032323	TO-15	TETRAHYDROFURAN	2.0	U		1.3	2.0 UG/M3	2.0	U
EPD-DW-B-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U		0.16	0.61 UG/M3	0.61	U
EPD-DW-B-032323	TO-15	UNKNOWN TIC	0.72	J			PPBV	0.72	J
EPD-DW-B-032323	TO-15	UNKNOWN TIC	1.2	J			PPBV	1.2	J
EPD-DW-B-032323	TO-15	UNKNOWN TIC	2.0	J			PPBV	2.0	J
EPD-DW-B-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U		0.020	0.15 UG/M3	0.15	U
EPD-DW-B-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U		0.031	0.18 UG/M3	0.18	U
EPD-DW-B-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U		0.029	0.15 UG/M3	0.15	U
EPD-DW-B-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U		0.013	0.11 UG/M3	0.11	U
EPD-DW-B-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U		0.027	0.053 UG/M3	0.053	U
EPD-DW-B-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U		0.046	0.20 UG/M3	0.20	U
EPD-DW-B-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.069	J		0.021	0.11 UG/M3	0.069	J
EPD-DW-B-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U		0.088	0.16 UG/M3	0.16	U
EPD-DW-B-032323	TO-15 SIM	BENZENE	0.37			0.041	0.21 UG/M3	0.37	
EPD-DW-B-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.37			0.031	0.17 UG/M3	0.37	J-
EPD-DW-B-032323	TO-15 SIM	CHLOROETHANE	0.18	U		0.11	0.18 UG/M3	0.18	U
EPD-DW-B-032323	TO-15 SIM	CHLOROFORM	0.056	J		0.021	0.13 UG/M3	0.056	J
EPD-DW-B-032323	TO-15 SIM	CHLOROMETHANE	0.92	J		0.14	1.4 UG/M3	0.92	J
EPD-DW-B-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U		0.023	0.11 UG/M3	0.11	U
EPD-DW-B-032323	TO-15 SIM	ETHYL BENZENE	0.049	J		0.0083	0.12 UG/M3	0.049	J
EPD-DW-B-032323	TO-15 SIM	FREON 114	0.098	J		0.026	0.19 UG/M3	0.098	J
EPD-DW-B-032323	TO-15 SIM	FREON 12	1.7			0.019	0.33 UG/M3	1.7	
EPD-DW-B-032323	TO-15 SIM	M,P-XYLENE	0.16	J		0.017	0.23 UG/M3	0.16	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-DW-B-032323	TO-15 SIM	NAPHTHALENE	0.35	U	0.066	0.35	UG/M3	0.35	U
EPD-DW-B-032323	TO-15 SIM	O-XYLENE	0.058	J	0.014	0.12	UG/M3	0.058	J
EPD-DW-B-032323	TO-15 SIM	TETRACHLOROETHENE	0.022	J	0.0070	0.18	UG/M3	0.18	U
EPD-DW-B-032323	TO-15 SIM	TOLUENE	0.37		0.017	0.25	UG/M3	0.37	
EPD-DW-B-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.10	J	0.016	0.53	UG/M3	0.53	U
EPD-DW-B-032323	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-DW-B-032323	TO-15 SIM	VINYL CHLORIDE	0.31		0.025	0.034	UG/M3	0.31	
EPD-UW-F-032323	TO-15	1,2,4-TRICHLOROBENZENE	4.9	U	0.64	4.9	UG/M3	4.9	U
EPD-UW-F-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.64	U	0.16	0.64	UG/M3	0.64	U
EPD-UW-F-032323	TO-15	1,2-DICHLOROBENZENE	0.79	U	0.17	0.79	UG/M3	0.79	U
EPD-UW-F-032323	TO-15	1,2-DICHLOROPROPANE	0.60	U	0.21	0.6	UG/M3	0.60	U
EPD-UW-F-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.64	U	0.20	0.64	UG/M3	0.64	U
EPD-UW-F-032323	TO-15	1,3-BUTADIENE	0.29	U	0.12	0.29	UG/M3	0.29	U
EPD-UW-F-032323	TO-15	1,3-DICHLOROBENZENE	0.79	U	0.16	0.79	UG/M3	0.79	U
EPD-UW-F-032323	TO-15	1,4-DIOXANE	0.47	U	0.26	0.47	UG/M3	0.47	U
EPD-UW-F-032323	TO-15	2,2,4-TRIMETHYLPENTANE	3.0	U	0.43	3.0	UG/M3	3.0	U
EPD-UW-F-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.9	U	0.43	1.9	UG/M3	1.9	U
EPD-UW-F-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-F-032323	TO-15	2-HEXANONE	2.7	U	0.54	2.7	UG/M3	2.7	U
EPD-UW-F-032323	TO-15	2-HEXENE, (Z)-	0.83	NJ			PPBV	0.83	NJ
EPD-UW-F-032323	TO-15	2-PROPANOL	6.4	U	0.35	6.4	UG/M3	6.4	U
EPD-UW-F-032323	TO-15	3-CHLOROPROPENE	2.0	U	0.45	2.0	UG/M3	2.0	U
EPD-UW-F-032323	TO-15	4-ETHYLTOLUENE	0.64	U	0.15	0.64	UG/M3	0.64	U
EPD-UW-F-032323	TO-15	4-METHYL-2-PENTANONE	0.54	U	0.11	0.54	UG/M3	0.54	U
EPD-UW-F-032323	TO-15	ACETONE	3.9	J	0.88	6.2	UG/M3	6.2	U
EPD-UW-F-032323	TO-15	ALPHA-CHLOROTOLUENE	0.68	U	0.36	0.68	UG/M3	0.68	U
EPD-UW-F-032323	TO-15	BROMODICHLOROMETHANE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-UW-F-032323	TO-15	BROMOFORM	1.4	U	0.31	1.4	UG/M3	1.4	U
EPD-UW-F-032323	TO-15	BROMOMETHANE	25	U	2.0	25	UG/M3	25	U
EPD-UW-F-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-F-032323	TO-15	CARBON DISULFIDE	0.42	J	0.27	2.0	UG/M3	2.0	U
EPD-UW-F-032323	TO-15	CHLOROBENZENE	0.60	U	0.17	0.60	UG/M3	0.60	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-UW-F-032323	TO-15	CUMENE	0.64	U	0.097	0.64	UG/M3	0.64	U
EPD-UW-F-032323	TO-15	CYCLOHEXANE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-UW-F-032323	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-UW-F-032323	TO-15	ETHANOL	4.9	U	1.3	4.9	UG/M3	4.9	U
EPD-UW-F-032323	TO-15	FREON 11	0.95		0.11	0.74	UG/M3	0.95	
EPD-UW-F-032323	TO-15	FREON 113	0.45	J	0.12	1.0	UG/M3	0.45	J
EPD-UW-F-032323	TO-15	HEPTANE	2.7	U	0.54	2.7	UG/M3	2.7	U
EPD-UW-F-032323	TO-15	HEXACHLOROBUTADIENE	7.0	U	0.58	7.0	UG/M3	7.0	U
EPD-UW-F-032323	TO-15	HEXANAL	0.91	NJ			PPBV	0.91	NJ
EPD-UW-F-032323	TO-15	HEXANE	2.3	U	0.38	2.3	UG/M3	2.3	U
EPD-UW-F-032323	TO-15	METHYLENE CHLORIDE	0.38	J	0.34	0.91	UG/M3	0.38	J
EPD-UW-F-032323	TO-15	NONANAL	2.0	NJ			PPBV	2.0	NJ
EPD-UW-F-032323	TO-15	PROPYLBENZENE	0.64	U	0.24	0.64	UG/M3	0.64	U
EPD-UW-F-032323	TO-15	STYRENE	0.56	U	0.10	0.56	UG/M3	0.56	U
EPD-UW-F-032323	TO-15	TETRAHYDROFURAN	1.9	U	1.2	1.9	UG/M3	1.9	U
EPD-UW-F-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.59	U	0.16	0.59	UG/M3	0.59	U
EPD-UW-F-032323	TO-15	UNKNOWN TIC	0.97	J			PPBV	0.97	J
EPD-UW-F-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.019	0.14	UG/M3	0.14	U
EPD-UW-F-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.030	0.18	UG/M3	0.18	U
EPD-UW-F-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.028	0.14	UG/M3	0.14	U
EPD-UW-F-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-UW-F-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.052	U	0.026	0.052	UG/M3	0.052	U
EPD-UW-F-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.045	0.20	UG/M3	0.20	U
EPD-UW-F-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.076	J	0.021	0.11	UG/M3	0.076	J
EPD-UW-F-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.086	0.16	UG/M3	0.16	U
EPD-UW-F-032323	TO-15 SIM	BENZENE	0.29		0.040	0.21	UG/M3	0.29	
EPD-UW-F-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.031	0.16	UG/M3	0.37	J-
EPD-UW-F-032323	TO-15 SIM	CHLOROETHANE	0.17	U	0.10	0.17	UG/M3	0.17	U
EPD-UW-F-032323	TO-15 SIM	CHLOROFORM	0.060	J	0.020	0.13	UG/M3	0.060	J
EPD-UW-F-032323	TO-15 SIM	CHLOROMETHANE	0.94	J	0.13	1.4	UG/M3	0.94	J
EPD-UW-F-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.022	0.10	UG/M3	0.10	U
EPD-UW-F-032323	TO-15 SIM	ETHYL BENZENE	0.024	J	0.0081	0.11	UG/M3	0.024	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032323	TO-15 SIM	FREON 114	0.091	J	0.026	0.18	UG/M3	0.091	J
EPD-UW-F-032323	TO-15 SIM	FREON 12	1.8		0.018	0.32	UG/M3	1.8	
EPD-UW-F-032323	TO-15 SIM	M,P-XYLENE	0.067	J	0.016	0.23	UG/M3	0.067	J
EPD-UW-F-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.47	U	0.018	0.47	UG/M3	0.47	U
EPD-UW-F-032323	TO-15 SIM	NAPHTHALENE	0.34	U	0.064	0.34	UG/M3	0.34	U
EPD-UW-F-032323	TO-15 SIM	O-XYLENE	0.026	J	0.014	0.11	UG/M3	0.026	J
EPD-UW-F-032323	TO-15 SIM	TETRACHLOROETHENE	0.027	J	0.0068	0.18	UG/M3	0.18	U
EPD-UW-F-032323	TO-15 SIM	TOLUENE	0.21	J	0.016	0.25	UG/M3	0.21	J
EPD-UW-F-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.52	U	0.016	0.52	UG/M3	0.52	U
EPD-UW-F-032323	TO-15 SIM	TRICHLOROETHENE	0.016	J	0.013	0.14	UG/M3	0.14	U
EPD-UW-F-032323	TO-15 SIM	VINYL CHLORIDE	0.033	U	0.024	0.033	UG/M3	0.033	U
EPD-WA-01-032323	TO-15	1,2,4-TRICHLOROBENZENE	12	U	1.6	12	UG/M3	12	U
EPD-WA-01-032323	TO-15	1,2,4-TRIMETHYLBENZENE	1.6	U	0.38	1.6	UG/M3	1.6	U
EPD-WA-01-032323	TO-15	1,2-DICHLOROBENZENE	2.0	U	0.42	2.0	UG/M3	2.0	U
EPD-WA-01-032323	TO-15	1,2-DICHLOROPROPANE	1.5	U	0.53	1.5	UG/M3	1.5	U
EPD-WA-01-032323	TO-15	1,3,5-TRIMETHYLBENZENE	1.6	U	0.49	1.6	UG/M3	1.6	U
EPD-WA-01-032323	TO-15	1,3-BUTADIENE	0.72	U	0.30	0.72	UG/M3	0.72	U
EPD-WA-01-032323	TO-15	1,3-DICHLOROBENZENE	2.0	U	0.41	2.0	UG/M3	2.0	U
EPD-WA-01-032323	TO-15	1,4-DIOXANE	1.2	U	0.64	1.2	UG/M3	1.2	U
EPD-WA-01-032323	TO-15	2,2,4-TRIMETHYLPENTANE	7.6	U	1.1	7.6	UG/M3	7.6	U
EPD-WA-01-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	4.8	U	1.1	4.8	UG/M3	4.8	U
EPD-WA-01-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-032323	TO-15	2-HEXANONE	6.6	U	1.4	6.6	UG/M3	6.6	U
EPD-WA-01-032323	TO-15	2-PROPANOL	16	U	0.86	16	UG/M3	16	U
EPD-WA-01-032323	TO-15	3-CHLOROPROPENE	5.1	U	1.1	5.1	UG/M3	5.1	U
EPD-WA-01-032323	TO-15	4-ETHYLTOLUENE	1.6	U	0.38	1.6	UG/M3	1.6	U
EPD-WA-01-032323	TO-15	4-METHYL-2-PENTANONE	1.3	U	0.28	1.3	UG/M3	1.3	U
EPD-WA-01-032323	TO-15	ACETONE	8.4	J	2.2	15	UG/M3	15	U
EPD-WA-01-032323	TO-15	ALPHA-CHLOROTOLUENE	1.7	U	0.88	1.7	UG/M3	1.7	U
EPD-WA-01-032323	TO-15	BROMODICHLOROMETHANE	2.2	U	0.46	2.2	UG/M3	2.2	U
EPD-WA-01-032323	TO-15	BROMOFORM	3.4	U	0.76	3.4	UG/M3	3.4	U
EPD-WA-01-032323	TO-15	BROMOMETHANE	63	U	4.9	63	UG/M3	63	U
EPD-WA-01-032323	TO-15	BUTANE, 2-METHYL-	3.8	NJ			PPBV	3.8	NJ

