

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : US EPA RIVERSIDE INDUSTRIAL PARK SUPERFUND SITE

WOODARD & CURRAN

800 Westchester Avenue, Suite N507

Suite N507

Rye Brook, NY - 10573

Phone No: 800-807-4080

ORDER ID : Q1669

ATTENTION : Bryan Maurer



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : Woodard & Curran
 Project Location : _____ Project Number : _____
 Laboratory Sample ID(s) : Q1669 Sampling Date(s) : 03/26/2025,03/27/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **TO-15**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☐ Yes ☐ No ☒ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☒ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☒ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : Q1669

Project ID : US EPA Riverside Industrial Park Superfund Site

Client : Woodard & Curran

Lab Sample Number

Q1669-01
Q1669-02
Q1669-03
Q1669-04
Q1669-05
Q1669-06
Q1669-07
Q1669-08
Q1669-09

Client Sample Number

IA-B9-3-3262025
IA-B9-2-3262025
IA-B9-1-3262025
AA-2-3252025
SSSG-B16-3-3262025
SSSG-DUP-1-3262025
SSSG-B16-1-3262025
SSSG-B16-2-3262025
AA-3-3252025

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 4/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Woodard & Curran

Project Name: US EPA Riverside Industrial Park Superfund Site

Project # N/A

Chemtech Project # Q1669

Test Name: TO-15

A. Number of Samples and Date of Receipt:

9 Air samples were received on 03/27/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD for {Q1669-09DUP} with File ID: VL042190.D met criteria except for 2-Butanone[24.4%], m/p-Xylene[200%] due to difference in results of original and DUP.

The RPD for {Q1669-01DUP} with File ID: VL042196.D met criteria except for 1,3,5-Trimethylbenzene[200%], Cyclohexane[200%] due to difference in results of original and DUP.

The RPD for {Q1669-06DUP} with File ID: VL042206.D met criteria except for Tetrachloroethene[200%] due to difference in results of original and DUP.

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

Samples IA-B9-3-3262025, SSSG-DUP-1-3262025 and SSSG-B16-1-3262025 were diluted due to high concentrations.

E. Additional Comments:

The Sample #IA-B9-3-3262025, IA-B9-3-3262025DL, AA-2-3252025, SSSG-DUP-1-3262025DL, SSSG-B16-1-3262025, SSSG-B16-1-3262025DL, SSSG-B16-2-3262025, AA-3-3252025 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The not QT review data is reported in the Miscellaneous.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The Manual Integrations are performed for the followings :

Manual Integration Report			
Sequence	vl032725	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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VSTDICCC010	VL042172.D	m/p-Xylene	SAM	3/31/2025 11:24:55 AM	MMDadoda	4/3/2025 8:05:09 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042173.D	1,4-Dioxane	SAM	3/31/2025 11:25:00 AM	MMDadoda	4/3/2025 8:05:13 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042173.D	Ethanol	SAM	3/31/2025 11:25:00 AM	MMDadoda	4/3/2025 8:05:13 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042173.D	m/p-Xylene	SAM	3/31/2025 11:25:00 AM	MMDadoda	4/3/2025 8:05:13 AM	Peak Integrated by Software incorrectly
VSTDICCC001	VL042174.D	1,4-Dioxane	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software

							incorrectly
VSTDICC001	VL042174.D	4-Methyl-2-Pentanone	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	Ethanol	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	m/p-Xylene	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	Methyl Methacrylate	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	Propene	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	t-1,3-Dichloropropene	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	trans-1,2-Dichloroethene	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL042174.D	Vinyl Acetate	SAM	3/31/2025 11:26:28 AM	MMDadoda	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL042175.D	1,1,2-Trichloroethane	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly

VSTDIC0.5	VL042175.D	1,4-Dioxane	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	cis-1,3-Dichloropropene	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	Cyclohexane	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	m/p-Xylene	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	Methyl Methacrylate	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	Propene	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	Tetrahydrofuran	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	Trichloroethene	SAM	3/31/2025 11:26:33 AM	MMDadoda	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042176.D	1,1,1-Trichloroethane	SAM	3/31/2025 11:25:04 AM	MMDadoda	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL042176.D	1,1,2,2-Tetrachloroethane	SAM	3/31/2025	MMDadoda	4/3/2025	Peak Integrated

				11:25:04 AM		8:05:45 AM	d by Software incorrectl y
VSTDICC0.1	VL042176.D	1,2-Dibromoethane	SAM	3/31/2025 11:25:04 AM	MMDadoda	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectl y
VSTDICC0.1	VL042176.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:04 AM	MMDadoda	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectl y
VSTDICC0.1	VL042176.D	Trichloroethene	SAM	3/31/2025 11:25:04 AM	MMDadoda	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectl y
VSTDICC0.03	VL042177.D	1,1,1-Trichloroethane	SAM	3/31/2025 11:26:39 AM	MMDadoda	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectl y
VSTDICC0.03	VL042177.D	1,1,2,2-Tetrachloroethane	SAM	3/31/2025 11:26:39 AM	MMDadoda	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectl y
VSTDICC0.03	VL042177.D	Carbon Tetrachloride	SAM	3/31/2025 11:26:39 AM	MMDadoda	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectl y
VSTDICC0.03	VL042177.D	Tetrachloroethene	SAM	3/31/2025 11:26:39 AM	MMDadoda	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectl y
VSTDICC0.03	VL042177.D	Trichloroethene	SAM	3/31/2025 11:26:39 AM	MMDadoda	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectl y
VSTDICC0.03	VL042177.D	Vinyl Chloride	SAM	3/31/2025 11:26:39 AM	MMDadoda	4/3/2025 8:05:59 AM	Peak Integrated by Software

							incorrectly
VSTDIC015	VL042178.D	m/p-Xylene	SAM	3/31/2025 11:25:14 AM	MMDadoda	4/3/2025 8:06:09 AM	Peak Integrated by Software incorrectly
VSTDICV010	VL042179.D	m/p-Xylene	SAM	3/31/2025 11:28:50 AM	MMDadoda	4/3/2025 8:06:14 AM	Peak Integrated by Software incorrectly
VL0327ABS01	VL042181.D	m/p-Xylene	SAM	3/31/2025 11:25:09 AM	MMDadoda	4/3/2025 8:06:19 AM	Peak Integrated by Software incorrectly
Q1669-01	VL042185.D	2,2,4-Trimethylpentane	SAM	3/31/2025 11:26:49 AM	MMDadoda	4/3/2025 8:06:44 AM	Peak Integrated by Software incorrectly
Q1669-01	VL042185.D	4-Methyl-2-Pentanone	SAM	3/31/2025 11:26:49 AM	MMDadoda	4/3/2025 8:06:44 AM	Peak Integrated by Software incorrectly
Q1669-01	VL042185.D	Chlorodifluoromethane	SAM	3/31/2025 11:26:49 AM	MMDadoda	4/3/2025 8:06:44 AM	Peak Integrated by Software incorrectly
Q1669-01	VL042185.D	Cyclohexane	SAM	3/31/2025 11:26:49 AM	MMDadoda	4/3/2025 8:06:44 AM	Peak Integrated by Software incorrectly
Q1669-01	VL042185.D	Heptane	SAM	3/31/2025 11:26:49 AM	MMDadoda	4/3/2025 8:06:44 AM	Peak Integrated by Software incorrectly
Q1669-01	VL042185.D	m/p-Xylene	SAM	3/31/2025 11:26:49 AM	MMDadoda	4/3/2025 8:06:44 AM	Peak Integrated by Software incorrectly

Q1669-02	VL042186.D	2,2,4-Trimethylpentane	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Carbon Tetrachloride	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Chlorodifluoromethane	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Cyclohexane	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Heptane	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Propene	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Styrene	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-02	VL042186.D	Trichloroethene	SAM	3/31/2025 11:26:59 AM	MMDadoda	4/3/2025 8:06:49 AM	Peak Integrated by Software incorrectly
Q1669-03	VL042187.D	2,2,4-Trimethylpentane	SAM	3/31/2025 11:25:41 AM	MMDadoda	4/3/2025 8:06:54 AM	Peak Integrated by Software incorrectly
Q1669-03	VL042187.D	4-Methyl-2-Pentanone	SAM	3/31/2025	MMDadoda	4/3/2025	Peak Integrated

				11:25:41 AM		8:06:54 AM	d by Software incorrectly
Q1669-03	VL042187.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:41 AM	MMDadoda	4/3/2025 8:06:54 AM	Peak Integrated by Software incorrectly
Q1669-03	VL042187.D	Cyclohexane	SAM	3/31/2025 11:25:41 AM	MMDadoda	4/3/2025 8:06:54 AM	Peak Integrated by Software incorrectly
Q1669-03	VL042187.D	Heptane	SAM	3/31/2025 11:25:41 AM	MMDadoda	4/3/2025 8:06:54 AM	Peak Integrated by Software incorrectly
Q1669-03	VL042187.D	n-propylbenzene	SAM	3/31/2025 11:25:41 AM	MMDadoda	4/3/2025 8:06:54 AM	Peak Integrated by Software incorrectly
Q1669-04	VL042188.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:57 AM	MMDadoda	4/3/2025 8:07:00 AM	Peak Integrated by Software incorrectly
Q1669-04	VL042188.D	Chlorodifluoromethane	SAM	3/31/2025 11:25:57 AM	MMDadoda	4/3/2025 8:07:00 AM	Peak Integrated by Software incorrectly
Q1669-04	VL042188.D	m/p-Xylene	SAM	3/31/2025 11:25:57 AM	MMDadoda	4/3/2025 8:07:00 AM	Peak Integrated by Software incorrectly
Q1669-04	VL042188.D	Propene	SAM	3/31/2025 11:25:57 AM	MMDadoda	4/3/2025 8:07:00 AM	Peak Integrated by Software incorrectly
Q1669-09	VL042189.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:37 AM	MMDadoda	4/3/2025 8:07:08 AM	Peak Integrated by Software

							incorrectl y
Q1669-09	VL042189. D	m/p-Xylene	SA M	3/31/202 5 11:25:37 AM	MMDadod a	4/3/202 5 8:07:08 AM	Peak Integrate d by Software incorrectl y
Q1669-09	VL042189. D	Propene	SA M	3/31/202 5 11:25:37 AM	MMDadod a	4/3/202 5 8:07:08 AM	Peak Integrate d by Software incorrectl y
Q1669- 09DUP	VL042190. D	Benzene	SA M	3/31/202 5 11:27:04 AM	MMDadod a	4/3/202 5 8:07:18 AM	Peak Integrate d by Software incorrectl y
Q1669- 09DUP	VL042190. D	Carbon Tetrachloride	SA M	3/31/202 5 11:27:04 AM	MMDadod a	4/3/202 5 8:07:18 AM	Peak Integrate d by Software incorrectl y
Q1669- 09DUP	VL042190. D	m/p-Xylene	SA M	3/31/202 5 11:27:04 AM	MMDadod a	4/3/202 5 8:07:18 AM	Peak Integrate d by Software incorrectl y
Q1669- 09DUP	VL042190. D	Toluene	SA M	3/31/202 5 11:27:04 AM	MMDadod a	4/3/202 5 8:07:18 AM	Peak Integrate d by Software incorrectl y
Q1669-07DL	VL042192. D	4-Methyl-2-Pentanone	SA M	3/31/202 5 11:27:27 AM	MMDadod a	4/3/202 5 8:07:28 AM	Peak Integrate d by Software incorrectl y
Q1669-07DL	VL042192. D	m/p-Xylene	SA M	3/31/202 5 11:27:27 AM	MMDadod a	4/3/202 5 8:07:28 AM	Peak Integrate d by Software incorrectl y
Q1669-01DL	VL042195. D	m/p-Xylene	SA M	3/31/202 5 11:27:14 AM	MMDadod a	4/3/202 5 8:07:50 AM	Peak Integrate d by Software incorrectl y

Q1669-01DL	VL042195.D	Propene	SAM	3/31/2025 11:27:14 AM	MMDadoda	4/3/2025 8:07:50 AM	Peak Integrated by Software incorrectly
Q1669-01DUP	VL042196.D	2,2,4-Trimethylpentane	SAM	3/31/2025 11:25:32 AM	MMDadoda	4/3/2025 8:07:55 AM	Peak Integrated by Software incorrectly
Q1669-01DUP	VL042196.D	4-Methyl-2-Pentanone	SAM	3/31/2025 11:25:32 AM	MMDadoda	4/3/2025 8:07:55 AM	Peak Integrated by Software incorrectly
Q1669-01DUP	VL042196.D	Cyclohexane	SAM	3/31/2025 11:25:32 AM	MMDadoda	4/3/2025 8:07:55 AM	Peak Integrated by Software incorrectly
Q1669-01DUP	VL042196.D	Heptane	SAM	3/31/2025 11:25:32 AM	MMDadoda	4/3/2025 8:07:55 AM	Peak Integrated by Software incorrectly
Q1669-05	VL042197.D	Carbon Tetrachloride	SAM	3/31/2025 11:26:03 AM	MMDadoda	4/3/2025 8:08:00 AM	Peak Integrated by Software incorrectly
Q1669-05	VL042197.D	Chlorodifluoromethane	SAM	3/31/2025 11:26:03 AM	MMDadoda	4/3/2025 8:08:00 AM	Peak Integrated by Software incorrectly
Q1669-05	VL042197.D	Cyclohexane	SAM	3/31/2025 11:26:03 AM	MMDadoda	4/3/2025 8:08:00 AM	Peak Integrated by Software incorrectly
Q1669-05	VL042197.D	Propene	SAM	3/31/2025 11:26:03 AM	MMDadoda	4/3/2025 8:08:00 AM	Peak Integrated by Software incorrectly
Q1669-05	VL042197.D	Tetrachloroethene	SAM	3/31/2025	MMDadoda	4/3/2025	Peak Integrated

				11:26:03 AM		8:08:00 AM	d by Software incorrectly
Q1669-05	VL042197.D	Tetrahydrofuran	SAM	3/31/2025 11:26:03 AM	MMDadoda	4/3/2025 8:08:00 AM	Peak Integrated by Software incorrectly
Q1669-07	VL042198.D	2,2,4-Trimethylpentane	SAM	3/31/2025 11:25:25 AM	MMDadoda	4/3/2025 8:08:04 AM	Peak Integrated by Software incorrectly
Q1669-07	VL042198.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:25 AM	MMDadoda	4/3/2025 8:08:04 AM	Peak Integrated by Software incorrectly
Q1669-07	VL042198.D	Cyclohexane	SAM	3/31/2025 11:25:25 AM	MMDadoda	4/3/2025 8:08:04 AM	Peak Integrated by Software incorrectly
Q1669-07	VL042198.D	Heptane	SAM	3/31/2025 11:25:25 AM	MMDadoda	4/3/2025 8:08:04 AM	Peak Integrated by Software incorrectly
Q1669-07	VL042198.D	n-propylbenzene	SAM	3/31/2025 11:25:25 AM	MMDadoda	4/3/2025 8:08:04 AM	Peak Integrated by Software incorrectly
Q1669-07	VL042198.D	Trichloroethene	SAM	3/31/2025 11:25:25 AM	MMDadoda	4/3/2025 8:08:04 AM	Peak Integrated by Software incorrectly
Q1669-08	VL042199.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:20 AM	MMDadoda	4/3/2025 8:08:09 AM	Peak Integrated by Software incorrectly
Q1669-08	VL042199.D	Chlorobenzene	SAM	3/31/2025 11:25:20 AM	MMDadoda	4/3/2025 8:08:09 AM	Peak Integrated by Software

							incorrectly
Q1669-08	VL042199.D	Chlorodifluoromethane	SAM	3/31/2025 11:25:20 AM	MMDadoda	4/3/2025 8:08:09 AM	Peak Integrated by Software incorrectly
Q1669-08	VL042199.D	Heptane	SAM	3/31/2025 11:25:20 AM	MMDadoda	4/3/2025 8:08:09 AM	Peak Integrated by Software incorrectly
Q1669-08	VL042199.D	m/p-Xylene	SAM	3/31/2025 11:25:20 AM	MMDadoda	4/3/2025 8:08:09 AM	Peak Integrated by Software incorrectly
Q1669-08	VL042199.D	Propene	SAM	3/31/2025 11:25:20 AM	MMDadoda	4/3/2025 8:08:09 AM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	vl033125	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042201.D	1,1,2-Trichloroethane	SAM	4/1/2025 7:30:55 AM	MMDadoda	4/1/2025 1:19:08 PM	Peak Integrated by Software incorrectly
VSTDCCC010	VL042201.D	1,4-Dioxane	SAM	4/1/2025 7:30:55 AM	MMDadoda	4/1/2025 1:19:08 PM	Peak Integrated by Software incorrectly
VSTDCCC010	VL042201.D	m/p-Xylene	SAM	4/1/2025 7:30:55 AM	MMDadoda	4/1/2025 1:19:08 PM	Peak Integrated by Software incorrectly
VL0331ABS01	VL042203.D	m/p-Xylene	SAM	4/1/2025	MMDadoda	4/1/2025 1:19:10 PM	Peak Integrate

				7:31:07 AM			d by Software incorrectl y
Q1669-06	VL042204.D	4-Methyl-2-Pentanone	SAM	4/1/2025 7:47:12 AM	MMDadoda	4/1/2025 1:19:11 PM	Peak Integrated by Software incorrectl y
Q1669-06	VL042204.D	Trichloroethene	SAM	4/1/2025 7:47:12 AM	MMDadoda	4/1/2025 1:19:11 PM	Peak Integrated by Software incorrectl y
Q1669-06DL	VL042205.D	4-Methyl-2-Pentanone	SAM	4/1/2025 7:47:17 AM	MMDadoda	4/1/2025 1:19:13 PM	Peak Integrated by Software incorrectl y
Q1669-06DL	VL042205.D	Heptane	SAM	4/1/2025 7:47:17 AM	MMDadoda	4/1/2025 1:19:13 PM	Peak Integrated by Software incorrectl y
Q1669-06DL	VL042205.D	Tetrahydrofuran	SAM	4/1/2025 7:47:17 AM	MMDadoda	4/1/2025 1:19:13 PM	Peak Integrated by Software incorrectl y
Q1669-06DUP	VL042206.D	4-Methyl-2-Pentanone	SAM	4/1/2025 7:31:12 AM	MMDadoda	4/1/2025 1:19:14 PM	Peak Integrated by Software incorrectl y
Q1669-06DUP	VL042206.D	Naphthalene,2-methyl-	SAM	4/1/2025 7:31:12 AM	MMDadoda	4/1/2025 1:19:14 PM	Peak Integrated by Software incorrectl y
Q1669-06DUP	VL042206.D	Tetrachloroethene	SAM	4/1/2025 7:31:12 AM	MMDadoda	4/1/2025 1:19:14 PM	Peak Integrated by Software incorrectl y



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1669

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 04/07/2025

LAB CHRONICLE

OrderID:	Q1669	OrderDate:	3/27/2025 2:02:00 PM
Client:	Woodard & Curran	Project:	US EPA Riverside Industrial Park Superfund Site
Contact:	Bryan Maurer	Location:	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1669-01	IA-B9-3-3262025	Air			03/27/25			03/27/25
			TO-15	TO-15			03/27/25	
Q1669-01DL	IA-B9-3-3262025DL	Air			03/27/25			03/27/25
			TO-15	TO-15			03/28/25	
Q1669-02	IA-B9-2-3262025	Air			03/27/25			03/27/25
			TO-15	TO-15			03/27/25	
Q1669-03	IA-B9-1-3262025	Air			03/27/25			03/27/25
			TO-15	TO-15			03/27/25	
Q1669-04	AA-2-3252025	Air			03/27/25			03/27/25
			TO-15	TO-15			03/27/25	
Q1669-05	SSSG-B16-3-3262025	Air			03/26/25			03/27/25
			TO-15	TO-15			03/28/25	
Q1669-06	SSSG-DUP-1-3262025	Air			03/26/25			03/27/25
			TO-15	TO-15			03/31/25	
Q1669-06DL	SSSG-DUP-1-3262025 DL	Air			03/26/25			03/27/25
			TO-15	TO-15			03/31/25	
Q1669-07	SSSG-B16-1-3262025	Air			03/26/25			03/27/25
			TO-15	TO-15			03/28/25	
Q1669-07DL	SSSG-B16-1-3262025 DL	Air			03/26/25			03/27/25
			TO-15	TO-15			03/27/25	
Q1669-08	SSSG-B16-2-3262025	Air			03/26/25			03/27/25
			TO-15	TO-15			03/28/25	

LAB CHRONICLE

Q1669-09	AA-3-3252025	Air	TO-15	TO-15	03/26/25	03/27/25	03/27/25
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Hit Summary Sheet

SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	IA-B9-3-3262025							
Q1669-01	IA-B9-3-3262025	Air	Dichlorodifluoromethane	1.98	J	1.04	2.47	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Chloromethane	0.76	J	0.21	1.03	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Trichlorofluoromethane	1.24	J	0.90	2.81	ug/m3
Q1669-01	IA-B9-3-3262025	Air	tert-Butyl alcohol	1.52		0.58	1.52	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Heptane	1.56	J	0.45	2.05	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Acetone	82.4	E	0.57	1.19	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Methylene Chloride	1.25	J	0.66	1.74	ug/m3
Q1669-01	IA-B9-3-3262025	Air	2-Butanone	2.68		0.35	1.47	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Carbon Tetrachloride	0.38		0.060	0.19	ug/m3
Q1669-01	IA-B9-3-3262025	Air	2,2,4-Trimethylpentane	1.26	J	0.47	2.34	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Benzene	2.04		0.29	1.60	ug/m3
Q1669-01	IA-B9-3-3262025	Air	4-Methyl-2-Pentanone	1.48	J	0.37	2.05	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Toluene	8.67		0.41	1.88	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Ethyl Benzene	1.35	J	0.52	2.17	ug/m3
Q1669-01	IA-B9-3-3262025	Air	m/p-Xylene	4.78		0.91	4.34	ug/m3
Q1669-01	IA-B9-3-3262025	Air	o-Xylene	2.22		0.52	2.17	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Styrene	0.51	J	0.47	2.13	ug/m3
Q1669-01	IA-B9-3-3262025	Air	1,2,4-Trimethylbenzene	2.51		0.39	2.46	ug/m3
Q1669-01	IA-B9-3-3262025	Air	Hexane	6.70		0.39	1.76	ug/m3
Total Voc :				125				
Q1669-01	IA-B9-3-3262025	Air	unknown1.774	* 1.40	J	0	0	ppbv
Q1669-01	IA-B9-3-3262025	Air	Pentane, 3-methyl-	* 1.60	J	0	0	ppbv
Q1669-01	IA-B9-3-3262025	Air	Pentane, 2-methyl-	* 2.50	J	0	0	ppbv
Q1669-01	IA-B9-3-3262025	Air	Pentane	* 1.80	J	0	0	ppbv
Q1669-01	IA-B9-3-3262025	Air	1-Propene, 2-methyl-	* 3.30	J	0	0	ppbv
Q1669-01	IA-B9-3-3262025	Air	Chlorodifluoromethane	* 0.27	J	0.090	0.50	ppbv
Q1669-01	IA-B9-3-3262025	Air	Propene	* 0.79	J	0.15	0.50	ppbv
Q1669-01	IA-B9-3-3262025	Air	n-propylbenzene	* 0.10	J	0.080	0.50	ppbv
Total Tics :				11.8				
Total Concentration:				137				
Client ID:	IA-B9-3-3262025DL							
Q1669-01DL	IA-B9-3-3262025DL	Air	Acetone	88.1	D	2.85	5.94	ug/m3
Q1669-01DL	IA-B9-3-3262025DL	Air	Methylene Chloride	3.82	JD	3.30	8.69	ug/m3
Q1669-01DL	IA-B9-3-3262025DL	Air	2-Butanone	2.80	JD	1.77	7.37	ug/m3
Q1669-01DL	IA-B9-3-3262025DL	Air	Benzene	1.82	JD	1.41	7.99	ug/m3
Q1669-01DL	IA-B9-3-3262025DL	Air	Toluene	7.91	JD	2.07	9.42	ug/m3

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1669-01DL	IA-B9-3-3262025	Air	Hexane	5.64	JD	1.94	8.81	ug/m3
			Total Voc :			110		
			Total Concentration:			110		
Client ID:	IA-B9-2-3262025							
Q1669-02	IA-B9-2-3262025	Air	Dichlorodifluoromethane	2.03	J	1.04	2.47	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Chloromethane	0.45	J	0.21	1.03	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Trichlorofluoromethane	1.12	J	0.90	2.81	ug/m3
Q1669-02	IA-B9-2-3262025	Air	tert-Butyl alcohol	1.15	J	0.58	1.52	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Heptane	2.01	J	0.45	2.05	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Acetone	5.70		0.57	1.19	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Methylene Chloride	1.22	J	0.66	1.74	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Cyclohexane	0.76	J	0.76	1.72	ug/m3
Q1669-02	IA-B9-2-3262025	Air	2-Butanone	1.24	J	0.35	1.47	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Carbon Tetrachloride	0.44		0.060	0.19	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Chloroform	0.59	J	0.39	2.44	ug/m3
Q1669-02	IA-B9-2-3262025	Air	2,2,4-Trimethylpentane	1.73	J	0.47	2.34	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Benzene	2.14		0.29	1.60	ug/m3
Q1669-02	IA-B9-2-3262025	Air	4-Methyl-2-Pentanone	1.76	J	0.37	2.05	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Toluene	8.67		0.41	1.88	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Ethyl Benzene	1.69	J	0.52	2.17	ug/m3
Q1669-02	IA-B9-2-3262025	Air	m/p-Xylene	6.08		0.91	4.34	ug/m3
Q1669-02	IA-B9-2-3262025	Air	o-Xylene	2.82		0.52	2.17	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Styrene	0.55	J	0.47	2.13	ug/m3
Q1669-02	IA-B9-2-3262025	Air	1,3,5-Trimethylbenzene	0.88	J	0.54	2.46	ug/m3
Q1669-02	IA-B9-2-3262025	Air	1,2,4-Trimethylbenzene	2.65		0.39	2.46	ug/m3
Q1669-02	IA-B9-2-3262025	Air	4-Ethyltoluene	0.98	J	0.59	2.46	ug/m3
Q1669-02	IA-B9-2-3262025	Air	Hexane	8.11		0.39	1.76	ug/m3
			Total Voc :			54.8		
Q1669-02	IA-B9-2-3262025	Air	Pentane, 3-methyl-	* 1.60	J	0	0	ppbv
Q1669-02	IA-B9-2-3262025	Air	Cyclopentane, methyl-	* 1.00	J	0	0	ppbv
Q1669-02	IA-B9-2-3262025	Air	Butane	* 1.10	J	0	0	ppbv
Q1669-02	IA-B9-2-3262025	Air	Pentane, 2-methyl-	* 3.10	J	0	0	ppbv
Q1669-02	IA-B9-2-3262025	Air	Pentane	* 1.70	J	0	0	ppbv
Q1669-02	IA-B9-2-3262025	Air	Chlorodifluoromethane	* 0.24	J	0.090	0.50	ppbv
Q1669-02	IA-B9-2-3262025	Air	Propene	* 1.60	J	0.15	0.50	ppbv
			Total Tics :			10.3		
			Total Concentration:			65.1		

