

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) : Q1726 Sampling Date(s) : 4/01/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **SMO,SOP,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 : Q1726

Project ID : US EPA Riverside Industrial Park Superfund Site

Client : Woodard & Curran

Lab Sample Number

Q1726-01
Q1726-02
Q1726-03
Q1726-04
Q1726-05
Q1726-06
Q1726-07

Client Sample Number

IA-DUP-3-03312025
IA-B2-6-03312025
IA-B2-2-03312025
IA-B2-5-03312025
IA-B2-1-03312025
IA-B2-3-03312025
IA-B2-4-03312025

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: 7/3/2025

CASE NARRATIVE

Woodard & Curran

Project Name: US EPA Riverside Industrial Park Superfund Site

Project # N/A

Chemtech Project # Q1726

Test Name: TO-15

A. Number of Samples and Date of Receipt:

7 Air samples were received on 04/03/2025.

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 {Q1726-06DL2DUP} with File ID: VL042393.D met criteria except for Ethanol[27.5%] due to difference in results of Original and DUP.

The Blank Spike for {VL0417ABS01} with File ID: VL042358.D met requirements for all samples except for Ethanol[32%] this compound did not meet the NJDKQP criteria and the in-house criteria.

The Blank Spike for {VL0418ABS01} with File ID: VL042385.D met requirements for all samples except for Ethanol[23%], Heptane[68%], Methyl methacrylate[69%] and Tetrahydrofuran[69%], these compounds did not meet the NJDKQP criteria and the in-house criteria also it is failing low but only dilution samples analyzed under this Blank spike therefore no corrective action taken.

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

The Initial Calibration with dated 04/17/2025 with L Instrument met the requirements except for Ethanol.

The Continuous Calibration File ID VL042383.D met the requirements except for Ethanol, 1,4-Dioxane, 4-Methyl-2-Pentanone and Tetrahydrofuran are failing low but only dilution samples analyzed under this Continuous Calibration therefore no corrective action taken.

The Tuning criteria met requirements.

Samples IA-DUP-3-03312025, IA-DUP-3-03312025DL, IA-B2-6-03312025, IA-B2-6-03312025DL, IA-B2-2-03312025, IA-B2-2-03312025DL, IA-B2-5-03312025, IA-B2-5-03312025DL, IA-B2-1-03312025, IA-B2-1-03312025DL, IA-B2-3-03312025, IA-B2-3-03312025DL, IA-B2-4-03312025 and IA-B2-4-03312025DL were diluted due to high concentrations.

E. Additional Comments:

This data Package has been revised to include Parameter Bromoethene, Ethanol and isopropyl alcohol.

This data Package has been revised to include DUP raw data.

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 Sample # IA-DUP-3-03312025DL, IA-DUP-3-03312025DL2, IA-B2-6-03312025DL, IA-B2-2-03312025DL, IA-B2-1-03312025DL2 and IA-B2-4-03312025DL2 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The Manual Integrations are performed for the followings.

Manual Integration Report			
Sequence	VL041725	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042349.D	m/p-Xylene	SAM	4/18/2025 4:19:07 PM	MMDado da	4/18/2025 10:45:20 PM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042350.D	1,4-Dioxane	SAM	4/18/2025 4:19:12 PM	MMDado da	4/18/2025 10:45:17 PM	Peak Integrated by Software

							incorrectly
VSTDICCO02	VL042350.D	cis-1,3-Dichloropropene	SAM	4/18/2025 4:19:12 PM	MMDado da	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCO02	VL042350.D	Ethanol	SAM	4/18/2025 4:19:12 PM	MMDado da	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCO02	VL042350.D	Heptane	SAM	4/18/2025 4:19:12 PM	MMDado da	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCO02	VL042350.D	m/p-Xylene	SAM	4/18/2025 4:19:12 PM	MMDado da	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCO02	VL042350.D	Trichloroethene	SAM	4/18/2025 4:19:12 PM	MMDado da	4/18/2025 10:45:17 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042351.D	1,1,2-Trichloroethane	SAM	4/18/2025 4:19:17 PM	MMDado da	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDICCO01	VL042351.D	1,3-Butadiene	SAM	4/18/2025 4:19:17 PM	MMDado da	4/18/2025 10:45:15 PM	Peak Integrated by Software