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-032323	TO-15	CARBON DISULFIDE	1.2	J	0.66	5.1	UG/M3	5.1	U
EPD-WA-01-032323	TO-15	CHLOROBENZENE	1.5	U	0.42	1.5	UG/M3	1.5	U
EPD-WA-01-032323	TO-15	CIS-1,3-DICHLOROPROPENE	1.5	U	0.45	1.5	UG/M3	1.5	U
EPD-WA-01-032323	TO-15	CUMENE	1.6	U	0.24	1.6	UG/M3	1.6	U
EPD-WA-01-032323	TO-15	CYCLOHEXANE	5.6	U	0.58	5.6	UG/M3	5.6	U
EPD-WA-01-032323	TO-15	DIBROMOCHLOROMETHANE	2.8	U	0.56	2.8	UG/M3	2.8	U
EPD-WA-01-032323	TO-15	ETHANOL	5.3	J	3.3	12	UG/M3	5.3	J
EPD-WA-01-032323	TO-15	FREON 11	0.96	J	0.28	1.8	UG/M3	0.96	J
EPD-WA-01-032323	TO-15	FREON 113	2.5	U	0.31	2.5	UG/M3	2.5	U
EPD-WA-01-032323	TO-15	HEPTANE	6.6	U	1.3	6.6	UG/M3	6.6	U
EPD-WA-01-032323	TO-15	HEXACHLOROBUTADIENE	17	U	1.4	17	UG/M3	17	U
EPD-WA-01-032323	TO-15	HEXANE	5.7	U	0.95	5.7	UG/M3	5.7	U
EPD-WA-01-032323	TO-15	ISOBUTANE	2.3	NJ			PPBV	2.3	NJ
EPD-WA-01-032323	TO-15	METHYLENE CHLORIDE	2.2	U	0.85	2.2	UG/M3	2.2	U
EPD-WA-01-032323	TO-15	PROPYLBENZENE	1.6	U	0.58	1.6	UG/M3	1.6	U
EPD-WA-01-032323	TO-15	STYRENE	1.4	U	0.26	1.4	UG/M3	1.4	U
EPD-WA-01-032323	TO-15	TETRAHYDROFURAN	4.8	U	3.1	4.8	UG/M3	4.8	U
EPD-WA-01-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	1.5	U	0.39	1.5	UG/M3	1.5	U
EPD-WA-01-032323	TO-15	UNKNOWN TIC	3.8	J			PPBV	3.8	J
EPD-WA-01-032323	TO-15	UNKNOWN TIC	4.9	J			PPBV	4.9	J
EPD-WA-01-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.35	U	0.048	0.35	UG/M3	0.35	U
EPD-WA-01-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.45	U	0.075	0.45	UG/M3	0.45	U
EPD-WA-01-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.35	U	0.071	0.35	UG/M3	0.35	U
EPD-WA-01-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.26	U	0.033	0.26	UG/M3	0.26	U
EPD-WA-01-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.13	U	0.065	0.13	UG/M3	0.13	U
EPD-WA-01-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.50	U	0.11	0.50	UG/M3	0.50	U
EPD-WA-01-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.082	J	0.051	0.26	UG/M3	0.082	J
EPD-WA-01-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.39	U	0.21	0.39	UG/M3	0.39	U
EPD-WA-01-032323	TO-15 SIM	BENZENE	0.60		0.10	0.52	UG/M3	0.60	
EPD-WA-01-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.35	J	0.076	0.41	UG/M3	0.35	J-
EPD-WA-01-032323	TO-15 SIM	CHLOROETHANE	0.43	U	0.26	0.43	UG/M3	0.43	U
EPD-WA-01-032323	TO-15 SIM	CHLOROFORM	0.062	J	0.050	0.32	UG/M3	0.062	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-032323	TO-15 SIM	CHLOROMETHANE	1.0 J		0.33	3.4	UG/M3	1.0 J	
EPD-WA-01-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.26 U		0.055	0.26	UG/M3	0.26 U	
EPD-WA-01-032323	TO-15 SIM	ETHYL BENZENE	0.099 J		0.020	0.28	UG/M3	0.099 J	
EPD-WA-01-032323	TO-15 SIM	FREON 114	0.099 J		0.064	0.45	UG/M3	0.099 J	
EPD-WA-01-032323	TO-15 SIM	FREON 12	1.8		0.046	0.80	UG/M3	1.8	
EPD-WA-01-032323	TO-15 SIM	M,P-XYLENE	0.31 J		0.041	0.56	UG/M3	0.31 J	
EPD-WA-01-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	1.2 U		0.043	1.2	UG/M3	1.2 U	
EPD-WA-01-032323	TO-15 SIM	NAPHTHALENE	0.85 U		0.16	0.85	UG/M3	0.85 U	
EPD-WA-01-032323	TO-15 SIM	O-XYLENE	0.13 J		0.034	0.28	UG/M3	0.13 J	
EPD-WA-01-032323	TO-15 SIM	TETRACHLOROETHENE	0.29 J		0.017	0.44	UG/M3	0.44 U	
EPD-WA-01-032323	TO-15 SIM	TOLUENE	0.66		0.041	0.61	UG/M3	0.66	
EPD-WA-01-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	1.3 U		0.039	1.3	UG/M3	1.3 U	
EPD-WA-01-032323	TO-15 SIM	TRICHLOROETHENE	0.35 U		0.031	0.35	UG/M3	0.35 U	
EPD-WA-01-032323	TO-15 SIM	VINYL CHLORIDE	0.083 U		0.060	0.083	UG/M3	0.083 U	
EPD-WA-02-032323	TO-15	1,2,4-TRICHLOROBENZENE	4.8 U		0.63	4.8	UG/M3	4.8 U	
EPD-WA-02-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.63 U		0.15	0.63	UG/M3	0.63 U	
EPD-WA-02-032323	TO-15	1,2-DICHLOROBENZENE	0.78 U		0.17	0.78	UG/M3	0.78 U	
EPD-WA-02-032323	TO-15	1,2-DICHLOROPROPANE	0.60 U		0.21	0.60	UG/M3	0.60 U	
EPD-WA-02-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.63 U		0.20	0.63	UG/M3	0.63 U	
EPD-WA-02-032323	TO-15	1,3-BUTADIENE	0.28 U		0.12	0.28	UG/M3	0.28 U	
EPD-WA-02-032323	TO-15	1,3-DICHLOROBENZENE	0.78 U		0.16	0.78	UG/M3	0.78 U	
EPD-WA-02-032323	TO-15	1,4-DIOXANE	0.46 U		0.25	0.46	UG/M3	0.46 U	
EPD-WA-02-032323	TO-15	2,2,4-TRIMETHYLPENTANE	3.0 U		0.43	3.0	UG/M3	3.0 U	
EPD-WA-02-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.58 J		0.43	1.9	UG/M3	0.58 J	
EPD-WA-02-032323	TO-15	2-ETHYL-1-HEXANOL	0 U				PPBV	0 U,NF	
EPD-WA-02-032323	TO-15	2-HEXANONE	2.6 U		0.54	2.6	UG/M3	2.6 U	
EPD-WA-02-032323	TO-15	2-PROPANOL	0.47 J		0.34	6.3	UG/M3	0.47 J	
EPD-WA-02-032323	TO-15	3-CHLOROPROPENE	2.0 U		0.44	2.0	UG/M3	2.0 U	
EPD-WA-02-032323	TO-15	4-ETHYLTOLUENE	0.63 U		0.15	0.63	UG/M3	0.63 U	
EPD-WA-02-032323	TO-15	4-METHYL-2-PENTANONE	0.53 U		0.11	0.53	UG/M3	0.53 U	
EPD-WA-02-032323	TO-15	ACETONE	8.7		0.87	6.1	UG/M3	8.7	
EPD-WA-02-032323	TO-15	ALPHA-CHLOROTOLUENE	0.67 U		0.35	0.67	UG/M3	0.67 U	
EPD-WA-02-032323	TO-15	BROMODICHLOROMETHANE	0.86 U		0.18	0.86	UG/M3	0.86 U	