Hit Summary Sheet

SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: IA-B9-1-3262025								
Q1669-03	IA-B9-1-3262025	Air	Dichlorodifluoromethane	1.88	J	1.04	2.47	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Chloromethane	0.52	J	0.21	1.03	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Trichlorofluoromethane	1.18	J	0.90	2.81	ug/m3
Q1669-03	IA-B9-1-3262025	Air	tert-Butyl alcohol	1.27	J	0.58	1.52	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Heptane	2.09		0.45	2.05	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Acetone	7.60		0.57	1.19	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Methylene Chloride	2.81		0.66	1.74	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Cyclohexane	0.96	J	0.76	1.72	ug/m3
Q1669-03	IA-B9-1-3262025	Air	2-Butanone	1.59		0.35	1.47	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Carbon Tetrachloride	0.44		0.060	0.19	ug/m3
Q1669-03	IA-B9-1-3262025	Air	2,2,4-Trimethylpentane	1.45	J	0.47	2.34	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Benzene	2.40		0.29	1.60	ug/m3
Q1669-03	IA-B9-1-3262025	Air	4-Methyl-2-Pentanone	3.52		0.37	2.05	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Toluene	9.80		0.41	1.88	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Ethyl Benzene	1.65	J	0.52	2.17	ug/m3
Q1669-03	IA-B9-1-3262025	Air	m/p-Xylene	6.08		0.91	4.34	ug/m3
Q1669-03	IA-B9-1-3262025	Air	o-Xylene	2.48		0.52	2.17	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Styrene	10.6		0.47	2.13	ug/m3
Q1669-03	IA-B9-1-3262025	Air	1,3,5-Trimethylbenzene	0.69	J	0.54	2.46	ug/m3
Q1669-03	IA-B9-1-3262025	Air	1,2,4-Trimethylbenzene	2.06	J	0.39	2.46	ug/m3
Q1669-03	IA-B9-1-3262025	Air	4-Ethyltoluene	0.64	J	0.59	2.46	ug/m3
Q1669-03	IA-B9-1-3262025	Air	Hexane	7.75		0.39	1.76	ug/m3
Total Voc :				69.5				
Q1669-03	IA-B9-1-3262025	Air	Pentane, 3-methyl-	* 1.80	J	0	0	ppbv
Q1669-03	IA-B9-1-3262025	Air	Cyclopentane, methyl-	* 1.40	J	0	0	ppbv
Q1669-03	IA-B9-1-3262025	Air	Butane	* 1.10	J	0	0	ppbv
Q1669-03	IA-B9-1-3262025	Air	Pentane, 2-methyl-	* 3.10	J	0	0	ppbv
Q1669-03	IA-B9-1-3262025	Air	Pentane	* 2.20	J	0	0	ppbv
Q1669-03	IA-B9-1-3262025	Air	Chlorodifluoromethane	* 0.35	J	0.090	0.50	ppbv
Q1669-03	IA-B9-1-3262025	Air	Propene	* 0.62	J	0.15	0.50	ppbv
Q1669-03	IA-B9-1-3262025	Air	n-propylbenzene	* 0.11	J	0.080	0.50	ppbv
Total Tics :				10.7				
Total Concentration:				80.2				
Client ID: AA-2-3252025								
Q1669-04	AA-2-3252025	Air	Dichlorodifluoromethane	1.98	J	1.04	2.47	ug/m3
Q1669-04	AA-2-3252025	Air	Chloromethane	0.97	J	0.21	1.03	ug/m3

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration		C	MDL	RDL	Units
Q1669-04	AA-2-3252025	Air	Trichlorofluoromethane	1.24		J	0.90	2.81	ug/m3
Q1669-04	AA-2-3252025	Air	Acetone	7.60			0.57	1.19	ug/m3
Q1669-04	AA-2-3252025	Air	Methylene Chloride	2.71			0.66	1.74	ug/m3
Q1669-04	AA-2-3252025	Air	2-Butanone	0.71		J	0.35	1.47	ug/m3
Q1669-04	AA-2-3252025	Air	Carbon Tetrachloride	0.44			0.060	0.19	ug/m3
Q1669-04	AA-2-3252025	Air	Benzene	0.99		J	0.29	1.60	ug/m3
Q1669-04	AA-2-3252025	Air	Toluene	1.17		J	0.41	1.88	ug/m3
Q1669-04	AA-2-3252025	Air	Hexane	5.99			0.39	1.76	ug/m3
Total Voc :				23.8					
Q1669-04	AA-2-3252025	Air	Pentane, 2-methyl-	* 1.20		J	0	0	ppbv
Q1669-04	AA-2-3252025	Air	Chlorodifluoromethane	* 0.26		J	0.090	0.50	ppbv
Q1669-04	AA-2-3252025	Air	Propene	* 0.42		J	0.15	0.50	ppbv
Total Tics :				1.88					
Total Concentration:				25.7					
Client ID:	SSSG-B16-3-3262025								
Q1669-05	SSSG-B16-3-32620	Air	Dichlorodifluoromethane	2.13		J	1.04	2.47	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Chloromethane	0.74		J	0.21	1.03	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Tetrahydrofuran	1.21		J	0.38	1.47	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Trichlorofluoromethane	1.29		J	0.90	2.81	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Heptane	1.64		J	0.45	2.05	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Acetone	14.7			0.57	1.19	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Methylene Chloride	2.57			0.66	1.74	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Cyclohexane	1.38		J	0.76	1.72	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	2-Butanone	8.55			0.35	1.47	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Carbon Tetrachloride	0.44			0.060	0.19	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Chloroform	2.93			0.39	2.44	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	2,2,4-Trimethylpentane	1.82		J	0.47	2.34	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Benzene	1.76			0.29	1.60	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Toluene	7.91			0.41	1.88	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Tetrachloroethene	0.27			0.14	0.20	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Ethyl Benzene	1.17		J	0.52	2.17	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	m/p-Xylene	4.34			0.91	4.34	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	o-Xylene	1.56		J	0.52	2.17	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Styrene	1.53		J	0.47	2.13	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	1,2,4-Trimethylbenzene	1.28		J	0.39	2.46	ug/m3
Q1669-05	SSSG-B16-3-32620	Air	Hexane	6.70			0.39	1.76	ug/m3
Total Voc :				66.0					

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1669-05	SSSG-B16-3-32620	Air	unknown2.441	* 1.20	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Pentane, 3-methyl-	* 2.00	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Cyclopentane, methyl-	* 1.60	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Butane	* 14.6	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Pentane, 2-methyl-	* 3.90	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Pentane	* 5.70	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Decane	* 1.10	J	0	0	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Chlorodifluoromethane	* 0.28	J	0.090	0.50	ppbv
Q1669-05	SSSG-B16-3-32620	Air	Propene	* 0.63	J	0.15	0.50	ppbv
Total Tics :				31.0				
Total Concentration:				97.0				
Client ID:	SSSG-DUP-1-3262025							
Q1669-06	SSSG-DUP-1-32620	Air	Dichlorodifluoromethane	2.27	J	1.04	2.47	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Chloromethane	0.89	J	0.21	1.03	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Tetrahydrofuran	5.90		0.38	1.47	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Trichlorofluoromethane	1.12	J	0.90	2.81	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Heptane	6.56		0.45	2.05	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Acetone	57.0	E	0.57	1.19	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Methylene Chloride	1.77		0.66	1.74	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Cyclohexane	5.16		0.76	1.72	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	2-Butanone	18.3		0.35	1.47	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Carbon Tetrachloride	0.44		0.060	0.19	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	2,2,4-Trimethylpentane	10.7		0.47	2.34	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Benzene	17.9		0.29	1.60	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	4-Methyl-2-Pentanone	1.64	J	0.37	2.05	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Toluene	36.5		0.41	1.88	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Ethyl Benzene	5.65		0.52	2.17	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	m/p-Xylene	22.1		0.91	4.34	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	o-Xylene	8.25		0.52	2.17	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Styrene	5.96		0.47	2.13	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	1,3,5-Trimethylbenzene	2.11	J	0.54	2.46	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	1,2,4-Trimethylbenzene	6.88		0.39	2.46	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Naphthalene	2.25		0.42	0.52	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	4-Ethyltoluene	2.16	J	0.59	2.46	ug/m3
Q1669-06	SSSG-DUP-1-32620	Air	Hexane	15.5		0.39	1.76	ug/m3
Total Voc :				237				
Q1669-06	SSSG-DUP-1-32620	Air	Butane, 2,3-dimethyl-	* 3.30	J	0	0	ppbv

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1669-06	SSSG-DUP-1-3262	Air	Pentane, 3-methyl-	* 4.90	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Cyclopentane, methyl-	* 4.30	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Butane	* 8.30	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Pentane, 2-methyl-	* 8.90	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Cyclohexane, methyl-	* 2.50	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Cyclohexanone	* 2.20	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Pentane	* 8.80	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	1-Propene, 2-methyl-	* 6.80	J	0	0	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Chlorodifluoromethane	* 0.31	J	0.090	0.50	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	Propene	* 17.2	J	0.15	0.50	ppbv
Q1669-06	SSSG-DUP-1-3262	Air	n-propylbenzene	* 0.23	J	0.080	0.50	ppbv
Total Tics :				67.7				
Total Concentration:				305				
Client ID:	SSSG-DUP-1-3262025DL							
Q1669-06DL	SSSG-DUP-1-3262	Air	Chloromethane	1.12	JD	0.81	4.13	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Tetrahydrofuran	6.19	D	1.53	5.90	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Heptane	6.97	JD	1.80	8.20	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Acetone	53.9	D	2.28	4.75	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Cyclohexane	5.16	JD	3.03	6.88	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	2-Butanone	18.9	D	1.42	5.90	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	2,2,4-Trimethylpentane	10.3	D	1.87	9.34	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Benzene	18.2	D	1.12	6.39	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Toluene	35.8	D	1.66	7.54	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Ethyl Benzene	5.65	JD	2.08	8.69	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	m/p-Xylene	20.9	D	3.65	17.4	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	o-Xylene	7.38	JD	2.08	8.69	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Styrene	5.11	JD	1.87	8.52	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	1,2,4-Trimethylbenzene	5.41	JD	1.52	9.83	ug/m3
Q1669-06DL	SSSG-DUP-1-3262	Air	Hexane	15.5	D	1.55	7.05	ug/m3
Total Voc :				216				
Total Concentration:				216				
Client ID:	SSSG-B16-1-3262025							
Q1669-07	SSSG-B16-1-32620	Air	Dichlorodifluoromethane	2.57		1.04	2.47	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Chloromethane	0.29	J	0.21	1.03	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Tetrahydrofuran	1.39	J	0.38	1.47	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Trichlorofluoromethane	1.12	J	0.90	2.81	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	tert-Butyl alcohol	1.91		0.58	1.52	ug/m3

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1669-07	SSSG-B16-1-32620	Air	Heptane	1.31	J	0.45	2.05	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Acetone	84.1	E	0.57	1.19	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Methylene Chloride	5.21		0.66	1.74	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	2-Butanone	6.78		0.35	1.47	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Carbon Tetrachloride	0.25		0.060	0.19	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Chloroform	0.54	J	0.39	2.44	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	1,1,1-Trichloroethane	0.27		0.050	0.16	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	2,2,4-Trimethylpentane	1.12	J	0.47	2.34	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Benzene	1.44	J	0.29	1.60	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Trichloroethene	0.43		0.11	0.16	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	4-Methyl-2-Pentanone	6.56		0.37	2.05	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Toluene	23.0		0.41	1.88	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Tetrachloroethene	1.02		0.14	0.20	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Ethyl Benzene	2.35		0.52	2.17	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	m/p-Xylene	8.69		0.91	4.34	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	o-Xylene	3.74		0.52	2.17	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Styrene	3.32		0.47	2.13	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	1,3,5-Trimethylbenzene	0.98	J	0.54	2.46	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	1,2,4-Trimethylbenzene	2.41	J	0.39	2.46	ug/m3
Q1669-07	SSSG-B16-1-32620	Air	Hexane	3.88		0.39	1.76	ug/m3
Total Voc :				165				
Q1669-07	SSSG-B16-1-32620	Air	Butane	* 1.20	J	0	0	ppbv
Q1669-07	SSSG-B16-1-32620	Air	Pentane, 2-methyl-	* 1.30	J	0	0	ppbv
Q1669-07	SSSG-B16-1-32620	Air	Pentane	* 1.00	J	0	0	ppbv
Q1669-07	SSSG-B16-1-32620	Air	1-Propene, 2-methyl-	* 2.30	J	0	0	ppbv
Q1669-07	SSSG-B16-1-32620	Air	Propene	* 0.88	J	0.15	0.50	ppbv
Q1669-07	SSSG-B16-1-32620	Air	n-propylbenzene	* 0.15	J	0.080	0.50	ppbv
Total Tics :				6.83				
Total Concentration:				171				
Client ID:	SSSG-B16-1-3262025DL							
Q1669-07DL	SSSG-B16-1-32620	Air	Acetone	91.0	D	5.70	11.9	ug/m3
Q1669-07DL	SSSG-B16-1-32620	Air	Methylene Chloride	8.34	JD	6.60	17.4	ug/m3
Q1669-07DL	SSSG-B16-1-32620	Air	2-Butanone	7.08	JD	3.54	14.8	ug/m3
Q1669-07DL	SSSG-B16-1-32620	Air	4-Methyl-2-Pentanone	6.97	JD	3.81	20.5	ug/m3
Q1669-07DL	SSSG-B16-1-32620	Air	Toluene	21.5	D	4.15	18.8	ug/m3
Total Voc :				135				
Total Concentration:				135				

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SSSG-B16-2-3262025							
Q1669-08	SSSG-B16-2-32620	Air	Dichlorodifluoromethane	2.08	J	1.04	2.47	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Trichlorofluoromethane	1.01	J	0.90	2.81	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Heptane	0.57	J	0.45	2.05	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Acetone	25.6		0.57	1.19	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Methylene Chloride	2.29		0.66	1.74	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	2-Butanone	1.86		0.35	1.47	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Carbon Tetrachloride	0.25		0.060	0.19	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Chloroform	6.35		0.39	2.44	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Benzene	0.77	J	0.29	1.60	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	4-Methyl-2-Pentanone	13.9		0.37	2.05	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Toluene	10.9		0.41	1.88	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Tetrachloroethene	1.29		0.14	0.20	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Chlorobenzene	0.46	J	0.37	2.30	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Ethyl Benzene	1.09	J	0.52	2.17	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	m/p-Xylene	5.21		0.91	4.34	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	o-Xylene	1.95	J	0.52	2.17	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Styrene	1.58	J	0.47	2.13	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	1,3,5-Trimethylbenzene	0.69	J	0.54	2.46	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	1,2,4-Trimethylbenzene	1.57	J	0.39	2.46	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	4-Ethyltoluene	0.64	J	0.59	2.46	ug/m3
Q1669-08	SSSG-B16-2-32620	Air	Hexane	1.97		0.39	1.76	ug/m3
Total Voc :				82.1				
Q1669-08	SSSG-B16-2-32620	Air	unknown1.557	* 1.30	J	0	0	ppbv
Q1669-08	SSSG-B16-2-32620	Air	2-Hexanol	* 5.20	J	0	0	ppbv
Q1669-08	SSSG-B16-2-32620	Air	Undecane	* 1.30	J	0	0	ppbv
Q1669-08	SSSG-B16-2-32620	Air	1-Iodo-2-methylnonane	* 1.20	J	0	0	ppbv
Q1669-08	SSSG-B16-2-32620	Air	Chlorodifluoromethane	* 0.21	J	0.090	0.50	ppbv
Q1669-08	SSSG-B16-2-32620	Air	Propene	* 0.16	J	0.15	0.50	ppbv
Total Tics :				9.37				
Total Concentration:				91.5				
Client ID:	AA-3-3252025							
Q1669-09	AA-3-3252025	Air	Dichlorodifluoromethane	2.23	J	1.04	2.47	ug/m3
Q1669-09	AA-3-3252025	Air	Chloromethane	0.91	J	0.21	1.03	ug/m3
Q1669-09	AA-3-3252025	Air	Trichlorofluoromethane	1.24	J	0.90	2.81	ug/m3
Q1669-09	AA-3-3252025	Air	Acetone	5.94		0.57	1.19	ug/m3
Q1669-09	AA-3-3252025	Air	Methylene Chloride	24.3		0.66	1.74	ug/m3

Hit Summary Sheet SW-846

SDG No.: Q1669

Client: Woodard & Curran

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1669-09	AA-3-3252025	Air	2-Butanone	0.53	J	0.35	1.47	ug/m3
Q1669-09	AA-3-3252025	Air	Carbon Tetrachloride	0.44		0.060	0.19	ug/m3
Q1669-09	AA-3-3252025	Air	Benzene	0.42	J	0.29	1.60	ug/m3
Q1669-09	AA-3-3252025	Air	Toluene	1.28	J	0.41	1.88	ug/m3
Q1669-09	AA-3-3252025	Air	1,2,4-Trimethylbenzene	1.43	J	0.39	2.46	ug/m3
Q1669-09	AA-3-3252025	Air	Hexane	15.9		0.39	1.76	ug/m3
Total Voc :				54.6				
Q1669-09	AA-3-3252025	Air	Pentane, 3-methyl-	* 1.20	J	0	0	ppbv
Q1669-09	AA-3-3252025	Air	Cyclopentane, methyl-	* 1.40	J	0	0	ppbv
Q1669-09	AA-3-3252025	Air	Chlorodifluoromethane	* 0.43	J	0.090	0.50	ppbv
Q1669-09	AA-3-3252025	Air	Propene	* 0.29	J	0.15	0.50	ppbv
Total Tics :				3.32				
Total Concentration:				57.9				

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-3-3262025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-01

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.4	J	1.98		
Chloromethane	74-87-3	50.49	0.37	J	0.76		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.13	U	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.22	J	1.24		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.5		1.52		
Heptane	142-82-5	100.2	0.38	J	1.56		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	34.7	E	82.4		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.36	J	1.25		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	0.91		2.68		
Carbon Tetrachloride	56-23-5	153.8	0.06		0.38		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.08	U	0.39		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.27	J	1.26		
Benzene	71-43-2	78.11	0.64		2.04		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.36	J	1.48		
Toluene	108-88-3	92.14	2.3		8.67		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-3-3262025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-01

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.31	J	1.35		
m/p-Xylene	179601-23-1	106.2	1.1		4.78		
o-Xylene	95-47-6	106.2	0.51		2.22		
Styrene	100-42-5	104.1	0.12	J	0.51		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.11	U	0.54		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.51		2.51		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.12	U	0.59		
Hexane	110-54-3	86.17	1.9		6.7		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-3-3262025DL

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-01DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	1.1	UD	5.44		
Chloromethane	74-87-3	50.49	0.49	UD	1.01		
Vinyl Chloride	75-01-4	62.5	0.07	UD	0.18		
Bromomethane	74-83-9	94.94	0.7	UD	2.72		
Chloroethane	75-00-3	64.52	0.85	UD	2.24		
Tetrahydrofuran	109-99-9	72.11	0.65	UD	1.92		
Trichlorofluoromethane	75-69-4	137.4	0.8	UD	4.5		
Dichlorotetrafluoroethane	76-14-2	170.9	0.44	UD	3.08		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.8	UD	6.13		
tert-Butyl alcohol	75-65-0	74.12	0.95	UD	2.88		
Heptane	142-82-5	100.2	0.55	UD	2.25		
1,1-Dichloroethene	75-35-4	96.94	0.7	UD	2.78		
Acetone	67-64-1	58.08	37.1	D	88.1		
Carbon Disulfide	75-15-0	76.14	0.8	UD	2.49		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.6	UD	2.16		
Methylene Chloride	75-09-2	84.94	1.1	JD	3.82		
trans-1,2-Dichloroethene	156-60-5	96.94	0.95	UD	3.77		
1,1-Dichloroethane	75-34-3	98.96	0.65	UD	2.63		
Cyclohexane	110-82-7	84.16	1.1	UD	3.79		
2-Butanone	78-93-3	72.11	0.95	JD	2.8		
Carbon Tetrachloride	56-23-5	153.8	0.06	UD	0.38		
cis-1,2-Dichloroethene	156-59-2	96.94	0.45	UD	1.78		
Chloroform	67-66-3	119.4	0.42	UD	2.05		
1,1,1-Trichloroethane	71-55-6	133.4	0.05	UD	0.27		
2,2,4-Trimethylpentane	540-84-1	114.2	0.5	UD	2.34		
Benzene	71-43-2	78.11	0.57	JD	1.82		
1,2-Dichloroethane	107-06-2	98.96	0.46	UD	1.86		
Trichloroethene	79-01-6	131.4	0.09	UD	0.48		
1,2-Dichloropropane	78-87-5	113	0.55	UD	2.54		
Bromodichloromethane	75-27-4	163.8	0.39	UD	2.61		
4-Methyl-2-Pentanone	108-10-1	100.2	0.47	UD	1.93		
Toluene	108-88-3	92.14	2.1	JD	7.91		
t-1,3-Dichloropropene	10061-02-6	111	0.3	UD	1.36		
cis-1,3-Dichloropropene	10061-01-5	111	0.32	UD	1.45		
1,1,2-Trichloroethane	79-00-5	133.4	0.36	UD	1.96		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-3-3262025DL

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-01DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.33	UD	2.81		
1,2-Dibromoethane	106-93-4	187.9	0.36	UD	2.77		
Tetrachloroethene	127-18-4	165.8	0.08	UD	0.54		
Chlorobenzene	108-90-7	112.6	0.38	UD	1.75		
Ethyl Benzene	100-41-4	106.2	0.6	UD	2.61		
m/p-Xylene	179601-23-1	106.2	1.1	UD	4.78		
o-Xylene	95-47-6	106.2	0.6	UD	2.61		
Styrene	100-42-5	104.1	0.55	UD	2.34		
Bromoform	75-25-2	252.8	0.28	UD	2.9		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.06	UD	0.41		
2-Chlorotoluene	95-49-8	126.6	0.55	UD	2.85		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.55	UD	2.7		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.39	UD	1.92		
1,3-Dichlorobenzene	541-73-1	147	0.4	UD	2.4		
1,4-Dichlorobenzene	106-46-7	147	0.27	UD	1.62		
1,2-Dichlorobenzene	95-50-1	147	0.38	UD	2.28		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.43	UD	3.19		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.43	UD	4.59		
Naphthalene	91-20-3	128.17	0.38	UD	1.99		
1,3-Butadiene	106-99-0	54.09	0.65	UD	1.44		
4-Ethyltoluene	622-96-8	120.2	0.6	UD	2.95		
Hexane	110-54-3	86.17	1.6	JD	5.64		
Allyl Chloride	107-05-1	76.53	0.75	UD	2.35		
1,4-Dioxane	123-91-1	88.12	1.1	UD	3.96		
Methyl Methacrylate	80-62-6	100.117	0.43	UD	1.76		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-2-3262025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-02

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.41	J	2.03		
Chloromethane	74-87-3	50.49	0.22	J	0.45		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.13	U	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.2	J	1.12		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.38	J	1.15		
Heptane	142-82-5	100.2	0.49	J	2.01		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	2.4		5.7		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.35	J	1.22		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	J	0.76		
2-Butanone	78-93-3	72.11	0.42	J	1.24		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.12	J	0.59		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.37	J	1.73		
Benzene	71-43-2	78.11	0.67		2.14		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.43	J	1.76		
Toluene	108-88-3	92.14	2.3		8.67		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-2-3262025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-02

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.39	J	1.69		
m/p-Xylene	179601-23-1	106.2	1.4		6.08		
o-Xylene	95-47-6	106.2	0.65		2.82		
Styrene	100-42-5	104.1	0.13	J	0.55		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.18	J	0.88		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.54		2.65		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.2	J	0.98		
Hexane	110-54-3	86.17	2.3		8.11		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-1-3262025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-03

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.38	J	1.88		
Chloromethane	74-87-3	50.49	0.25	J	0.52		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.13	U	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.21	J	1.18		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.42	J	1.27		
Heptane	142-82-5	100.2	0.51		2.09		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	3.2		7.6		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.81		2.81		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.28	J	0.96		
2-Butanone	78-93-3	72.11	0.54		1.59		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.08	U	0.39		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.31	J	1.45		
Benzene	71-43-2	78.11	0.75		2.4		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.86		3.52		
Toluene	108-88-3	92.14	2.6		9.8		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : IA-B9-1-3262025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-03

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.38	J	1.65		
m/p-Xylene	179601-23-1	106.2	1.4		6.08		
o-Xylene	95-47-6	106.2	0.57		2.48		
Styrene	100-42-5	104.1	2.5		10.6		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.14	J	0.69		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.42	J	2.06		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.13	J	0.64		
Hexane	110-54-3	86.17	2.2		7.75		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : AA-2-3252025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-04

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.4	J	1.98		
Chloromethane	74-87-3	50.49	0.47	J	0.97		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.13	U	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.22	J	1.24		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.19	U	0.58		
Heptane	142-82-5	100.2	0.11	U	0.45		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	3.2		7.6		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.78		2.71		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	0.24	J	0.71		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.08	U	0.39		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.1	U	0.47		
Benzene	71-43-2	78.11	0.31	J	0.99		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.09	U	0.37		
Toluene	108-88-3	92.14	0.31	J	1.17		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/27/25

Field Id Number : AA-2-3252025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-04

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.12	U	0.52		
m/p-Xylene	179601-23-1	106.2	0.21	U	0.91		
o-Xylene	95-47-6	106.2	0.12	U	0.52		
Styrene	100-42-5	104.1	0.11	U	0.47		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.11	U	0.54		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.08	U	0.39		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.12	U	0.59		
Hexane	110-54-3	86.17	1.7		5.99		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-3-3262025

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-05

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.43	J	2.13		
Chloromethane	74-87-3	50.49	0.36	J	0.74		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.41	J	1.21		
Trichlorofluoromethane	75-69-4	137.4	0.23	J	1.29		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.19	U	0.58		
Heptane	142-82-5	100.2	0.4	J	1.64		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	6.2		14.7		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.74		2.57		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.4	J	1.38		
2-Butanone	78-93-3	72.11	2.9		8.55		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.6		2.93		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.39	J	1.82		
Benzene	71-43-2	78.11	0.55		1.76		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.09	U	0.37		
Toluene	108-88-3	92.14	2.1		7.91		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-3-3262025