							e incorec tly
VSTDICCO 01	VL04235 1.D	1,4-Dioxane	SAM	4/18/20 25 4:19:17 PM	MMDado da	4/18/20 25 10:45:1 5 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 01	VL04235 1.D	2,2,4- Trimethylpentane	SAM	4/18/20 25 4:19:17 PM	MMDado da	4/18/20 25 10:45:1 5 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 01	VL04235 1.D	cis-1,3- Dichloropropene	SAM	4/18/20 25 4:19:17 PM	MMDado da	4/18/20 25 10:45:1 5 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 01	VL04235 1.D	Cyclohexane	SAM	4/18/20 25 4:19:17 PM	MMDado da	4/18/20 25 10:45:1 5 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 01	VL04235 1.D	Ethanol	SAM	4/18/20 25 4:19:17 PM	MMDado da	4/18/20 25 10:45:1 5 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 01	VL04235 1.D	Heptane	SAM	4/18/20 25 4:19:17 PM	MMDado da	4/18/20 25 10:45:1 5 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 01	VL04235 1.D	m/p-Xylene	SAM	4/18/20 25 4:19:17	MMDado da	4/18/20 25 10:45:1	Peak Integrat ed by

				PM		5 PM	Software incorrectly
VSTDIC001	VL04235 1.D	Methyl Methacrylate	SAM	4/18/2025 4:19:17 PM	MMDado da	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC001	VL04235 1.D	t-1,3-Dichloropropene	SAM	4/18/2025 4:19:17 PM	MMDado da	4/18/2025 10:45:15 PM	Peak Integrated by Software incorrectly
VSTDIC005	VL04235 2.D	1,1,2-Trichloroethane	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC005	VL04235 2.D	1,2-Dichloropropane	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC005	VL04235 2.D	1,4-Dioxane	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC005	VL04235 2.D	4-Methyl-2-Pentanone	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC005	VL04235 2.D	Chlorobenzene	SAM	4/18/2025	MMDado da	4/18/2025	Peak Integrated

				4:20:33 PM		10:45:07 PM	ed by Software incorrectly
VSTDIC0.5	VL04235 2.D	cis-1,3-Dichloropropene	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Ethanol	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Heptane	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	m/p-Xylene	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Methyl Methacrylate	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	t-1,3-Dichloropropene	SAM	4/18/2025 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Tetrahydrofuran	SAM	4/18/2025	MMDado da	4/18/2025	Peak

5	2.D			25 4:20:33 PM	da	25 10:45:0 7 PM	Integrat ed by Softwar e incorrec tly
VSTDICCO. 1	VL04235 3.D	1,1,1- Trichloroethane	SAM	4/18/20 25 4:20:37 PM	MMDado da	4/18/20 25 10:45:0 4 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO. 1	VL04235 3.D	1,1,2,2- Tetrachloroethan e	SAM	4/18/20 25 4:20:37 PM	MMDado da	4/18/20 25 10:45:0 4 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO. 1	VL04235 3.D	1,2- Dibromoethane	SAM	4/18/20 25 4:20:37 PM	MMDado da	4/18/20 25 10:45:0 4 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO. 1	VL04235 3.D	Tetrachloroethen e	SAM	4/18/20 25 4:20:37 PM	MMDado da	4/18/20 25 10:45:0 4 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO. 1	VL04235 3.D	Trichloroethene	SAM	4/18/20 25 4:20:37 PM	MMDado da	4/18/20 25 10:45:0 4 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO. 03	VL04235 4.D	1,1,1- Trichloroethane	SAM	4/18/20 25 4:19:24 PM	MMDado da	4/18/20 25 10:45:0 2 PM	Peak Integrat ed by Softwar e incorrec tly

VSTDICCO.03	VL04235 4.D	1,1,2,2-Tetrachloroethane	SAM	4/18/20 25 4:19:24 PM	MMDado da	4/18/20 25 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04235 4.D	Carbon Tetrachloride	SAM	4/18/20 25 4:19:24 PM	MMDado da	4/18/20 25 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04235 4.D	Tetrachloroethene	SAM	4/18/20 25 4:19:24 PM	MMDado da	4/18/20 25 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL04235 4.D	Trichloroethene	SAM	4/18/20 25 4:19:24 PM	MMDado da	4/18/20 25 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO15	VL04235 5.D	m/p-Xylene	SAM	4/18/20 25 4:21:35 PM	MMDado da	4/18/20 25 10:44:59 PM	Peak Integrated by Software incorrectly
VSTDICV010	VL04235 6.D	m/p-Xylene	SAM	4/18/20 25 4:20:42 PM	MMDado da	4/18/20 25 10:44:57 PM	Peak Integrated by Software incorrectly
VL0417AB S01	VL04235 8.D	m/p-Xylene	SAM	4/18/20 25 4:21:39 PM	MMDado da	4/18/20 25 10:44:55 PM	Peak Integrated by Software incorrectly

Q1726-01	VL04236 6.D	1,2-Dichloroethane	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-01	VL04236 6.D	Carbon Tetrachloride	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-01	VL04236 6.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-01	VL04236 6.D	n-Butylbenzene	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-01	VL04236 6.D	Naphthalene,2- methyl-	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-01	VL04236 6.D	Propene	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-01	VL04236 6.D	Tetrachloroethen e	SAM	4/18/20 25 4:19:35 PM	MMDado da	4/18/20 25 10:44:2 6 PM	Peak Integrat ed by Softwar e incorrec tly