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-032323	TO-15	BROMOFORM	1.3	U	0.30	1.3	UG/M3	1.3	U
EPD-WA-02-032323	TO-15	BROMOMETHANE	25	U	1.9	25	UG/M3	25	U
EPD-WA-02-032323	TO-15	BUTANE, 2-METHYL-	0.72	NJ			PPBV	0.72	NJ
EPD-WA-02-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-032323	TO-15	CARBON DISULFIDE	0.47	J	0.26	2.0	UG/M3	2.0	U
EPD-WA-02-032323	TO-15	CHLOROBENZENE	0.59	U	0.17	0.59	UG/M3	0.59	U
EPD-WA-02-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.58	U	0.18	0.58	UG/M3	0.58	U
EPD-WA-02-032323	TO-15	CUMENE	0.63	U	0.095	0.63	UG/M3	0.63	U
EPD-WA-02-032323	TO-15	CYCLOHEXANE	2.2	U	0.23	2.2	UG/M3	2.2	U
EPD-WA-02-032323	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.22	1.1	UG/M3	1.1	U
EPD-WA-02-032323	TO-15	ETHANOL	4.9	U	1.3	4.9	UG/M3	4.9	U
EPD-WA-02-032323	TO-15	FREON 11	0.99		0.11	0.72	UG/M3	0.99	
EPD-WA-02-032323	TO-15	FREON 113	0.43	J	0.12	0.99	UG/M3	0.43	J
EPD-WA-02-032323	TO-15	HEPTANE	2.6	U	0.53	2.6	UG/M3	2.6	U
EPD-WA-02-032323	TO-15	HEXACHLOROBUTADIENE	6.9	U	0.58	6.9	UG/M3	6.9	U
EPD-WA-02-032323	TO-15	HEXANE	2.3	U	0.38	2.3	UG/M3	2.3	U
EPD-WA-02-032323	TO-15	METHYLENE CHLORIDE	0.34	J	0.34	0.90	UG/M3	0.34	J
EPD-WA-02-032323	TO-15	PENTANE	0.72	NJ			PPBV	0.72	NJ
EPD-WA-02-032323	TO-15	PROPYLBENZENE	0.63	U	0.23	0.63	UG/M3	0.63	U
EPD-WA-02-032323	TO-15	STYRENE	0.55	U	0.10	0.55	UG/M3	0.55	U
EPD-WA-02-032323	TO-15	TETRAHYDROFURAN	1.9	U	1.2	1.9	UG/M3	1.9	U
EPD-WA-02-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.58	U	0.16	0.58	UG/M3	0.58	U
EPD-WA-02-032323	TO-15	UNKNOWN TIC	0.99	J			PPBV	0.99	J
EPD-WA-02-032323	TO-15	UNKNOWN TIC	1.1	J			PPBV	1.1	J
EPD-WA-02-032323	TO-15	UNKNOWN TIC	1.7	J			PPBV	1.7	J
EPD-WA-02-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.019	0.14	UG/M3	0.14	U
EPD-WA-02-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.030	0.18	UG/M3	0.18	U
EPD-WA-02-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.028	0.14	UG/M3	0.14	U
EPD-WA-02-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.013	0.10	UG/M3	0.10	U
EPD-WA-02-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.051	U	0.026	0.051	UG/M3	0.051	U
EPD-WA-02-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.044	0.20	UG/M3	0.20	U
EPD-WA-02-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.070	J	0.020	0.10	UG/M3	0.070	J
EPD-WA-02-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.085	0.16	UG/M3	0.16	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-032323	TO-15 SIM	BENZENE	0.33		0.040	0.21	UG/M3	0.33	
EPD-WA-02-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.030	0.16	UG/M3	0.37	J-
EPD-WA-02-032323	TO-15 SIM	CHLOROETHANE	0.17	U	0.10	0.17	UG/M3	0.17	U
EPD-WA-02-032323	TO-15 SIM	CHLOROFORM	0.056	J	0.020	0.12	UG/M3	0.056	J
EPD-WA-02-032323	TO-15 SIM	CHLOROMETHANE	0.99	J	0.13	1.3	UG/M3	0.99	J
EPD-WA-02-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.022	0.10	UG/M3	0.10	U
EPD-WA-02-032323	TO-15 SIM	ETHYL BENZENE	0.029	J	0.008	0.11	UG/M3	0.029	J
EPD-WA-02-032323	TO-15 SIM	FREON 114	0.096	J	0.026	0.18	UG/M3	0.096	J
EPD-WA-02-032323	TO-15 SIM	FREON 12	1.8		0.018	0.32	UG/M3	1.8	
EPD-WA-02-032323	TO-15 SIM	M,P-XYLENE	0.082	J	0.016	0.22	UG/M3	0.082	J
EPD-WA-02-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.46	U	0.017	0.46	UG/M3	0.46	U
EPD-WA-02-032323	TO-15 SIM	NAPHTHALENE	0.34	U	0.063	0.34	UG/M3	0.34	U
EPD-WA-02-032323	TO-15 SIM	O-XYLENE	0.035	J	0.014	0.11	UG/M3	0.035	J
EPD-WA-02-032323	TO-15 SIM	TETRACHLOROETHENE	0.025	J	0.0067	0.18	UG/M3	0.18	U
EPD-WA-02-032323	TO-15 SIM	TOLUENE	0.26		0.016	0.24	UG/M3	0.26	
EPD-WA-02-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.51	U	0.016	0.51	UG/M3	0.51	U
EPD-WA-02-032323	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-WA-02-032323	TO-15 SIM	VINYL CHLORIDE	0.033	U	0.024	0.033	UG/M3	0.033	U
EPD-WA-03-032323	TO-15	1,2,4-TRICHLOROBENZENE	6.6	U	0.88	6.6	UG/M3	6.6	U
EPD-WA-03-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.88	U	0.21	0.88	UG/M3	0.88	U
EPD-WA-03-032323	TO-15	1,2-DICHLOROBENZENE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-WA-03-032323	TO-15	1,2-DICHLOROPROPANE	0.83	U	0.29	0.83	UG/M3	0.83	U
EPD-WA-03-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.88	U	0.27	0.88	UG/M3	0.88	U
EPD-WA-03-032323	TO-15	1,3-BUTADIENE	0.40	U	0.16	0.40	UG/M3	0.40	U
EPD-WA-03-032323	TO-15	1,3-DICHLOROBENZENE	1.1	U	0.22	1.1	UG/M3	1.1	U
EPD-WA-03-032323	TO-15	1,4-DIOXANE	0.64	U	0.35	0.64	UG/M3	0.64	U
EPD-WA-03-032323	TO-15	2,2,4-TRIMETHYLPENTANE	4.2	U	0.59	4.2	UG/M3	4.2	U
EPD-WA-03-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.6	U	0.59	2.6	UG/M3	2.6	U
EPD-WA-03-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-032323	TO-15	2-HEXANONE	3.7	U	0.74	3.7	UG/M3	3.7	U
EPD-WA-03-032323	TO-15	2-PROPANOL	8.8	U	0.47	8.8	UG/M3	8.8	U
EPD-WA-03-032323	TO-15	2-PROPENOIC ACID, BUTYL ESTER	1.5	NJ			PPBV	1.5	NJ
EPD-WA-03-032323	TO-15	3-CHLOROPROPENE	2.8	U	0.61	2.8	UG/M3	2.8	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-032323	TO-15	4-ETHYLTOLUENE	0.88	U	0.21	0.88	UG/M3	0.88	U
EPD-WA-03-032323	TO-15	4-METHYL-2-PENTANONE	0.26	J	0.15	0.73	UG/M3	0.26	J
EPD-WA-03-032323	TO-15	ACETONE	3.8	J	1.2	8.5	UG/M3	8.5	U
EPD-WA-03-032323	TO-15	ALPHA-CHLOROTOLUENE	0.93	U	0.49	0.93	UG/M3	0.93	U
EPD-WA-03-032323	TO-15	BROMODICHLOROMETHANE	1.2	U	0.26	1.2	UG/M3	1.2	U
EPD-WA-03-032323	TO-15	BROMOFORM	1.8	U	0.42	1.8	UG/M3	1.8	U
EPD-WA-03-032323	TO-15	BROMOMETHANE	35	U	2.7	35	UG/M3	35	U
EPD-WA-03-032323	TO-15	CARBON DISULFIDE	0.54	J	0.37	2.8	UG/M3	2.8	U
EPD-WA-03-032323	TO-15	CHLOROBENZENE	0.82	U	0.23	0.82	UG/M3	0.82	U
EPD-WA-03-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.81	U	0.25	0.81	UG/M3	0.81	U
EPD-WA-03-032323	TO-15	CUMENE	0.88	U	0.13	0.88	UG/M3	0.88	U
EPD-WA-03-032323	TO-15	CYCLOHEXANE	3.1	U	0.32	3.1	UG/M3	3.1	U
EPD-WA-03-032323	TO-15	DIBROMOCHLOROMETHANE	1.5	U	0.31	1.5	UG/M3	1.5	U
EPD-WA-03-032323	TO-15	ETHANOL	6.7	U	1.8	6.7	UG/M3	6.7	U
EPD-WA-03-032323	TO-15	FREON 11	0.98	J	0.15	1.0	UG/M3	0.98	J
EPD-WA-03-032323	TO-15	FREON 113	0.33	J	0.17	1.4	UG/M3	0.33	J
EPD-WA-03-032323	TO-15	HEPTANE	3.7	U	0.74	3.7	UG/M3	3.7	U
EPD-WA-03-032323	TO-15	HEXACHLOROBUTADIENE	9.5	U	0.80	9.5	UG/M3	9.5	U
EPD-WA-03-032323	TO-15	HEXANE	3.2	U	0.52	3.2	UG/M3	3.2	U
EPD-WA-03-032323	TO-15	METHYLENE CHLORIDE	1.2	U	0.47	1.2	UG/M3	1.2	U
EPD-WA-03-032323	TO-15	PROPYLBENZENE	0.88	U	0.32	0.88	UG/M3	0.88	U
EPD-WA-03-032323	TO-15	STYRENE	0.76	U	0.14	0.76	UG/M3	0.76	U
EPD-WA-03-032323	TO-15	TETRAHYDROFURAN	2.6	U	1.7	2.6	UG/M3	2.6	U
EPD-WA-03-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.81	U	0.22	0.81	UG/M3	0.81	U
EPD-WA-03-032323	TO-15	UNKNOWN TIC	1.1	J			PPBV	1.1	J
EPD-WA-03-032323	TO-15	UNKNOWN TIC	1.5	J			PPBV	1.5	J
EPD-WA-03-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.20	U	0.026	0.20	UG/M3	0.20	U
EPD-WA-03-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.24	U	0.041	0.24	UG/M3	0.24	U
EPD-WA-03-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.20	U	0.039	0.20	UG/M3	0.20	U
EPD-WA-03-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.14	U	0.018	0.14	UG/M3	0.14	U
EPD-WA-03-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.071	U	0.036	0.071	UG/M3	0.071	U
EPD-WA-03-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.28	U	0.061	0.28	UG/M3	0.28	U
EPD-WA-03-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.076	J	0.028	0.14	UG/M3	0.076	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.22	U	0.12	0.22	UG/M3	0.22	U
EPD-WA-03-032323	TO-15 SIM	BENZENE	0.34		0.055	0.28	UG/M3	0.34	
EPD-WA-03-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.36		0.042	0.22	UG/M3	0.36	J-
EPD-WA-03-032323	TO-15 SIM	CHLOROETHANE	0.24	U	0.14	0.24	UG/M3	0.24	U
EPD-WA-03-032323	TO-15 SIM	CHLOROFORM	0.051	J	0.028	0.17	UG/M3	0.051	J
EPD-WA-03-032323	TO-15 SIM	CHLOROMETHANE	0.95	J	0.18	1.8	UG/M3	0.95	J
EPD-WA-03-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.14	U	0.030	0.14	UG/M3	0.14	U
EPD-WA-03-032323	TO-15 SIM	ETHYL BENZENE	0.032	J	0.011	0.16	UG/M3	0.032	J
EPD-WA-03-032323	TO-15 SIM	FREON 114	0.094	J	0.035	0.25	UG/M3	0.094	J
EPD-WA-03-032323	TO-15 SIM	FREON 12	1.8		0.025	0.44	UG/M3	1.8	
EPD-WA-03-032323	TO-15 SIM	M,P-XYLENE	0.11	J	0.022	0.31	UG/M3	0.11	J
EPD-WA-03-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.64	U	0.024	0.64	UG/M3	0.64	U
EPD-WA-03-032323	TO-15 SIM	NAPHTHALENE	0.47	U	0.088	0.47	UG/M3	0.47	U
EPD-WA-03-032323	TO-15 SIM	O-XYLENE	0.039	J	0.019	0.16	UG/M3	0.039	J
EPD-WA-03-032323	TO-15 SIM	TETRACHLOROETHENE	0.029	J	0.0093	0.24	UG/M3	0.24	U
EPD-WA-03-032323	TO-15 SIM	TOLUENE	0.22	J	0.022	0.34	UG/M3	0.22	J
EPD-WA-03-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.71	U	0.022	0.71	UG/M3	0.71	U
EPD-WA-03-032323	TO-15 SIM	TRICHLOROETHENE	0.19	U	0.017	0.19	UG/M3	0.19	U
EPD-WA-03-032323	TO-15 SIM	VINYL CHLORIDE	0.87		0.033	0.046	UG/M3	0.87	
EPD-WA-04-032323	TO-15	1,2,4-TRICHLOROBENZENE	4.9	U	0.65	4.9	UG/M3	4.9	U
EPD-WA-04-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.57	J	0.16	0.65	UG/M3	0.57	J
EPD-WA-04-032323	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-WA-04-032323	TO-15	1,2-DICHLOROPROPANE	0.61	U	0.22	0.61	UG/M3	0.61	U
EPD-WA-04-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.65	U	0.20	0.65	UG/M3	0.65	U
EPD-WA-04-032323	TO-15	1,3-BUTADIENE	0.17	J	0.12	0.29	UG/M3	0.17	J
EPD-WA-04-032323	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-WA-04-032323	TO-15	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-WA-04-032323	TO-15	1-BUTENE, 3-METHYL-	1.8	NJ			PPBV	1.8	NJ
EPD-WA-04-032323	TO-15	1-HEXENE, 4-METHYL-	2.4	NJ			PPBV	2.4	NJ
EPD-WA-04-032323	TO-15	2,2,4-TRIMETHYLPENTANE	2.4	J	0.44	3.1	UG/M3	2.4	J
EPD-WA-04-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.0	U	0.44	2.0	UG/M3	2.0	U
EPD-WA-04-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-032323	TO-15	2-HEXANONE	2.7	U	0.55	2.7	UG/M3	2.7	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-032323	TO-15	2-PROPANOL	6.5	U	0.35	6.5	UG/M3	6.5	U
EPD-WA-04-032323	TO-15	3-CHLOROPROPENE	2.1	U	0.45	2.1	UG/M3	2.1	U
EPD-WA-04-032323	TO-15	4-ETHYLTOLUENE	0.55	J	0.16	0.65	UG/M3	0.55	J
EPD-WA-04-032323	TO-15	4-METHYL-2-PENTANONE	0.54	U	0.11	0.54	UG/M3	0.54	U
EPD-WA-04-032323	TO-15	ACETONE	3.8	J	0.89	6.3	UG/M3	6.3	U
EPD-WA-04-032323	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.36	0.69	UG/M3	0.69	U
EPD-WA-04-032323	TO-15	BROMODICHLOROMETHANE	0.89	U	0.19	0.89	UG/M3	0.89	U
EPD-WA-04-032323	TO-15	BROMOFORM	1.4	U	0.31	1.4	UG/M3	1.4	U
EPD-WA-04-032323	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-04-032323	TO-15	BUTANE	12	NJ			PPBV	12	NJ
EPD-WA-04-032323	TO-15	BUTANE, 2,3-DIMETHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-04-032323	TO-15	BUTANE, 2-METHYL-	13	NJ			PPBV	13	NJ
EPD-WA-04-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-032323	TO-15	CARBON DISULFIDE	0.63	J	0.27	2.1	UG/M3	2.1	U
EPD-WA-04-032323	TO-15	CHLOROBENZENE	0.61	U	0.17	0.61	UG/M3	0.61	U
EPD-WA-04-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.60	U	0.18	0.60	UG/M3	0.60	U
EPD-WA-04-032323	TO-15	CUMENE	0.65	U	0.098	0.65	UG/M3	0.65	U
EPD-WA-04-032323	TO-15	CYCLOHEXANE	0.31	J	0.24	2.3	UG/M3	0.31	J
EPD-WA-04-032323	TO-15	CYCLOPENTANE, METHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-04-032323	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-WA-04-032323	TO-15	ETHANOL	6.8		1.3	5.0	UG/M3	6.8	
EPD-WA-04-032323	TO-15	FREON 11	0.94		0.11	0.75	UG/M3	0.94	
EPD-WA-04-032323	TO-15	FREON 113	0.44	J	0.13	1.0	UG/M3	0.44	J
EPD-WA-04-032323	TO-15	HEPTANE	1.4	J	0.55	2.7	UG/M3	1.4	J
EPD-WA-04-032323	TO-15	HEXACHLOROBUTADIENE	7.1	U	0.59	7.1	UG/M3	7.1	U
EPD-WA-04-032323	TO-15	HEXANE	2.6		0.39	2.3	UG/M3	2.6	
EPD-WA-04-032323	TO-15	HEXANE, 3-METHYL-	1.5	NJ			PPBV	1.5	NJ
EPD-WA-04-032323	TO-15	ISOBUTANE	3.6	NJ			PPBV	3.6	NJ
EPD-WA-04-032323	TO-15	METHYLENE CHLORIDE	0.46	J	0.35	0.92	UG/M3	0.46	J
EPD-WA-04-032323	TO-15	PENTANE	5.8	NJ			PPBV	5.8	NJ
EPD-WA-04-032323	TO-15	PROPYLBENZENE	0.65	U	0.24	0.65	UG/M3	0.65	U
EPD-WA-04-032323	TO-15	STYRENE	0.57	U	0.10	0.57	UG/M3	0.57	U
EPD-WA-04-032323	TO-15	TETRAHYDROFURAN	2.0	U	1.2	2.0	UG/M3	2.0	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.60	U	0.16	0.60	UG/M3	0.60	U
EPD-WA-04-032323	TO-15	UNKNOWN TIC	4.2	J			PPBV	4.2	J
EPD-WA-04-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.020	0.14	UG/M3	0.14	U
EPD-WA-04-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.031	0.18	UG/M3	0.18	U
EPD-WA-04-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.029	0.14	UG/M3	0.14	U
EPD-WA-04-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-WA-04-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U	0.027	0.053	UG/M3	0.053	U
EPD-WA-04-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.046	0.20	UG/M3	0.20	U
EPD-WA-04-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.075	J	0.021	0.11	UG/M3	0.075	J
EPD-WA-04-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.087	0.16	UG/M3	0.16	U
EPD-WA-04-032323	TO-15 SIM	BENZENE	1.8		0.041	0.21	UG/M3	1.8	
EPD-WA-04-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.031	0.17	UG/M3	0.37	J-
EPD-WA-04-032323	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-04-032323	TO-15 SIM	CHLOROFORM	0.067	J	0.020	0.13	UG/M3	0.067	J
EPD-WA-04-032323	TO-15 SIM	CHLOROMETHANE	0.96	J	0.13	1.4	UG/M3	0.96	J
EPD-WA-04-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.023	0.10	UG/M3	0.10	U
EPD-WA-04-032323	TO-15 SIM	ETHYL BENZENE	0.54		0.0082	0.12	UG/M3	0.54	
EPD-WA-04-032323	TO-15 SIM	FREON 114	0.093	J	0.026	0.18	UG/M3	0.093	J
EPD-WA-04-032323	TO-15 SIM	FREON 12	1.8		0.019	0.33	UG/M3	1.8	
EPD-WA-04-032323	TO-15 SIM	M,P-XYLENE	1.9		0.017	0.23	UG/M3	1.9	
EPD-WA-04-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-WA-04-032323	TO-15 SIM	NAPHTHALENE	0.35	U	0.065	0.35	UG/M3	0.35	U
EPD-WA-04-032323	TO-15 SIM	O-XYLENE	0.70		0.014	0.12	UG/M3	0.70	
EPD-WA-04-032323	TO-15 SIM	TETRACHLOROETHENE	0.028	J	0.0069	0.18	UG/M3	0.18	U
EPD-WA-04-032323	TO-15 SIM	TOLUENE	3.3		0.017	0.25	UG/M3	3.3	
EPD-WA-04-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.53	U	0.016	0.53	UG/M3	0.53	U
EPD-WA-04-032323	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-04-032323	TO-15 SIM	VINYL CHLORIDE	0.034	U	0.024	0.034	UG/M3	0.034	U
EPD-WA-05-032323	TO-15	1,2,4-TRICHLOROBENZENE	4.6	U	0.61	4.6	UG/M3	4.6	U
EPD-WA-05-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.61	U	0.15	0.61	UG/M3	0.61	U
EPD-WA-05-032323	TO-15	1,2-DICHLOROBENZENE	0.74	U	0.16	0.74	UG/M3	0.74	U
EPD-WA-05-032323	TO-15	1,2-DICHLOROPROPANE	0.57	U	0.20	0.57	UG/M3	0.57	U
EPD-WA-05-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.61	U	0.19	0.61	UG/M3	0.61	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-032323	TO-15	1,3-BUTADIENE	0.27	U		0.11	0.27 UG/M3	0.27	U
EPD-WA-05-032323	TO-15	1,3-DICHLOROBENZENE	0.74	U		0.16	0.74 UG/M3	0.74	U
EPD-WA-05-032323	TO-15	1,4-DIOXANE	0.45	U		0.24	0.45 UG/M3	0.45	U
EPD-WA-05-032323	TO-15	2,2,4-TRIMETHYLPENTANE	2.9	U		0.41	2.9 UG/M3	2.9	U
EPD-WA-05-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.8	U		0.41	1.8 UG/M3	1.8	U
EPD-WA-05-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-032323	TO-15	2-HEXANONE	2.5	U		0.52	2.5 UG/M3	2.5	U
EPD-WA-05-032323	TO-15	2-PROPANOL	6.1	U		0.33	6.1 UG/M3	6.1	U
EPD-WA-05-032323	TO-15	3-CHLOROPROPENE	1.9	U		0.42	1.9 UG/M3	1.9	U
EPD-WA-05-032323	TO-15	4-ETHYLTOLUENE	0.61	U		0.14	0.61 UG/M3	0.61	U
EPD-WA-05-032323	TO-15	4-METHYL-2-PENTANONE	0.51	U		0.11	0.51 UG/M3	0.51	U
EPD-WA-05-032323	TO-15	ACETONE	3.8	J		0.83	5.9 UG/M3	5.9	U
EPD-WA-05-032323	TO-15	ALPHA-CHLOROTOLUENE	0.64	U		0.34	0.64 UG/M3	0.64	U
EPD-WA-05-032323	TO-15	BROMODICHLOROMETHANE	0.83	U		0.18	0.83 UG/M3	0.83	U
EPD-WA-05-032323	TO-15	BROMOFORM	1.3	U		0.29	1.3 UG/M3	1.3	U
EPD-WA-05-032323	TO-15	BROMOMETHANE	24	U		1.9	24 UG/M3	24	U
EPD-WA-05-032323	TO-15	BUTANE, 2-METHYL-	0.91	NJ			PPBV	0.91	NJ
EPD-WA-05-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-032323	TO-15	CARBON DISULFIDE	0.42	J		0.25	1.9 UG/M3	1.9	U
EPD-WA-05-032323	TO-15	CHLOROBENZENE	0.57	U		0.16	0.57 UG/M3	0.57	U
EPD-WA-05-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.56	U		0.17	0.56 UG/M3	0.56	U
EPD-WA-05-032323	TO-15	CUMENE	0.61	U		0.092	0.61 UG/M3	0.61	U
EPD-WA-05-032323	TO-15	CYCLOHEXANE	2.1	U		0.22	2.1 UG/M3	2.1	U
EPD-WA-05-032323	TO-15	DIBROMOCHLOROMETHANE	1.0	U		0.21	1.0 UG/M3	1.0	U
EPD-WA-05-032323	TO-15	ETHANOL	5.3			1.2	4.7 UG/M3	5.3	
EPD-WA-05-032323	TO-15	FREON 11	1.0			0.11	0.70 UG/M3	1.0	
EPD-WA-05-032323	TO-15	FREON 113	0.39	J		0.12	0.95 UG/M3	0.39	J
EPD-WA-05-032323	TO-15	HEPTANE	2.5	U		0.51	2.5 UG/M3	2.5	U
EPD-WA-05-032323	TO-15	HEXACHLOROBUTADIENE	6.6	U		0.55	6.6 UG/M3	6.6	U
EPD-WA-05-032323	TO-15	HEXANE	2.2	U		0.36	2.2 UG/M3	2.2	U
EPD-WA-05-032323	TO-15	METHYLENE CHLORIDE	0.40	J		0.32	0.86 UG/M3	0.40	J
EPD-WA-05-032323	TO-15	PENTANE	0.70	NJ			PPBV	0.70	NJ
EPD-WA-05-032323	TO-15	PROPYLBENZENE	0.61	U		0.22	0.61 UG/M3	0.61	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-032323	TO-15	STYRENE	0.53	U	0.098	0.53	UG/M3	0.53	U
EPD-WA-05-032323	TO-15	TETRAHYDROFURAN	1.8	U	1.2	1.8	UG/M3	1.8	U
EPD-WA-05-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.56	U	0.15	0.56	UG/M3	0.56	U
EPD-WA-05-032323	TO-15	UNKNOWN TIC	0.70	J			PPBV	0.70	J
EPD-WA-05-032323	TO-15	UNKNOWN TIC	0.99	J			PPBV	0.99	J
EPD-WA-05-032323	TO-15	UNKNOWN TIC	1.2	J			PPBV	1.2	J
EPD-WA-05-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.018	0.14	UG/M3	0.14	U
EPD-WA-05-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.17	U	0.029	0.17	UG/M3	0.17	U
EPD-WA-05-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.027	0.14	UG/M3	0.14	U
EPD-WA-05-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.012	0.10	UG/M3	0.10	U
EPD-WA-05-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.049	U	0.025	0.049	UG/M3	0.049	U
EPD-WA-05-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.19	U	0.042	0.19	UG/M3	0.19	U
EPD-WA-05-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.075	J	0.020	0.10	UG/M3	0.075	J
EPD-WA-05-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.15	U	0.081	0.15	UG/M3	0.15	U
EPD-WA-05-032323	TO-15 SIM	BENZENE	0.35		0.038	0.20	UG/M3	0.35	
EPD-WA-05-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.029	0.16	UG/M3	0.37	J-
EPD-WA-05-032323	TO-15 SIM	CHLOROETHANE	0.16	U	0.10	0.16	UG/M3	0.16	U
EPD-WA-05-032323	TO-15 SIM	CHLOROFORM	0.056	J	0.019	0.12	UG/M3	0.056	J
EPD-WA-05-032323	TO-15 SIM	CHLOROMETHANE	0.95	J	0.12	1.3	UG/M3	0.95	J
EPD-WA-05-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.098	U	0.021	0.098	UG/M3	0.098	U
EPD-WA-05-032323	TO-15 SIM	ETHYL BENZENE	0.044	J	0.0076	0.11	UG/M3	0.044	J
EPD-WA-05-032323	TO-15 SIM	FREON 114	0.097	J	0.024	0.17	UG/M3	0.097	J
EPD-WA-05-032323	TO-15 SIM	FREON 12	1.8		0.018	0.31	UG/M3	1.8	
EPD-WA-05-032323	TO-15 SIM	M,P-XYLENE	0.16	J	0.016	0.22	UG/M3	0.16	J
EPD-WA-05-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.45	U	0.016	0.45	UG/M3	0.45	U
EPD-WA-05-032323	TO-15 SIM	NAPHTHALENE	0.32	U	0.061	0.32	UG/M3	0.32	U
EPD-WA-05-032323	TO-15 SIM	O-XYLENE	0.056	J	0.013	0.11	UG/M3	0.056	J
EPD-WA-05-032323	TO-15 SIM	TETRACHLOROETHENE	0.039	J	0.0065	0.17	UG/M3	0.17	U
EPD-WA-05-032323	TO-15 SIM	TOLUENE	0.38		0.016	0.23	UG/M3	0.38	
EPD-WA-05-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.49	U	0.015	0.49	UG/M3	0.49	U
EPD-WA-05-032323	TO-15 SIM	TRICHLOROETHENE	0.13	U	0.012	0.13	UG/M3	0.13	U
EPD-WA-05-032323	TO-15 SIM	VINYL CHLORIDE	0.032	U	0.023	0.032	UG/M3	0.032	U
EPD-WA-55-032323	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	0.66	5.0	UG/M3	5.0	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-032323	TO-15	1,2,4-TRIMETHYLBENZENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-WA-55-032323	TO-15	1,2-DICHLOROBENZENE	0.81	U	0.18	0.81	UG/M3	0.81	U
EPD-WA-55-032323	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.22	0.62	UG/M3	0.62	U
EPD-WA-55-032323	TO-15	1,3,5-TRIMETHYLBENZENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-WA-55-032323	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-WA-55-032323	TO-15	1,3-DICHLOROBENZENE	0.81	U	0.17	0.81	UG/M3	0.81	U
EPD-WA-55-032323	TO-15	1,4-DIOXANE	0.49	U	0.27	0.49	UG/M3	0.49	U
EPD-WA-55-032323	TO-15	2,2,4-TRIMETHYLPENTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-WA-55-032323	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.57	J	0.45	2.0	UG/M3	0.57	J
EPD-WA-55-032323	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-55-032323	TO-15	2-HEXANONE	2.8	U	0.56	2.8	UG/M3	2.8	U
EPD-WA-55-032323	TO-15	2-PROPANOL	6.6	U	0.36	6.6	UG/M3	6.6	U
EPD-WA-55-032323	TO-15	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-WA-55-032323	TO-15	4-ETHYLTOLUENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-WA-55-032323	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.12	0.55	UG/M3	0.55	U
EPD-WA-55-032323	TO-15	ACETONE	5.0	J	0.91	6.4	UG/M3	6.4	U
EPD-WA-55-032323	TO-15	ALPHA-CHLOROTOLUENE	0.70	U	0.37	0.70	UG/M3	0.70	U
EPD-WA-55-032323	TO-15	BROMODICHLOROMETHANE	0.90	U	0.19	0.90	UG/M3	0.90	U
EPD-WA-55-032323	TO-15	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-WA-55-032323	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-55-032323	TO-15	BUTANE, 2-METHYL-	1.0	NJ			PPBV	1.0	NJ
EPD-WA-55-032323	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-55-032323	TO-15	CARBON DISULFIDE	0.40	J	0.28	2.1	UG/M3	2.1	U
EPD-WA-55-032323	TO-15	CHLOROBENZENE	0.62	U	0.18	0.62	UG/M3	0.62	U
EPD-WA-55-032323	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.19	0.61	UG/M3	0.61	U
EPD-WA-55-032323	TO-15	CUMENE	0.66	U	0.10	0.66	UG/M3	0.66	U
EPD-WA-55-032323	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-WA-55-032323	TO-15	DIBROMOCHLOROMETHANE	1.2	U	0.23	1.2	UG/M3	1.2	U
EPD-WA-55-032323	TO-15	ETHANOL	5.1	U	1.4	5.1	UG/M3	5.1	U
EPD-WA-55-032323	TO-15	FREON 11	0.99		0.12	0.76	UG/M3	0.99	
EPD-WA-55-032323	TO-15	FREON 113	0.39	J	0.13	1.0	UG/M3	0.39	J
EPD-WA-55-032323	TO-15	HEPTANE	2.8	U	0.56	2.8	UG/M3	2.8	U
EPD-WA-55-032323	TO-15	HEXACHLOROBUTADIENE	7.2	U	0.60	7.2	UG/M3	7.2	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-032323	TO-15	HEXANE	2.4	U	0.40	2.4	UG/M3	2.4	U
EPD-WA-55-032323	TO-15	METHYLENE CHLORIDE	0.38	J	0.35	0.94	UG/M3	0.38	J
EPD-WA-55-032323	TO-15	PENTANE	0.96	NJ			PPBV	0.96	NJ
EPD-WA-55-032323	TO-15	PROPYLBENZENE	0.66	U	0.24	0.66	UG/M3	0.66	U
EPD-WA-55-032323	TO-15	STYRENE	0.58	U	0.11	0.58	UG/M3	0.58	U
EPD-WA-55-032323	TO-15	TETRAHYDROFURAN	2.0	U	1.3	2.0	UG/M3	2.0	U
EPD-WA-55-032323	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.16	0.61	UG/M3	0.61	U
EPD-WA-55-032323	TO-15	UNKNOWN TIC	0.70	J			PPBV	0.70	J
EPD-WA-55-032323	TO-15	UNKNOWN TIC	1.3	J			PPBV	1.3	J
EPD-WA-55-032323	TO-15	UNKNOWN TIC	1.8	J			PPBV	1.8	J
EPD-WA-55-032323	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-WA-55-032323	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.031	0.18	UG/M3	0.18	U
EPD-WA-55-032323	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-WA-55-032323	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-55-032323	TO-15 SIM	1,1-DICHLOROETHENE	0.054	U	0.027	0.054	UG/M3	0.054	U
EPD-WA-55-032323	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21	U	0.046	0.21	UG/M3	0.21	U
EPD-WA-55-032323	TO-15 SIM	1,2-DICHLOROETHANE	0.077	J	0.021	0.11	UG/M3	0.077	J
EPD-WA-55-032323	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.088	0.16	UG/M3	0.16	U
EPD-WA-55-032323	TO-15 SIM	BENZENE	0.35		0.042	0.22	UG/M3	0.35	
EPD-WA-55-032323	TO-15 SIM	CARBON TETRACHLORIDE	0.36		0.032	0.17	UG/M3	0.36	J-
EPD-WA-55-032323	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-55-032323	TO-15 SIM	CHLOROFORM	0.055	J	0.021	0.13	UG/M3	0.055	J
EPD-WA-55-032323	TO-15 SIM	CHLOROMETHANE	1.0	J	0.14	1.4	UG/M3	1.0	J
EPD-WA-55-032323	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.023	0.11	UG/M3	0.11	U
EPD-WA-55-032323	TO-15 SIM	ETHYL BENZENE	0.045	J	0.0083	0.12	UG/M3	0.045	J
EPD-WA-55-032323	TO-15 SIM	FREON 114	0.096	J	0.027	0.19	UG/M3	0.096	J
EPD-WA-55-032323	TO-15 SIM	FREON 12	1.8		0.019	0.33	UG/M3	1.8	
EPD-WA-55-032323	TO-15 SIM	M,P-XYLENE	0.15	J	0.017	0.23	UG/M3	0.15	J
EPD-WA-55-032323	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.49	U	0.018	0.49	UG/M3	0.49	U
EPD-WA-55-032323	TO-15 SIM	NAPHTHALENE	0.35	U	0.066	0.35	UG/M3	0.35	U
EPD-WA-55-032323	TO-15 SIM	O-XYLENE	0.059	J	0.014	0.12	UG/M3	0.059	J
EPD-WA-55-032323	TO-15 SIM	TETRACHLOROETHENE	0.034	J	0.0070	0.18	UG/M3	0.18	U
EPD-WA-55-032323	TO-15 SIM	TOLUENE	0.40		0.017	0.25	UG/M3	0.40	