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-05

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.04		0.27		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.27	J	1.17		
m/p-Xylene	179601-23-1	106.2	1		4.34		
o-Xylene	95-47-6	106.2	0.36	J	1.56		
Styrene	100-42-5	104.1	0.36	J	1.53		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.11	U	0.54		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.26	J	1.28		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.12	U	0.59		
Hexane	110-54-3	86.17	1.9		6.7		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-DUP-1-3262025

Analysis Date : 03/31/25

Laboratory Id Number : Q1669-06

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.46	J	2.27		
Chloromethane	74-87-3	50.49	0.43	J	0.89		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	2		5.9		
Trichlorofluoromethane	75-69-4	137.4	0.2	J	1.12		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.19	U	0.58		
Heptane	142-82-5	100.2	1.6		6.56		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	24	E	57.0		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.51		1.77		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	1.5		5.16		
2-Butanone	78-93-3	72.11	6.2		18.3		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.08	U	0.39		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	2.3		10.7		
Benzene	71-43-2	78.11	5.6		17.9		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.4	J	1.64		
Toluene	108-88-3	92.14	9.7		36.6		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-DUP-1-3262025

Analysis Date : 03/31/25

Laboratory Id Number : Q1669-06

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	1.3		5.65		
m/p-Xylene	179601-23-1	106.2	5.1		22.2		
o-Xylene	95-47-6	106.2	1.9		8.25		
Styrene	100-42-5	104.1	1.4		5.96		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.43	J	2.11		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.4		6.88		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
Naphthalene	91-20-3	128.17	0.43		2.25		
4-Ethyltoluene	622-96-8	120.2	0.44	J	2.16		
Hexane	110-54-3	86.17	4.4		15.5		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-DUP-1-3262025D

Analysis Date : 03/31/25

Laboratory Id Number : Q1669-06DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.84	UD	4.15		
Chloromethane	74-87-3	50.49	0.54	JD	1.12		
Vinyl Chloride	75-01-4	62.5	0.06	UD	0.15		
Bromomethane	74-83-9	94.94	0.56	UD	2.17		
Chloroethane	75-00-3	64.52	0.68	UD	1.79		
Tetrahydrofuran	109-99-9	72.11	2.1	D	6.19		
Trichlorofluoromethane	75-69-4	137.4	0.64	UD	3.6		
Dichlorotetrafluoroethane	76-14-2	170.9	0.35	UD	2.45		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.64	UD	4.91		
tert-Butyl alcohol	75-65-0	74.12	0.76	UD	2.3		
Heptane	142-82-5	100.2	1.7	JD	6.97		
1,1-Dichloroethene	75-35-4	96.94	0.56	UD	2.22		
Acetone	67-64-1	58.08	22.7	D	53.9		
Carbon Disulfide	75-15-0	76.14	0.64	UD	1.99		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.48	UD	1.73		
Methylene Chloride	75-09-2	84.94	0.76	UD	2.64		
trans-1,2-Dichloroethene	156-60-5	96.94	0.76	UD	3.01		
1,1-Dichloroethane	75-34-3	98.96	0.52	UD	2.1		
Cyclohexane	110-82-7	84.16	1.5	JD	5.16		
2-Butanone	78-93-3	72.11	6.4	D	18.9		
Carbon Tetrachloride	56-23-5	153.8	0.04	UD	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.36	UD	1.43		
Chloroform	67-66-3	119.4	0.33	UD	1.61		
1,1,1-Trichloroethane	71-55-6	133.4	0.04	UD	0.22		
2,2,4-Trimethylpentane	540-84-1	114.2	2.2	D	10.3		
Benzene	71-43-2	78.11	5.7	D	18.2		
1,2-Dichloroethane	107-06-2	98.96	0.36	UD	1.46		
Trichloroethene	79-01-6	131.4	0.07	UD	0.38		
1,2-Dichloropropane	78-87-5	113	0.44	UD	2.03		
Bromodichloromethane	75-27-4	163.8	0.31	UD	2.08		
4-Methyl-2-Pentanone	108-10-1	100.2	0.37	UD	1.52		
Toluene	108-88-3	92.14	9.5	D	35.8		
t-1,3-Dichloropropene	10061-02-6	111	0.24	UD	1.09		
cis-1,3-Dichloropropene	10061-01-5	111	0.26	UD	1.18		
1,1,2-Trichloroethane	79-00-5	133.4	0.28	UD	1.53		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-DUP-1-3262025D

Analysis Date : 03/31/25

Laboratory Id Number : Q1669-06DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.26	UD	2.22		
1,2-Dibromoethane	106-93-4	187.9	0.29	UD	2.23		
Tetrachloroethene	127-18-4	165.8	0.06	UD	0.41		
Chlorobenzene	108-90-7	112.6	0.3	UD	1.38		
Ethyl Benzene	100-41-4	106.2	1.3	JD	5.65		
m/p-Xylene	179601-23-1	106.2	4.8	D	20.8		
o-Xylene	95-47-6	106.2	1.7	JD	7.38		
Styrene	100-42-5	104.1	1.2	JD	5.11		
Bromoform	75-25-2	252.8	0.23	UD	2.38		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.04	UD	0.27		
2-Chlorotoluene	95-49-8	126.6	0.44	UD	2.28		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.44	UD	2.16		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.1	JD	5.41		
1,3-Dichlorobenzene	541-73-1	147	0.32	UD	1.92		
1,4-Dichlorobenzene	106-46-7	147	0.21	UD	1.26		
1,2-Dichlorobenzene	95-50-1	147	0.3	UD	1.8		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.34	UD	2.52		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.34	UD	3.63		
Naphthalene	91-20-3	128.17	0.3	UD	1.57		
1,3-Butadiene	106-99-0	54.09	0.52	UD	1.15		
4-Ethyltoluene	622-96-8	120.2	0.48	UD	2.36		
Hexane	110-54-3	86.17	4.4	D	15.5		
Allyl Chloride	107-05-1	76.53	0.6	UD	1.88		
1,4-Dioxane	123-91-1	88.12	0.84	UD	3.03		
Methyl Methacrylate	80-62-6	100.117	0.34	UD	1.39		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-1-3262025

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-07

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.52		2.57		
Chloromethane	74-87-3	50.49	0.14	J	0.29		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.47	J	1.39		
Trichlorofluoromethane	75-69-4	137.4	0.2	J	1.12		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.63		1.91		
Heptane	142-82-5	100.2	0.32	J	1.31		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	35.4	E	84.1		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	1.5		5.21		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	2.3		6.78		
Carbon Tetrachloride	56-23-5	153.8	0.04		0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.11	J	0.54		
1,1,1-Trichloroethane	71-55-6	133.4	0.05		0.27		
2,2,4-Trimethylpentane	540-84-1	114.2	0.24	J	1.12		
Benzene	71-43-2	78.11	0.45	J	1.44		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.08		0.43		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	1.6		6.56		
Toluene	108-88-3	92.14	6.1		23.0		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-1-3262025

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-07

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.15		1.02		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.54		2.35		
m/p-Xylene	179601-23-1	106.2	2		8.69		
o-Xylene	95-47-6	106.2	0.86		3.74		
Styrene	100-42-5	104.1	0.78		3.32		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.2	J	0.98		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.49	J	2.41		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.12	U	0.59		
Hexane	110-54-3	86.17	1.1		3.88		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-1-3262025DL

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-07DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	2.1	UD	10.4		
Chloromethane	74-87-3	50.49	0.98	UD	2.02		
Vinyl Chloride	75-01-4	62.5	0.14	UD	0.36		
Bromomethane	74-83-9	94.94	1.4	UD	5.44		
Chloroethane	75-00-3	64.52	1.7	UD	4.49		
Tetrahydrofuran	109-99-9	72.11	1.3	UD	3.83		
Trichlorofluoromethane	75-69-4	137.4	1.6	UD	8.99		
Dichlorotetrafluoroethane	76-14-2	170.9	0.88	UD	6.15		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	1.6	UD	12.3		
tert-Butyl alcohol	75-65-0	74.12	1.9	UD	5.76		
Heptane	142-82-5	100.2	1.1	UD	4.51		
1,1-Dichloroethene	75-35-4	96.94	1.4	UD	5.55		
Acetone	67-64-1	58.08	38.3	D	91.0		
Carbon Disulfide	75-15-0	76.14	1.6	UD	4.98		
Methyl tert-Butyl Ether	1634-04-4	88.15	1.2	UD	4.33		
Methylene Chloride	75-09-2	84.94	2.4	JD	8.34		
trans-1,2-Dichloroethene	156-60-5	96.94	1.9	UD	7.53		
1,1-Dichloroethane	75-34-3	98.96	1.3	UD	5.26		
Cyclohexane	110-82-7	84.16	2.2	UD	7.57		
2-Butanone	78-93-3	72.11	2.4	JD	7.08		
Carbon Tetrachloride	56-23-5	153.8	0.11	UD	0.69		
cis-1,2-Dichloroethene	156-59-2	96.94	0.89	UD	3.53		
Chloroform	67-66-3	119.4	0.83	UD	4.05		
1,1,1-Trichloroethane	71-55-6	133.4	0.1	UD	0.55		
2,2,4-Trimethylpentane	540-84-1	114.2	1	UD	4.67		
Benzene	71-43-2	78.11	0.87	UD	2.78		
1,2-Dichloroethane	107-06-2	98.96	0.91	UD	3.68		
Trichloroethene	79-01-6	131.4	0.17	UD	0.91		
1,2-Dichloropropane	78-87-5	113	1.1	UD	5.08		
Bromodichloromethane	75-27-4	163.8	0.77	UD	5.16		
4-Methyl-2-Pentanone	108-10-1	100.2	1.7	JD	6.97		
Toluene	108-88-3	92.14	5.7	D	21.5		
t-1,3-Dichloropropene	10061-02-6	111	0.6	UD	2.72		
cis-1,3-Dichloropropene	10061-01-5	111	0.64	UD	2.91		
1,1,2-Trichloroethane	79-00-5	133.4	0.71	UD	3.87		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-1-3262025DL

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-07DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.66	UD	5.62		
1,2-Dibromoethane	106-93-4	187.9	0.72	UD	5.53		
Tetrachloroethene	127-18-4	165.8	0.15	UD	1.02		
Chlorobenzene	108-90-7	112.6	0.76	UD	3.5		
Ethyl Benzene	100-41-4	106.2	1.2	UD	5.21		
m/p-Xylene	179601-23-1	106.2	2.1	UD	9.12		
o-Xylene	95-47-6	106.2	1.2	UD	5.21		
Styrene	100-42-5	104.1	1.1	UD	4.68		
Bromoform	75-25-2	252.8	0.57	UD	5.89		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.11	UD	0.76		
2-Chlorotoluene	95-49-8	126.6	1.1	UD	5.7		
1,3,5-Trimethylbenzene	108-67-8	120.2	1.1	UD	5.41		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.78	UD	3.83		
1,3-Dichlorobenzene	541-73-1	147	0.8	UD	4.81		
1,4-Dichlorobenzene	106-46-7	147	0.53	UD	3.19		
1,2-Dichlorobenzene	95-50-1	147	0.75	UD	4.51		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.85	UD	6.31		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.85	UD	9.07		
Naphthalene	91-20-3	128.17	0.75	UD	3.93		
1,3-Butadiene	106-99-0	54.09	1.3	UD	2.88		
4-Ethyltoluene	622-96-8	120.2	1.2	UD	5.9		
Hexane	110-54-3	86.17	1.1	UD	3.88		
Allyl Chloride	107-05-1	76.53	1.5	UD	4.7		
1,4-Dioxane	123-91-1	88.12	2.1	UD	7.57		
Methyl Methacrylate	80-62-6	100.117	0.86	UD	3.52		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-2-3262025

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-08

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.42	J	2.08		
Chloromethane	74-87-3	50.49	0.1	U	0.21		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.13	U	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.18	J	1.01		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.19	U	0.58		
Heptane	142-82-5	100.2	0.14	J	0.57		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	10.8		25.6		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	0.66		2.29		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	0.63		1.86		
Carbon Tetrachloride	56-23-5	153.8	0.04		0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	1.3		6.35		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.1	U	0.47		
Benzene	71-43-2	78.11	0.24	J	0.77		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	3.4		13.9		
Toluene	108-88-3	92.14	2.9		10.9		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : SSSG-B16-2-3262025

Analysis Date : 03/28/25

Laboratory Id Number : Q1669-08

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.19		1.29		
Chlorobenzene	108-90-7	112.6	0.1	J	0.46		
Ethyl Benzene	100-41-4	106.2	0.25	J	1.09		
m/p-Xylene	179601-23-1	106.2	1.2		5.21		
o-Xylene	95-47-6	106.2	0.45	J	1.95		
Styrene	100-42-5	104.1	0.37	J	1.58		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.14	J	0.69		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.32	J	1.57		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.13	J	0.64		
Hexane	110-54-3	86.17	0.56		1.97		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : AA-3-3252025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-09

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.45	J	2.23		
Chloromethane	74-87-3	50.49	0.44	J	0.91		
Vinyl Chloride	75-01-4	62.5	0.01	U	0.03		
Bromomethane	74-83-9	94.94	0.14	U	0.54		
Chloroethane	75-00-3	64.52	0.17	U	0.45		
Tetrahydrofuran	109-99-9	72.11	0.13	U	0.38		
Trichlorofluoromethane	75-69-4	137.4	0.22	J	1.24		
Dichlorotetrafluoroethane	76-14-2	170.9	0.09	U	0.63		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.16	U	1.23		
tert-Butyl alcohol	75-65-0	74.12	0.19	U	0.58		
Heptane	142-82-5	100.2	0.11	U	0.45		
1,1-Dichloroethene	75-35-4	96.94	0.14	U	0.56		
Acetone	67-64-1	58.08	2.5		5.94		
Carbon Disulfide	75-15-0	76.14	0.16	U	0.5		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.12	U	0.43		
Methylene Chloride	75-09-2	84.94	7		24.3		
trans-1,2-Dichloroethene	156-60-5	96.94	0.19	U	0.75		
1,1-Dichloroethane	75-34-3	98.96	0.13	U	0.53		
Cyclohexane	110-82-7	84.16	0.22	U	0.76		
2-Butanone	78-93-3	72.11	0.18	J	0.53		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.09	U	0.36		
Chloroform	67-66-3	119.4	0.08	U	0.39		
1,1,1-Trichloroethane	71-55-6	133.4	0.01	U	0.05		
2,2,4-Trimethylpentane	540-84-1	114.2	0.1	U	0.47		
Benzene	71-43-2	78.11	0.13	J	0.42		
1,2-Dichloroethane	107-06-2	98.96	0.09	U	0.36		
Trichloroethene	79-01-6	131.4	0.02	U	0.11		
1,2-Dichloropropane	78-87-5	113	0.11	U	0.51		
Bromodichloromethane	75-27-4	163.8	0.08	U	0.54		
4-Methyl-2-Pentanone	108-10-1	100.2	0.09	U	0.37		
Toluene	108-88-3	92.14	0.34	J	1.28		
t-1,3-Dichloropropene	10061-02-6	111	0.06	U	0.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.06	U	0.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.07	U	0.38		

Project : US EPA Riverside Industrial Park Superfund Site

Sampling Date : 03/26/25

Field Id Number : AA-3-3252025

Analysis Date : 03/27/25

Laboratory Id Number : Q1669-09

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.07	U	0.6		
1,2-Dibromoethane	106-93-4	187.9	0.07	U	0.54		
Tetrachloroethene	127-18-4	165.8	0.02	U	0.14		
Chlorobenzene	108-90-7	112.6	0.08	U	0.37		
Ethyl Benzene	100-41-4	106.2	0.12	U	0.52		
m/p-Xylene	179601-23-1	106.2	0.21	U	0.91		
o-Xylene	95-47-6	106.2	0.12	U	0.52		
Styrene	100-42-5	104.1	0.11	U	0.47		
Bromoform	75-25-2	252.8	0.06	U	0.62		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.01	U	0.07		
2-Chlorotoluene	95-49-8	126.6	0.11	U	0.57		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.11	U	0.54		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.29	J	1.43		
1,3-Dichlorobenzene	541-73-1	147	0.08	U	0.48		
1,4-Dichlorobenzene	106-46-7	147	0.05	U	0.3		
1,2-Dichlorobenzene	95-50-1	147	0.08	U	0.48		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.09	U	0.67		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.09	U	0.96		
Naphthalene	91-20-3	128.17	0.08	U	0.42		
1,3-Butadiene	106-99-0	54.09	0.13	U	0.29		
4-Ethyltoluene	622-96-8	120.2	0.12	U	0.59		
Hexane	110-54-3	86.17	4.5		15.9		
Allyl Chloride	107-05-1	76.53	0.15	U	0.47		
1,4-Dioxane	123-91-1	88.12	0.21	U	0.76		
Methyl Methacrylate	80-62-6	100.117	0.09	U	0.37		

Method	Matrix	Parameter	Spike_Amt_ Added	Calculated MDL	MB Data	MB Datafile	New MDL TO Be Used	MDL Unit
TO-15	Air	1,1,1,2-Tetrachloroethane	0.4	0.090683682	0		0.091	ppbv
TO-15	Air	1,1,1-Trichloroethane	0.03	0.00947589	0		0.0095	ppbv
TO-15	Air	1,1,2,2-Tetrachloroethane	0.03	0.010183321	0		0.011	ppbv
TO-15	Air	1,1,2-Trichloroethane	0.4	0.070112514	0		0.071	ppbv
TO-15	Air	1,1,2-Trichlorotrifluoroethane	0.4	0.155560652	0		0.16	ppbv
TO-15	Air	1,1-Dichloroethane	0.4	0.122378743	0		0.13	ppbv
TO-15	Air	1,1-Dichloroethene	0.4	0.139735617	0		0.14	ppbv
TO-15	Air	1,2,4-Trichlorobenzene	0.4	0.084677012	0		0.085	ppbv
TO-15	Air	1,2,4-Trimethylbenzene	0.4	0.077496367	0		0.078	ppbv
TO-15	Air	1,2-Dibromoethane	0.4	0.071318853	0		0.072	ppbv
TO-15	Air	1,2-Dichlorobenzene	0.4	0.074250332	0		0.075	ppbv
TO-15	Air	1,2-Dichloroethane	0.4	0.090890005	0		0.091	ppbv
TO-15	Air	1,2-Dichloropropane	0.4	0.073346868	0.109	VL038919.D	0.11	ppbv
TO-15	Air	1,3,5-Trimethylbenzene	0.4	0.101198372	0		0.11	ppbv
TO-15	Air	1,3-Butadiene	0.4	0.124009143	0		0.13	ppbv
TO-15	Air	1,3-Dichlorobenzene	0.4	0.079013305	0		0.08	ppbv
TO-15	Air	1,4-Dichlorobenzene	0.4	0.052746151	0		0.053	ppbv
TO-15	Air	1,4-Dioxane	0.4	0.202123585	0		0.21	ppbv
TO-15	Air	2,2,4-Trimethylpentane	0.4	0.09988427	0		0.10	ppbv
TO-15	Air	2-Butanone	0.4	0.118687999	0		0.12	ppbv
TO-15	Air	2-Chlorotoluene	0.4	0.104141644	0		0.11	ppbv
TO-15	Air	2-Hexanone	0.4	0.080656229	0		0.081	ppbv
TO-15	Air	4-Ethyltoluene	0.4	0.112037051	0		0.12	ppbv
TO-15	Air	4-Methyl-2-Pentanone	0.4	0.092836933	0		0.093	ppbv
TO-15	Air	Acetone	0.4	0.234416891	0		0.24	ppbv
TO-15	Air	Allyl Chloride	0.4	0.145618654	0		0.15	ppbv
TO-15	Air	Benzene	0.4	0.086407689	0		0.087	ppbv
TO-15	Air	Benzyl Chloride	0.4	0.173895169	0		0.18	ppbv
TO-15	Air	Bromodichloromethane	0.4	0.076780313	0		0.077	ppbv
TO-15	Air	Bromoethene	0.4	0.115560124	0		0.12	ppbv
TO-15	Air	Bromoform	0.4	0.056947551	0		0.057	ppbv
TO-15	Air	Bromomethane	0.4	0.137678239	0		0.14	ppbv
TO-15	Air	Carbon Disulfide	0.4	0.157343925	0		0.16	ppbv
TO-15	Air	Carbon Tetrachloride	0.03	0.010617308	0		0.011	ppbv
TO-15	Air	Chlorobenzene	0.4	0.075202602	0		0.076	ppbv
TO-15	Air	Chlorodifluoromethane	0.4	0.087466815	0		0.088	ppbv
TO-15	Air	Chloroethane	0.4	0.163530318	0		0.17	ppbv
TO-15	Air	Chloroform	0.4	0.082232394	0		0.083	ppbv
TO-15	Air	Chloromethane	0.4	0.097292998	0		0.098	ppbv
TO-15	Air	cis-1,2-Dichloroethene	0.4	0.088332535	0		0.089	ppbv
TO-15	Air	cis-1,3-Dichloropropene	0.4	0.063248763	0		0.064	ppbv
TO-15	Air	Cyclohexane	0.4	0.217999816	0		0.22	ppbv
TO-15	Air	Dibromochloromethane	0.4	0.065703935	0		0.066	ppbv
TO-15	Air	Dichlorodifluoromethane	0.4	0.20957733	0		0.21	ppbv
TO-15	Air	Dichlorotetrafluoroethane	0.4	0.087348046	0		0.088	ppbv
TO-15	Air	Ethyl Acetate	0.4	0.078161123	0		0.079	ppbv
TO-15	Air	Ethyl Benzene	0.4	0.115413562	0		0.12	ppbv
TO-15	Air	Heptane	0.4	0.100800637	0		0.11	ppbv
TO-15	Air	Hexachloro-1,3-Butadiene	0.4	0.084169773	0		0.085	ppbv
TO-15	Air	Hexane	0.4	0.106485082	0		0.11	ppbv
TO-15	Air	Isopropyl Alcohol	0.4	0.068329134	0		0.069	ppbv
TO-15	Air	Isopropylbenzene	0.4	0.086744608	0		0.087	ppbv
TO-15	Air	m/p-Xylene	0.4	0.205831125	0		0.21	ppbv
TO-15	Air	Methyl Methacrylate	0.4	0.085528753	0		0.086	ppbv
TO-15	Air	Methyl tert-Butyl Ether	0.4	0.119546728	0		0.12	ppbv
TO-15	Air	Methylene Chloride	0.4	0.18405265	0.11	VL039022.D	0.19	ppbv
TO-15	Air	Naphthalene	0.4	0.074961199	0		0.075	ppbv
TO-15	Air	Naphthalene,2-methyl-	0.4	0.148496389	0		0.15	ppbv
TO-15	Air	n-Butylbenzene	0.4	0.08201719	0		0.083	ppbv
TO-15	Air	n-propylbenzene	0.4	0.0778963	0		0.078	ppbv
TO-15	Air	o-Xylene	0.4	0.117630235	0		0.12	ppbv
TO-15	Air	p-Isopropyltoluene	0.4	0.085704866	0		0.086	ppbv
TO-15	Air	Propene	0.4	0.143790814	0.14	VL039337.D	0.15	ppbv
TO-15	Air	sec-Butylbenzene	0.4	0.093164076	0		0.094	ppbv
TO-15	Air	Styrene	0.4	0.109444442	0		0.11	ppbv
TO-15	Air	t-1,3-Dichloropropene	0.4	0.059734415	0		0.06	ppbv
TO-15	Air	tert-Butyl alcohol	0.4	0.187711954	0		0.19	ppbv
TO-15	Air	tert-Butylbenzene	0.4	0.092760327	0		0.093	ppbv
TO-15	Air	Tetrachloroethene	0.03	0.014462962	0		0.015	ppbv
TO-15	Air	Tetrahydrofuran	0.4	0.122655048	0		0.13	ppbv
TO-15	Air	Toluene	0.4	0.109284	0		0.11	ppbv
TO-15	Air	trans-1,2-Dichloroethene	0.4	0.185264638	0		0.19	ppbv
TO-15	Air	Trichloroethene	0.03	0.016558175	0		0.017	ppbv
TO-15	Air	Trichlorofluoromethane	0.4	0.157465794	0		0.16	ppbv
TO-15	Air	Vinyl Acetate	0.4	0.152371485	0		0.16	ppbv
TO-15	Air	Vinyl Chloride	0.03	0.013585954	0		0.014	ppbv
TO-15	Air	Ethanol	0.4	0.217031286	0		0.32	ug/L

StddevVal	StudentsT Value	Instrument ID	Datafile1	Concentration1	Adate1	Datafile2	Concentration2
0.03485153	2.602	MSVOA_L	VL038602.D	0.51	03142022T18:52:00	VL038645.D	0.494
0.003641772	2.602	MSVOA_L	VL038599.D	0.03	03142022T17:01:00	VL038658.D	0.029
0.003913651	2.602	MSVOA_L	VL038599.D	0.03	03142022T17:01:00	VL038658.D	0.035
0.026945624	2.602	MSVOA_L	VL038602.D	0.44	03142022T18:52:00	VL038645.D	0.439
0.059785032	2.602	MSVOA_L	VL038602.D	0.47	03142022T18:52:00	VL038645.D	0.466
0.047032569	2.602	MSVOA_L	VL038602.D	0.45	03142022T18:52:00	VL038645.D	0.456
0.053703158	2.602	MSVOA_L	VL038602.D	0.43	03142022T18:52:00	VL038645.D	0.411
0.032543048	2.602	MSVOA_L	VL038602.D	0.3	03142022T18:52:00	VL038645.D	0.336
0.029783385	2.602	MSVOA_L	VL038602.D	0.38	03142022T18:52:00	VL038645.D	0.396
0.027409244	2.602	MSVOA_L	VL038602.D	0.38	03142022T18:52:00	VL038645.D	0.352
0.028535869	2.602	MSVOA_L	VL038602.D	0.45	03142022T18:52:00	VL038645.D	0.407
0.034930824	2.602	MSVOA_L	VL038602.D	0.41	03142022T18:52:00	VL038645.D	0.445
0.02818865	2.602	MSVOA_L	VL038602.D	0.43	03142022T18:52:00	VL038645.D	0.406
0.038892534	2.602	MSVOA_L	VL038602.D	0.33	03142022T18:52:00	VL038645.D	0.374
0.047659163	2.602	MSVOA_L	VL038602.D	0.42	03142022T18:52:00	VL038645.D	0.419
0.030366374	2.602	MSVOA_L	VL038602.D	0.42	03142022T18:52:00	VL038645.D	0.428
0.020271388	2.602	MSVOA_L	VL038602.D	0.42	03142022T18:52:00	VL038645.D	0.418
0.077680086	2.602	MSVOA_L	VL038602.D	0.46	03142022T18:52:00	VL038645.D	0.285
0.038387498	2.602	MSVOA_L	VL038602.D	0.39	03142022T18:52:00	VL038645.D	0.383
0.045614143	2.602	MSVOA_L	VL038602.D	0.4	03142022T18:52:00	VL038645.D	0.406
0.040023691	2.602	MSVOA_L	VL038602.D	0.37	03142022T18:52:00	VL038645.D	0.375
0.030997782	2.602	MSVOA_L	VL038602.D	0.3	03142022T18:52:00	VL038645.D	0.283
0.043058052	2.602	MSVOA_L	VL038602.D	0.34	03142022T18:52:00	VL038645.D	0.356
0.035679067	2.602	MSVOA_L	VL038602.D	0.3	03142022T18:52:00	VL038645.D	0.282
0.090091042	2.602	MSVOA_L	VL038602.D	0.43	03142022T18:52:00	VL038645.D	0.468
0.055964125	2.602	MSVOA_L	VL038602.D	0.4	03142022T18:52:00	VL038645.D	0.392
0.033208182	2.602	MSVOA_L	VL038602.D	0.38	03142022T18:52:00	VL038645.D	0.407
0.066831349	2.602	MSVOA_L	VL038602.D	0.44	03142022T18:52:00	VL038645.D	0.454
0.029508191	2.602	MSVOA_L	VL038602.D	0.43	03142022T18:52:00	VL038645.D	0.408
0.044412039	2.602	MSVOA_L	VL038602.D	0.42	03142022T18:52:00	VL038645.D	0.433
0.021886069	2.602	MSVOA_L	VL038602.D	0.38	03142022T18:52:00	VL038645.D	0.31
0.052912467	2.602	MSVOA_L	VL038602.D	0.43	03142022T18:52:00	VL038645.D	0.404
0.060470378	2.602	MSVOA_L	VL038602.D	0.37	03142022T18:52:00	VL038645.D	0.357
0.004080441	2.602	MSVOA_L	VL038599.D	0.03	03142022T17:01:00	VL038658.D	0.026
0.028901845	2.602	MSVOA_L	VL038602.D	0.48	03142022T18:52:00	VL038645.D	0.467
0.033615225	2.602	MSVOA_L	VL038602.D	0.45	03142022T18:52:00	VL038645.D	0.468
0.062847932	2.602	MSVOA_L	VL038602.D	0.44	03142022T18:52:00	VL038645.D	0.453
0.031603534	2.602	MSVOA_L	VL038602.D	0.45	03142022T18:52:00	VL038645.D	0.464
0.037391621	2.602	MSVOA_L	VL038602.D	0.47	03142022T18:52:00	VL038645.D	0.439
0.033947938	2.602	MSVOA_L	VL038602.D	0.36	03142022T18:52:00	VL038645.D	0.391
0.024307749	2.602	MSVOA_L	VL038602.D	0.3	03142022T18:52:00	VL038645.D	0.317
0.083781636	2.602	MSVOA_L	VL038602.D	0.42	03142022T18:52:00	VL038645.D	0.414
0.02525132	2.602	MSVOA_L	VL038602.D	0.39	03142022T18:52:00	VL038645.D	0.359
0.080544708	2.602	MSVOA_L	VL038602.D	0.49	03142022T18:52:00	VL038645.D	0.43
0.033569579	2.602	MSVOA_L	VL038602.D	0.5	03142022T18:52:00	VL038645.D	0.472
0.030038864	2.602	MSVOA_L	VL038602.D	0.39	03142022T18:52:00	VL038645.D	0.412
0.044355712	2.602	MSVOA_L	VL038602.D	0.33	03142022T18:52:00	VL038645.D	0.357
0.038739676	2.602	MSVOA_L	VL038602.D	0.35	03142022T18:52:00	VL038645.D	0.349
0.032348107	2.602	MSVOA_L	VL038602.D	0.48	03142022T18:52:00	VL038645.D	0.5
0.04092432	2.602	MSVOA_L	VL038602.D	0.37	03142022T18:52:00	VL038645.D	0.411
0.026260236	2.602	MSVOA_L	VL038602.D	0.47	03142022T18:52:00	VL038645.D	0.44
0.033337666	2.602	MSVOA_L	VL038602.D	0.4	03142022T18:52:00	VL038645.D	0.387
0.079104967	2.602	MSVOA_L	VL038602.D	0.76	03142022T18:52:00	VL038645.D	0.762
0.032870389	2.602	MSVOA_L	VL038602.D	0.31	03142022T18:52:00	VL038645.D	0.334
0.045944169	2.602	MSVOA_L	VL038602.D	0.41	03142022T18:52:00	VL038645.D	0.418
0.070735069	2.602	MSVOA_L	VL038602.D	0.49	03142022T18:52:00	VL038645.D	0.479
0.02880907	2.602	MSVOA_L	VL038602.D	0.25	03142022T18:52:00	VL038645.D	0.289
0.057070096	2.602	MSVOA_L	VL038602.D	0.14	03142022T18:52:00	VL038645.D	0.074
0.031520826	2.602	MSVOA_L	VL038602.D	0.35	03142022T18:52:00	VL038645.D	0.366
0.029937087	2.602	MSVOA_L	VL038602.D	0.37	03142022T18:52:00	VL038645.D	0.365
0.045207623	2.602	MSVOA_L	VL038602.D	0.36	03142022T18:52:00	VL038645.D	0.368
0.032938073	2.602	MSVOA_L	VL038602.D	0.35	03142022T18:52:00	VL038645.D	0.366
0.05526165	2.602	MSVOA_L	VL038602.D	0.44	03142022T18:52:00	VL038645.D	0.443
0.035804795	2.602	MSVOA_L	VL038602.D	0.38	03142022T18:52:00	VL038645.D	0.392
0.042061661	2.602	MSVOA_L	VL038602.D	0.26	03142022T18:52:00	VL038645.D	0.275
0.022957116	2.602	MSVOA_L	VL038602.D	0.27	03142022T18:52:00	VL038645.D	0.29
0.072141412	2.602	MSVOA_L	VL038602.D	0.44	03142022T18:52:00	VL038645.D	0.459
0.035649626	2.602	MSVOA_L	VL038602.D	0.37	03142022T18:52:00	VL038645.D	0.405
0.005558402	2.602	MSVOA_L	VL038599.D	0.03	03142022T17:01:00	VL038658.D	0.031
0.047138758	2.602	MSVOA_L	VL038602.D	0.3	03142022T18:52:00	VL038645.D	0.324
0.042	2.602	MSVOA_L	VL038602.D	0.31	03142022T18:52:00	VL038645.D	0.332
0.07120086	2.602	MSVOA_L	VL038602.D	0.4	03142022T18:52:00	VL038645.D	0.396
0.006363634	2.602	MSVOA_L	VL038599.D	0.03	03142022T17:01:00	VL038658.D	0.035
0.060517215	2.602	MSVOA_L	VL038602.D	0.46	03142022T18:52:00	VL038645.D	0.472
0.058559372	2.602	MSVOA_L	VL038602.D	0.4	03142022T18:52:00	VL038645.D	0.389
0.00522135	2.602	MSVOA_L	VL038599.D	0.03	03142022T17:01:00	VL038658.D	0.031
0.105747594	2.998	MSVOA_L	VL040210.D	0.438	02222023T00:52:00	VL040220.D	0.43

Datafile8	Concentration8	Adate8	Datafile9	Concentration9	Adate9	Datafile10	Concentration10
VL040134.D	0.42	01302023T15:54:00	VL040210.D	0.383	02222023T00:52:00	VL040220.D	0.42
VL040136.D	0.03	01302023T17:08:00	VL040222.D	0.038	02232023T14:26:00	VL040223.D	0.033
VL040136.D	0.03	01302023T17:08:00	VL040222.D	0.032	02232023T14:26:00	VL040223.D	0.027
VL040134.D	0.41	01302023T15:54:00	VL040210.D	0.395	02222023T00:52:00	VL040220.D	0.43
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.476	02222023T00:52:00	VL040220.D	0.47
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.436	02222023T00:52:00	VL040220.D	0.45
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.452	02222023T00:52:00	VL040220.D	0.45
VL040134.D	0.32	01302023T15:54:00	VL040210.D	0.299	02222023T00:52:00	VL040220.D	0.32
VL040134.D	0.37	01302023T15:54:00	VL040210.D	0.375	02222023T00:52:00	VL040220.D	0.37
VL040134.D	0.39	01302023T15:54:00	VL040210.D	0.38	02222023T00:52:00	VL040220.D	0.38
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.378	02222023T00:52:00	VL040220.D	0.43
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.434	02222023T00:52:00	VL040220.D	0.44
VL040134.D	0.41	01302023T15:54:00	VL040210.D	0.432	02222023T00:52:00	VL040220.D	0.43
VL040134.D	0.35	01302023T15:54:00	VL040210.D	0.344	02222023T00:52:00	VL040220.D	0.34
VL040134.D	0.43	01302023T15:54:00	VL040210.D	0.396	02222023T00:52:00	VL040220.D	0.41
VL040134.D	0.37	01302023T15:54:00	VL040210.D	0.395	02222023T00:52:00	VL040220.D	0.42
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.402	02222023T00:52:00	VL040220.D	0.4
VL040134.D	0.41	01302023T15:54:00	VL040210.D	0.387	02222023T00:52:00	VL040220.D	0.43
VL040134.D	0.39	01302023T15:54:00	VL040210.D	0.352	02222023T00:52:00	VL040220.D	0.38
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.416	02222023T00:52:00	VL040220.D	0.44
VL040134.D	0.36	01302023T15:54:00	VL040210.D	0.34	02222023T00:52:00	VL040220.D	0.36
VL040134.D	0.32	01302023T15:54:00	VL040210.D	0.318	02222023T00:52:00	VL040220.D	0.34
VL040134.D	0.35	01302023T15:54:00	VL040210.D	0.321	02222023T00:52:00	VL040220.D	0.36
VL040134.D	0.36	01302023T15:54:00	VL040210.D	0.337	02222023T00:52:00	VL040220.D	0.37
VL040134.D	0.45	01302023T15:54:00	VL040210.D	0.482	02222023T00:52:00	VL040220.D	0.5
VL040134.D	0.36	01302023T15:54:00	VL040210.D	0.411	02222023T00:52:00	VL040220.D	0.45
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.359	02222023T00:52:00	VL040220.D	0.39
VL040134.D	0.29	01302023T15:54:00	VL040210.D	0.311	02222023T00:52:00	VL040220.D	0.38
VL040134.D	0.37	01302023T15:54:00	VL040210.D	0.378	02222023T00:52:00	VL040220.D	0.38
VL040134.D	0.37	01302023T15:54:00	VL040210.D	0.413	02222023T00:52:00	VL040220.D	0.42
VL040134.D	0.32	01302023T15:54:00	VL040210.D	0.32	02222023T00:52:00	VL040220.D	0.33
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.408	02222023T00:52:00	VL040220.D	0.49
VL040134.D	0.31	01302023T15:54:00	VL040210.D	0.391	02222023T00:52:00	VL040220.D	0.37
VL040136.D	0.03	01302023T17:08:00	VL040222.D	0.033	02232023T14:26:00	VL040223.D	0.037
VL040134.D	0.44	01302023T15:54:00	VL040210.D	0.414	02222023T00:52:00	VL040220.D	0.45
VL040134.D	0.43	01302023T15:54:00	VL040210.D	0.474	02222023T00:52:00	VL040220.D	0.46
VL040134.D	0.37	01302023T15:54:00	VL040210.D	0.416	02222023T00:52:00	VL040220.D	0.44
VL040134.D	0.47	01302023T15:54:00	VL040210.D	0.445	02222023T00:52:00	VL040220.D	0.42
VL040134.D	0.46	01302023T15:54:00	VL040210.D	0.443	02222023T00:52:00	VL040220.D	0.47
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.435	02222023T00:52:00	VL040220.D	0.38
VL040134.D	0.33	01302023T15:54:00	VL040210.D	0.284	02222023T00:52:00	VL040220.D	0.34
VL040134.D	0.49	01302023T15:54:00	VL040210.D	0.521	02222023T00:52:00	VL040220.D	0.34
VL040134.D	0.35	01302023T15:54:00	VL040210.D	0.343	02222023T00:52:00	VL040220.D	0.34
VL040134.D	0.48	01302023T15:54:00	VL040210.D	0.497	02222023T00:52:00	VL040220.D	0.49
VL040134.D	0.43	01302023T15:54:00	VL040210.D	0.431	02222023T00:52:00	VL040220.D	0.46
VL040134.D	0.39	01302023T15:54:00	VL040210.D	0.398	02222023T00:52:00	VL040220.D	0.42
VL040134.D	0.36	01302023T15:54:00	VL040210.D	0.309	02222023T00:52:00	VL040220.D	0.33
VL040134.D	0.34	01302023T15:54:00	VL040210.D	0.336	02222023T00:52:00	VL040220.D	0.37
VL040134.D	0.43	01302023T15:54:00	VL040210.D	0.421	02222023T00:52:00	VL040220.D	0.44
VL040134.D	0.41	01302023T15:54:00	VL040210.D	0.4	02222023T00:52:00	VL040220.D	0.41
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.479	02222023T00:52:00	VL040220.D	0.48
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.361	02222023T00:52:00	VL040220.D	0.4
VL040134.D	0.71	01302023T15:54:00	VL040210.D	0.699	02222023T00:52:00	VL040220.D	0.75
VL040134.D	0.35	01302023T15:54:00	VL040210.D	0.314	02222023T00:52:00	VL040220.D	0.35
VL040134.D	0.38	01302023T15:54:00	VL040210.D	0.421	02222023T00:52:00	VL040220.D	0.41
VL040134.D	0.44	01302023T15:54:00	VL040210.D	0.558	02222023T00:52:00	VL040220.D	0.57
VL040134.D	0.27	01302023T15:54:00	VL040210.D	0.246	02222023T00:52:00	VL040220.D	0.27
VL040134.D	0.19	01302023T15:54:00	VL040210.D	0.116	02222023T00:52:00	VL040220.D	0.21
VL040134.D	0.34	01302023T15:54:00	VL040210.D	0.349	02222023T00:52:00	VL040220.D	0.35
VL040134.D	0.34	01302023T15:54:00	VL040210.D	0.354	02222023T00:52:00	VL040220.D	0.36
VL040134.D	0.34	01302023T15:54:00	VL040210.D	0.331	02222023T00:52:00	VL040220.D	0.36
VL040134.D	0.33	01302023T15:54:00	VL040210.D	0.329	02222023T00:52:00	VL040220.D	0.34
VL040134.D	0.42	01302023T15:54:00	VL040210.D	0.432	02222023T00:52:00	VL040220.D	0.43
VL040134.D	0.36	01302023T15:54:00	VL040210.D	0.352	02222023T00:52:00	VL040220.D	0.37
VL040134.D	0.29	01302023T15:54:00	VL040210.D	0.262	02222023T00:52:00	VL040220.D	0.27
VL040134.D	0.3	01302023T15:54:00	VL040210.D	0.292	02222023T00:52:00	VL040220.D	0.3
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.395	02222023T00:52:00	VL040220.D	0.44
VL040134.D	0.35	01302023T15:54:00	VL040210.D	0.349	02222023T00:52:00	VL040220.D	0.36
VL040136.D	0.03	01302023T17:08:00	VL040222.D	0.029	02232023T14:26:00	VL040223.D	0.031
VL040134.D	0.42	01302023T15:54:00	VL040210.D	0.368	02222023T00:52:00	VL040220.D	0.42
VL040134.D	0.34	01302023T15:54:00	VL040210.D	0.297	02222023T00:52:00	VL040220.D	0.33
VL040134.D	0.35	01302023T15:54:00	VL040210.D	0.397	02222023T00:52:00	VL040220.D	0.42
VL040136.D	0.03	01302023T17:08:00	VL040222.D	0.027	02232023T14:26:00	VL040223.D	0.028
VL040134.D	0.4	01302023T15:54:00	VL040210.D	0.451	02222023T00:52:00	VL040220.D	0.45
VL040134.D	0.39	01302023T15:54:00	VL040210.D	0.438	02222023T00:52:00	VL040220.D	0.4
VL040136.D	0.03	01302023T17:08:00	VL040222.D	0.033	02232023T14:26:00	VL040223.D	0.038
VL040805.D	0.675	10252023T18:12:00					

Datafile16	Concentration16	Adate16	Department	AVG Concentration	Recovery
VL040805.D	0.428	10252023T18:12:00	VOC	0.45	110
VL040787.D	0.04	10232023T20:32:00	VOC	0.032	110
VL040787.D	0.04	10232023T20:32:00	VOC	0.03	100
VL040805.D	0.471	10252023T18:12:00	VOC	0.42	110
VL040805.D	0.476	10252023T18:12:00	VOC	0.48	120
VL040805.D	0.427	10252023T18:12:00	VOC	0.46	110
VL040805.D	0.47	10252023T18:12:00	VOC	0.45	110
VL040805.D	0.288	10252023T18:12:00	VOC	0.31	79
VL040805.D	0.435	10252023T18:12:00	VOC	0.37	93
VL040805.D	0.433	10252023T18:12:00	VOC	0.38	95
VL040805.D	0.405	10252023T18:12:00	VOC	0.41	100
VL040805.D	0.501	10252023T18:12:00	VOC	0.44	110
VL040805.D	0.456	10252023T18:12:00	VOC	0.42	100
VL040805.D	0.403	10252023T18:12:00	VOC	0.35	87
VL040805.D	0.455	10252023T18:12:00	VOC	0.44	110
VL040805.D	0.412	10252023T18:12:00	VOC	0.4	100
VL040805.D	0.414	10252023T18:12:00	VOC	0.4	100
VL040805.D	0.486	10252023T18:12:00	VOC	0.38	96
VL040805.D	0.434	10252023T18:12:00	VOC	0.37	93
VL040805.D	0.467	10252023T18:12:00	VOC	0.42	100
VL040805.D	0.42	10252023T18:12:00	VOC	0.35	88
VL040805.D	0.353	10252023T18:12:00	VOC	0.3	75
VL040805.D	0.397	10252023T18:12:00	VOC	0.34	84
VL040805.D	0.403	10252023T18:12:00	VOC	0.34	84
VL040805.D	0.576	10252023T18:12:00	VOC	0.53	130
VL040805.D	0.422	10252023T18:12:00	VOC	0.43	110
VL040805.D	0.445	10252023T18:12:00	VOC	0.38	96
VL040805.D	0.205	10252023T18:12:00	VOC	0.36	91
VL040805.D	0.458	10252023T18:12:00	VOC	0.4	100
VL040805.D	0.436	10252023T18:12:00	VOC	0.44	110
VL040805.D	0.34	10252023T18:12:00	VOC	0.33	82
VL040805.D	0.508	10252023T18:12:00	VOC	0.47	120
VL040805.D	0.361	10252023T18:12:00	VOC	0.38	95
VL040787.D	0.04	10232023T20:32:00	VOC	0.031	100
VL040805.D	0.454	10252023T18:12:00	VOC	0.45	110
VL040805.D	0.517	10252023T18:12:00	VOC	0.48	120
VL040805.D	0.435	10252023T18:12:00	VOC	0.47	120
VL040805.D	0.487	10252023T18:12:00	VOC	0.45	110
VL040805.D	0.458	10252023T18:12:00	VOC	0.46	120
VL040805.D	0.435	10252023T18:12:00	VOC	0.4	99
VL040805.D	0.335	10252023T18:12:00	VOC	0.3	75
VL040805.D	0.416	10252023T18:12:00	VOC	0.39	96
VL040805.D	0.384	10252023T18:12:00	VOC	0.36	89
VL040805.D	0.516	10252023T18:12:00	VOC	0.54	140
VL040805.D	0.505	10252023T18:12:00	VOC	0.48	120
VL040805.D	0.404	10252023T18:12:00	VOC	0.4	100
VL040805.D	0.406	10252023T18:12:00	VOC	0.33	82
VL040805.D	0.404	10252023T18:12:00	VOC	0.35	88
VL040805.D	0.446	10252023T18:12:00	VOC	0.45	110
VL040805.D	0.452	10252023T18:12:00	VOC	0.4	100
VL040805.D	0.442	10252023T18:12:00	VOC	0.45	110
VL040805.D	0.435	10252023T18:12:00	VOC	0.38	96
VL040805.D	0.888	10252023T18:12:00	VOC	0.72	180
VL040805.D	0.348	10252023T18:12:00	VOC	0.32	80
VL040805.D	0.353	10252023T18:12:00	VOC	0.41	100
VL040805.D	0.619	10252023T18:12:00	VOC	0.56	140
VL040805.D	0.226	10252023T18:12:00	VOC	0.27	66
VL040805.D	0	10252023T18:12:00	VOC	0.14	35
VL040805.D	0.415	10252023T18:12:00	VOC	0.35	88
VL040805.D	0.389	10252023T18:12:00	VOC	0.35	89
VL040805.D	0.439	10252023T18:12:00	VOC	0.35	87
VL040805.D	0.381	10252023T18:12:00	VOC	0.34	85
VL040805.D	0.467	10252023T18:12:00	VOC	0.46	110
VL040805.D	0.449	10252023T18:12:00	VOC	0.37	93
VL040805.D	0.35	10252023T18:12:00	VOC	0.27	67
VL040805.D	0.291	10252023T18:12:00	VOC	0.28	70
VL040805.D	0.37	10252023T18:12:00	VOC	0.45	110
VL040805.D	0.427	10252023T18:12:00	VOC	0.37	92
VL040787.D	0.04	10232023T20:32:00	VOC	0.032	110
VL040805.D	0.416	10252023T18:12:00	VOC	0.35	88
VL040805.D	0.38	10252023T18:12:00	VOC	0.31	78
VL040805.D	0.435	10252023T18:12:00	VOC	0.43	110
VL040787.D	0.05	10232023T20:32:00	VOC	0.033	110
VL040805.D	0.506	10252023T18:12:00	VOC	0.48	120
VL040805.D	0.341	10252023T18:12:00	VOC	0.43	110
VL040787.D	0.04	10232023T20:32:00	VOC	0.033	110
			VOC	0.544	136