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-55-032323	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.54	U	0.016	0.54	UG/M3	0.54	U
EPD-WA-55-032323	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-55-032323	TO-15 SIM	VINYL CHLORIDE	0.034	U	0.025	0.034	UG/M3	0.034	U

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

<b>Site Name</b>	E Palestine Site - ER		<b>TO/TOLIN No.</b>	68HE0520F0032/0001EB201
<b>Document Tracking No.</b>	1732c		<b>Technical Reviewer (signature and date)</b>	<i>S. Ramam Vasser</i> 4/4/2023
<b>Data Reviewer (signature and date)</b>	<i>Amr Hassan</i> March 29, 2023	<i>S. Weng</i> 3/30/23	<b>Laboratory</b>	Eurofins Air Toxics, LLC, Folsom, CA
<b>Laboratory Report No.</b>	2303586			
<b>Analyses</b>	Volatile organic compounds (VOCs) by EPA Method TO-15 in scan and selected ion monitoring (SIM) modes			
<b>Samples and Matrix</b>	Nine air samples, including one field duplicate			
<b>Collection Date(s)</b>	03/24/2023			
<b>Field Duplicate Pairs</b>	EPD-WA-03-032423/EPD-WA-33-032423			
<b>Field QC Blanks</b>	None			

**INTRODUCTION**

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, 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:**

<b>Within Criteria</b>	<b>Exceedance/Notes</b>
N	No LCS RPDs were provided in the Level II laboratory report. The lab provided RPDs separately. No qualifications were applied.

**DATA VALIDATION CHECKLIST – STAGE 2A  
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**Sample preservation, receipt, and holding times:**

Within Criteria	Exceedance/Notes
N	<p>Starting and ending canister vacuum/pressure values on the chain-of-custody (COC) form are all positive and should not be. The field team leader was contacted and confirmed that they are actually negative values and that the field team inadvertently omitted the negative signs. Additionally, the canister receipt vacuum/pressure values in the laboratory report are also positive and should not be. The laboratory was contacted and confirmed that the all values are negative, even though the minus signs are missing, and that the laboratory uses the following convention for recording Summa canister vacuums and pressures: vacuums are recorded as positive values using the unit of inches of mercury (”Hg), and positive pressures are recorded using the unit pounds per square inch (psi). No qualifications were applied.</p> <p>The ending field-measured residual canister vacuum listed on the COC form for EPD-WA-06-032423 was -0.5”Hg (outside the -2 to -10 ”Hg residual vacuum acceptance criteria), and the residual canister vacuum measured by the laboratory upon receipt was -5.9 ”Hg. These pressure discrepancies suggest that one or more of the pressure gauges used was inaccurate. Typically, field gauges tend to be less accurate than lab gauges however we cannot know for certain. If the field-measured residual canister vacuum is more accurate, this small residual vacuum suggests that the canister may have filled completely before the end of the intended sampling period and may not be representative of the matrix conditions during the entire sampling period. The analytical results for this sample should be used with this possibility in mind.</p>

**Method blanks:**

Within Criteria	Exceedance/Notes
N	<p>TO-15 scan (2303586-10A): Acetone and carbon disulfide 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"> <li>• The acetone result in EPD-UW-F-032423 was qualified as estimated with a high bias (flagged J+).</li> <li>• The acetone result in all samples except EPD-UW-F-032423 was qualified as not detected (flagged U) at the RL.</li> <li>• All carbon disulfide results were qualified as not detected (flagged U) at the RL.</li> </ul> <p>TO-15 SIM (2303586-10B): Tetrachloroethene was detected in the method blank at a level between the MDL and RL. The tetrachloroethene results in all sample were qualified as not detected (flagged U) at the RL.</p>

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

**Field blanks:**

Within Criteria	Exceedance/Notes
NA	

**Surrogates and labeled compounds:**

Within Criteria	Exceedance/Notes
Y	

**MS/MSDs:**

Within Criteria	Exceedance/Notes
NA	

**Laboratory duplicates:**

Within Criteria	Exceedance/Notes
NA	

**Field duplicates:**

Within Criteria	Exceedance/Notes
Y	

**LCSs/LCSDs:**

Within Criteria	Exceedance/Notes
N	TO-15 SIM (2303588-12B): The LCS/LCSD recoveries were less than QC limits for carbon tetrachloride. The result for this analyte in all samples was qualified as estimated with a possible low bias (flagged J-).

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

**Sample dilutions:**

Within Criteria	Exceedance/Notes
Y	Canister dilution factor for: <ul style="list-style-type: none"> <li>• EPD-DW-B-032423 was 1.34.</li> <li>• EPD-UW-F-032423 was 1.34.</li> <li>• EPD-WA-01-032423 was 1.31.</li> <li>• EPD-WA-02-032423 was 1.34.</li> <li>• EPD-WA-03-032423 was 1.32.</li> <li>• EPD-WA-04-032423 was 1.30.</li> <li>• EPD-WA-05-032423 was 1.36.</li> <li>• EPD-WA-06-032423 was 1.41.</li> <li>• EPD-WA-33-032423 was 1.38.</li> </ul>

**Re-extraction and reanalysis:**

Within Criteria	Exceedance/Notes
NA	

**MDLs/RLs:**

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

**Tentatively identified compounds:**

Within Criteria	Exceedance/Notes
Y	Tentatively identified compounds (TICs) were detected in 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 and butyl acrylate in all samples were reported as not detected and qualified as manually searched for, but not found in the sample (flagged U,NF).