SAMPLE DATA

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-3-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042185.D	1		03/27/25 18:22	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.40	1.98	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.37	0.76	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.22	1.24	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.50	1.52		0.58	1.52	ug/m3
142-82-5	Heptane	0.38	1.56	J	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	34.7	82.4	E	0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.36	1.25	J	0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.91	2.68		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.060	0.38		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.27	1.26	J	0.47	2.34	ug/m3
71-43-2	Benzene	0.64	2.04		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.36	1.48	J	0.37	2.05	ug/m3
108-88-3	Toluene	2.30	8.67		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-3-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042185.D	1		03/27/25 18:22	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.31	1.35	J	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	1.10	4.78		0.91	4.34	ug/m3
95-47-6	o-Xylene	0.51	2.22		0.52	2.17	ug/m3
100-42-5	Styrene	0.12	0.51	J	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.51	2.51		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	1.90	6.70		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	182000		2.791			
540-36-3	1,4-Difluorobenzene	537000		3.962			
3114-55-4	Chlorobenzene-d5	489000		8.885			
TENTATIVE IDENTIFIED COMPOUNDS							
75-45-6	Chlorodifluoromethane	0.27		J		1.48	ppbv
115-07-1	Propene	0.79		J		1.48	ppbv
000115-11-7	1-Propene, 2-methyl-	3.30		J		1.60	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-3-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042185.D	1		03/27/25 18:22	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
	unknown1.774	1.40		J		1.77	ppbv
000109-66-0	Pentane	1.80		J		1.97	ppbv
000107-83-5	Pentane, 2-methyl-	2.50		J		2.47	ppbv
000096-14-0	Pentane, 3-methyl-	1.60		J		2.63	ppbv
103-65-1	n-propylbenzene	0.10		J		11.0	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-3-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042195.D	5		03/28/25 00:06	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1.10	5.44	UD	5.44	12.4	ug/m3
74-87-3	Chloromethane	0.49	1.01	UD	1.01	5.16	ug/m3
75-01-4	Vinyl Chloride	0.070	0.18	UD	0.18	0.38	ug/m3
74-83-9	Bromomethane	0.70	2.72	UD	2.72	9.71	ug/m3
75-00-3	Chloroethane	0.85	2.24	UD	2.24	6.60	ug/m3
109-99-9	Tetrahydrofuran	0.65	1.92	UD	1.92	7.37	ug/m3
75-69-4	Trichlorofluoromethane	0.80	4.50	UD	4.50	14.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.80	6.13	UD	6.13	19.2	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.44	3.08	UD	3.08	17.5	ug/m3
75-65-0	tert-Butyl alcohol	0.95	2.88	UD	2.88	7.58	ug/m3
142-82-5	Heptane	0.55	2.25	UD	2.25	10.3	ug/m3
75-35-4	1,1-Dichloroethene	0.70	2.78	UD	2.78	9.91	ug/m3
67-64-1	Acetone	37.1	88.1	D	2.85	5.94	ug/m3
75-15-0	Carbon Disulfide	0.80	2.49	UD	2.49	7.79	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.60	2.16	UD	2.16	9.01	ug/m3
75-09-2	Methylene Chloride	1.10	3.82	JD	3.30	8.69	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.95	3.77	UD	3.77	9.91	ug/m3
75-34-3	1,1-Dichloroethane	0.65	2.63	UD	2.63	10.1	ug/m3
110-82-7	Cyclohexane	1.10	3.79	UD	3.79	8.61	ug/m3
78-93-3	2-Butanone	0.95	2.80	JD	1.77	7.37	ug/m3
56-23-5	Carbon Tetrachloride	0.060	0.38	UD	0.38	0.94	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.45	1.78	UD	1.78	9.91	ug/m3
67-66-3	Chloroform	0.42	2.05	UD	2.05	12.2	ug/m3
71-55-6	1,1,1-Trichloroethane	0.050	0.27	UD	0.27	0.82	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.50	2.34	UD	2.34	11.7	ug/m3
71-43-2	Benzene	0.57	1.82	JD	1.41	7.99	ug/m3
107-06-2	1,2-Dichloroethane	0.46	1.86	UD	1.86	10.1	ug/m3
79-01-6	Trichloroethene	0.090	0.48	UD	0.48	0.81	ug/m3
78-87-5	1,2-Dichloropropane	0.55	2.54	UD	2.54	11.6	ug/m3
75-27-4	Bromodichloromethane	0.39	2.61	UD	2.61	16.8	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.47	1.93	UD	1.93	10.3	ug/m3
108-88-3	Toluene	2.10	7.91	JD	2.07	9.42	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.30	1.36	UD	1.36	11.3	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.32	1.45	UD	1.45	11.3	ug/m3
79-00-5	1,1,2-Trichloroethane	0.36	1.96	UD	1.96	13.6	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-3-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042195.D	5		03/28/25 00:06	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.33	2.81	UD	2.81	21.3	ug/m3
106-93-4	1,2-Dibromoethane	0.36	2.77	UD	2.77	3.84	ug/m3
127-18-4	Tetrachloroethene	0.080	0.54	UD	0.54	1.02	ug/m3
108-90-7	Chlorobenzene	0.38	1.75	UD	1.75	11.5	ug/m3
100-41-4	Ethyl Benzene	0.60	2.61	UD	2.61	10.9	ug/m3
179601-23-1	m/p-Xylene	1.10	4.78	UD	4.78	21.7	ug/m3
95-47-6	o-Xylene	0.60	2.61	UD	2.61	10.9	ug/m3
100-42-5	Styrene	0.55	2.34	UD	2.34	10.6	ug/m3
75-25-2	Bromoform	0.28	2.90	UD	2.90	25.9	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.060	0.41	UD	0.41	1.03	ug/m3
95-49-8	2-Chlorotoluene	0.55	2.85	UD	2.85	12.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.55	2.70	UD	2.70	12.3	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.39	1.92	UD	1.92	12.3	ug/m3
541-73-1	1,3-Dichlorobenzene	0.40	2.40	UD	2.40	15.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.27	1.62	UD	1.62	15.0	ug/m3
95-50-1	1,2-Dichlorobenzene	0.38	2.28	UD	2.28	15.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.43	3.19	UD	3.19	18.6	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.43	4.59	UD	4.59	26.7	ug/m3
106-99-0	1,3-Butadiene	0.65	1.44	UD	1.44	5.53	ug/m3
91-20-3	Naphthalene	0.38	1.99	UD	1.99	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.60	2.95	UD	2.95	12.3	ug/m3
110-54-3	Hexane	1.60	5.64	JD	1.94	8.81	ug/m3
107-05-1	Allyl Chloride	0.75	2.35	UD	2.35	7.83	ug/m3
123-91-1	1,4-Dioxane	1.10	3.96	UD	3.96	9.01	ug/m3
80-62-6	Methyl Methacrylate	0.43	1.76	UD	1.76	10.2	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	175000		2.784			
540-36-3	1,4-Difluorobenzene	495000		3.956			
3114-55-4	Chlorobenzene-d5	449000		8.879			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-3-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042195.D	5		03/28/25 00:06	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-2-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042186.D	1		03/27/25 18:59	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.41	2.03	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.22	0.45	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.20	1.12	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.38	1.15	J	0.58	1.52	ug/m3
142-82-5	Heptane	0.49	2.01	J	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	2.40	5.70		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.35	1.22	J	0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	J	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.42	1.24	J	0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.12	0.59	J	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.37	1.73	J	0.47	2.34	ug/m3
71-43-2	Benzene	0.67	2.14		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.43	1.76	J	0.37	2.05	ug/m3
108-88-3	Toluene	2.30	8.67		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-2-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042186.D	1		03/27/25 18:59	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.39	1.69	J	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	1.40	6.08		0.91	4.34	ug/m3
95-47-6	o-Xylene	0.65	2.82		0.52	2.17	ug/m3
100-42-5	Styrene	0.13	0.55	J	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	J	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.54	2.65		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.20	0.98	J	0.59	2.46	ug/m3
110-54-3	Hexane	2.30	8.11		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	188000		2.784			
540-36-3	1,4-Difluorobenzene	538000		3.955			
3114-55-4	Chlorobenzene-d5	491000		8.878			
TENTATIVE IDENTIFIED COMPOUNDS							
75-45-6	Chlorodifluoromethane	0.24		J		1.47	ppbv
115-07-1	Propene	1.60		J		1.49	ppbv
000106-97-8	Butane	1.10		J		1.62	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-2-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042186.D	1		03/27/25 18:59	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000109-66-0	Pentane	1.70		J		1.96	ppbv
000107-83-5	Pentane, 2-methyl-	3.10		J		2.47	ppbv
000096-14-0	Pentane, 3-methyl-	1.60		J		2.62	ppbv
000096-37-7	Cyclopentane, methyl-	1.00		J		3.23	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042187.D	1		03/27/25 19:36	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.38	1.88	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.25	0.52	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.21	1.18	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.42	1.27	J	0.58	1.52	ug/m3
142-82-5	Heptane	0.51	2.09		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	3.20	7.60		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.81	2.81		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.28	0.96	J	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.54	1.59		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.31	1.45	J	0.47	2.34	ug/m3
71-43-2	Benzene	0.75	2.40		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.86	3.52		0.37	2.05	ug/m3
108-88-3	Toluene	2.60	9.80		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042187.D	1		03/27/25 19:36	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.38	1.65	J	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	1.40	6.08		0.91	4.34	ug/m3
95-47-6	o-Xylene	0.57	2.48		0.52	2.17	ug/m3
100-42-5	Styrene	2.50	10.6		0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.14	0.69	J	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.42	2.06	J	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.13	0.64	J	0.59	2.46	ug/m3
110-54-3	Hexane	2.20	7.75		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.80			70 (65) - 130 (135)	98%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	185000		2.784			
540-36-3	1,4-Difluorobenzene	524000		3.955			
3114-55-4	Chlorobenzene-d5	484000		8.878			
TENTITIVE IDENTIFIED COMPOUNDS							
75-45-6	Chlorodifluoromethane	0.35		J		1.47	ppbv
115-07-1	Propene	0.62		J		1.49	ppbv
000106-97-8	Butane	1.10		J		1.62	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	IA-B9-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042187.D	1		03/27/25 19:36	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000109-66-0	Pentane	2.20		J		1.96	ppbv
000107-83-5	Pentane, 2-methyl-	3.10		J		2.47	ppbv
000096-14-0	Pentane, 3-methyl-	1.80		J		2.62	ppbv
000096-37-7	Cyclopentane, methyl-	1.40		J		3.22	ppbv
103-65-1	n-propylbenzene	0.11		J		11.0	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	AA-2-3252025	SDG No.:	Q1669
Lab Sample ID:	Q1669-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042188.D	1		03/27/25 20:12	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.40	1.98	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.47	0.97	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.22	1.24	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.11	0.45	U	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	3.20	7.60		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.78	2.71		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.24	0.71	J	0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.31	0.99	J	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.090	0.37	U	0.37	2.05	ug/m3
108-88-3	Toluene	0.31	1.17	J	0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	AA-2-3252025	SDG No.:	Q1669
Lab Sample ID:	Q1669-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042188.D	1		03/27/25 20:12	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.12	0.52	U	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	0.21	0.91	U	0.91	4.34	ug/m3
95-47-6	o-Xylene	0.12	0.52	U	0.52	2.17	ug/m3
100-42-5	Styrene	0.11	0.47	U	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.080	0.39	U	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	1.70	5.99		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	186000		2.787			
540-36-3	1,4-Difluorobenzene	530000		3.955			
3114-55-4	Chlorobenzene-d5	475000		8.878			
TENTATIVE IDENTIFIED COMPOUNDS							
75-45-6	Chlorodifluoromethane	0.26		J		1.47	ppbv
115-07-1	Propene	0.42		J		1.49	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/27/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	AA-2-3252025	SDG No.:	Q1669
Lab Sample ID:	Q1669-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042188.D	1		03/27/25 20:12	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	1.20		J		2.47	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-3-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042197.D	1		03/28/25 01:20	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.43	2.13	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.36	0.74	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.41	1.21	J	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.23	1.29	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.40	1.64	J	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	6.20	14.7		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.74	2.57		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.40	1.38	J	0.76	1.72	ug/m3
78-93-3	2-Butanone	2.90	8.55		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.60	2.93		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.39	1.82	J	0.47	2.34	ug/m3
71-43-2	Benzene	0.55	1.76		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.090	0.37	U	0.37	2.05	ug/m3
108-88-3	Toluene	2.10	7.91		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-3-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042197.D	1		03/28/25 01:20	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.040	0.27		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.27	1.17	J	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	1.00	4.34		0.91	4.34	ug/m3
95-47-6	o-Xylene	0.36	1.56	J	0.52	2.17	ug/m3
100-42-5	Styrene	0.36	1.53	J	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.26	1.28	J	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	1.90	6.70		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.1			70 (65) - 130 (135)	101%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	173000		2.79			
540-36-3	1,4-Difluorobenzene	494000		3.965			
3114-55-4	Chlorobenzene-d5	445000		8.885			
TENTITIVE IDENTIFIED COMPOUNDS							
75-45-6	Chlorodifluoromethane	0.28		J		1.48	ppbv
115-07-1	Propene	0.63		J		1.49	ppbv
000106-97-8	Butane	14.6		J		1.62	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-3-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042197.D	1		03/28/25 01:20	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000109-66-0	Pentane	5.70		J		1.97	ppbv
	unknown2.441	1.20		J		2.44	ppbv
000107-83-5	Pentane, 2-methyl-	3.90		J		2.48	ppbv
000096-14-0	Pentane, 3-methyl-	2.00		J		2.63	ppbv
000096-37-7	Cyclopentane, methyl-	1.60		J		3.23	ppbv
000124-18-5	Decane	1.10		J		11.8	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-DUP-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042204.D	1		03/31/25 11:06	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.46	2.27	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.43	0.89	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	2.00	5.90		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.20	1.12	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	1.60	6.56		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	24.0	57.0	E	0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.51	1.77		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	1.50	5.16		0.76	1.72	ug/m3
78-93-3	2-Butanone	6.20	18.3		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	2.30	10.7		0.47	2.34	ug/m3
71-43-2	Benzene	5.60	17.9		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.40	1.64	J	0.37	2.05	ug/m3
108-88-3	Toluene	9.70	36.5		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-DUP-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042204.D	1		03/31/25 11:06	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	1.30	5.65		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	5.10	22.1		0.91	4.34	ug/m3
95-47-6	o-Xylene	1.90	8.25		0.52	2.17	ug/m3
100-42-5	Styrene	1.40	5.96		0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.43	2.11	J	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.40	6.88		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.43	2.25		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.44	2.16	J	0.59	2.46	ug/m3
110-54-3	Hexane	4.40	15.5		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.1		70 (65) - 130 (135)	101%	SPK: 10
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INTERNAL STANDARDS

74-97-5	Bromochloromethane	185000	2.806
540-36-3	1,4-Difluorobenzene	529000	3.984
3114-55-4	Chlorobenzene-d5	478000	8.907

TENTATIVE IDENTIFIED COMPOUNDS

75-45-6	Chlorodifluoromethane	0.31	J	1.48	ppbv
115-07-1	Propene	17.2	J	1.49	ppbv
000115-11-7	1-Propene, 2-methyl-	6.80	J	1.61	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-DUP-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042204.D	1		03/31/25 11:06	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000106-97-8	Butane	8.30		J		1.63	ppbv
000109-66-0	Pentane	8.80		J		1.98	ppbv
000079-29-8	Butane, 2,3-dimethyl-	3.30		J		2.45	ppbv
000107-83-5	Pentane, 2-methyl-	8.90		J		2.49	ppbv
000096-14-0	Pentane, 3-methyl-	4.90		J		2.64	ppbv
000096-37-7	Cyclopentane, methyl-	4.30		J		3.25	ppbv
000108-87-2	Cyclohexane, methyl-	2.50		J		5.71	ppbv
000108-94-1	Cyclohexanone	2.20		J		9.65	ppbv
103-65-1	n-propylbenzene	0.23		J		11.0	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-DUP-1-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-06DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042205.D	4		03/31/25 11:52	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.84	4.15	UD	4.15	9.89	ug/m3
74-87-3	Chloromethane	0.54	1.12	JD	0.81	4.13	ug/m3
75-01-4	Vinyl Chloride	0.060	0.15	UD	0.15	0.31	ug/m3
74-83-9	Bromomethane	0.56	2.17	UD	2.17	7.77	ug/m3
75-00-3	Chloroethane	0.68	1.79	UD	1.79	5.28	ug/m3
109-99-9	Tetrahydrofuran	2.10	6.19	D	1.53	5.90	ug/m3
75-69-4	Trichlorofluoromethane	0.64	3.60	UD	3.60	11.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.64	4.91	UD	4.91	15.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.35	2.45	UD	2.45	14.0	ug/m3
75-65-0	tert-Butyl alcohol	0.76	2.30	UD	2.30	6.06	ug/m3
142-82-5	Heptane	1.70	6.97	JD	1.80	8.20	ug/m3
75-35-4	1,1-Dichloroethene	0.56	2.22	UD	2.22	7.93	ug/m3
67-64-1	Acetone	22.7	53.9	D	2.28	4.75	ug/m3
75-15-0	Carbon Disulfide	0.64	1.99	UD	1.99	6.23	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.48	1.73	UD	1.73	7.21	ug/m3
75-09-2	Methylene Chloride	0.76	2.64	UD	2.64	6.95	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.76	3.01	UD	3.01	7.93	ug/m3
75-34-3	1,1-Dichloroethane	0.52	2.10	UD	2.10	8.09	ug/m3
110-82-7	Cyclohexane	1.50	5.16	JD	3.03	6.88	ug/m3
78-93-3	2-Butanone	6.40	18.9	D	1.42	5.90	ug/m3
56-23-5	Carbon Tetrachloride	0.040	0.25	UD	0.25	0.75	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.36	1.43	UD	1.43	7.93	ug/m3
67-66-3	Chloroform	0.33	1.61	UD	1.61	9.77	ug/m3
71-55-6	1,1,1-Trichloroethane	0.040	0.22	UD	0.22	0.65	ug/m3
540-84-1	2,2,4-Trimethylpentane	2.20	10.3	D	1.87	9.34	ug/m3
71-43-2	Benzene	5.70	18.2	D	1.12	6.39	ug/m3
107-06-2	1,2-Dichloroethane	0.36	1.46	UD	1.46	8.09	ug/m3
79-01-6	Trichloroethene	0.070	0.38	UD	0.38	0.64	ug/m3
78-87-5	1,2-Dichloropropane	0.44	2.03	UD	2.03	9.24	ug/m3
75-27-4	Bromodichloromethane	0.31	2.08	UD	2.08	13.4	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.37	1.52	UD	1.52	8.20	ug/m3
108-88-3	Toluene	9.50	35.8	D	1.66	7.54	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.24	1.09	UD	1.09	9.08	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.26	1.18	UD	1.18	9.08	ug/m3
79-00-5	1,1,2-Trichloroethane	0.28	1.53	UD	1.53	10.9	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-DUP-1-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-06DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042205.D	4		03/31/25 11:52	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.26	2.22	UD	2.22	17.0	ug/m3
106-93-4	1,2-Dibromoethane	0.29	2.23	UD	2.23	3.07	ug/m3
127-18-4	Tetrachloroethene	0.060	0.41	UD	0.41	0.81	ug/m3
108-90-7	Chlorobenzene	0.30	1.38	UD	1.38	9.21	ug/m3
100-41-4	Ethyl Benzene	1.30	5.65	JD	2.08	8.69	ug/m3
179601-23-1	m/p-Xylene	4.80	20.9	D	3.65	17.4	ug/m3
95-47-6	o-Xylene	1.70	7.38	JD	2.08	8.69	ug/m3
100-42-5	Styrene	1.20	5.11	JD	1.87	8.52	ug/m3
75-25-2	Bromoform	0.23	2.38	UD	2.38	20.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.27	UD	0.27	0.82	ug/m3
95-49-8	2-Chlorotoluene	0.44	2.28	UD	2.28	10.4	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.44	2.16	UD	2.16	9.83	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.10	5.41	JD	1.52	9.83	ug/m3
541-73-1	1,3-Dichlorobenzene	0.32	1.92	UD	1.92	12.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.21	1.26	UD	1.26	12.0	ug/m3
95-50-1	1,2-Dichlorobenzene	0.30	1.80	UD	1.80	12.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.34	2.52	UD	2.52	14.8	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.34	3.63	UD	3.63	21.3	ug/m3
106-99-0	1,3-Butadiene	0.52	1.15	UD	1.15	4.42	ug/m3
91-20-3	Naphthalene	0.30	1.57	UD	1.57	2.10	ug/m3
622-96-8	4-Ethyltoluene	0.48	2.36	UD	2.36	9.83	ug/m3
110-54-3	Hexane	4.40	15.5	D	1.55	7.05	ug/m3
107-05-1	Allyl Chloride	0.60	1.88	UD	1.88	6.26	ug/m3
123-91-1	1,4-Dioxane	0.84	3.03	UD	3.03	7.21	ug/m3
80-62-6	Methyl Methacrylate	0.34	1.39	UD	1.39	8.19	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.80			70 (65) - 130 (135)	98%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	189000		2.803			
540-36-3	1,4-Difluorobenzene	537000		3.985			
3114-55-4	Chlorobenzene-d5	481000		8.908			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-DUP-1-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-06DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042205.D	4		03/31/25 11:52	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042198.D	1		03/28/25 01:57	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.52	2.57		1.04	2.47	ug/m3
74-87-3	Chloromethane	0.14	0.29	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.47	1.39	J	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.20	1.12	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.63	1.91		0.58	1.52	ug/m3
142-82-5	Heptane	0.32	1.31	J	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	35.4	84.1	E	0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	1.50	5.21		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	2.30	6.78		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.040	0.25		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.11	0.54	J	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.050	0.27		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.24	1.12	J	0.47	2.34	ug/m3
71-43-2	Benzene	0.45	1.44	J	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.080	0.43		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	1.60	6.56		0.37	2.05	ug/m3
108-88-3	Toluene	6.10	23.0		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042198.D	1		03/28/25 01:57	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.15	1.02		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.54	2.35		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	2.00	8.69		0.91	4.34	ug/m3
95-47-6	o-Xylene	0.86	3.74		0.52	2.17	ug/m3
100-42-5	Styrene	0.78	3.32		0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.20	0.98	J	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.49	2.41	J	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	1.10	3.88		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			70 (65) - 130 (135)	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	175000		2.79			
540-36-3	1,4-Difluorobenzene	504000		3.962			
3114-55-4	Chlorobenzene-d5	457000		8.881			
TENTITIVE IDENTIFIED COMPOUNDS							
115-07-1	Propene	0.88		J		1.48	ppbv
000115-11-7	1-Propene, 2-methyl-	2.30		J		1.60	ppbv
000106-97-8	Butane	1.20		J		1.62	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-1-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042198.D	1		03/28/25 01:57	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000109-66-0	Pentane	1.00		J		1.97	ppbv
000107-83-5	Pentane, 2-methyl-	1.30		J		2.48	ppbv
103-65-1	n-propylbenzene	0.15		J		11.0	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-1-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-07DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042192.D	10		03/27/25 22:29	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	2.10	10.4	UD	10.4	24.7	ug/m3
74-87-3	Chloromethane	0.98	2.02	UD	2.02	10.3	ug/m3
75-01-4	Vinyl Chloride	0.14	0.36	UD	0.36	0.77	ug/m3
74-83-9	Bromomethane	1.40	5.44	UD	5.44	19.4	ug/m3
75-00-3	Chloroethane	1.70	4.49	UD	4.49	13.2	ug/m3
109-99-9	Tetrahydrofuran	1.30	3.83	UD	3.83	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1.60	8.99	UD	8.99	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	12.3	UD	12.3	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.88	6.15	UD	6.15	35.0	ug/m3
75-65-0	tert-Butyl alcohol	1.90	5.76	UD	5.76	15.2	ug/m3
142-82-5	Heptane	1.10	4.51	UD	4.51	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1.40	5.55	UD	5.55	19.8	ug/m3
67-64-1	Acetone	38.3	91.0	D	5.70	11.9	ug/m3
75-15-0	Carbon Disulfide	1.60	4.98	UD	4.98	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1.20	4.33	UD	4.33	18.0	ug/m3
75-09-2	Methylene Chloride	2.40	8.34	JD	6.60	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.90	7.53	UD	7.53	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1.30	5.26	UD	5.26	20.2	ug/m3
110-82-7	Cyclohexane	2.20	7.57	UD	7.57	17.2	ug/m3
78-93-3	2-Butanone	2.40	7.08	JD	3.54	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.11	0.69	UD	0.69	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.89	3.53	UD	3.53	19.8	ug/m3
67-66-3	Chloroform	0.83	4.05	UD	4.05	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.10	0.55	UD	0.55	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1.00	4.67	UD	4.67	23.4	ug/m3
71-43-2	Benzene	0.87	2.78	UD	2.78	16.0	ug/m3
107-06-2	1,2-Dichloroethane	0.91	3.68	UD	3.68	20.2	ug/m3
79-01-6	Trichloroethene	0.17	0.91	UD	0.91	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1.10	5.08	UD	5.08	23.1	ug/m3
75-27-4	Bromodichloromethane	0.77	5.16	UD	5.16	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1.70	6.97	JD	3.81	20.5	ug/m3
108-88-3	Toluene	5.70	21.5	D	4.15	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.60	2.72	UD	2.72	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.64	2.91	UD	2.91	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	0.71	3.87	UD	3.87	27.3	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-1-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-07DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042192.D	10		03/27/25 22:29	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.66	5.62	UD	5.62	42.6	ug/m3
106-93-4	1,2-Dibromoethane	0.72	5.53	UD	5.53	7.69	ug/m3
127-18-4	Tetrachloroethene	0.15	1.02	UD	1.02	2.03	ug/m3
108-90-7	Chlorobenzene	0.76	3.50	UD	3.50	23.0	ug/m3
100-41-4	Ethyl Benzene	1.20	5.21	UD	5.21	21.7	ug/m3
179601-23-1	m/p-Xylene	2.10	9.12	UD	9.12	43.4	ug/m3
95-47-6	o-Xylene	1.20	5.21	UD	5.21	21.7	ug/m3
100-42-5	Styrene	1.10	4.68	UD	4.68	21.3	ug/m3
75-25-2	Bromoform	0.57	5.89	UD	5.89	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.11	0.76	UD	0.76	2.06	ug/m3
95-49-8	2-Chlorotoluene	1.10	5.70	UD	5.70	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1.10	5.41	UD	5.41	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.78	3.83	UD	3.83	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	0.80	4.81	UD	4.81	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	0.53	3.19	UD	3.19	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	0.75	4.51	UD	4.51	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.85	6.31	UD	6.31	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.85	9.07	UD	9.07	53.3	ug/m3
106-99-0	1,3-Butadiene	1.30	2.88	UD	2.88	11.1	ug/m3
91-20-3	Naphthalene	0.75	3.93	UD	3.93	5.24	ug/m3
622-96-8	4-Ethyltoluene	1.20	5.90	UD	5.90	24.6	ug/m3
110-54-3	Hexane	1.10	3.88	UD	3.88	17.6	ug/m3
107-05-1	Allyl Chloride	1.50	4.70	UD	4.70	15.7	ug/m3
123-91-1	1,4-Dioxane	2.10	7.57	UD	7.57	18.0	ug/m3
80-62-6	Methyl Methacrylate	0.86	3.52	UD	3.52	20.5	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	183000		2.787			
540-36-3	1,4-Difluorobenzene	517000		3.959			
3114-55-4	Chlorobenzene-d5	472000		8.882			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-1-3262025DL	SDG No.:	Q1669
Lab Sample ID:	Q1669-07DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042192.D	10		03/27/25 22:29	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-2-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-08	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042199.D	1		03/28/25 02:33	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.42	2.08	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.10	0.21	U	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.18	1.01	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.14	0.57	J	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	10.8	25.6		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.66	2.29		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.63	1.86		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.040	0.25		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	1.30	6.35		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.24	0.77	J	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	3.40	13.9		0.37	2.05	ug/m3
108-88-3	Toluene	2.90	10.9		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-2-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-08	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042199.D	1		03/28/25 02:33	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.19	1.29		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.10	0.46	J	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.25	1.09	J	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	1.20	5.21		0.91	4.34	ug/m3
95-47-6	o-Xylene	0.45	1.95	J	0.52	2.17	ug/m3
100-42-5	Styrene	0.37	1.58	J	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.14	0.69	J	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.32	1.57	J	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.13	0.64	J	0.59	2.46	ug/m3
110-54-3	Hexane	0.56	1.97		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.1		70 (65) - 130 (135)	101%	SPK: 10
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INTERNAL STANDARDS

74-97-5	Bromochloromethane	181000	2.787
540-36-3	1,4-Difluorobenzene	509000	3.959
3114-55-4	Chlorobenzene-d5	458000	8.882

TENTATIVE IDENTIFIED COMPOUNDS

75-45-6	Chlorodifluoromethane	0.21	J	1.47	ppbv
115-07-1	Propene	0.16	J	1.48	ppbv
	unknown1.557	1.30	J	1.56	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	SSSG-B16-2-3262025	SDG No.:	Q1669
Lab Sample ID:	Q1669-08	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042199.D	1		03/28/25 02:33	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000626-93-7	2-Hexanol	5.20		J		6.74	ppbv
1000101-47-9	1-Iodo-2-methylnonane	1.20		J		12.2	ppbv
001120-21-4	Undecane	1.30		J		12.4	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	AA-3-3252025	SDG No.:	Q1669
Lab Sample ID:	Q1669-09	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042189.D	1		03/27/25 20:48	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.45	2.23	J	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.44	0.91	J	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.22	1.24	J	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.11	0.45	U	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	2.50	5.94		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	7.00	24.3		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.18	0.53	J	0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.13	0.42	J	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.090	0.37	U	0.37	2.05	ug/m3
108-88-3	Toluene	0.34	1.28	J	0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	AA-3-3252025	SDG No.:	Q1669
Lab Sample ID:	Q1669-09	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042189.D	1		03/27/25 20:48	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.12	0.52	U	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	0.21	0.91	U	0.91	4.34	ug/m3
95-47-6	o-Xylene	0.12	0.52	U	0.52	2.17	ug/m3
100-42-5	Styrene	0.11	0.47	U	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.29	1.43	J	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	4.50	15.9		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	185000		2.787			
540-36-3	1,4-Difluorobenzene	523000		3.962			
3114-55-4	Chlorobenzene-d5	477000		8.882			
TENTATIVE IDENTIFIED COMPOUNDS							
75-45-6	Chlorodifluoromethane	0.43		J		1.48	ppbv
115-07-1	Propene	0.29		J		1.49	ppbv

Report of Analysis

Client:	Woodard & Curran	Date Collected:	03/26/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	03/27/25
Client Sample ID:	AA-3-3252025	SDG No.:	Q1669
Lab Sample ID:	Q1669-09	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042189.D	1		03/27/25 20:48	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
000096-14-0	Pentane, 3-methyl-	1.20		J		2.63	ppbv
000096-37-7	Cyclopentane, methyl-	1.40		J		3.23	ppbv

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements



QC SUMMARY

Surrogate Summary

SDG No.: Q1669

Client: Woodard & Curran

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1669-01	IA-B9-3-3262025	1-Bromo-4-Fluorobenzene	10	9.95	99	70 (65)	130 (135)
Q1669-01DL	IA-B9-3-3262025DL	1-Bromo-4-Fluorobenzene	10	9.90	99	70 (65)	130 (135)
Q1669-01DUP	IA-B9-3-3262025DUP	1-Bromo-4-Fluorobenzene	10	10.1	101	70 (65)	130 (135)
Q1669-02	IA-B9-2-3262025	1-Bromo-4-Fluorobenzene	10	9.91	99	70 (65)	130 (135)
Q1669-03	IA-B9-1-3262025	1-Bromo-4-Fluorobenzene	10	9.80	98	70 (65)	130 (135)
Q1669-04	AA-2-3252025	1-Bromo-4-Fluorobenzene	10	9.93	99	70 (65)	130 (135)
Q1669-05	SSSG-B16-3-3262025	1-Bromo-4-Fluorobenzene	10	10.1	101	70 (65)	130 (135)
Q1669-06	SSSG-DUP-1-3262025	1-Bromo-4-Fluorobenzene	10	10.1	101	70 (65)	130 (135)
Q1669-06DL	SSSG-DUP-1-3262025DL	1-Bromo-4-Fluorobenzene	10	9.84	98	70 (65)	130 (135)
Q1669-06DUP	SSSG-DUP-1-3262025DUP	1-Bromo-4-Fluorobenzene	10	9.85	99	70 (65)	130 (135)
Q1669-07	SSSG-B16-1-3262025	1-Bromo-4-Fluorobenzene	10	10.0	100	70 (65)	130 (135)
Q1669-07DL	SSSG-B16-1-3262025DL	1-Bromo-4-Fluorobenzene	10	9.90	99	70 (65)	130 (135)
Q1669-08	SSSG-B16-2-3262025	1-Bromo-4-Fluorobenzene	10	10.1	101	70 (65)	130 (135)
Q1669-09	AA-3-3252025	1-Bromo-4-Fluorobenzene	10	9.88	99	70 (65)	130 (135)
Q1669-09DUP	AA-3-3252025DUP	1-Bromo-4-Fluorobenzene	10	9.96	100	70 (65)	130 (135)
VL0327ABL01	VL0327ABL01	1-Bromo-4-Fluorobenzene	10	9.93	99	70 (65)	130 (135)
VL0327ABS01	VL0327ABS01	1-Bromo-4-Fluorobenzene	10	9.93	99	70 (65)	130 (135)
VL0331ABL01	VL0331ABL01	1-Bromo-4-Fluorobenzene	10	9.95	99	70 (65)	130 (135)
VL0331ABS01	VL0331ABS01	1-Bromo-4-Fluorobenzene	10	10.3	103	70 (65)	130 (135)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1669

Client: Woodard & Curran

Analytical Method: SWTO-15

Datafile : VL042181.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL0327ABS01	Dichlorodifluoromethane	10	9.90	ppbv	99			40 (70)	160 (130)	
	Chloromethane	10	9.60	ppbv	96			40 (70)	160 (130)	
	Vinyl Chloride	10	8.60	ppbv	86			70 (70)	130 (130)	
	Bromomethane	10	8.90	ppbv	89			40 (70)	160 (130)	
	Chloroethane	10	9.30	ppbv	93			40 (70)	160 (130)	
	Tetrahydrofuran	10	9.40	ppbv	94			70 (70)	130 (130)	
	Trichlorofluoromethane	10	9.70	ppbv	97			40 (70)	160 (130)	
	1,1,2-Trichlorotrifluoroethane	10	9.10	ppbv	91			70 (70)	130 (130)	
	Dichlorotetrafluoroethane	10	10.0	ppbv	100			70 (70)	130 (130)	
	tert-Butyl Alcohol	10	9.20	ppbv	92			70 (70)	130 (130)	
	Heptane	10	9.50	ppbv	95			70 (70)	130 (130)	
	1,1-Dichloroethene	10	9.10	ppbv	91			70 (70)	130 (130)	
	Acetone	10	8.40	ppbv	84			40 (70)	160 (130)	
	Carbon disulfide	10	9.20	ppbv	92			40 (70)	160 (130)	
	Methyl tert-butyl Ether	10	10.3	ppbv	103			70 (70)	130 (130)	
	Methylene Chloride	10	8.10	ppbv	81			70 (70)	130 (130)	
	trans-1,2-Dichloroethene	10	9.10	ppbv	91			70 (70)	130 (130)	
	1,1-Dichloroethane	10	9.70	ppbv	97			70 (70)	130 (130)	
	Cyclohexane	10	9.60	ppbv	96			70 (70)	130 (130)	
	2-Butanone	10	9.20	ppbv	92			40 (70)	160 (130)	
	Carbon Tetrachloride	10	9.60	ppbv	96			70 (70)	130 (130)	
	cis-1,2-Dichloroethene	10	9.80	ppbv	98			70 (70)	130 (130)	
	Chloroform	10	9.90	ppbv	99			70 (70)	130 (130)	
	1,1,1-Trichloroethane	10	9.20	ppbv	92			70 (70)	130 (130)	
	2,2,4-Trimethylpentane	10	9.50	ppbv	95			70 (70)	130 (130)	
	Benzene	10	9.50	ppbv	95			70 (70)	130 (130)	
	1,2-Dichloroethane	10	10.1	ppbv	101			70 (70)	130 (130)	
	Trichloroethene	10	9.40	ppbv	94			70 (70)	130 (130)	
	1,2-Dichloropropane	10	9.40	ppbv	94			70 (70)	130 (130)	
	Bromodichloromethane	10	10.0	ppbv	100			70 (70)	130 (130)	
	4-Methyl-2-Pentanone	10	8.70	ppbv	87			40 (70)	160 (130)	
	Toluene	10	9.50	ppbv	95			70 (70)	130 (130)	
	t-1,3-Dichloropropene	10	9.40	ppbv	94			70 (70)	130 (130)	
	cis-1,3-Dichloropropene	10	9.40	ppbv	94			70 (70)	130 (130)	
	1,1,2-Trichloroethane	10	9.50	ppbv	95			70 (70)	130 (130)	
	Dibromochloromethane	10	9.90	ppbv	99			70 (70)	130 (130)	
	1,2-Dibromoethane	10	9.60	ppbv	96			70 (70)	130 (130)	
	Tetrachloroethene	10	8.80	ppbv	88			70 (70)	130 (130)	
	Chlorobenzene	10	9.50	ppbv	95			70 (70)	130 (130)	
	Ethyl Benzene	10	9.60	ppbv	96			70 (70)	130 (130)	
	m/p-Xylene	20	19.0	ppbv	95			70 (70)	130 (130)	
	o-Xylene	10	9.50	ppbv	95			70 (70)	130 (130)	
	Styrene	10	9.60	ppbv	96			70 (70)	130 (130)	
	Bromoform	10	10.0	ppbv	100			70 (70)	130 (130)	
	1,1,2,2-Tetrachloroethane	10	9.50	ppbv	95			70 (70)	130 (130)	
	2-Chlorotoluene	10	9.60	ppbv	96			70 (70)	130 (130)	
	1,3,5-Trimethylbenzene	10	9.50	ppbv	95			70 (70)	130 (130)	
	1,2,4-Trimethylbenzene	10	8.90	ppbv	89			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1669
Client: Woodard & Curran
Analytical Method: SWTO-15 Datafile : VL042181.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL0327ABS01	1,3-Dichlorobenzene	10	9.40	ppbv	94			70 (70)	130 (130)	
	1,4-Dichlorobenzene	10	9.50	ppbv	95			70 (70)	130 (130)	
	1,2-Dichlorobenzene	10	9.30	ppbv	93			70 (70)	130 (130)	
	1,2,4-Trichlorobenzene	10	8.80	ppbv	88			70 (70)	130 (130)	
	Hexachloro-1,3-butadiene	10	7.90	ppbv	79			70 (70)	130 (130)	
	Naphthalene	10	8.70	ppbv	87			40 (70)	160 (130)	
	1,3-Butadiene	10	8.70	ppbv	87			70 (70)	130 (130)	
	4-Ethyltoluene	10	9.60	ppbv	96			70 (70)	130 (130)	
	Hexane	10	9.60	ppbv	96			70 (70)	130 (130)	
	Allyl Chloride	10	9.00	ppbv	90			70 (70)	130 (130)	
	1,4-Dioxane	10	8.90	ppbv	89			40 (70)	160 (130)	
	Methyl methacrylate	10	9.40	ppbv	94			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1669

Client: Woodard & Curran

Analytical Method: SWTO-15

Datafile : VL042203.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL0331ABS01	Dichlorodifluoromethane	10	10.4	ppbv	104			40 (70)	160 (130)	
	Chloromethane	10	9.70	ppbv	97			40 (70)	160 (130)	
	Vinyl Chloride	10	8.70	ppbv	87			70 (70)	130 (130)	
	Bromomethane	10	9.10	ppbv	91			40 (70)	160 (130)	
	Chloroethane	10	9.30	ppbv	93			40 (70)	160 (130)	
	Tetrahydrofuran	10	9.30	ppbv	93			70 (70)	130 (130)	
	Trichlorofluoromethane	10	10.3	ppbv	103			40 (70)	160 (130)	
	1,1,2-Trichlorotrifluoroethane	10	9.70	ppbv	97			70 (70)	130 (130)	
	Dichlorotetrafluoroethane	10	10.3	ppbv	103			70 (70)	130 (130)	
	tert-Butyl Alcohol	10	9.00	ppbv	90			70 (70)	130 (130)	
	Heptane	10	9.20	ppbv	92			70 (70)	130 (130)	
	1,1-Dichloroethene	10	9.20	ppbv	92			70 (70)	130 (130)	
	Acetone	10	8.90	ppbv	89			40 (70)	160 (130)	
	Carbon disulfide	10	9.30	ppbv	93			40 (70)	160 (130)	
	Methyl tert-butyl Ether	10	11.0	ppbv	110			70 (70)	130 (130)	
	Methylene Chloride	10	8.40	ppbv	84			70 (70)	130 (130)	
	trans-1,2-Dichloroethene	10	9.20	ppbv	92			70 (70)	130 (130)	
	1,1-Dichloroethane	10	10.0	ppbv	100			70 (70)	130 (130)	
	Cyclohexane	10	9.40	ppbv	94			70 (70)	130 (130)	
	2-Butanone	10	9.50	ppbv	95			40 (70)	160 (130)	
	Carbon Tetrachloride	10	10.6	ppbv	106			70 (70)	130 (130)	
	cis-1,2-Dichloroethene	10	10.0	ppbv	100			70 (70)	130 (130)	
	Chloroform	10	10.6	ppbv	106			70 (70)	130 (130)	
	1,1,1-Trichloroethane	10	9.80	ppbv	98			70 (70)	130 (130)	
	2,2,4-Trimethylpentane	10	9.50	ppbv	95			70 (70)	130 (130)	
	Benzene	10	9.80	ppbv	98			70 (70)	130 (130)	
	1,2-Dichloroethane	10	11.0	ppbv	110			70 (70)	130 (130)	
	Trichloroethene	10	9.70	ppbv	97			70 (70)	130 (130)	
	1,2-Dichloropropane	10	9.70	ppbv	97			70 (70)	130 (130)	
	Bromodichloromethane	10	10.8	ppbv	108			70 (70)	130 (130)	
	4-Methyl-2-Pentanone	10	8.60	ppbv	86			40 (70)	160 (130)	
	Toluene	10	9.60	ppbv	96			70 (70)	130 (130)	
	t-1,3-Dichloropropene	10	9.10	ppbv	91			70 (70)	130 (130)	
	cis-1,3-Dichloropropene	10	9.40	ppbv	94			70 (70)	130 (130)	
	1,1,2-Trichloroethane	10	10.2	ppbv	102			70 (70)	130 (130)	
	Dibromochloromethane	10	10.6	ppbv	106			70 (70)	130 (130)	
	1,2-Dibromoethane	10	10.3	ppbv	103			70 (70)	130 (130)	
	Tetrachloroethene	10	9.00	ppbv	90			70 (70)	130 (130)	
	Chlorobenzene	10	10.4	ppbv	104			70 (70)	130 (130)	
	Ethyl Benzene	10	10.1	ppbv	101			70 (70)	130 (130)	
	m/p-Xylene	20	20.6	ppbv	103			70 (70)	130 (130)	
	o-Xylene	10	10.4	ppbv	104			70 (70)	130 (130)	
	Styrene	10	10.1	ppbv	101			70 (70)	130 (130)	
	Bromoform	10	10.3	ppbv	103			70 (70)	130 (130)	
	1,1,2,2-Tetrachloroethane	10	10.4	ppbv	104			70 (70)	130 (130)	
	2-Chlorotoluene	10	10.3	ppbv	103			70 (70)	130 (130)	
	1,3,5-Trimethylbenzene	10	10.4	ppbv	104			70 (70)	130 (130)	
	1,2,4-Trimethylbenzene	10	9.80	ppbv	98			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1669
Client: Woodard & Curran
Analytical Method: SWTO-15 **Datafile :** VL042203.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VL0331ABS01	1,3-Dichlorobenzene	10	10.5	ppbv	105			70 (70)	130 (130)	
	1,4-Dichlorobenzene	10	10.5	ppbv	105			70 (70)	130 (130)	
	1,2-Dichlorobenzene	10	10.6	ppbv	106			70 (70)	130 (130)	
	1,2,4-Trichlorobenzene	10	9.30	ppbv	93			70 (70)	130 (130)	
	Hexachloro-1,3-butadiene	10	8.40	ppbv	84			70 (70)	130 (130)	
	Naphthalene	10	9.50	ppbv	95			40 (70)	160 (130)	
	1,3-Butadiene	10	8.70	ppbv	87			70 (70)	130 (130)	
	4-Ethyltoluene	10	10.5	ppbv	105			70 (70)	130 (130)	
	Hexane	10	9.50	ppbv	95			70 (70)	130 (130)	
	Allyl Chloride	10	8.90	ppbv	89			70 (70)	130 (130)	
	1,4-Dioxane	10	8.90	ppbv	89			40 (70)	160 (130)	
	Methyl methacrylate	10	9.20	ppbv	92			70 (70)	130 (130)	

() = LABORATORY INHOUSE LIMIT

Duplicate Sample Summary

Lab Sample Id :	Q1669-01DUP	Q1669-01
Client Id :	IA-B9-3-3262025DUP	IA-B9-3-3262025
DF :	1	1
Datafile :	VL042196.D	VL042185.D
Anal Date & Time :	03/28/2025 00:44	03/27/2025 18:22

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0.49	0.51	4
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0.16	0	200 *
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0.26	0.27	3.8
2-Butanone	0.93	0.91	2.2
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0.35	0.36	2.8
Acetone	36.2	34.7	4.2
Allyl Chloride	0	0	0
Benzene	0.62	0.64	3.2
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.07	0.06	15.4

Duplicate Sample Summary

Lab Sample Id :	Q1669-01DUP	Q1669-01
Client Id :	IA-B9-3-3262025DUP	IA-B9-3-3262025
DF :	1	1
Datafile :	VL042196.D	VL042185.D
Anal Date & Time :	03/28/2025 00:44	03/27/2025 18:22

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.37	0.37	0
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0.18	0	200 *
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.42	0.4	4.9
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	0.28	0.31	10.2
Heptane	0.36	0.38	5.4
Hexachloro-1,3-Butadiene	0	0	0
Hexane	1.8	1.9	5.4
m/p-Xylene	1.1	1.1	0
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	0.36	0.36	0
Naphthalene	0	0	0
o-Xylene	0.49	0.51	4
Styrene	0.11	0.12	8.7
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0.52	0.5	3.9
Tetrachloroethene	0	0	0
Tetrahydrofuran	0	0	0
Toluene	2.3	2.3	0
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.22	0.22	0
Vinyl Chloride	0	0	0

Duplicate Sample Summary

Lab Sample Id :	Q1669-06DUP	Q1669-06
Client Id :	SSSG-DUP-1-3262025DUF	SSSG-DUP-1-3262025
DF :	1	1
Datafile :	VL042206.D	VL042204.D
Anal Date & Time :	03/31/2025 12:26	03/31/2025 11:06

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	1.3	1.4	7.4
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0.43	0.43	0
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	2.3	2.3	0
2-Butanone	6.4	6.2	3.2
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0.43	0.44	2.3
4-Methyl-2-Pentanone	0.41	0.4	2.5
Acetone	22.2	24	7.8
Allyl Chloride	0	0	0
Benzene	5.8	5.6	3.5
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.07	0.07	0

Duplicate Sample Summary

Lab Sample Id :	Q1669-06DUP	Q1669-06
Client Id :	SSSG-DUP-1-3262025DUF	SSSG-DUP-1-3262025
DF :	1	1
Datafile :	VL042206.D	VL042204.D
Anal Date & Time :	03/31/2025 12:26	03/31/2025 11:06

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.42	0.43	2.4
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	1.5	1.5	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.45	0.46	2.2
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	1.4	1.3	7.4
Heptane	1.7	1.6	6.1
Hexachloro-1,3-Butadiene	0	0	0
Hexane	4.6	4.4	4.4
m/p-Xylene	5.1	5.1	0
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	0.53	0.51	3.8
Naphthalene	0.37	0.43	15
o-Xylene	1.9	1.9	0
Styrene	1.4	1.4	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0	0	0
Tetrachloroethene	0.04	0	200 *
Tetrahydrofuran	1.9	2	5.1
Toluene	10	9.7	3
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.19	0.2	5.1
Vinyl Chloride	0	0	0

Duplicate Sample Summary

Lab Sample Id :	Q1669-09DUP	Q1669-09
Client Id :	AA-3-3252025DUP	AA-3-3252025
DF :	1	1
Datafile :	VL042190.D	VL042189.D
Anal Date & Time :	03/27/2025 21:24	03/27/2025 20:48

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0.29	0.29	0
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0	0	0
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0	0	0
2-Butanone	0.23	0.18	24.4 *
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0	0	0
Acetone	2.3	2.5	8.3
Allyl Chloride	0	0	0
Benzene	0.15	0.13	14.3
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.07	0.07	0

Duplicate Sample Summary

Lab Sample Id :	Q1669-09DUP	Q1669-09
Client Id :	AA-3-3252025DUP	AA-3-3252025
DF :	1	1
Datafile :	VL042190.D	VL042189.D
Anal Date & Time :	03/27/2025 21:24	03/27/2025 20:48

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.45	0.44	2.2
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0	0	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.43	0.45	4.5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	0	0	0
Heptane	0	0	0
Hexachloro-1,3-Butadiene	0	0	0
Hexane	3.9	4.5	14.3
m/p-Xylene	0.13	0	200 *
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	6.4	7	9
Naphthalene	0	0	0
o-Xylene	0	0	0
Styrene	0	0	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0	0	0
Tetrachloroethene	0	0	0
Tetrahydrofuran	0	0	0
Toluene	0.33	0.34	3
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.2	0.22	9.5
Vinyl Chloride	0	0	0

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0327ABL01

Lab Name: CHEMTECH

Contract: WOOD06

Lab Code: CHEM Case No.: Q1669

SAS No.: Q1669 SDG NO.: Q1669

Lab File ID: VL042180.D

Lab Sample ID: VL0327ABL01

Date Analyzed: 03/27/2025

Time Analyzed: 13:50

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL0327ABS01	VL0327ABS01	VL042181.D	03/27/2025
IA-B9-3-3262025	Q1669-01	VL042185.D	03/27/2025
IA-B9-2-3262025	Q1669-02	VL042186.D	03/27/2025
IA-B9-1-3262025	Q1669-03	VL042187.D	03/27/2025
AA-2-3252025	Q1669-04	VL042188.D	03/27/2025
AA-3-3252025	Q1669-09	VL042189.D	03/27/2025
AA-3-3252025DUP	Q1669-09DUP	VL042190.D	03/27/2025
SSSG-B16-1-3262025DL	Q1669-07DL	VL042192.D	03/27/2025
IA-B9-3-3262025DL	Q1669-01DL	VL042195.D	03/28/2025
IA-B9-3-3262025DUP	Q1669-01DUP	VL042196.D	03/28/2025
SSSG-B16-3-3262025	Q1669-05	VL042197.D	03/28/2025
SSSG-B16-1-3262025	Q1669-07	VL042198.D	03/28/2025
SSSG-B16-2-3262025	Q1669-08	VL042199.D	03/28/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0331ABL01

Lab Name: CHEMTECH

Contract: WOOD06

Lab Code: CHEM Case No.: Q1669

SAS No.: Q1669 SDG NO.: Q1669

Lab File ID: VL042202.D

Lab Sample ID: VL0331ABL01

Date Analyzed: 03/31/2025

Time Analyzed: 09:34

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL0331ABS01	VL0331ABS01	VL042203.D	03/31/2025
SSSG-DUP-1-3262025	Q1669-06	VL042204.D	03/31/2025
SSSG-DUP-1-3262025DL	Q1669-06DL	VL042205.D	03/31/2025
SSSG-DUP-1-3262025DUP	Q1669-06DUP	VL042206.D	03/31/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WOOD06
Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG NO.: Q1669
Lab File ID: VL042171.D BFB Injection Date: 03/27/2025
Instrument ID: MSVOA_L BFB Injection Time: 07:44
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23
75	30.0 - 66.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	63.8
175	4.0 - 9.0% of mass 174	5.1 (8) 1
176	93.0 - 101.0% of mass 174	61.1 (95.7) 1
177	5.0 - 9.0% of mass 176	4.2 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL042172.D	03/27/2025	08:26
VSTDICCC002	VSTDICCC002	VL042173.D	03/27/2025	08:59
VSTDICCC001	VSTDICCC001	VL042174.D	03/27/2025	09:30
VSTDICCC0.5	VSTDICCC0.5	VL042175.D	03/27/2025	10:01
VSTDICCC0.1	VSTDICCC0.1	VL042176.D	03/27/2025	10:32
VSTDICCC0.03	VSTDICCC0.03	VL042177.D	03/27/2025	11:03
VSTDICCC015	VSTDICCC015	VL042178.D	03/27/2025	11:36
VL0327ABL01	VL0327ABL01	VL042180.D	03/27/2025	13:50
VL0327ABS01	VL0327ABS01	VL042181.D	03/27/2025	14:39
IA-B9-3-3262025	Q1669-01	VL042185.D	03/27/2025	18:22
IA-B9-2-3262025	Q1669-02	VL042186.D	03/27/2025	18:59
IA-B9-1-3262025	Q1669-03	VL042187.D	03/27/2025	19:36
AA-2-3252025	Q1669-04	VL042188.D	03/27/2025	20:12
AA-3-3252025	Q1669-09	VL042189.D	03/27/2025	20:48
AA-3-3252025DUP	Q1669-09DUP	VL042190.D	03/27/2025	21:24
SSSG-B16-1-3262025DL	Q1669-07DL	VL042192.D	03/27/2025	22:29
IA-B9-3-3262025DL	Q1669-01DL	VL042195.D	03/28/2025	00:06
IA-B9-3-3262025DUP	Q1669-01DUP	VL042196.D	03/28/2025	00:44

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WOOD06
Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG NO.: Q1669
Lab File ID: VL042171.D BFB Injection Date: 03/27/2025
Instrument ID: MSVOA_L BFB Injection Time: 07:44
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23
75	30.0 - 66.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	63.8
175	4.0 - 9.0% of mass 174	5.1 (8) 1
176	93.0 - 101.0% of mass 174	61.1 (95.7) 1
177	5.0 - 9.0% of mass 176	4.2 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSSG-B16-3-3262025	Q1669-05	VL042197.D	03/28/2025	01:20
SSSG-B16-1-3262025	Q1669-07	VL042198.D	03/28/2025	01:57
SSSG-B16-2-3262025	Q1669-08	VL042199.D	03/28/2025	02:33

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: WOOD06
Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG NO.: Q1669
Lab File ID: VL042200.D BFB Injection Date: 03/31/2025
Instrument ID: MSVOA_L BFB Injection Time: 08:09
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	25.4
75	30.0 - 66.0% of mass 95	61.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (0.5) 1
174	50.0 - 120.0% of mass 95	59.4
175	4.0 - 9.0% of mass 174	4.5 (7.6) 1
176	93.0 - 101.0% of mass 174	57.9 (97.6) 1
177	5.0 - 9.0% of mass 176	3.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL042201.D	03/31/2025	08:51
VL0331ABL01	VL0331ABL01	VL042202.D	03/31/2025	09:34
VL0331ABS01	VL0331ABS01	VL042203.D	03/31/2025	10:17
SSSG-DUP-1-3262025	Q1669-06	VL042204.D	03/31/2025	11:06
SSSG-DUP-1-3262025DL	Q1669-06DL	VL042205.D	03/31/2025	11:52
SSSG-DUP-1-3262025DUP	Q1669-06DUP	VL042206.D	03/31/2025	12:26

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: WOOD06
Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG NO.: Q1669
Lab File ID: VL042172.D Date Analyzed: 03/27/2025
Instrument ID: MSVOA_L Time Analyzed: 08:26
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	187002	2.78	545068	3.95	519536	8.88
UPPER LIMIT	261803	3.11	763095	4.28	727350	9.21
LOWER LIMIT	112201	2.45	327041	3.62	311722	8.55
EPA SAMPLE NO.						
IA-B9-3-3262025	182164	2.79	537249	3.96	488802	8.89
IA-B9-3-3262025DL	175494	2.78	495493	3.96	449375	8.88
IA-B9-3-3262025DUP	169076	2.78	480272	3.96	439128	8.88
IA-B9-2-3262025	187729	2.78	538422	3.96	491411	8.88
IA-B9-1-3262025	185410	2.78	523694	3.96	484321	8.88
AA-2-3252025	185847	2.79	529516	3.96	474604	8.88
SSSG-B16-3-3262025	172645	2.79	493948	3.97	445312	8.89
SSSG-B16-1-3262025	175214	2.79	504192	3.96	456695	8.88
SSSG-B16-1-3262025DL	182834	2.79	517445	3.96	472334	8.88
SSSG-B16-2-3262025	181183	2.79	509062	3.96	458107	8.88
AA-3-3252025	185013	2.79	523099	3.96	477151	8.88
AA-3-3252025DUP	184637	2.79	532429	3.96	472897	8.88
VL0327ABL01	170921	2.79	483563	3.96	446480	8.88
VL0327ABS01	166105	2.79	483209	3.96	452250	8.88

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
AREA LOWER LIMIT = -40% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: WOOD06
Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG NO.: Q1669
Lab File ID: VL042201.D Date Analyzed: 03/31/2025
Instrument ID: MSVOA_L Time Analyzed: 08:51
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	161478	2.80	460403	3.98	424671	8.90
UPPER LIMIT	226069	3.13	644564	4.31	594539	9.23
LOWER LIMIT	96886.8	2.47	276242	3.65	254803	8.57
EPA SAMPLE NO.						
SSSG-DUP-1-3262025	184538	2.81	528809	3.98	477707	8.91
SSSG-DUP-1-3262025DL	188934	2.80	537109	3.99	480959	8.91
SSSG-DUP-1-3262025DUP	184777	2.81	533717	3.99	486289	8.91
VL0331ABL01	181807	2.80	517775	3.98	464953	8.90
VL0331ABS01	175685	2.80	498986	3.98	456400	8.90