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

**Other [None]:**

Within Criteria	Exceedance/Notes
NA	

**Overall Qualifications:**

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

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

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032423	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	0.66	5.0	UG/M3	5.0	U
EPD-DW-B-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-DW-B-032423	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-DW-B-032423	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.22	0.62	UG/M3	0.62	U
EPD-DW-B-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-DW-B-032423	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-DW-B-032423	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-DW-B-032423	TO-15	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-DW-B-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-DW-B-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.0	U	0.44	2.0	UG/M3	2.0	U
EPD-DW-B-032423	TO-15	2-HEXANONE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-DW-B-032423	TO-15	2-PROPANOL	1.2	J	0.35	6.6	UG/M3	1.2	J
EPD-DW-B-032423	TO-15	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-DW-B-032423	TO-15	4-ETHYLTOLUENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-DW-B-032423	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.12	0.55	UG/M3	0.55	U
EPD-DW-B-032423	TO-15	ACETONE	3.5	J	0.90	6.4	UG/M3	6.4	U
EPD-DW-B-032423	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.36	0.69	UG/M3	0.69	U
EPD-DW-B-032423	TO-15	BROMODICHLOROMETHANE	0.90	U	0.19	0.90	UG/M3	0.90	U
EPD-DW-B-032423	TO-15	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-DW-B-032423	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-DW-B-032423	TO-15	CARBON DISULFIDE	0.74	J	0.27	2.1	UG/M3	2.1	U
EPD-DW-B-032423	TO-15	CHLOROBENZENE	0.62	U	0.18	0.62	UG/M3	0.62	U
EPD-DW-B-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-DW-B-032423	TO-15	CUMENE	0.66	U	0.099	0.66	UG/M3	0.66	U
EPD-DW-B-032423	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-DW-B-032423	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-DW-B-032423	TO-15	ETHANOL	5.0	U	1.4	5.0	UG/M3	5.0	U
EPD-DW-B-032423	TO-15	FREON 11	1.1		0.12	0.75	UG/M3	1.1	
EPD-DW-B-032423	TO-15	FREON 113	0.46	J	0.13	1.0	UG/M3	0.46	J
EPD-DW-B-032423	TO-15	HEPTANE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-DW-B-032423	TO-15	HEXACHLOROBUTADIENE	7.1	U	0.60	7.1	UG/M3	7.1	U
EPD-DW-B-032423	TO-15	HEXANE	2.4	U	0.39	2.4	UG/M3	2.4	U
EPD-DW-B-032423	TO-15	METHYLENE CHLORIDE	0.36	J	0.35	0.93	UG/M3	0.36	J

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-DW-B-032423	TO-15	PROPYLBENZENE	0.66	U	0.24	0.66	UG/M3	0.66	U
EPD-DW-B-032423	TO-15	STYRENE	0.57	U	0.11	0.57	UG/M3	0.57	U
EPD-DW-B-032423	TO-15	TETRAHYDROFURAN	2.0	U	1.3	2.0	UG/M3	2.0	U
EPD-DW-B-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.16	0.61	UG/M3	0.61	U
EPD-DW-B-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-DW-B-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-DW-B-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-DW-B-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.031	0.18	UG/M3	0.18	U
EPD-DW-B-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-DW-B-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-DW-B-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U	0.027	0.053	UG/M3	0.053	U
EPD-DW-B-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.046	0.20	UG/M3	0.20	U
EPD-DW-B-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.079	J	0.021	0.11	UG/M3	0.079	J
EPD-DW-B-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.088	0.16	UG/M3	0.16	U
EPD-DW-B-032423	TO-15 SIM	BENZENE	0.28		0.041	0.21	UG/M3	0.28	
EPD-DW-B-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.38		0.031	0.17	UG/M3	0.38	J-
EPD-DW-B-032423	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-DW-B-032423	TO-15 SIM	CHLOROFORM	0.055	J	0.021	0.13	UG/M3	0.055	J
EPD-DW-B-032423	TO-15 SIM	CHLOROMETHANE	1.0	J	0.14	1.4	UG/M3	1.0	J
EPD-DW-B-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.023	0.11	UG/M3	0.11	U
EPD-DW-B-032423	TO-15 SIM	ETHYL BENZENE	0.028	J	0.0083	0.12	UG/M3	0.028	J
EPD-DW-B-032423	TO-15 SIM	FREON 114	0.094	J	0.026	0.19	UG/M3	0.094	J
EPD-DW-B-032423	TO-15 SIM	FREON 12	1.9		0.019	0.33	UG/M3	1.9	
EPD-DW-B-032423	TO-15 SIM	M,P-XYLENE	0.091	J	0.017	0.23	UG/M3	0.091	J
EPD-DW-B-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-DW-B-032423	TO-15 SIM	NAPHTHALENE	0.35	U	0.066	0.35	UG/M3	0.35	U
EPD-DW-B-032423	TO-15 SIM	O-XYLENE	0.034	J	0.014	0.12	UG/M3	0.034	J
EPD-DW-B-032423	TO-15 SIM	TETRACHLOROETHENE	0.046	J	0.0070	0.18	UG/M3	0.18	U
EPD-DW-B-032423	TO-15 SIM	TOLUENE	0.22	J	0.017	0.25	UG/M3	0.22	J
EPD-DW-B-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.53	U	0.016	0.53	UG/M3	0.53	U
EPD-DW-B-032423	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-DW-B-032423	TO-15 SIM	VINYL CHLORIDE	0.034	U	0.025	0.034	UG/M3	0.034	U
EPD-UW-F-032423	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	0.66	5.0	UG/M3	5.0	U