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
AREA LOWER LIMIT = -40% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0327ABL01	SDG No.:	Q1669
Lab Sample ID:	VL0327ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042180.D	1		03/27/25 13:50	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.21	1.04	U	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.10	0.21	U	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.16	0.90	U	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.11	0.45	U	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	0.24	0.57	U	0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.19	0.66	U	0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.12	0.35	U	0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.010	0.060	U	0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.090	0.29	U	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.090	0.37	U	0.37	2.05	ug/m3
108-88-3	Toluene	0.11	0.41	U	0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0327ABL01	SDG No.:	Q1669
Lab Sample ID:	VL0327ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042180.D	1		03/27/25 13:50	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.12	0.52	U	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	0.21	0.91	U	0.91	4.34	ug/m3
95-47-6	o-Xylene	0.12	0.52	U	0.52	2.17	ug/m3
100-42-5	Styrene	0.11	0.47	U	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.080	0.39	U	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	0.11	0.39	U	0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	171000		2.787			
540-36-3	1,4-Difluorobenzene	484000		3.959			
3114-55-4	Chlorobenzene-d5	446000		8.881			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0327ABL01	SDG No.:	Q1669
Lab Sample ID:	VL0327ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042180.D	1		03/27/25 13:50	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 RL = Reporting Limit
 MDL = Method Detection Limit
 E = Value Exceeds Calibration Range
 D = Dilution

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABL01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042202.D	1		03/31/25 09:34	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.21	1.04	U	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.10	0.21	U	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.16	0.90	U	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.11	0.45	U	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	0.24	0.57	U	0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.19	0.66	U	0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.12	0.35	U	0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.010	0.060	U	0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.090	0.29	U	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.090	0.37	U	0.37	2.05	ug/m3
108-88-3	Toluene	0.11	0.41	U	0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABL01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042202.D	1		03/31/25 09:34	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.12	0.52	U	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	0.21	0.91	U	0.91	4.34	ug/m3
95-47-6	o-Xylene	0.12	0.52	U	0.52	2.17	ug/m3
100-42-5	Styrene	0.11	0.47	U	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.080	0.39	U	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	0.11	0.39	U	0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	182000		2.8			
540-36-3	1,4-Difluorobenzene	518000		3.981			
3114-55-4	Chlorobenzene-d5	465000		8.901			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABL01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042202.D	1		03/31/25 09:34	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 RL = Reporting Limit
 MDL = Method Detection Limit
 E = Value Exceeds Calibration Range
 D = Dilution

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0327ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0327ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042181.D	1		03/27/25 14:39	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	9.90	49.0		1.04	2.47	ug/m3
74-87-3	Chloromethane	9.60	19.8		0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	8.60	22.0		0.030	0.080	ug/m3
74-83-9	Bromomethane	8.90	34.6		0.54	1.94	ug/m3
75-00-3	Chloroethane	9.30	24.5		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	9.40	27.7		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	9.70	54.5		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.10	69.8		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.0	69.9		0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	9.20	27.9		0.58	1.52	ug/m3
142-82-5	Heptane	9.50	38.9		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.10	36.1		0.56	1.98	ug/m3
67-64-1	Acetone	8.40	19.9		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	9.20	28.6		0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	10.3	37.1		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	8.10	28.1		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.10	36.1		0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.70	39.3		0.53	2.02	ug/m3
110-82-7	Cyclohexane	9.60	33.0		0.76	1.72	ug/m3
78-93-3	2-Butanone	9.20	27.1		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	9.60	60.4		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.80	38.9		0.36	1.98	ug/m3
67-66-3	Chloroform	9.90	48.4		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.20	50.2		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.50	44.4		0.47	2.34	ug/m3
71-43-2	Benzene	9.50	30.4		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	10.1	40.9		0.36	2.02	ug/m3
79-01-6	Trichloroethene	9.40	50.5		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	9.40	43.4		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	10.0	67.0		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	8.70	35.6		0.37	2.05	ug/m3
108-88-3	Toluene	9.50	35.8		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	9.40	42.7		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	9.40	42.7		0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	9.50	51.8		0.38	2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0327ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0327ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042181.D	1		03/27/25 14:39	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	9.90	84.3		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	9.60	73.8		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	8.80	59.7		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	9.50	43.8		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	9.60	41.7		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	19.0	82.5		0.91	4.34	ug/m3
95-47-6	o-Xylene	9.50	41.3		0.52	2.17	ug/m3
100-42-5	Styrene	9.60	40.9		0.47	2.13	ug/m3
75-25-2	Bromoform	10.0	103		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	9.50	65.2		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	9.60	49.7		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	9.50	46.7		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	8.90	43.8		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	9.40	56.5		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	9.50	57.1		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	9.30	55.9		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	8.80	65.3		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	7.90	84.3		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	8.70	19.3		0.29	1.11	ug/m3
91-20-3	Naphthalene	8.70	45.6		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	9.60	47.2		0.59	2.46	ug/m3
110-54-3	Hexane	9.60	33.8		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	9.00	28.2		0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	8.90	32.1		0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	9.40	38.5		0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			70 (65) - 130 (135)	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	166000		2.787			
540-36-3	1,4-Difluorobenzene	483000		3.955			
3114-55-4	Chlorobenzene-d5	452000		8.881			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0327ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0327ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042181.D	1		03/27/25 14:39	VL032725

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 RL = Reporting Limit
 MDL = Method Detection Limit
 E = Value Exceeds Calibration Range
 D = Dilution

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042203.D	1		03/31/25 10:17	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.4	51.4	1.04		2.47	ug/m3
74-87-3	Chloromethane	9.70	20.0	0.21		1.03	ug/m3
75-01-4	Vinyl Chloride	8.70	22.2	0.030		0.080	ug/m3
74-83-9	Bromomethane	9.10	35.3	0.54		1.94	ug/m3
75-00-3	Chloroethane	9.30	24.5	0.45		1.32	ug/m3
109-99-9	Tetrahydrofuran	9.30	27.4	0.38		1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.3	57.9	0.90		2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.70	74.3	1.23		3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.3	72.0	0.63		3.49	ug/m3
75-65-0	tert-Butyl alcohol	9.00	27.3	0.58		1.52	ug/m3
142-82-5	Heptane	9.20	37.7	0.45		2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.20	36.5	0.56		1.98	ug/m3
67-64-1	Acetone	8.90	21.1	0.57		1.19	ug/m3
75-15-0	Carbon Disulfide	9.30	29.0	0.50		1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	11.0	39.7	0.43		1.80	ug/m3
75-09-2	Methylene Chloride	8.40	29.2	0.66		1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.20	36.5	0.75		1.98	ug/m3
75-34-3	1,1-Dichloroethane	10.0	40.5	0.53		2.02	ug/m3
110-82-7	Cyclohexane	9.40	32.4	0.76		1.72	ug/m3
78-93-3	2-Butanone	9.50	28.0	0.35		1.47	ug/m3
56-23-5	Carbon Tetrachloride	10.6	66.7	0.060		0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	10.0	39.6	0.36		1.98	ug/m3
67-66-3	Chloroform	10.6	51.8	0.39		2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.80	53.5	0.050		0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.50	44.4	0.47		2.34	ug/m3
71-43-2	Benzene	9.80	31.3	0.29		1.60	ug/m3
107-06-2	1,2-Dichloroethane	11.0	44.5	0.36		2.02	ug/m3
79-01-6	Trichloroethene	9.70	52.1	0.11		0.16	ug/m3
78-87-5	1,2-Dichloropropane	9.70	44.8	0.51		2.31	ug/m3
75-27-4	Bromodichloromethane	10.8	72.3	0.54		3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	8.60	35.2	0.37		2.05	ug/m3
108-88-3	Toluene	9.60	36.2	0.41		1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	9.10	41.3	0.27		2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	9.40	42.7	0.27		2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	10.2	55.6	0.38		2.73	ug/m3

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042203.D	1		03/31/25 10:17	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	10.6	90.3		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	10.3	79.2		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	9.00	61.0		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	10.4	47.9		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	10.1	43.9		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	20.6	89.5		0.91	4.34	ug/m3
95-47-6	o-Xylene	10.4	45.2		0.52	2.17	ug/m3
100-42-5	Styrene	10.1	43.0		0.47	2.13	ug/m3
75-25-2	Bromoform	10.3	107		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	10.4	71.4		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	10.3	53.3		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	10.4	51.1		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	9.80	48.2		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	10.5	63.1		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	10.5	63.1		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	10.6	63.7		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	9.30	69.0		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.40	89.6		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	8.70	19.3		0.29	1.11	ug/m3
91-20-3	Naphthalene	9.50	49.8		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	10.5	51.6		0.59	2.46	ug/m3
110-54-3	Hexane	9.50	33.5		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	8.90	27.9		0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	8.90	32.1		0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	9.20	37.7		0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.3			70 (65) - 130 (135)	103%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	176000		2.803			
540-36-3	1,4-Difluorobenzene	499000		3.981			
3114-55-4	Chlorobenzene-d5	456000		8.904			

Report of Analysis

Client:	Woodard & Curran	Date Collected:	
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	
Client Sample ID:	VL0331ABS01	SDG No.:	Q1669
Lab Sample ID:	VL0331ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL042203.D	1		03/31/25 10:17	VL033125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 RL = Reporting Limit
 MDL = Method Detection Limit
 E = Value Exceeds Calibration Range
 D = Dilution

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 Q = indicates LCS control criteria did not meet requirements



CALIBRATION SUMMARY

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\

Method File : VL032725AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

Last Update : Fri Mar 28 02:00:52 2025

Response Via : Initial Calibration

Calibration Files

0.03=VL042177.D 0.1 =VL042176.D 0.5 =VL042175.D 1 =VL042174.D 2 =VL042173.D 10 =VL042172.D 15 =VL042178.D

Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD

1) I Bromochloromethane	-----ISTD-----								
2) T Dichlorodifluo...			1.602	1.514	1.482	1.404	1.380	1.476	6.03
3) Chlorodifluoro...			1.622	1.541	1.514	1.457	1.408	1.508	5.41
4) Chloromethane			0.660	0.597	0.618	0.573	0.570	0.603	6.17
5) T Vinyl Chloride	0.882	0.705	0.635	0.576	0.584	0.549	0.546	0.639	18.84
6) T Bromomethane			0.327	0.268	0.266	0.256	0.250	0.273	11.20
7) Chloroethane			0.286	0.248	0.223	0.227	0.226	0.242	10.92
8) T Dichlorotetra...			1.306	1.283	1.274	1.214	1.211	1.257	3.40
9) T Propene			0.734	0.736	0.698	0.660	0.630	0.691	6.69
10) T Heptane			1.847	1.940	1.897	1.792	1.719	1.839	4.73
11) T Trichlorofluor...			1.562	1.457	1.480	1.339	1.346	1.437	6.59
12) T 1,1,2-Trichlor...			1.247	1.215	1.188	1.120	1.135	1.181	4.52
13) Ethanol			0.110	0.086	0.073	0.029	0.028	0.065	55.48
14) T Bromoethene			0.529	0.447	0.460	0.417	0.409	0.452	10.47
15) T Acetone			1.699	1.573	1.469	1.113	1.139	1.399	18.73
16) T 1,3-Butadiene			0.952	0.705	0.608	0.573	0.577	0.683	23.38
17) tert-Butyl alc...			1.935	1.799	1.756	1.618	1.601	1.742	7.91
18) T 1,1-Dichloroet...			0.624	0.565	0.560	0.504	0.507	0.552	8.99
19) T Isopropyl Alcohol			1.016	0.800	0.738	0.702	0.689	0.789	16.99
20) T Methylene Chlo...			0.624	0.563	0.545	0.438	0.435	0.521	15.85
21) T Allyl Chloride			1.067	1.022	1.020	0.902	0.921	0.986	7.25
22) T trans-1,2-Dich...			0.704	0.701	0.621	0.590	0.575	0.638	9.56
23) T Vinyl Acetate			0.754	0.692	0.550	0.498	0.532	0.605	18.40
24) T 1,1-Dichloroet...			1.247	1.208	1.187	1.122	1.149	1.183	4.17
25) T Ethyl Acetate			4.017	3.619	3.703	3.457	3.353	3.630	7.06
26) T Hexane			1.507	1.462	1.383	1.333	1.325	1.402	5.71
27) T Carbon Disulfide			1.608	1.512	1.538	1.436	1.423	1.503	5.07
28) T Methyl tert-Bu...			0.921	0.886	0.894	0.831	0.832	0.873	4.56
29) T Chloroform			2.233	2.068	2.071	1.932	1.956	2.052	5.81
30) T Cyclohexane			1.337	1.238	1.211	1.162	1.140	1.217	6.33
31) T cis-1,2-Dichlo...			1.507	1.460	1.426	1.371	1.353	1.423	4.44
32) T 1,1,1-Trichlor...	3.151	2.495	2.279						

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\										
Method File : VL032725AIR.M										
40) T	1,4-Dioxane			0.234	0.197	0.191	0.169	0.167	0.192	14.08
41) T	Tetrahydrofuran			0.439	0.425	0.432	0.398	0.393	0.418	4.98
42) T	Bromodichlorom...			0.778	0.779	0.802	0.769	0.785	0.782	1.58
43) T	Methyl Methacr...			0.442	0.451	0.408	0.403	0.394	0.420	6.03
44) T	2,2,4-Trimethy...			1.781	1.689	1.723	1.608	1.576	1.675	5.00
45) T	t-1,3-Dichloro...			0.474	0.447	0.453	0.439	0.440	0.450	3.15
46) T	cis-1,3-Dichlo...			0.549	0.560	0.566	0.550	0.535	0.552	2.12
47) T	1,1,2-Trichlor...			0.419	0.382	0.379	0.364	0.365	0.382	5.88
48) T	Dibromochlorom...			0.651	0.641	0.663	0.636	0.644	0.647	1.62
49) T	Bromoform			0.566	0.588	0.597	0.582	0.570	0.581	2.18
50) T	4-Methyl-2-Pen...			1.286	1.214	1.211	1.027	1.008	1.149	10.79
51) T	2-Hexanone			0.999	1.018	1.031	0.844	0.827	0.944	10.56
52) T	Tetrachloroethene	0.572	0.359	0.401	0.361	0.371	0.343	0.345	0.393	20.64
53) T	Toluene			1.239	1.203	1.202	1.125	1.108	1.175	4.76
54) T	1,2-Dibromoethane	0.574		0.543	0.538	0.520	0.508	0.510	0.532	4.74
-----ISTD-----										
55) I	Chlorobenzene-d5									
56) T	1,1,1,2-Tetrac...			0.576	0.575	0.576	0.510	0.515	0.550	6.30
57) T	Chlorobenzene			1.024	0.979	0.994	0.875	0.871	0.949	7.46
58) T	Ethyl Benzene			1.850	1.822	1.894	1.671	1.645	1.776	6.28
59) T	m/p-Xylene			1.505	1.472	1.484	1.321	1.309	1.418	6.71
60) T	o-Xylene			1.521	1.475	1.499	1.328	1.287	1.422	7.50
61) T	Styrene			0.709	0.722	0.735	0.683	0.668	0.703	3.92
62) T	Isopropylbenzene			2.290	2.199	2.261	1.962	1.920	2.126	8.14
63) T	1,1,2,2-Tetrac...	0.986	0.800	0.907	0.889	0.893	0.796	0.777	0.864	8.78
64) T	n-propylbenzene			0.578	0.581	0.576	0.499	0.502	0.547	7.81
65) T	tert-Butylbenzene			2.190	2.071	2.144	1.736	1.691	1.966	11.96
66) T	Benzyl Chloride			0.217	0.213	0.221	0.203	0.189	0.209	6.06
67) T	sec-Butylbenzene			3.005	2.994	2.947	2.404	2.316	2.733	12.54
68) S	1-Bromo-4-Fluo...	0.820	0.827	0.832	0.810	0.828	0.813	0.820	0.821	0.98

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WOOD06

Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG No.: Q1669

Instrument ID: MSVOA_L Calibration Date/Time: 03/31/2025 08:51

Lab File ID: VL042201.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:26 11:36

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.476	1.509		2.24	30
Chloromethane	0.603	0.570		-5.47	30
Vinyl Chloride	0.639	0.550		-13.93	30
Bromomethane	0.273	0.252		-7.69	30
Chloroethane	0.242	0.221		-8.68	30
Tetrahydrofuran	0.418	0.371		-11.24	30
Trichlorofluoromethane	1.437	1.435		-0.14	30
1,1,2-Trichlorotrifluoroethane	1.181	1.132		-4.15	30
Dichlorotetrafluoroethane	1.257	1.261		0.32	30
tert-Butyl alcohol	1.742	1.563		-10.28	30
Heptane	1.839	1.622		-11.8	30
1,1-Dichloroethene	0.552	0.513		-7.07	30
Acetone	1.399	1.200		-14.22	30
Carbon Disulfide	1.503	1.425		-5.19	30
Methyl tert-Butyl Ether	0.873	1.103		26.35	30
Methylene Chloride	0.521	0.420		-19.39	30
trans-1,2-Dichloroethene	0.638	0.569		-10.81	30
1,1-Dichloroethane	1.183	1.151		-2.7	30
Cyclohexane	1.217	1.115		-8.38	30
2-Butanone	0.725	0.655		-9.65	30
Carbon Tetrachloride	0.781	0.807		3.33	30
cis-1,2-Dichloroethene	1.423	1.359		-4.5	30
Chloroform	2.052	2.093		2	30
1,1,1-Trichloroethane	2.349	2.228		-5.15	30
2,2,4-Trimethylpentane	1.675	1.532		-8.54	30
Benzene	0.991	0.927		-6.46	30
1,2-Dichloroethane	0.568	0.593		4.4	30
Trichloroethene	0.414	0.391		-5.56	30
1,2-Dichloropropane	0.361	0.333		-7.76	30
Bromodichloromethane	0.782	0.811		3.71	30
4-Methyl-2-Pentanone	1.149	0.949		-17.41	30
Toluene	1.175	1.070		-8.94	30
t-1,3-Dichloropropene	0.450	0.413		-8.22	30
cis-1,3-Dichloropropene	0.552	0.505		-8.51	30
1,1,2-Trichloroethane	0.382	0.366		-4.19	30
Dibromochloromethane	0.647	0.659		1.86	30
1,2-Dibromoethane	0.532	0.520		-2.26	30
Tetrachloroethene	0.393	0.337		-14.25	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WOOD06

Lab Code: CHEM Case No.: Q1669 SAS No.: Q1669 SDG No.: Q1669

Instrument ID: MSVOA_L Calibration Date/Time: 03/31/2025 08:51

Lab File ID: VL042201.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:26 11:36

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.949	0.917		-3.37	30
Ethyl Benzene	1.776	1.678		-5.52	30
m/p-Xylene	1.418	1.371		-3.32	30
o-Xylene	1.422	1.355		-4.71	30
Styrene	0.703	0.663		-5.69	30
Bromoform	0.581	0.568		-2.24	30
1,1,2,2-Tetrachloroethane	0.864	0.822		-4.86	30
2-Chlorotoluene	1.650	1.593		-3.45	30
1,3,5-Trimethylbenzene	1.546	1.501		-2.91	30
1,2,4-Trimethylbenzene	1.781	1.639		-7.97	30
1,3-Dichlorobenzene	0.977	0.967		-1.02	30
1,4-Dichlorobenzene	0.972	0.974		0.21	30
1,2-Dichlorobenzene	0.951	0.940		-1.16	30
1,2,4-Trichlorobenzene	0.899	0.879		-2.22	30
Hexachloro-1,3-Butadiene	0.968	0.813		-16.01	30
1,3-Butadiene	0.683	0.595		-12.88	30
Naphthalene	1.948	1.962		0.72	30
4-Ethyltoluene	1.770	1.731		-2.2	30
1-Bromo-4-Fluorobenzene	0.821	0.837		1.95	30
Hexane	1.402	1.295		-7.63	30
Allyl Chloride	0.986	0.895		-9.23	30
1,4-Dioxane	191.626	167.508		-12.59	30
Methyl Methacrylate	0.420	0.370		-11.9	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



SHIPPING DOCUMENTS

Client Contact Information				Bottle Order ID : B2502051				Courier :				1 of 13 COCs				
Client ID : WOOD06				Project ID : NYCHHC Environmental Services				Sampler Name(s) : <i>Alphon Hefner</i>				Analysis		Matrix		
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified								
				Phone Number : 800-807-4080												
				Fax Number : 914-448-0147												
				Site Details:												
				Analysis Turnaround Time												
Standard : 10 business days OR				Data Package Type :												
Rush (Specify): Days				EDD Type :												
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas
1A-04-3- 3/26/25	3/26/25 3/27/25	1158	0909	-30	-6	55	55	-30	-7.5	1034 10637 10508	10508 10588	6 L	100	VL041966-D	X	X
Temperature (Fahrenheit)										10508 10341						
		Ambient	Maximum	Minimum												
Start		45	54	38												
Stop		39														
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions.						
		Ambient	Maximum	Minimum												
Start		30.05														
Stop		30.26														
Please follow the instructions on the back of this COC.																
Special Instructions/QC Requirements & Comments :																
Suspected Contamination: High Medium Low PID Readings: 0.0 ppm																
Sampling site (State): New Jersey																
Quick Connector required : NO																
Canisters Shipped by: <i>Sally</i>				Date/Time: 3/24/25				Canisters Received by: <i>CP</i>				Date/Time: 3/27/25 11:25				
Samples Relinquished by: <i>Walter</i>				Date/Time: 3/27/25 11:25				Received by:				Date/Time:				
Relinquished by:				Date/Time:				Received by:				Date/Time:				
B2502051 - 30																

Client Contact Information						Bottle Order ID : B2502051				Courier :				2 of 13 COCs			
Client ID : WOOD06 Project ID : NYCHHC Environmental Services						Sampler Name(s) : <i>Clayton Helmer</i>				Analysis				Matrix			
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :						Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				TO-15 Indoor/Ambient Air Soil Gas			
						Phone Number : 800-807-4080											
						Fax Number : 914-448-0147											
						Site Details:											
						Analysis Turnaround Time				Data Package Type :							
						Standard : 10 business days OR				EDD Type :							
						Rush (Specify): Days											
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID			
1A-B4-3-3/26/25	3/26/25 3/27/25	1136	0932	-28	-6	55	55	-30	-5.9	10785 10567	10283 10285	6 L	4.16	VL042078-D	X		
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) <i>[Signature]</i>							
		Ambient	Maximum	Minimum													
Start		45	54	38													
Stop		39															
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.							
		Ambient	Maximum	Minimum													
Start		30.05															
Stop		30.26															
Special Instructions/QC Requirements & Comments :																	
Suspected Contamination: High Medium Low PID Readings: 0.1 ppm																	
Sampling site (State): New Jersey																	
Quick Connector required : No																	
Canisters Shipped by: Sam				Date/Time: 03/24/25				Canisters Received by: CR				Date/Time: 3/27/25 11:25				B2502051 - 16	
Samples Relinquished by: [Signature]				Date/Time: 3/27/25 11:25				Received by:				Date/Time:					
Relinquished by:				Date/Time:				Received by:				Date/Time:					

Client Contact Information						Bottle Order ID : B2502051				Courier :				3 of 13 COCs				
Client ID : WOOD06 Project ID : NYCHHC Environmental Services						Sampler Name(s) : <i>Clyde Hether</i>				Analysis				Matrix				
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :						Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified								
						Phone Number : 800-807-4080												
						Fax Number : 914-448-0147												
						Site Details:												
Analysis Turnaround Time						Standard : 10 business days OR				Data Package Type :								
Rush (Specify): Days						EDD Type :												
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15		Indoor/Ambient Air	Soil Gas
1A-89-1-3/26/28	3/26/25 3/27/25	1104	0905	-29	-30	55	55	-30	-6.3	10771 40635	10320	6 L	100	VL042143.D	X		X	
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) <i>[Signature]</i>								
	Ambient	Maximum	Minimum															
Start	45	54	38															
Stop	39																	
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.								
	Ambient	Maximum	Minimum															
Start	30.05																	
Stop	30.26																	
Special Instructions/QC Requirements & Comments :																		
Suspected Contamination: High Medium Low PID Readings: <i>0.1 ppm</i> Sampling site (State): <i>New Jersey</i>																		
Quick Connector required : <i>NO</i>																		
Canisters Shipped by: <i>Sara</i>					Date/Time: <i>03/24/25</i>					Canisters Received by: <i>CR</i>					Date/Time: <i>3/27/25 11:29</i>			
Samples Relinquished by: <i>[Signature]</i>					Date/Time: <i>3/27/25 11:29</i>					Received by:					Date/Time:			
Relinquished by:					Date/Time:					Received by:					Date/Time:			

B2502051 - 22

Client Contact Information				Bottle Order ID : B2502051				Courier :				<u>4</u> of <u>13</u> COCs																		
Client ID : WOOD06				Project ID : NYCHHC Environmental Services				Sampler Name(s) : <u>Clayton Hefner</u>				Analysis		Matrix																
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																						
				Phone Number : 800-807-4080																										
				Fax Number : 914-448-0147																										
				Site Details:																										
				Analysis Turnaround Time				Data Package Type :																						
				Standard : 10 business days OR				EDD Type :																						
Rush (Specify): Days																														
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15		Indoor/Ambient Air	Soil Gas												
AA-1- 3/26/25	3/24/25 3/27/25	1038	0857	31	-6	—	—	-30	-6.3	10506 10508	10285 10280	6 L	4.16	VL042143-D	X		X													
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td>45°F</td> <td>54°F</td> <td>38°F</td> </tr> <tr> <td>Stop</td> <td>40°F</td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start	45°F	54°F	38°F	Stop	40°F			GC/MS Analyst Signature (TO-15)								
	Ambient	Maximum	Minimum																											
Start	45°F	54°F	38°F																											
Stop	40°F																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td>30.05</td> <td>30.25</td> <td>29.90</td> </tr> <tr> <td>Stop</td> <td>30.25</td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start	30.05	30.25	29.90	Stop	30.25			** Submittal of this COC indicates approval of the analysis based on existing conditions. X 10508 Please follow the instructions on the back of this COC.								
	Ambient	Maximum	Minimum																											
Start	30.05	30.25	29.90																											
Stop	30.25																													
Special Instructions/QC Requirements & Comments :																														
Suspected Contamination: High Medium Low PID Readings: <u>0.2 ppm</u>																														
Sampling site (State): <u>New Jersey</u>																														
Quick Connector required : <u>NO</u>																														
Canisters Shipped by: <u>[Signature]</u>				Date/Time: <u>3/24/25</u>				Canisters Received by: <u>[Signature]</u>				Date/Time: <u>3/27/25 1125</u>				B2502051 - 12														
Samples Relinquished by: <u>[Signature]</u>				Date/Time: <u>3/27/25/1125</u>				Received by:				Date/Time:																		
Relinquished by:				Date/Time:				Received by:				Date/Time:																		