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-UW-F-032423	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-UW-F-032423	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.22	0.62	UG/M3	0.62	U
EPD-UW-F-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-UW-F-032423	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-UW-F-032423	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-UW-F-032423	TO-15	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-UW-F-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-UW-F-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	0.58	J	0.44	2.0	UG/M3	0.58	J
EPD-UW-F-032423	TO-15	2-HEXANONE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-UW-F-032423	TO-15	2-PROPANOL	6.6	U	0.35	6.6	UG/M3	6.6	U
EPD-UW-F-032423	TO-15	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-UW-F-032423	TO-15	4-ETHYLTOLUENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-UW-F-032423	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.12	0.55	UG/M3	0.55	U
EPD-UW-F-032423	TO-15	ACETONE	7.2		0.90	6.4	UG/M3	7.2	J+
EPD-UW-F-032423	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.36	0.69	UG/M3	0.69	U
EPD-UW-F-032423	TO-15	BROMODICHLOROMETHANE	0.90	U	0.19	0.90	UG/M3	0.90	U
EPD-UW-F-032423	TO-15	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-UW-F-032423	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-UW-F-032423	TO-15	CARBON DISULFIDE	0.70	J	0.27	2.1	UG/M3	2.1	U
EPD-UW-F-032423	TO-15	CHLOROBENZENE	0.62	U	0.18	0.62	UG/M3	0.62	U
EPD-UW-F-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-UW-F-032423	TO-15	CUMENE	0.66	U	0.099	0.66	UG/M3	0.66	U
EPD-UW-F-032423	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-UW-F-032423	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-UW-F-032423	TO-15	ETHANOL	5.0	U	1.4	5.0	UG/M3	5.0	U
EPD-UW-F-032423	TO-15	FREON 11	0.98		0.12	0.75	UG/M3	0.98	
EPD-UW-F-032423	TO-15	FREON 113	0.36	J	0.13	1.0	UG/M3	0.36	J
EPD-UW-F-032423	TO-15	HEPTANE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-UW-F-032423	TO-15	HEXACHLOROBUTADIENE	7.1	U	0.60	7.1	UG/M3	7.1	U
EPD-UW-F-032423	TO-15	HEXANE	2.4	U	0.39	2.4	UG/M3	2.4	U
EPD-UW-F-032423	TO-15	METHYLENE CHLORIDE	0.37	J	0.35	0.93	UG/M3	0.37	J
EPD-UW-F-032423	TO-15	PROPYLBENZENE	0.66	U	0.24	0.66	UG/M3	0.66	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032423	TO-15	STYRENE	0.57	U	0.11	0.57	UG/M3	0.57	U
EPD-UW-F-032423	TO-15	TETRAHYDROFURAN	2.0	U	1.3	2.0	UG/M3	2.0	U
EPD-UW-F-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.16	0.61	UG/M3	0.61	U
EPD-UW-F-032423	TO-15	2-BUTANONE, 3-METHYL-	0.87	NJ			PPBV	0.87	NJ
EPD-UW-F-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-UW-F-032423	TO-15	ACETALDEHYDE	1.7	NJ			PPBV	1.7	NJ
EPD-UW-F-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-UW-F-032423	TO-15	UNKNOWN TIC	0.79	J			PPBV	0.79	J
EPD-UW-F-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-UW-F-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.031	0.18	UG/M3	0.18	U
EPD-UW-F-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-UW-F-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-UW-F-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U	0.027	0.053	UG/M3	0.053	U
EPD-UW-F-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.046	0.20	UG/M3	0.20	U
EPD-UW-F-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.076	J	0.021	0.11	UG/M3	0.076	J
EPD-UW-F-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.088	0.16	UG/M3	0.16	U
EPD-UW-F-032423	TO-15 SIM	BENZENE	0.34		0.041	0.21	UG/M3	0.34	
EPD-UW-F-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.36		0.031	0.17	UG/M3	0.36	J-
EPD-UW-F-032423	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-UW-F-032423	TO-15 SIM	CHLOROFORM	0.054	J	0.021	0.13	UG/M3	0.054	J
EPD-UW-F-032423	TO-15 SIM	CHLOROMETHANE	0.93	J	0.14	1.4	UG/M3	0.93	J
EPD-UW-F-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.023	0.11	UG/M3	0.11	U
EPD-UW-F-032423	TO-15 SIM	ETHYL BENZENE	0.046	J	0.0083	0.12	UG/M3	0.046	J
EPD-UW-F-032423	TO-15 SIM	FREON 114	0.093	J	0.026	0.19	UG/M3	0.093	J
EPD-UW-F-032423	TO-15 SIM	FREON 12	1.8		0.019	0.33	UG/M3	1.8	
EPD-UW-F-032423	TO-15 SIM	M,P-XYLENE	0.13	J	0.017	0.23	UG/M3	0.13	J
EPD-UW-F-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-UW-F-032423	TO-15 SIM	NAPHTHALENE	0.35	U	0.066	0.35	UG/M3	0.35	U
EPD-UW-F-032423	TO-15 SIM	O-XYLENE	0.050	J	0.014	0.12	UG/M3	0.050	J
EPD-UW-F-032423	TO-15 SIM	TETRACHLOROETHENE	0.030	J	0.007	0.18	UG/M3	0.180	U
EPD-UW-F-032423	TO-15 SIM	TOLUENE	0.29		0.017	0.25	UG/M3	0.29	
EPD-UW-F-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.53	U	0.016	0.53	UG/M3	0.53	U
EPD-UW-F-032423	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-UW-F-032423	TO-15 SIM	VINYL CHLORIDE	0.034	U	0.025	0.034	UG/M3	0.034	U
EPD-WA-01-032423	TO-15	1,2,4-TRICHLOROBENZENE	4.9	U	0.64	4.9	UG/M3	4.9	U
EPD-WA-01-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.64	U	0.16	0.64	UG/M3	0.64	U
EPD-WA-01-032423	TO-15	1,2-DICHLOROBENZENE	0.79	U	0.17	0.79	UG/M3	0.79	U
EPD-WA-01-032423	TO-15	1,2-DICHLOROPROPANE	0.60	U	0.21	0.60	UG/M3	0.60	U
EPD-WA-01-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.64	U	0.20	0.64	UG/M3	0.64	U
EPD-WA-01-032423	TO-15	1,3-BUTADIENE	0.29	U	0.12	0.29	UG/M3	0.29	U
EPD-WA-01-032423	TO-15	1,3-DICHLOROBENZENE	0.79	U	0.16	0.79	UG/M3	0.79	U
EPD-WA-01-032423	TO-15	1,4-DIOXANE	0.47	U	0.26	0.47	UG/M3	0.47	U
EPD-WA-01-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.0	U	0.43	3.0	UG/M3	3.0	U
EPD-WA-01-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.9	U	0.43	1.9	UG/M3	1.9	U
EPD-WA-01-032423	TO-15	2-HEXANONE	2.7	U	0.54	2.7	UG/M3	2.7	U
EPD-WA-01-032423	TO-15	2-PROPANOL	0.35	J	0.35	6.4	UG/M3	0.35	J
EPD-WA-01-032423	TO-15	3-CHLOROPROPENE	2.0	U	0.45	2.0	UG/M3	2.0	U
EPD-WA-01-032423	TO-15	4-ETHYLTOLUENE	0.64	U	0.15	0.64	UG/M3	0.64	U
EPD-WA-01-032423	TO-15	4-METHYL-2-PENTANONE	0.54	U	0.11	0.54	UG/M3	0.54	U
EPD-WA-01-032423	TO-15	ACETONE	4.5	J	0.88	6.2	UG/M3	6.2	U
EPD-WA-01-032423	TO-15	ALPHA-CHLOROTOLUENE	0.68	U	0.36	0.68	UG/M3	0.68	U
EPD-WA-01-032423	TO-15	BROMODICHLOROMETHANE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-01-032423	TO-15	BROMOFORM	1.4	U	0.31	1.4	UG/M3	1.4	U
EPD-WA-01-032423	TO-15	BROMOMETHANE	25	U	2.0	25	UG/M3	25	U
EPD-WA-01-032423	TO-15	CARBON DISULFIDE	0.72	J	0.27	2.0	UG/M3	2.0	U
EPD-WA-01-032423	TO-15	CHLOROBENZENE	0.60	U	0.17	0.6	UG/M3	0.60	U
EPD-WA-01-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-WA-01-032423	TO-15	CUMENE	0.64	U	0.097	0.64	UG/M3	0.64	U
EPD-WA-01-032423	TO-15	CYCLOHEXANE	2.2	U	0.24	2.2	UG/M3	2.2	U
EPD-WA-01-032423	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-WA-01-032423	TO-15	ETHANOL	4.9	U	1.3	4.9	UG/M3	4.9	U
EPD-WA-01-032423	TO-15	FREON 11	1.0		0.11	0.74	UG/M3	1.0	
EPD-WA-01-032423	TO-15	FREON 113	0.37	J	0.12	1.0	UG/M3	0.37	J
EPD-WA-01-032423	TO-15	HEPTANE	2.7	U	0.54	2.7	UG/M3	2.7	U
EPD-WA-01-032423	TO-15	HEXACHLOROBUTADIENE	7.0	U	0.58	7.0	UG/M3	7.0	U
EPD-WA-01-032423	TO-15	HEXANE	2.3	U	0.38	2.3	UG/M3	2.3	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-032423	TO-15	METHYLENE CHLORIDE	0.40	J	0.34	0.91	UG/M3	0.40	J
EPD-WA-01-032423	TO-15	PROPYLBENZENE	0.64	U	0.24	0.64	UG/M3	0.64	U
EPD-WA-01-032423	TO-15	STYRENE	0.56	U	0.10	0.56	UG/M3	0.56	U
EPD-WA-01-032423	TO-15	TETRAHYDROFURAN	1.9	U	1.2	1.9	UG/M3	1.9	U
EPD-WA-01-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.59	U	0.16	0.59	UG/M3	0.59	U
EPD-WA-01-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-01-032423	TO-15	ACETALDEHYDE	0.93	NJ			PPBV	0.93	NJ
EPD-WA-01-032423	TO-15	BUTANE, 2-METHYL-	1.4	NJ			PPBV	1.4	NJ
EPD-WA-01-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-01-032423	TO-15	CYCLOTETRASILOXANE, OCTAMETHYL-	0.72	NJ			PPBV	0.72	NJ
EPD-WA-01-032423	TO-15	PENTANE	0.75	NJ			PPBV	0.75	NJ
EPD-WA-01-032423	TO-15	UNKNOWN TIC	0.72	J			PPBV	0.72	J
EPD-WA-01-032423	TO-15	UNKNOWN TIC	2.1	J			PPBV	2.1	J
EPD-WA-01-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.019	0.14	UG/M3	0.14	U
EPD-WA-01-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.030	0.18	UG/M3	0.18	U
EPD-WA-01-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.028	0.14	UG/M3	0.14	U
EPD-WA-01-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-WA-01-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.052	U	0.026	0.052	UG/M3	0.052	U
EPD-WA-01-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.045	0.20	UG/M3	0.20	U
EPD-WA-01-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.084	J	0.021	0.11	UG/M3	0.084	J
EPD-WA-01-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.086	0.16	UG/M3	0.16	U
EPD-WA-01-032423	TO-15 SIM	BENZENE	0.42		0.040	0.21	UG/M3	0.42	
EPD-WA-01-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.39		0.031	0.16	UG/M3	0.39	J-
EPD-WA-01-032423	TO-15 SIM	CHLOROETHANE	0.17	U	0.10	0.17	UG/M3	0.17	U
EPD-WA-01-032423	TO-15 SIM	CHLOROFORM	0.055	J	0.020	0.13	UG/M3	0.055	J
EPD-WA-01-032423	TO-15 SIM	CHLOROMETHANE	1.0	J	0.13	1.4	UG/M3	1.0	J
EPD-WA-01-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.022	0.10	UG/M3	0.10	U
EPD-WA-01-032423	TO-15 SIM	ETHYL BENZENE	0.089	J	0.0081	0.11	UG/M3	0.089	J
EPD-WA-01-032423	TO-15 SIM	FREON 114	0.10	J	0.026	0.18	UG/M3	0.10	J
EPD-WA-01-032423	TO-15 SIM	FREON 12	1.9		0.018	0.32	UG/M3	1.9	
EPD-WA-01-032423	TO-15 SIM	M,P-XYLENE	0.28		0.016	0.23	UG/M3	0.28	
EPD-WA-01-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.47	U	0.018	0.47	UG/M3	0.47	U
EPD-WA-01-032423	TO-15 SIM	NAPHTHALENE	0.34	U	0.064	0.34	UG/M3	0.34	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-01-032423	TO-15 SIM	O-XYLENE	0.10	J	0.014	0.11	UG/M3	0.10	J
EPD-WA-01-032423	TO-15 SIM	TETRACHLOROETHENE	0.046	J	0.0068	0.18	UG/M3	0.18	U
EPD-WA-01-032423	TO-15 SIM	TOLUENE	0.43		0.016	0.25	UG/M3	0.43	
EPD-WA-01-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.52	U	0.016	0.52	UG/M3	0.52	U
EPD-WA-01-032423	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-01-032423	TO-15 SIM	VINYL CHLORIDE	0.74		0.024	0.033	UG/M3	0.74	
EPD-WA-02-032423	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	0.66	5.0	UG/M3	5.0	U
EPD-WA-02-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-WA-02-032423	TO-15	1,2-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-WA-02-032423	TO-15	1,2-DICHLOROPROPANE	0.62	U	0.22	0.62	UG/M3	0.62	U
EPD-WA-02-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.66	U	0.20	0.66	UG/M3	0.66	U
EPD-WA-02-032423	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-WA-02-032423	TO-15	1,3-DICHLOROBENZENE	0.80	U	0.17	0.80	UG/M3	0.80	U
EPD-WA-02-032423	TO-15	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-WA-02-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-WA-02-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.0	U	0.44	2.0	UG/M3	2.0	U
EPD-WA-02-032423	TO-15	2-HEXANONE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-WA-02-032423	TO-15	2-PROPANOL	0.42	J	0.35	6.6	UG/M3	0.42	J
EPD-WA-02-032423	TO-15	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-WA-02-032423	TO-15	4-ETHYLTOLUENE	0.66	U	0.16	0.66	UG/M3	0.66	U
EPD-WA-02-032423	TO-15	4-METHYL-2-PENTANONE	0.55	U	0.12	0.55	UG/M3	0.55	U
EPD-WA-02-032423	TO-15	ACETONE	4.0	J	0.90	6.4	UG/M3	6.4	U
EPD-WA-02-032423	TO-15	ALPHA-CHLOROTOLUENE	0.69	U	0.36	0.69	UG/M3	0.69	U
EPD-WA-02-032423	TO-15	BROMODICHLOROMETHANE	0.90	U	0.19	0.90	UG/M3	0.90	U
EPD-WA-02-032423	TO-15	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-WA-02-032423	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-02-032423	TO-15	CARBON DISULFIDE	0.75	J	0.27	2.1	UG/M3	2.1	U
EPD-WA-02-032423	TO-15	CHLOROBENZENE	0.62	U	0.18	0.62	UG/M3	0.62	U
EPD-WA-02-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.61	U	0.18	0.61	UG/M3	0.61	U
EPD-WA-02-032423	TO-15	CUMENE	0.66	U	0.099	0.66	UG/M3	0.66	U
EPD-WA-02-032423	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-WA-02-032423	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23	1.1	UG/M3	1.1	U
EPD-WA-02-032423	TO-15	ETHANOL	5.0	U	1.4	5.0	UG/M3	5.0	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-032423	TO-15	FREON 11	1.0		0.12	0.75	UG/M3	1.0	
EPD-WA-02-032423	TO-15	FREON 113	0.35	J	0.13	1.0	UG/M3	0.35	J
EPD-WA-02-032423	TO-15	HEPTANE	2.7	U	0.56	2.7	UG/M3	2.7	U
EPD-WA-02-032423	TO-15	HEXACHLOROBUTADIENE	7.1	U	0.60	7.1	UG/M3	7.1	U
EPD-WA-02-032423	TO-15	HEXANE	2.4	U	0.39	2.4	UG/M3	2.4	U
EPD-WA-02-032423	TO-15	METHYLENE CHLORIDE	0.37	J	0.35	0.93	UG/M3	0.37	J
EPD-WA-02-032423	TO-15	PROPYLBENZENE	0.66	U	0.24	0.66	UG/M3	0.66	U
EPD-WA-02-032423	TO-15	STYRENE	0.57	U	0.11	0.57	UG/M3	0.57	U
EPD-WA-02-032423	TO-15	TETRAHYDROFURAN	2.0	U	1.3	2.0	UG/M3	2.0	U
EPD-WA-02-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.61	U	0.16	0.61	UG/M3	0.61	U
EPD-WA-02-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-02-032423	TO-15	ACETALDEHYDE	1.3	NJ			PPBV	1.3	NJ
EPD-WA-02-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-02-032423	TO-15	CYCLOTETRAILOXANE, OCTAMETHYL-	0.84	NJ			PPBV	0.84	NJ
EPD-WA-02-032423	TO-15	UNKNOWN TIC	0.82	J			PPBV	0.82	J
EPD-WA-02-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-WA-02-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.031	0.18	UG/M3	0.18	U
EPD-WA-02-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.029	0.15	UG/M3	0.15	U
EPD-WA-02-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013	0.11	UG/M3	0.11	U
EPD-WA-02-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.053	U	0.027	0.053	UG/M3	0.053	U
EPD-WA-02-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.046	0.20	UG/M3	0.20	U
EPD-WA-02-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.076	J	0.021	0.11	UG/M3	0.076	J
EPD-WA-02-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.088	0.16	UG/M3	0.16	U
EPD-WA-02-032423	TO-15 SIM	BENZENE	0.32		0.041	0.21	UG/M3	0.32	
EPD-WA-02-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.031	0.17	UG/M3	0.37	J-
EPD-WA-02-032423	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-02-032423	TO-15 SIM	CHLOROFORM	0.053	J	0.021	0.13	UG/M3	0.053	J
EPD-WA-02-032423	TO-15 SIM	CHLOROMETHANE	0.95	J	0.14	1.4	UG/M3	0.95	J
EPD-WA-02-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.023	0.11	UG/M3	0.11	U
EPD-WA-02-032423	TO-15 SIM	ETHYL BENZENE	0.038	J	0.0083	0.12	UG/M3	0.038	J
EPD-WA-02-032423	TO-15 SIM	FREON 114	0.093	J	0.026	0.19	UG/M3	0.093	J
EPD-WA-02-032423	TO-15 SIM	FREON 12	1.8		0.019	0.33	UG/M3	1.8	
EPD-WA-02-032423	TO-15 SIM	M,P-XYLENE	0.10	J	0.017	0.23	UG/M3	0.10	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-02-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-WA-02-032423	TO-15 SIM	NAPHTHALENE	0.35	U	0.066	0.35	UG/M3	0.35	U
EPD-WA-02-032423	TO-15 SIM	O-XYLENE	0.041	J	0.014	0.12	UG/M3	0.041	J
EPD-WA-02-032423	TO-15 SIM	TETRACHLOROETHENE	0.032	J	0.007	0.18	UG/M3	0.18	U
EPD-WA-02-032423	TO-15 SIM	TOLUENE	0.23	J	0.017	0.25	UG/M3	0.23	J
EPD-WA-02-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.53	U	0.016	0.53	UG/M3	0.53	U
EPD-WA-02-032423	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.013	0.14	UG/M3	0.14	U
EPD-WA-02-032423	TO-15 SIM	VINYL CHLORIDE	0.055		0.025	0.034	UG/M3	0.055	
EPD-WA-03-032423	TO-15	1,2,4-TRICHLOROBENZENE	4.9	U	0.65	4.9	UG/M3	4.9	U
EPD-WA-03-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.65	U	0.16	0.65	UG/M3	0.65	U
EPD-WA-03-032423	TO-15	1,2-DICHLOROBENZENE	0.79	U	0.17	0.79	UG/M3	0.79	U
EPD-WA-03-032423	TO-15	1,2-DICHLOROPROPANE	0.61	U	0.21	0.61	UG/M3	0.61	U
EPD-WA-03-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.65	U	0.20	0.65	UG/M3	0.65	U
EPD-WA-03-032423	TO-15	1,3-BUTADIENE	0.29	U	0.12	0.29	UG/M3	0.29	U
EPD-WA-03-032423	TO-15	1,3-DICHLOROBENZENE	0.79	U	0.16	0.79	UG/M3	0.79	U
EPD-WA-03-032423	TO-15	1,4-DIOXANE	0.48	U	0.26	0.48	UG/M3	0.48	U
EPD-WA-03-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.1	U	0.44	3.1	UG/M3	3.1	U
EPD-WA-03-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.9	U	0.44	1.9	UG/M3	1.9	U
EPD-WA-03-032423	TO-15	2-HEXANONE	2.7	U	0.55	2.7	UG/M3	2.7	U
EPD-WA-03-032423	TO-15	2-PROPANOL	6.5	U	0.35	6.5	UG/M3	6.5	U
EPD-WA-03-032423	TO-15	3-CHLOROPROPENE	2.1	U	0.45	2.1	UG/M3	2.1	U
EPD-WA-03-032423	TO-15	4-ETHYLTOLUENE	0.65	U	0.15	0.65	UG/M3	0.65	U
EPD-WA-03-032423	TO-15	4-METHYL-2-PENTANONE	0.54	U	0.11	0.54	UG/M3	0.54	U
EPD-WA-03-032423	TO-15	ACETONE	3.6	J	0.89	6.3	UG/M3	6.3	U
EPD-WA-03-032423	TO-15	ALPHA-CHLOROTOLUENE	0.68	U	0.36	0.68	UG/M3	0.68	U
EPD-WA-03-032423	TO-15	BROMODICHLOROMETHANE	0.88	U	0.19	0.88	UG/M3	0.88	U
EPD-WA-03-032423	TO-15	BROMOFORM	1.4	U	0.31	1.4	UG/M3	1.4	U
EPD-WA-03-032423	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-03-032423	TO-15	CARBON DISULFIDE	0.68	J	0.27	2.0	UG/M3	2.0	U
EPD-WA-03-032423	TO-15	CHLOROBENZENE	0.61	U	0.17	0.61	UG/M3	0.61	U
EPD-WA-03-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.60	U	0.18	0.60	UG/M3	0.60	U
EPD-WA-03-032423	TO-15	CUMENE	0.65	U	0.098	0.65	UG/M3	0.65	U
EPD-WA-03-032423	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-032423	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.23		1.1 UG/M3	1.1	U
EPD-WA-03-032423	TO-15	ETHANOL	1.4	J	1.3		5.0 UG/M3	1.4	J
EPD-WA-03-032423	TO-15	FREON 11	0.96		0.11		0.74 UG/M3	0.96	
EPD-WA-03-032423	TO-15	FREON 113	0.40	J	0.13		1.0 UG/M3	0.40	J
EPD-WA-03-032423	TO-15	HEPTANE	2.7	U	0.55		2.7 UG/M3	2.7	U
EPD-WA-03-032423	TO-15	HEXACHLOROBUTADIENE	7.0	U	0.59		7.0 UG/M3	7.0	U
EPD-WA-03-032423	TO-15	HEXANE	2.3	U	0.39		2.3 UG/M3	2.3	U
EPD-WA-03-032423	TO-15	METHYLENE CHLORIDE	0.38	J	0.34		0.92 UG/M3	0.38	J
EPD-WA-03-032423	TO-15	PROPYLBENZENE	0.65	U	0.24		0.65 UG/M3	0.65	U
EPD-WA-03-032423	TO-15	STYRENE	0.56	U	0.10		0.56 UG/M3	0.56	U
EPD-WA-03-032423	TO-15	TETRAHYDROFURAN	1.9	U	1.2		1.9 UG/M3	1.9	U
EPD-WA-03-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.60	U	0.16		0.60 UG/M3	0.60	U
EPD-WA-03-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-03-032423	TO-15	ACETALDEHYDE	0.72	NJ			PPBV	0.72	NJ
EPD-WA-03-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-03-032423	TO-15	UNKNOWN TIC	1.0	J			PPBV	1.0	J
EPD-WA-03-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.020		0.14 UG/M3	0.14	U
EPD-WA-03-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.030		0.18 UG/M3	0.18	U
EPD-WA-03-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.029		0.14 UG/M3	0.14	U
EPD-WA-03-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.013		0.11 UG/M3	0.11	U
EPD-WA-03-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.052	U	0.026		0.052 UG/M3	0.052	U
EPD-WA-03-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.045		0.20 UG/M3	0.20	U
EPD-WA-03-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.080	J	0.021		0.11 UG/M3	0.080	J
EPD-WA-03-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.086		0.16 UG/M3	0.16	U
EPD-WA-03-032423	TO-15 SIM	BENZENE	0.37		0.041		0.21 UG/M3	0.37	
EPD-WA-03-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.38		0.031		0.17 UG/M3	0.38	J-
EPD-WA-03-032423	TO-15 SIM	CHLOROETHANE	0.17	U	0.11		0.17 UG/M3	0.17	U
EPD-WA-03-032423	TO-15 SIM	CHLOROFORM	0.054	J	0.020		0.13 UG/M3	0.054	J
EPD-WA-03-032423	TO-15 SIM	CHLOROMETHANE	1.0	J	0.13		1.4 UG/M3	1.0	J
EPD-WA-03-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.022		0.10 UG/M3	0.10	U
EPD-WA-03-032423	TO-15 SIM	ETHYL BENZENE	0.056	J	0.0081		0.11 UG/M3	0.056	J
EPD-WA-03-032423	TO-15 SIM	FREON 114	0.087	J	0.026		0.18 UG/M3	0.087	J
EPD-WA-03-032423	TO-15 SIM	FREON 12	1.8		0.019		0.33 UG/M3	1.8	