Client Contact Information				Bottle Order ID : B2502051				Courier :				<u>5</u> of <u>13</u> COCs																		
Client ID : WOOD06				Project ID : NYCHHC Environmental Services				Sampler Name(s) :				Analysis		Matrix																
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																						
				Phone Number : 800-807-4080																										
				Fax Number : 914-448-0147																										
				Site Details:																										
				Analysis Turnaround Time				Data Package Type :																						
				Standard : 10 business days OR				EDD Type :																						
Country :				Rush (Specify): Days																										
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15		Indoor/Ambient Air	Soil Gas												
SSG-016-3-3/26/25	3/26/25	1452	1539	-30	-4.5	55	55	-30	-3.5	10633	10607	6 L	100	VL041974.D	X			X												
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td>50</td> <td>54</td> <td>38</td> </tr> <tr> <td>Stop</td> <td>50</td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start	50	54	38	Stop	50			GC/MS Analyst Signature (TO-15) 								
	Ambient	Maximum	Minimum																											
Start	50	54	38																											
Stop	50																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td>29.99</td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td>29.99</td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start	29.99			Stop	29.99			** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.								
	Ambient	Maximum	Minimum																											
Start	29.99																													
Stop	29.99																													
Special Instructions/QC Requirements & Comments :																														
Suspected Contamination: High Medium Low PID Readings: 0.0 ppm																														
Sampling site (State): New Jersey																														
Quick Connector required : NO																														
Canisters Shipped by: Scm				Date/Time: 3/24/25				Canisters Received by: CR				Date/Time: 3/27/25 1128				B2502051 - 40														
Samples Relinquished by: [Signature]				Date/Time: 3/27/25 1125				Received by:				Date/Time:																		
Relinquished by:				Date/Time:				Received by:				Date/Time:																		

Client Contact Information				Bottle Order ID : B2502051				Courier :				6 of 13 COCs					
Client ID : WOOD06				Project ID : NYCHHC Environmental Services				Sampler Name(s) : <i>Clayton Hefner</i>				Analysis		Matrix			
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified									
				Phone Number : 800-807-4080													
				Fax Number : 914-448-0147													
				Site Details:													
				Analysis Turnaround Time				Data Package Type :									
				Standard : 10 business days OR				EDD Type :									
Rush (Specify): Days																	
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas
3/26/15 SSSC-BUP-1 - 3/26/15	3/26/15	1420	1500	-32	-5	55	55	-30	-1.8	10695	10606	6 L	100	VL042143.D	X		X
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) <i>[Signature]</i>							
		Ambient	Maximum	Minimum													
Start		50	54	38													
Stop		50															
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.							
		Ambient	Maximum	Minimum													
Start		29.99															
Stop		29.99															
Special Instructions/QC Requirements & Comments :																	
Suspected Contamination: High Medium Low PID Readings: <i>6.0 ppm</i> Sampling site (State): <i>New Jersey</i>																	
Quick Connector required : <i>No</i>																	
Canisters Shipped by: <i>SSSC</i>				Date/Time: <i>03/26/15</i>				Canisters Received by: <i>CH</i>				Date/Time: <i>3/27/15 125</i>				B2502051 - 39	
Samples Relinquished by: <i>[Signature]</i>				Date/Time: <i>3/27/15 1125</i>				Received by:				Date/Time:					
Relinquished by:				Date/Time:				Received by:				Date/Time:					

Client Contact Information				Bottle Order ID : B2502051				Courier :				7 of 13 COCs										
Client ID : WOOD06 Project ID : NYCHHC Environmental Services				Sampler Name(s) : <i>Clayton Metner</i>				Analysis				Matrix										
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified														
				Phone Number : 800-807-4080																		
				Fax Number : 914-448-0147																		
				Site Details:																		
				Analysis Turnaround Time																		
Standard : 10 business days OR				Data Package Type :																		
Rush (Specify): _____ Days				EDD Type :																		
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15				Indoor/Ambient Air	Soil Gas		
<i>SSSG-B16-1-2/24/25</i>	<i>3/26/25</i>	<i>1420</i>	<i>1520</i>	<i>-30</i>	<i>-6</i>	<i>55</i>	<i>55</i>	<i>-30</i>	<i>-8.0</i>	<i>10769</i>	<i>10445</i>	<i>6 L</i>	<i>100</i>	<i>VL042143.D</i>	<i>X</i>					<i>X</i>		
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) <i>Sue</i>												
		Ambient	Maximum	Minimum																		
Start		<i>50</i>	<i>54</i>	<i>38</i>																		
Stop		<i>50</i>																				
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.												
		Ambient	Maximum	Minimum																		
Start		<i>29.99</i>																				
Stop		<i>29.99</i>																				
Special Instructions/QC Requirements & Comments :																						
Suspected Contamination: High Medium Low PID Readings: <i>0.1 ppm</i>																						
Sampling site (State): <i>New Jersey</i>																						
Quick Connector required : <i>NO</i>																						
Canisters Shipped by: <i>Sam</i>				Date/Time: <i>03/24/25</i>				Canisters Received by: <i>OR</i>				Date/Time: <i>3/27/25 125</i>				B2502051 - 28						
Samples Relinquished by: <i>Red 16</i>				Date/Time: <i>3/27/25 125</i>				Received by:				Date/Time:										
Relinquished by:				Date/Time:				Received by:				Date/Time:										

Client Contact Information				Bottle Order ID : B2502051				Courier :				<u>8</u> of <u>13</u> COCs																			
Client ID : WOOD06 Project ID : NYCHHC Environmental Services				Sampler Name(s) : <i>Clyde Plutner</i>				Analysis				Matrix																			
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				TO-15 Indoor/Ambient Air Soil Gas																			
				Phone Number : 800-807-4080																											
				Fax Number : 914-448-0147																											
				Site Details:																											
Analysis Turnaround Time				Data Package Type :																											
Standard : 10 business days OR				Rush (Specify): Days				EDD Type :																							
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID																	
<i>555A-B16-2-3/26/25</i>	<i>3/26/25</i>	<i>1415</i>	<i>1526</i>	<i>-30</i>	<i>-5</i>	<i>55</i>	<i>55</i>	<i>-30</i>	<i>-7.1</i>	<i>10773</i>	<i>10282</i>	<i>6 L</i>	<i>100</i>	<i>VL041966.D</i>	<i>X</i>					<i>X</i>											
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td><i>50</i></td> <td><i>54</i></td> <td><i>38</i></td> </tr> <tr> <td>Stop</td> <td><i>50</i></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start	<i>50</i>	<i>54</i>	<i>38</i>	Stop	<i>50</i>			GC/MS Analyst Signature (TO-15) <i>[Signature]</i>									
	Ambient	Maximum	Minimum																												
Start	<i>50</i>	<i>54</i>	<i>38</i>																												
Stop	<i>50</i>																														
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td><i>29.99</i></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td><i>29.99</i></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start	<i>29.99</i>			Stop	<i>29.99</i>			** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.									
	Ambient	Maximum	Minimum																												
Start	<i>29.99</i>																														
Stop	<i>29.99</i>																														
Special Instructions/QC Requirements & Comments :																															
Suspected Contamination: High Medium Low PID Readings: <i>0.0 ppm</i>																															
Sampling site (State): <i>New Jersey</i>																															
Quick Connector required : <i>NO</i>																															
Canisters Shipped by: <i>Serv</i>				Date/Time: <i>03/24/25</i>				Canisters Received by: <i>CP</i>				Date/Time: <i>3/27/25 1225</i>				B2502051 - 14															
Samples Relinquished by: <i>[Signature]</i>				Date/Time: <i>3/27/25 1125</i>				Received by:				Date/Time:																			
Relinquished by:				Date/Time:				Received by:				Date/Time:																			

Client Contact Information				Bottle Order ID : B2502051				Courier :				<u>9</u> of <u>13</u> COCs										
Client ID : WOOD06 Project ID : NYCHHC Environmental Services				Sampler Name(s) : <i>Clayton Ketter</i>				Analysis				Matrix										
Customer Name : Woodard & Curran Address : 800 Westchester Avenue, Suite N507 Suite N507 City : Rye Brook State : NY Zip Code : 10573 Country :				Project Manager : Stephanie rogacki				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified														
				Phone Number : 800-807-4080																		
				Fax Number : 914-448-0147																		
				Site Details:																		
				Analysis Turnaround Time																		
				Standard : 10 business days OR				Data Package Type :														
				Rush (Specify): _____ Days				EDD Type :														
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout (ml/min)	Can Cert ID	TO-15			Indoor/Ambient Air			Soil Gas	
AA-1- 3/25/25	3/25/25 3/26/25	1010	0954	-70	-5	-	-	-30	-4.7	10537 10785	10652 10054		6 L	4.16	VL04215:D	X			X			
Temperature (Fahrenheit)										10267 GC/MS Analyst Signature (TO-15) <i>Sult</i>												
		Ambient	Maximum	Minimum																		
Start		48	60	40																		
Stop		44																				
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.												
		Ambient	Maximum	Minimum																		
Start		29.90	30.04	29.90																		
Stop		30.04																				
Special Instructions/QC Requirements & Comments :																						
Suspected Contamination: High Medium Low PID Readings: <i>0.1 ppm</i> Sampling site (State): <i>New Jersey</i>																						
Quick Connector required : <i>NO</i>																						
Canisters Shipped by: <i>Savin</i>				Date/Time: <i>03/24/25</i>				Canisters Received by: <i>CL-</i>				Date/Time: <i>3/27/25 1125</i>				B2502051 - 2						
Samples Relinquished by: <i>10054</i>				Date/Time: <i>3/27/25 1125</i>				Received by:				Date/Time:										
Relinquished by:				Date/Time:				Received by:				Date/Time:										

From: Stephanie Rogacki <SRogacki@woodardcurran.com>
Sent: Thursday, March 27, 2025 3:11 PM
To: Yazmeen Gomez; Jill Tribley; Jordan Hedvat
Cc: Bryan Maurer; Clayton Hefner; Kiran Saleem
Subject: Re: Sample Updates Request

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Secured by Check Point

Hi Yazmeen,

I am answering on Jill's behalf. Thank you for checking with us.

Please analyze all samples listed in Q1669.

Additionally, please change AA-1-3/26/25 ID to AA-2-3/26/25; please also analyze this.

Best regards,
Steph

Stephanie Rogacki, MS, CSM

Environmental Scientist 3 | she/her



📞 914.460.5641 📠 201.774.0238 🌐 woodardcurran.com

✉️ srogacki@woodardcurran.com

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From: Yazmeen Gomez
Sent: Thursday, March 27, 2025 2:29 PM
To: Jill Tribley; Stephanie Rogacki; Jordan Hedvat
Cc: Bryan Maurer; Clayton Hefner; Kiran Saleem
Subject: RE: Sample Updates Request

Jill,

Please see attached – just confirming Q1668 are all on hold per COC and Q1669 are OK to analyze (no mention of hold on COC).

There is a few of Indoor and two Ambient air samples that don't mention a hold that I've logged into Q1669.

Let me know if any of those need to be on hold.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Jill Tribley <jtribley@woodardcurran.com>
Sent: Thursday, March 27, 2025 1:28 PM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Bryan Maurer <bmaurer@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>; Kiran Saleem <Kiran.Saleem@alliancetg.com>
Subject: RE: Sample Updates Request

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Secured by Check Point

Hi Yazmeen, this will be standard TAT.

Jill D. Tribley, P.G.
 412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Thursday, March 27, 2025 1:14 PM
To: Jill Tribley <jtribley@woodardcurran.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Bryan Maurer <bmaurer@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>; Kiran Saleem <Kiran.Saleem@alliancetg.com>
Subject: RE: Sample Updates Request

Jill,

Can you confirm the TAT? The lab wants to know if you need anything expediated for Tuesday or Wednesday results?

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com   

From: Jill Tribley <jtribley@woodardcurran.com>
Sent: Thursday, March 27, 2025 12:15 PM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Bryan Maurer <bmaurer@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>; Kiran Saleem <Kiran.Saleem@alliancetg.com>
Subject: RE: Sample Updates Request

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Hello Yazmeen and Kiran,
 I have the info for the (14) 6L Summas we need on Monday:

- (5) 6L Summa canisters with regulators for a 24-hour sampling period
- (4) 6L Summa canisters with 100 ml/min regulators
- (3) 6L Summa canisters with 200 ml/min regulators
- (2) 6L Summa canisters with 70 ml/min regulators

One of our folks can pick these up at 11 am at the lab.
 We will be submitting these samples mid-next week.

A batch of samples and the unused 1.4 L canisters will be dropped off at the lab this afternoon.

Please confirm you can still accommodate this.

Thank you!

-Jill

Jill D. Tribley, P.G.

412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>

Sent: Wednesday, March 26, 2025 1:21 PM

To: Jill Tribley <jtribley@woodardcurran.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>

Cc: Bryan Maurer <bmaurer@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>; Kiran Saleem <Kiran.Saleem@alliancetg.com>

Subject: RE: Sample Updates Request

Jill,

I spoke with Mohammad he mentioned we can provide 14 Cans on Friday – if you wanted them all to be 200ml/min or to switch them up?

Also, for the sampling team – each Summa Can belongs to a specific Chain of Custody. Looks like the sampler was just crossing out things on our COC instead of keeping the coordinated Chain and Summa Can together which causes confusion in the lab. If you can just have the samplers keep the Chain and related Summa Can together, the same way they are packages when delivered.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3147

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com     



From: Jill Tribley <jtribley@woodardcurran.com>

Sent: Wednesday, March 26, 2025 12:49 PM

To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>

Cc: Bryan Maurer <bmaurer@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>

Subject: RE: Sample Updates Request

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Hi Yazmeen,

Can we get another pickup mid day tomorrow? Would you be able to bring the 24 hour IA and AA canisters at that time?

The canisters and associated regulators are for 1.4 liter canisters. We requested and require 6 liter canisters for this project. When can you get the correct canisters and regulators on site?

Jill D. Tribley, P.G.
412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Wednesday, March 26, 2025 12:01 PM
To: Stephanie Rogacki <SRogacki@woodardcurran.com>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Jill Tribley <jtribley@woodardcurran.com>; Bryan Maurer <bmaurer@woodardcurran.com>
Subject: RE: Sample Updates Request

Hi Stephanie,

Please see below responses in RED.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com   

From: Stephanie Rogacki <SRogacki@woodardcurran.com>
Sent: Wednesday, March 26, 2025 11:54 AM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Cc: Jill Tribley <jtribley@woodardcurran.com>; Bryan Maurer <bmaurer@woodardcurran.com>
Subject: Sample Updates Request

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Hi Yazmeen/Jordan,

1. When is the next pickup / drop off scheduled for? **We currently do not have another pick up / drop off scheduled after today. Last we spoke you mentioned you weren't sure if you'd need additional cans. And you'd reach out once you've coordinated with the field teams to schedule the pickups.**
2. We will need 7 more 24 hour samples - 6 IA and 1 AA **When do you need these by?**
3. The name of this project is Riverside Superfund Site not "NYCHHC Environmental Services" **Noted**
4. The PM for this project is Bryan Maurer not me. He is copied here. Please update him for project notes. **Noted**
5. Please copy both Bryan and Jill (copied) on results and acknowledgments, and all other correspondence regarding this project. **Noted**

Best regards,
Steph

Stephanie Rogacki, MS, CSM
Environmental Scientist 3 | she/her



📞 [914.460.5641](tel:914.460.5641) 📠 [201.774.0238](tel:201.774.0238) 🌐 woodardcurran.com

✉️ srogacki@woodardcurran.com

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From: Jill Tribley <jtribley@woodardcurran.com>
Sent: Monday, April 07, 2025 1:04 PM
To: Yazmeen Gomez; Stephanie Rogacki; Bryan Maurer
Cc: Jordan Hedvat; Clayton Hefner
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

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Hi Yazmeen, 5-day TAT for just SSSG samples only will be fine with us. As of now, we won't want to do the IA samples as 5-day TAT if we need to analyze those.

Jill D. Tribley, P.G.
412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Monday, April 7, 2025 11:52 AM
To: Jill Tribley <jtribley@woodardcurran.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Bryan Maurer <bmaurer@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

Hi Jill,

Yes, there would be a 5 DAY TAT surcharge –

EXPRESS...	ADDITIONAL CHARGES
Ten Working Days	0
Five Working Days	15
Three Working Days	50
Two Working Days	75
One Working Day	100
Same Day	200

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Jill Tribley <jtribley@woodardcurran.com>
Sent: Monday, April 7, 2025 11:35 AM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>; Bryan Maurer <bmaurer@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

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Hi Yazmeen, are there cost implications? Will we be charged the expedited TAT fee?
Apologies for missing your call, I had a dr. appt this morning.
-Jill

Jill D. Tribley, P.G.
412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Monday, April 7, 2025 10:56 AM
To: Jill Tribley <jtribley@woodardcurran.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

Good morning Jill,

I tried giving you a call a few minutes ago and couldn't reach you. I did call Stephanie as well, she mentioned she cannot make this call.

My lab manager is wondering if we can adjust the TAT to 5 days instead of 10? For at least the SSSG samples that aren't on hold? We have so many cans on hold that we aren't able to provide anything for anyone else. Possibly provide the first round of results today if we can adjust the TAT.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Jill Tribley <jtribley@woodardcurran.com>
Sent: Thursday, April 3, 2025 11:58 AM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

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Thanks Yazmeen
 Clayton is driving now but he will be able to respond once he's back.

Jill D. Tribley, P.G.
 412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Thursday, April 3, 2025 11:53 AM
To: Jill Tribley <jtribley@woodardcurran.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

Good morning,

Please see attached.

One of these was missing the CAN ID on the COC and the other has nothing filled out on the tag.
 The Air Lab attempted to match the COCs with a Summa Can – can you confirm these go with one another?

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

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From: Jill Tribley <jtribley@woodardcurran.com>

Sent: Monday, March 31, 2025 3:02 PM

To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>

Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>

Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

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Thank you! Clayton was tied up in traffic but he thought he would be there in about 10 minutes.

Jill D. Tribley, P.G.

412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>

Sent: Monday, March 31, 2025 3:00 PM

To: Jill Tribley <jtribley@woodardcurran.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>

Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>

Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

Jill,

We are going to leave the regulators in the shipping/ receiving room just incase the person picking up can't get here until later in the day.

The code to get into the room is 2,3,4,5. If they have any samples to drop off, they can also leave them in this room. Someone will grab them in the morning.

Best Regards,

Yazmeen Gomez

Sr. Project Manager

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3147

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com   



From: Jill Tribley <jtribley@woodardcurran.com>
Sent: Tuesday, March 25, 2025 10:30 AM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; Stephanie Rogacki <SRogacki@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

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Secured by Check Point

Hi Yazmeen, that should not be an issue on our end.
 Thank you!
 -Jill

Jill D. Tribley, P.G.
 412-535-0833



From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Tuesday, March 25, 2025 10:28 AM
To: Stephanie Rogacki <SRogacki@woodardcurran.com>
Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Jill Tribley <jtribley@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>
Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

Stephanie,

The Air Lab mentioned the closest they can get to 66ml/min is 70 ml/min.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Stephanie Rogacki <SRogacki@woodardcurran.com>
Sent: Monday, March 24, 2025 2:25 PM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Cc: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>; Jill Tribley <jtribley@woodardcurran.com>; Clayton Hefner

<CHefner@woodardcurran.com>

Subject: Fw: Canister Drop Off Confirmation / Pick Up Schedule Change

6
6.2

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Hi Yazmeen,

I think the request to have 3 of the SSGS canisters set at 66 ml/min was missed. I sent this on 3/18. Can we have this prepped for drop off on Wednesday?

Best regards,
Steph

Stephanie Rogacki, MS, CSM
Environmental Scientist 3 | she/her



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✉️ srogacki@woodardcurran.com

📍 800 Westchester Avenue, Suite N507, Rye Brook, NY
10573



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From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Monday, March 24, 2025 2:06 PM
To: Stephanie Rogacki <SRogacki@woodardcurran.com>

Cc: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Jill Tribley <jtribley@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>

Subject: RE: Canister Drop Off Confirmation / Pick Up Schedule Change

Hi Stephanie,

You will be receiving all requested 41 summa cans for SSGS ON 3/26.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Stephanie Rogacki <SRogacki@woodardcurran.com>

Sent: Monday, March 24, 2025 1:56 PM

To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>

Cc: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>; Jill Tribley <jtribley@woodardcurran.com>; Clayton Hefner <CHefner@woodardcurran.com>

Subject: Canister Drop Off Confirmation / Pick Up Schedule Change

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Hi Yazmeen,

Our field team received IA, AA canisters along with an additional 10 1-hr canisters set at 100 ml/min this morning.

We would like to schedule the drop off of SSGS canisters and pick up of IA/AA canisters at 9 AM Wednesday morning (March 26th, 2025).

Would you let us know how many canisters we should expect to receive next? Could you send over the order confirmation for this next round of canisters?

Thank you!

Best regards,
Steph

Stephanie Rogacki, MS, CSM
Environmental Scientist 3| she/her



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✉️ srogacki@woodardcurran.com

📍 [800 Westchester Avenue, Suite N507, Rye Brook, NY 10573](#)



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Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Chemtech

Location: 284 Sheffield Street, Mountainside, NJ 7092

~~NORGE~~

Title: Sample Custodian

Field Sample Seal No.: Q1669

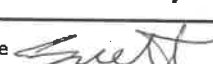
Date Broken 3/27/2025

Military Time Seal Broken: 11:25:00

Case No.: US EPA Riverside Industria

Analytical Parameter/Fraction TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q1669-01	IA-B9-3-3262025		
Q1669-02	IA-B9-2-3262025		
Q1669-03	IA-B9-1-3262025		
Q1669-04	AA-2-3252025		
Q1669-05	SSSG-B16-3-3262025		
Q1669-06	SSSG-DUP-1-3262025		
Q1669-07	SSSG-B16-1-3262025		
Q1669-08	SSSG-B16-2-3262025		
Q1669-09	AA-3-3252025		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
3/27	1440	Signature 	Signature 	
		Printed Name <u>G. N. Gouge</u>	Printed Name <u>Sample Custodian</u>	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report)

Yellow - Contractor Archive

Pink - Sample Custodian - Interim Copy

AIR SAMPLE PRESSURE & DILUTION LOGBOOKAnalyst Signature: *John Lind*Supervisor Signature: *Sut*

METHOD: TO-15

Pressure Gauge ID: A255971

Date	Sample Number	Canister #	Initial Pressure psia	Initial Pressure Hg	Final Pressure psia	Final Pressure Hg	Dilution Factor	Comment
03/25/25	Q1665-22	10306	11.2	-7.1				sy
03/27/25	Q1668-01	10588	11.8	-5.9				↓
03/27/25	Q1668-02	10269	12.0	-5.5				
↓	Q1668-03	10060	12.0	-5.5				
↓	Q1668-04	10601	12.4	-4.7				
03/27/25	Q1669-01	10311	11.0	-7.5				
↓	Q1669-02	10283	11.8	-5.9				
	Q1669-03	10320	11.6	-6.3				
	Q1669-04	10267	12.4	-4.7				
	Q1669-05	10607	13.0	-3.5				
	Q1669-06	10606	13.8	-1.8				
	Q1669-07	10445	10.8	-8.0				
	Q1669-08	10282	11.2	-7.1				
↓	Q1669-09	10285	11.6	-6.3				

1159
571

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 1A-B9-3-3/26/25
Client Name: W+C
Project Name: Riverside
Date: 3/26-3/27/25 Time: 0909 (3/27/25)
Analysis: TO-15
Comments: _____
CHEMTECH'S
Date Received: _____

Storage Location: Air Lab
Sample: Q1669-01
Cust #: IA-B9-3-32625

Disposal: _____

651
28201

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 1A-B9-2-3/26/25
Client Name: W+C
Project Name: Riverside
Date: 3/26-3/27/25 Time: 0932 (3/27/25)
Analysis: TO-15
Comments: _____
CHEMTECH'S
Date Received: _____

Storage Location: Air Lab
Sample: Q1669-02
Cust #: IA-B9-2-32625

Disposal: _____

639-
28201

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 1A-B9-1-3/26/25
Client Name: W+C
Project Name: Riverside
Date: 3/26/25 Time: 0905 (3/27/25)
Analysis: TO-15
Comments: _____
CHEMTECH'S
Date Received: _____

Storage Location: Air Lab
Sample: Q1669-03
Cust #: IA-B9-1-32625

Disposal: _____

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: SSSG-B16-3-3/26/25Client Name: W+CProject Name: RiversideDate: 3/26/15 Time: 1539Analysis: TO-15

Comments: _____

Storage Location: Air Lab

Sample: Q1669-05

Cust #: SSSG-B16-3-32625

CHEMTECH'S
Date Received: _____

Disposal: _____

B3502051

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: AA-1-3/25/15Client Name: Wacker & CarraroProject Name: PPG RivisideDate: 3/25/15 Time: 0954Analysis: TO-15

Comments: _____

Storage Location: Air Lab

Sample: Q1669-04

Cust #: AA-2-3262025

CHEMTECH'S
Date Received: _____

Disposal: _____

B3502051

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: SSSG-DUP-1-3/26/25Client Name: W+CProject Name: RiversideDate: 3/26/25 Time: 1400 - 1500Analysis: TO-15

Comments: _____

Storage Location: Air Lab

Sample: Q1669-06

Cust #: SSSG-DUP-1-32625

CHEMTECH'S

Date Received: _____

Disposal: _____

B3502051

10445
8.8

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

CHEMTECH

Client Sample ID #: SSSG-B16-1-3/26/25
 Client Name: WtC
 Project Name: Riverside
 Date: 3/26/25 Time: 1520
 Analysis: PO-15
 Comments: _____
 CHEMTECH'S SAMPLING
 Date Received: _____

Storage Location: Air Lab
 Sample: Q1669-07
 Cust #: SSSG-B16-1-32625

dispose: B2502051

10282
17

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

CHEMTECH

Client Sample ID #: SSSG-B16-2-3/26/25
 Client Name: WtC
 Project Name: Riverside
 Date: 3/26/25 Time: 15:26
 Analysis: TO-15
 Comments: _____
 CHEMTECH'S SAMPLING
 Date Received: _____

Storage Location: Air Lab
 Sample: Q1669-08
 Cust #: SSSG-B16-2-32625

dispose: B2502051

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

CHEMTECH

Client Sample ID #: AA-1-3/26/25
 Client Name: WtC
 Project Name: Riverside
 Date: 3/26/25 Time: 0857 (3/27/25)
 Analysis: TO-15
 Comments: _____
 CHEMTECH'S SAMPLING
 Date Received: _____

Storage Location: Air Lab
 Sample: Q1669-09
 Cust #: AA-3-3252025

dispose: B2502051