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-03-032423	TO-15 SIM	M,P-XYLENE	0.20	J	0.017	0.23	UG/M3	0.20	J
EPD-WA-03-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.48	U	0.018	0.48	UG/M3	0.48	U
EPD-WA-03-032423	TO-15 SIM	NAPHTHALENE	0.34	U	0.065	0.34	UG/M3	0.34	U
EPD-WA-03-032423	TO-15 SIM	O-XYLENE	0.073	J	0.014	0.11	UG/M3	0.073	J
EPD-WA-03-032423	TO-15 SIM	TETRACHLOROETHENE	0.042	J	0.0069	0.18	UG/M3	0.18	U
EPD-WA-03-032423	TO-15 SIM	TOLUENE	0.41		0.016	0.25	UG/M3	0.41	
EPD-WA-03-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.52	U	0.016	0.52	UG/M3	0.52	U
EPD-WA-03-032423	TO-15 SIM	TRICHLOROETHENE	0.016	J	0.013	0.14	UG/M3	0.016	J
EPD-WA-03-032423	TO-15 SIM	VINYL CHLORIDE	0.034	U	0.024	0.034	UG/M3	0.034	U
EPD-WA-04-032423	TO-15	1,2,4-TRICHLOROBENZENE	4.8	U	0.64	4.8	UG/M3	4.8	U
EPD-WA-04-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.19	J	0.15	0.64	UG/M3	0.19	J
EPD-WA-04-032423	TO-15	1,2-DICHLOROBENZENE	0.78	U	0.17	0.78	UG/M3	0.78	U
EPD-WA-04-032423	TO-15	1,2-DICHLOROPROPANE	0.60	U	0.21	0.60	UG/M3	0.60	U
EPD-WA-04-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.64	U	0.20	0.64	UG/M3	0.64	U
EPD-WA-04-032423	TO-15	1,3-BUTADIENE	0.29	U	0.12	0.29	UG/M3	0.29	U
EPD-WA-04-032423	TO-15	1,3-DICHLOROBENZENE	0.78	U	0.16	0.78	UG/M3	0.78	U
EPD-WA-04-032423	TO-15	1,4-DIOXANE	0.47	U	0.26	0.47	UG/M3	0.47	U
EPD-WA-04-032423	TO-15	2,2,4-TRIMETHYLPENTANE	0.54	J	0.43	3.0	UG/M3	0.54	J
EPD-WA-04-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.9	U	0.43	1.9	UG/M3	1.9	U
EPD-WA-04-032423	TO-15	2-HEXANONE	2.7	U	0.54	2.7	UG/M3	2.7	U
EPD-WA-04-032423	TO-15	2-PROPANOL	0.50	J	0.34	6.4	UG/M3	0.50	J
EPD-WA-04-032423	TO-15	3-CHLOROPROPENE	2.0	U	0.44	2.0	UG/M3	2.0	U
EPD-WA-04-032423	TO-15	4-ETHYLTOLUENE	0.64	U	0.15	0.64	UG/M3	0.64	U
EPD-WA-04-032423	TO-15	4-METHYL-2-PENTANONE	0.53	U	0.11	0.53	UG/M3	0.53	U
EPD-WA-04-032423	TO-15	ACETONE	5.4	J	0.87	6.2	UG/M3	6.2	U
EPD-WA-04-032423	TO-15	ALPHA-CHLOROTOLUENE	0.67	U	0.35	0.67	UG/M3	0.67	U
EPD-WA-04-032423	TO-15	BROMODICHLOROMETHANE	0.87	U	0.18	0.87	UG/M3	0.87	U
EPD-WA-04-032423	TO-15	BROMOFORM	1.3	U	0.30	1.3	UG/M3	1.3	U
EPD-WA-04-032423	TO-15	BROMOMETHANE	25	U	2.0	25	UG/M3	25	U
EPD-WA-04-032423	TO-15	CARBON DISULFIDE	0.72	J	0.27	2.0	UG/M3	2.0	U
EPD-WA-04-032423	TO-15	CHLOROBENZENE	0.60	U	0.17	0.60	UG/M3	0.60	U
EPD-WA-04-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.59	U	0.18	0.59	UG/M3	0.59	U
EPD-WA-04-032423	TO-15	CUMENE	0.64	U	0.096	0.64	UG/M3	0.64	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-032423	TO-15	CYCLOHEXANE	2.2	U	0.23	2.2	UG/M3	2.2	U
EPD-WA-04-032423	TO-15	DIBROMOCHLOROMETHANE	1.1	U	0.22	1.1	UG/M3	1.1	U
EPD-WA-04-032423	TO-15	ETHANOL	2.8	J	1.3	4.9	UG/M3	2.8	J
EPD-WA-04-032423	TO-15	FREON 11	1.0		0.11	0.73	UG/M3	1.0	
EPD-WA-04-032423	TO-15	FREON 113	0.43	J	0.12	1.0	UG/M3	0.43	J
EPD-WA-04-032423	TO-15	HEPTANE	2.7	U	0.54	2.7	UG/M3	2.7	U
EPD-WA-04-032423	TO-15	HEXACHLOROBUTADIENE	6.9	U	0.58	6.9	UG/M3	6.9	U
EPD-WA-04-032423	TO-15	HEXANE	0.50	J	0.38	2.3	UG/M3	0.50	J
EPD-WA-04-032423	TO-15	METHYLENE CHLORIDE	0.40	J	0.34	0.90	UG/M3	0.40	J
EPD-WA-04-032423	TO-15	PROPYLBENZENE	0.64	U	0.23	0.64	UG/M3	0.64	U
EPD-WA-04-032423	TO-15	STYRENE	0.55	U	0.10	0.55	UG/M3	0.55	U
EPD-WA-04-032423	TO-15	TETRAHYDROFURAN	1.9	U	1.2	1.9	UG/M3	1.9	U
EPD-WA-04-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.59	U	0.16	0.59	UG/M3	0.59	U
EPD-WA-04-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-04-032423	TO-15	ACETALDEHYDE	1.5	NJ			PPBV	1.5	NJ
EPD-WA-04-032423	TO-15	BUTANE, 2-METHYL-	1.3	NJ			PPBV	1.3	NJ
EPD-WA-04-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-04-032423	TO-15	CYCLOTETRAILOXANE, OCTAMETHYL-	5.4	NJ			PPBV	5.4	NJ
EPD-WA-04-032423	TO-15	FORMAMIDE, N-METHYLTHIO	0.99	NJ			PPBV	0.99	NJ
EPD-WA-04-032423	TO-15	HEXANAL	0.86	NJ			PPBV	0.86	NJ
EPD-WA-04-032423	TO-15	PENTANE	0.74	NJ			PPBV	0.74	NJ
EPD-WA-04-032423	TO-15	PENTANE, 2-METHYL-	0.81	NJ			PPBV	0.81	NJ
EPD-WA-04-032423	TO-15	UNKNOWN TIC	0.71	J			PPBV	0.71	J
EPD-WA-04-032423	TO-15	UNKNOWN TIC	1.5	J			PPBV	1.5	J
EPD-WA-04-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.14	U	0.019	0.14	UG/M3	0.14	U
EPD-WA-04-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.18	U	0.030	0.18	UG/M3	0.18	U
EPD-WA-04-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.14	U	0.028	0.14	UG/M3	0.14	U
EPD-WA-04-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.10	U	0.013	0.10	UG/M3	0.10	U
EPD-WA-04-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.052	U	0.026	0.052	UG/M3	0.052	U
EPD-WA-04-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.20	U	0.044	0.20	UG/M3	0.20	U
EPD-WA-04-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.087	J	0.020	0.10	UG/M3	0.087	J
EPD-WA-04-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.085	0.16	UG/M3	0.16	U
EPD-WA-04-032423	TO-15 SIM	BENZENE	0.70		0.040	0.21	UG/M3	0.70	

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-04-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.40		0.030	0.16	UG/M3	0.40	J-
EPD-WA-04-032423	TO-15 SIM	CHLOROETHANE	0.17	U	0.10	0.17	UG/M3	0.17	U
EPD-WA-04-032423	TO-15 SIM	CHLOROFORM	0.059	J	0.020	0.13	UG/M3	0.059	J
EPD-WA-04-032423	TO-15 SIM	CHLOROMETHANE	1.0	J	0.13	1.3	UG/M3	1.0	J
EPD-WA-04-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.10	U	0.022	0.10	UG/M3	0.10	U
EPD-WA-04-032423	TO-15 SIM	ETHYL BENZENE	0.17		0.008	0.11	UG/M3	0.17	
EPD-WA-04-032423	TO-15 SIM	FREON 114	0.10	J	0.026	0.18	UG/M3	0.10	J
EPD-WA-04-032423	TO-15 SIM	FREON 12	1.9		0.018	0.32	UG/M3	1.9	
EPD-WA-04-032423	TO-15 SIM	M,P-XYLENE	0.57		0.016	0.22	UG/M3	0.57	
EPD-WA-04-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.47	U	0.017	0.47	UG/M3	0.47	U
EPD-WA-04-032423	TO-15 SIM	NAPHTHALENE	0.34	U	0.064	0.34	UG/M3	0.34	U
EPD-WA-04-032423	TO-15 SIM	O-XYLENE	0.21		0.014	0.11	UG/M3	0.21	
EPD-WA-04-032423	TO-15 SIM	TETRACHLOROETHENE	0.038	J	0.0068	0.18	UG/M3	0.18	U
EPD-WA-04-032423	TO-15 SIM	TOLUENE	0.95		0.016	0.24	UG/M3	0.95	
EPD-WA-04-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.52	U	0.016	0.52	UG/M3	0.52	U
EPD-WA-04-032423	TO-15 SIM	TRICHLOROETHENE	0.14	U	0.012	0.14	UG/M3	0.14	U
EPD-WA-04-032423	TO-15 SIM	VINYL CHLORIDE	0.34		0.024	0.033	UG/M3	0.34	
EPD-WA-05-032423	TO-15	1,2,4-TRICHLOROBENZENE	5.0	U	0.67	5.0	UG/M3	5.0	U
EPD-WA-05-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-WA-05-032423	TO-15	1,2-DICHLOROBENZENE	0.82	U	0.18	0.82	UG/M3	0.82	U
EPD-WA-05-032423	TO-15	1,2-DICHLOROPROPANE	0.63	U	0.22	0.63	UG/M3	0.63	U
EPD-WA-05-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.67	U	0.21	0.67	UG/M3	0.67	U
EPD-WA-05-032423	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-WA-05-032423	TO-15	1,3-DICHLOROBENZENE	0.82	U	0.17	0.82	UG/M3	0.82	U
EPD-WA-05-032423	TO-15	1,4-DIOXANE	0.49	U	0.27	0.49	UG/M3	0.49	U
EPD-WA-05-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.2	U	0.45	3.2	UG/M3	3.2	U
EPD-WA-05-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.0	U	0.45	2.0	UG/M3	2.0	U
EPD-WA-05-032423	TO-15	2-HEXANONE	2.8	U	0.56	2.8	UG/M3	2.8	U
EPD-WA-05-032423	TO-15	2-PROPANOL	6.7	U	0.36	6.7	UG/M3	6.7	U
EPD-WA-05-032423	TO-15	3-CHLOROPROPENE	2.1	U	0.46	2.1	UG/M3	2.1	U
EPD-WA-05-032423	TO-15	4-ETHYLTOLUENE	0.67	U	0.16	0.67	UG/M3	0.67	U
EPD-WA-05-032423	TO-15	4-METHYL-2-PENTANONE	0.56	U	0.12	0.56	UG/M3	0.56	U
EPD-WA-05-032423	TO-15	ACETONE	6.0	J	0.91	6.5	UG/M3	6.5	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-032423	TO-15	ALPHA-CHLOROTOLUENE	0.70	U	0.37	0.70	UG/M3	0.70	U
EPD-WA-05-032423	TO-15	BROMODICHLOROMETHANE	0.91	U	0.19	0.91	UG/M3	0.91	U
EPD-WA-05-032423	TO-15	BROMOFORM	1.4	U	0.32	1.4	UG/M3	1.4	U
EPD-WA-05-032423	TO-15	BROMOMETHANE	26	U	2.0	26	UG/M3	26	U
EPD-WA-05-032423	TO-15	CARBON DISULFIDE	0.70	J	0.28	2.1	UG/M3	2.1	U
EPD-WA-05-032423	TO-15	CHLOROBENZENE	0.63	U	0.18	0.63	UG/M3	0.63	U
EPD-WA-05-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.62	U	0.19	0.62	UG/M3	0.62	U
EPD-WA-05-032423	TO-15	CUMENE	0.67	U	0.10	0.67	UG/M3	0.67	U
EPD-WA-05-032423	TO-15	CYCLOHEXANE	2.3	U	0.24	2.3	UG/M3	2.3	U
EPD-WA-05-032423	TO-15	DIBROMOCHLOROMETHANE	1.2	U	0.24	1.2	UG/M3	1.2	U
EPD-WA-05-032423	TO-15	ETHANOL	2.9	J	1.4	5.1	UG/M3	2.9	J
EPD-WA-05-032423	TO-15	FREON 11	1.0		0.12	0.76	UG/M3	1.0	
EPD-WA-05-032423	TO-15	FREON 113	0.42	J	0.13	1.0	UG/M3	0.42	J
EPD-WA-05-032423	TO-15	HEPTANE	2.8	U	0.56	2.8	UG/M3	2.8	U
EPD-WA-05-032423	TO-15	HEXACHLOROBUTADIENE	7.2	U	0.61	7.2	UG/M3	7.2	U
EPD-WA-05-032423	TO-15	HEXANE	2.4	U	0.40	2.4	UG/M3	2.4	U
EPD-WA-05-032423	TO-15	METHYLENE CHLORIDE	0.94	U	0.36	0.94	UG/M3	0.94	U
EPD-WA-05-032423	TO-15	PROPYLBENZENE	0.67	U	0.24	0.67	UG/M3	0.67	U
EPD-WA-05-032423	TO-15	STYRENE	0.58	U	0.11	0.58	UG/M3	0.58	U
EPD-WA-05-032423	TO-15	TETRAHYDROFURAN	2.0	U	1.3	2.0	UG/M3	2.0	U
EPD-WA-05-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.62	U	0.16	0.62	UG/M3	0.62	U
EPD-WA-05-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-05-032423	TO-15	ACETALDEHYDE	0.70	NJ			PPBV	0.70	NJ
EPD-WA-05-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-05-032423	TO-15	PENTANE	0.76	NJ			PPBV	0.76	NJ
EPD-WA-05-032423	TO-15	UNKNOWN TIC	0.90	J			PPBV	0.90	J
EPD-WA-05-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-WA-05-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.031	0.19	UG/M3	0.19	U
EPD-WA-05-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.030	0.15	UG/M3	0.15	U
EPD-WA-05-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-05-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.054	U	0.027	0.054	UG/M3	0.054	U
EPD-WA-05-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21	U	0.047	0.21	UG/M3	0.21	U
EPD-WA-05-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.078	J	0.021	0.11	UG/M3	0.078	J

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-05-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.089	0.16	UG/M3	0.16	U
EPD-WA-05-032423	TO-15 SIM	BENZENE	0.35		0.042	0.22	UG/M3	0.35	
EPD-WA-05-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.032	0.17	UG/M3	0.37	J-
EPD-WA-05-032423	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-05-032423	TO-15 SIM	CHLOROFORM	0.054	J	0.021	0.13	UG/M3	0.054	J
EPD-WA-05-032423	TO-15 SIM	CHLOROMETHANE	0.96	J	0.14	1.4	UG/M3	0.96	J
EPD-WA-05-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.023	0.11	UG/M3	0.11	U
EPD-WA-05-032423	TO-15 SIM	ETHYL BENZENE	0.058	J	0.0084	0.12	UG/M3	0.058	J
EPD-WA-05-032423	TO-15 SIM	FREON 114	0.090	J	0.027	0.19	UG/M3	0.090	J
EPD-WA-05-032423	TO-15 SIM	FREON 12	1.8		0.019	0.34	UG/M3	1.8	
EPD-WA-05-032423	TO-15 SIM	M,P-XYLENE	0.18	J	0.017	0.24	UG/M3	0.18	J
EPD-WA-05-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.49	U	0.018	0.49	UG/M3	0.49	U
EPD-WA-05-032423	TO-15 SIM	NAPHTHALENE	0.36	U	0.066	0.36	UG/M3	0.36	U
EPD-WA-05-032423	TO-15 SIM	O-XYLENE	0.068	J	0.014	0.12	UG/M3	0.068	J
EPD-WA-05-032423	TO-15 SIM	TETRACHLOROETHENE	0.029	J	0.0071	0.18	UG/M3	0.18	U
EPD-WA-05-032423	TO-15 SIM	TOLUENE	0.41		0.017	0.26	UG/M3	0.41	
EPD-WA-05-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.54	U	0.016	0.54	UG/M3	0.54	U
EPD-WA-05-032423	TO-15 SIM	TRICHLOROETHENE	0.016	J	0.013	0.15	UG/M3	0.016	J
EPD-WA-05-032423	TO-15 SIM	VINYL CHLORIDE	0.035	U	0.025	0.035	UG/M3	0.035	U
EPD-WA-06-032423	TO-15	1,2,4-TRICHLOROBENZENE	5.2	U	0.69	5.2	UG/M3	5.2	U
EPD-WA-06-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.69	U	0.17	0.69	UG/M3	0.69	U
EPD-WA-06-032423	TO-15	1,2-DICHLOROBENZENE	0.85	U	0.18	0.85	UG/M3	0.85	U
EPD-WA-06-032423	TO-15	1,2-DICHLOROPROPANE	0.65	U	0.23	0.65	UG/M3	0.65	U
EPD-WA-06-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.69	U	0.21	0.69	UG/M3	0.69	U
EPD-WA-06-032423	TO-15	1,3-BUTADIENE	0.31	U	0.13	0.31	UG/M3	0.31	U
EPD-WA-06-032423	TO-15	1,3-DICHLOROBENZENE	0.85	U	0.18	0.85	UG/M3	0.85	U
EPD-WA-06-032423	TO-15	1,4-DIOXANE	0.51	U	0.28	0.51	UG/M3	0.51	U
EPD-WA-06-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.3	U	0.47	3.3	UG/M3	3.3	U
EPD-WA-06-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	1.0	J	0.47	2.1	UG/M3	1.0	J
EPD-WA-06-032423	TO-15	2-HEXANONE	2.9	U	0.59	2.9	UG/M3	2.9	U
EPD-WA-06-032423	TO-15	2-PROPANOL	0.91	J	0.37	6.9	UG/M3	0.91	J
EPD-WA-06-032423	TO-15	3-CHLOROPROPENE	2.2	U	0.48	2.2	UG/M3	2.2	U
EPD-WA-06-032423	TO-15	4-ETHYLTOLUENE	0.69	U	0.16	0.69	UG/M3	0.69	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-032423	TO-15	4-METHYL-2-PENTANONE	0.58	U	0.12	0.58	UG/M3	0.58	U
EPD-WA-06-032423	TO-15	ACETONE	5.6	J	0.95	6.7	UG/M3	6.7	U
EPD-WA-06-032423	TO-15	ALPHA-CHLOROTOLUENE	0.73	U	0.38	0.73	UG/M3	0.73	U
EPD-WA-06-032423	TO-15	BROMODICHLOROMETHANE	0.94	U	0.20	0.94	UG/M3	0.94	U
EPD-WA-06-032423	TO-15	BROMOFORM	1.4	U	0.33	1.4	UG/M3	1.4	U
EPD-WA-06-032423	TO-15	BROMOMETHANE	27	U	2.1	27	UG/M3	27	U
EPD-WA-06-032423	TO-15	CARBON DISULFIDE	0.83	J	0.29	2.2	UG/M3	2.2	U
EPD-WA-06-032423	TO-15	CHLOROBENZENE	0.65	U	0.18	0.65	UG/M3	0.65	U
EPD-WA-06-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.64	U	0.19	0.64	UG/M3	0.64	U
EPD-WA-06-032423	TO-15	CUMENE	0.69	U	0.10	0.69	UG/M3	0.69	U
EPD-WA-06-032423	TO-15	CYCLOHEXANE	2.4	U	0.25	2.4	UG/M3	2.4	U
EPD-WA-06-032423	TO-15	DIBROMOCHLOROMETHANE	1.2	U	0.24	1.2	UG/M3	1.2	U
EPD-WA-06-032423	TO-15	ETHANOL	5.8		1.4	5.3	UG/M3	5.8	
EPD-WA-06-032423	TO-15	FREON 11	1.0		0.12	0.79	UG/M3	1.0	
EPD-WA-06-032423	TO-15	FREON 113	0.48	J	0.14	1.1	UG/M3	0.48	J
EPD-WA-06-032423	TO-15	HEPTANE	2.9	U	0.58	2.9	UG/M3	2.9	U
EPD-WA-06-032423	TO-15	HEXACHLOROBUTADIENE	7.5	U	0.63	7.5	UG/M3	7.5	U
EPD-WA-06-032423	TO-15	HEXANE	2.5	U	0.41	2.5	UG/M3	2.5	U
EPD-WA-06-032423	TO-15	METHYLENE CHLORIDE	0.40	J	0.37	0.98	UG/M3	0.40	J
EPD-WA-06-032423	TO-15	PROPYLBENZENE	0.69	U	0.25	0.69	UG/M3	0.69	U
EPD-WA-06-032423	TO-15	STYRENE	0.60	U	0.11	0.60	UG/M3	0.60	U
EPD-WA-06-032423	TO-15	TETRAHYDROFURAN	2.1	U	1.3	2.1	UG/M3	2.1	U
EPD-WA-06-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.64	U	0.17	0.64	UG/M3	0.64	U
EPD-WA-06-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-06-032423	TO-15	ACETALDEHYDE	2.2	NJ			PPBV	2.2	NJ
EPD-WA-06-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF
EPD-WA-06-032423	TO-15	CYCLOPROPANE, 1-HEXYL-2-METHYL-	0.81	NJ			PPBV	0.81	NJ
EPD-WA-06-032423	TO-15	CYCLOTETRAILOXANE, OCTAMETHYL-	1.6	NJ			PPBV	1.6	NJ
EPD-WA-06-032423	TO-15	UNKNOWN TIC	0.72	J			PPBV	0.72	J
EPD-WA-06-032423	TO-15	UNKNOWN TIC	0.81	J			PPBV	0.81	J
EPD-WA-06-032423	TO-15	UNKNOWN TIC	0.99	J			PPBV	0.99	J
EPD-WA-06-032423	TO-15	UNKNOWN TIC	1.2	J			PPBV	1.2	J
EPD-WA-06-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.021	0.15	UG/M3	0.15	U

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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-06-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.032	0.19	UG/M3	0.19	U
EPD-WA-06-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.031	0.15	UG/M3	0.15	U
EPD-WA-06-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-06-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.056	U	0.028	0.056	UG/M3	0.056	U
EPD-WA-06-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.22	U	0.048	0.22	UG/M3	0.22	U
EPD-WA-06-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.081	J	0.022	0.11	UG/M3	0.081	J
EPD-WA-06-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.17	U	0.092	0.17	UG/M3	0.17	U
EPD-WA-06-032423	TO-15 SIM	BENZENE	0.37		0.044	0.22	UG/M3	0.37	
EPD-WA-06-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.39		0.033	0.18	UG/M3	0.39	J
EPD-WA-06-032423	TO-15 SIM	CHLOROETHANE	0.19	U	0.11	0.19	UG/M3	0.19	U
EPD-WA-06-032423	TO-15 SIM	CHLOROFORM	0.058	J	0.022	0.14	UG/M3	0.058	J
EPD-WA-06-032423	TO-15 SIM	CHLOROMETHANE	1.0	J	0.14	1.4	UG/M3	1.0	J
EPD-WA-06-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-WA-06-032423	TO-15 SIM	ETHYL BENZENE	0.056	J	0.0087	0.12	UG/M3	0.056	J
EPD-WA-06-032423	TO-15 SIM	FREON 114	0.10	J	0.028	0.20	UG/M3	0.10	J
EPD-WA-06-032423	TO-15 SIM	FREON 12	1.9		0.020	0.35	UG/M3	1.9	
EPD-WA-06-032423	TO-15 SIM	M,P-XYLENE	0.16	J	0.018	0.24	UG/M3	0.16	J
EPD-WA-06-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.51	U	0.019	0.51	UG/M3	0.51	U
EPD-WA-06-032423	TO-15 SIM	NAPHTHALENE	0.37	U	0.069	0.37	UG/M3	0.37	U
EPD-WA-06-032423	TO-15 SIM	O-XYLENE	0.070	J	0.015	0.12	UG/M3	0.070	J
EPD-WA-06-032423	TO-15 SIM	TETRACHLOROETHENE	0.037	J	0.0074	0.19	UG/M3	0.19	U
EPD-WA-06-032423	TO-15 SIM	TOLUENE	0.31		0.018	0.26	UG/M3	0.31	
EPD-WA-06-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.56	U	0.017	0.56	UG/M3	0.56	U
EPD-WA-06-032423	TO-15 SIM	TRICHLOROETHENE	0.15	U	0.014	0.15	UG/M3	0.15	U
EPD-WA-06-032423	TO-15 SIM	VINYL CHLORIDE	0.033	J	0.026	0.036	UG/M3	0.033	J
EPD-WA-33-032423	TO-15	1,2,4-TRICHLOROBENZENE	5.1	U	0.68	5.1	UG/M3	5.1	U
EPD-WA-33-032423	TO-15	1,2,4-TRIMETHYLBENZENE	0.68	U	0.16	0.68	UG/M3	0.68	U
EPD-WA-33-032423	TO-15	1,2-DICHLOROBENZENE	0.83	U	0.18	0.83	UG/M3	0.83	U
EPD-WA-33-032423	TO-15	1,2-DICHLOROPROPANE	0.64	U	0.22	0.64	UG/M3	0.64	U
EPD-WA-33-032423	TO-15	1,3,5-TRIMETHYLBENZENE	0.68	U	0.21	0.68	UG/M3	0.68	U
EPD-WA-33-032423	TO-15	1,3-BUTADIENE	0.30	U	0.12	0.30	UG/M3	0.30	U
EPD-WA-33-032423	TO-15	1,3-DICHLOROBENZENE	0.83	U	0.17	0.83	UG/M3	0.83	U
EPD-WA-33-032423	TO-15	1,4-DIOXANE	0.50	U	0.27	0.50	UG/M3	0.50	U

E PALESTINE SITE - ER AIR ANALYTICAL RESULTS SUMMARY  
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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-032423	TO-15	2,2,4-TRIMETHYLPENTANE	3.2	U	0.46		3.2 UG/M3	3.2	U
EPD-WA-33-032423	TO-15	2-BUTANONE (METHYL ETHYL KETONE)	2.0	U	0.46		2.0 UG/M3	2.0	U
EPD-WA-33-032423	TO-15	2-HEXANONE	2.8	U	0.57		2.8 UG/M3	2.8	U
EPD-WA-33-032423	TO-15	2-PROPANOL	6.8	U	0.36		6.8 UG/M3	6.8	U
EPD-WA-33-032423	TO-15	3-CHLOROPROPENE	2.2	U	0.47		2.2 UG/M3	2.2	U
EPD-WA-33-032423	TO-15	4-ETHYLTOLUENE	0.68	U	0.16		0.68 UG/M3	0.68	U
EPD-WA-33-032423	TO-15	4-METHYL-2-PENTANONE	0.56	U	0.12		0.56 UG/M3	0.56	U
EPD-WA-33-032423	TO-15	ACETONE	2.9	J	0.93		6.6 UG/M3	6.6	U
EPD-WA-33-032423	TO-15	ALPHA-CHLOROTOLUENE	0.71	U	0.38		0.71 UG/M3	0.71	U
EPD-WA-33-032423	TO-15	BROMODICHLOROMETHANE	0.92	U	0.20		0.92 UG/M3	0.92	U
EPD-WA-33-032423	TO-15	BROMOFORM	1.4	U	0.32		1.4 UG/M3	1.4	U
EPD-WA-33-032423	TO-15	BROMOMETHANE	27	U	2.1		27 UG/M3	27	U
EPD-WA-33-032423	TO-15	CARBON DISULFIDE	0.66	J	0.28		2.1 UG/M3	2.1	U
EPD-WA-33-032423	TO-15	CHLOROBENZENE	0.64	U	0.18		0.64 UG/M3	0.64	U
EPD-WA-33-032423	TO-15	CIS-1,3-DICHLOROPROPENE	0.63	U	0.19		0.63 UG/M3	0.63	U
EPD-WA-33-032423	TO-15	CUMENE	0.68	U	0.10		0.68 UG/M3	0.68	U
EPD-WA-33-032423	TO-15	CYCLOHEXANE	2.4	U	0.25		2.4 UG/M3	2.4	U
EPD-WA-33-032423	TO-15	DIBROMOCHLOROMETHANE	1.2	U	0.24		1.2 UG/M3	1.2	U
EPD-WA-33-032423	TO-15	ETHANOL	5.2	U	1.4		5.2 UG/M3	5.2	U
EPD-WA-33-032423	TO-15	FREON 11	1.0		0.12		0.78 UG/M3	1.0	
EPD-WA-33-032423	TO-15	FREON 113	0.42	J	0.13		1.0 UG/M3	0.42	J
EPD-WA-33-032423	TO-15	HEPTANE	2.8	U	0.57		2.8 UG/M3	2.8	U
EPD-WA-33-032423	TO-15	HEXACHLOROBUTADIENE	7.4	U	0.62		7.4 UG/M3	7.4	U
EPD-WA-33-032423	TO-15	HEXANE	2.4	U	0.40		2.4 UG/M3	2.4	U
EPD-WA-33-032423	TO-15	METHYLENE CHLORIDE	0.39	J	0.36		0.96 UG/M3	0.39	J
EPD-WA-33-032423	TO-15	PROPYLBENZENE	0.68	U	0.25		0.68 UG/M3	0.68	U
EPD-WA-33-032423	TO-15	STYRENE	0.59	U	0.11		0.59 UG/M3	0.59	U
EPD-WA-33-032423	TO-15	TETRAHYDROFURAN	2.0	U	1.3		2.0 UG/M3	2.0	U
EPD-WA-33-032423	TO-15	TRANS-1,3-DICHLOROPROPENE	0.63	U	0.17		0.63 UG/M3	0.63	U
EPD-WA-33-032423	TO-15	2-ETHYL-1-HEXANOL	0	U			PPBV	0	U,NF
EPD-WA-33-032423	TO-15	ACETALDEHYDE	0.95	NJ			PPBV	0.95	NJ
EPD-WA-33-032423	TO-15	BUTANE, 2-METHYL-	0.69	NJ			PPBV	0.69	NJ
EPD-WA-33-032423	TO-15	BUTYL ACRYLATE (2-PROPENOIC ACID ,BUTYL ESTER)	0	U			PPBV	0	U,NF



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Sample_ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
EPD-WA-33-032423	TO-15	UNKNOWN TIC	0.85	J			PPBV	0.85	J
EPD-WA-33-032423	TO-15 SIM	1,1,1-TRICHLOROETHANE	0.15	U	0.020	0.15	UG/M3	0.15	U
EPD-WA-33-032423	TO-15 SIM	1,1,2,2-TETRACHLOROETHANE	0.19	U	0.032	0.19	UG/M3	0.19	U
EPD-WA-33-032423	TO-15 SIM	1,1,2-TRICHLOROETHANE	0.15	U	0.030	0.15	UG/M3	0.15	U
EPD-WA-33-032423	TO-15 SIM	1,1-DICHLOROETHANE	0.11	U	0.014	0.11	UG/M3	0.11	U
EPD-WA-33-032423	TO-15 SIM	1,1-DICHLOROETHENE	0.055	U	0.028	0.055	UG/M3	0.055	U
EPD-WA-33-032423	TO-15 SIM	1,2-DIBROMOETHANE (EDB)	0.21	U	0.047	0.21	UG/M3	0.21	U
EPD-WA-33-032423	TO-15 SIM	1,2-DICHLOROETHANE	0.080	J	0.022	0.11	UG/M3	0.080	J
EPD-WA-33-032423	TO-15 SIM	1,4-DICHLOROBENZENE	0.16	U	0.090	0.16	UG/M3	0.16	U
EPD-WA-33-032423	TO-15 SIM	BENZENE	0.34		0.043	0.22	UG/M3	0.34	
EPD-WA-33-032423	TO-15 SIM	CARBON TETRACHLORIDE	0.37		0.032	0.17	UG/M3	0.37	J
EPD-WA-33-032423	TO-15 SIM	CHLOROETHANE	0.18	U	0.11	0.18	UG/M3	0.18	U
EPD-WA-33-032423	TO-15 SIM	CHLOROFORM	0.053	J	0.021	0.13	UG/M3	0.053	J
EPD-WA-33-032423	TO-15 SIM	CHLOROMETHANE	0.96	J	0.14	1.4	UG/M3	0.96	J
EPD-WA-33-032423	TO-15 SIM	CIS-1,2-DICHLOROETHENE	0.11	U	0.024	0.11	UG/M3	0.11	U
EPD-WA-33-032423	TO-15 SIM	ETHYL BENZENE	0.060	J	0.0085	0.12	UG/M3	0.060	J
EPD-WA-33-032423	TO-15 SIM	FREON 114	0.094	J	0.027	0.19	UG/M3	0.094	J
EPD-WA-33-032423	TO-15 SIM	FREON 12	1.8		0.020	0.34	UG/M3	1.8	
EPD-WA-33-032423	TO-15 SIM	M,P-XYLENE	0.20	J	0.017	0.24	UG/M3	0.20	J
EPD-WA-33-032423	TO-15 SIM	METHYL TERT-BUTYL ETHER	0.50	U	0.018	0.50	UG/M3	0.50	U
EPD-WA-33-032423	TO-15 SIM	NAPHTHALENE	0.36	U	0.068	0.36	UG/M3	0.36	U
EPD-WA-33-032423	TO-15 SIM	O-XYLENE	0.076	J	0.015	0.12	UG/M3	0.076	J
EPD-WA-33-032423	TO-15 SIM	TETRACHLOROETHENE	0.052	J	0.0072	0.19	UG/M3	0.19	U
EPD-WA-33-032423	TO-15 SIM	TOLUENE	0.40		0.017	0.26	UG/M3	0.40	
EPD-WA-33-032423	TO-15 SIM	TRANS-1,2-DICHLOROETHENE	0.55	U	0.017	0.55	UG/M3	0.55	U
EPD-WA-33-032423	TO-15 SIM	TRICHLOROETHENE	0.15	U	0.013	0.15	UG/M3	0.15	U
EPD-WA-33-032423	TO-15 SIM	VINYL CHLORIDE	0.035	U	0.025	0.035	UG/M3	0.035	U