Q1726-02	VL04236 7.D	1,1,1- Trichloroethane	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-02	VL04236 7.D	Carbon Tetrachloride	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-02	VL04236 7.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-02	VL04236 7.D	Chloroform	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-02	VL04236 7.D	Cyclohexane	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-02	VL04236 7.D	Propene	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-02	VL04236 7.D	Tetrachloroethen e	SAM	4/18/20 25 4:20:08 PM	MMDado da	4/18/20 25 10:45:5 1 PM	Peak Integrat ed by Softwar e incorrec tly

Q1726-03	VL04236 8.D	1,1,1- Trichloroethane	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	Carbon Tetrachloride	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	Chloroform	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	n-Butylbenzene	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	Naphthalene,2- methyl-	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	Propene	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly

Q1726-03	VL04236 8.D	tert-Butyl alcohol	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-03	VL04236 8.D	Tetrachloroethen e	SAM	4/18/20 25 4:21:50 PM	MMDado da	4/18/20 25 10:44:2 4 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-04	VL04236 9.D	1,1,1- Trichloroethane	SAM	4/18/20 25 4:21:55 PM	MMDado da	4/18/20 25 10:44:1 8 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-04	VL04236 9.D	Carbon Tetrachloride	SAM	4/18/20 25 4:21:55 PM	MMDado da	4/18/20 25 10:44:1 8 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-04	VL04236 9.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:21:55 PM	MMDado da	4/18/20 25 10:44:1 8 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-04	VL04236 9.D	Propene	SAM	4/18/20 25 4:21:55 PM	MMDado da	4/18/20 25 10:44:1 8 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-04	VL04236 9.D	tert-Butyl alcohol	SAM	4/18/20 25 4:21:55 PM	MMDado da	4/18/20 25 10:44:1 8 PM	Peak Integrat ed by Softwar e incorrec tly

Q1726-04	VL042369.D	Tetrachloroethene	SAM	4/18/2025 4:21:55 PM	MMDado da	4/18/2025 10:44:18 PM	Peak Integrated by Software incorrectly
Q1726-05	VL042370.D	1,1,1-Trichloroethane	SAM	4/18/2025 4:21:04 PM	MMDado da	4/18/2025 10:44:08 PM	Peak Integrated by Software incorrectly
Q1726-05	VL042370.D	Chlorodifluoromethane	SAM	4/18/2025 4:21:04 PM	MMDado da	4/18/2025 10:44:08 PM	Peak Integrated by Software incorrectly
Q1726-05	VL042370.D	Cyclohexane	SAM	4/18/2025 4:21:04 PM	MMDado da	4/18/2025 10:44:08 PM	Peak Integrated by Software incorrectly
Q1726-05	VL042370.D	Propene	SAM	4/18/2025 4:21:04 PM	MMDado da	4/18/2025 10:44:08 PM	Peak Integrated by Software incorrectly
Q1726-05	VL042370.D	tert-Butyl alcohol	SAM	4/18/2025 4:21:04 PM	MMDado da	4/18/2025 10:44:08 PM	Peak Integrated by Software incorrectly
Q1726-05	VL042370.D	Tetrachloroethene	SAM	4/18/2025 4:21:04 PM	MMDado da	4/18/2025 10:44:08 PM	Peak Integrated by Software incorrectly

Q1726-06	VL04237 1.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:20:03 PM	MMDado da	4/18/20 25 10:44:0 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-06	VL04237 1.D	n-Butylbenzene	SAM	4/18/20 25 4:20:03 PM	MMDado da	4/18/20 25 10:44:0 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-06	VL04237 1.D	Propene	SAM	4/18/20 25 4:20:03 PM	MMDado da	4/18/20 25 10:44:0 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-06	VL04237 1.D	tert-Butyl alcohol	SAM	4/18/20 25 4:20:03 PM	MMDado da	4/18/20 25 10:44:0 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-06	VL04237 1.D	Tetrachloroethen e	SAM	4/18/20 25 4:20:03 PM	MMDado da	4/18/20 25 10:44:0 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-06	VL04237 1.D	Trichloroethene	SAM	4/18/20 25 4:20:03 PM	MMDado da	4/18/20 25 10:44:0 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	4-Methyl-2- Pentanone	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly

Q1726-07	VL04237 2.D	Carbon Tetrachloride	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	Chloroform	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	n-Butylbenzene	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	Propene	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	tert-Butyl alcohol	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly
Q1726-07	VL04237 2.D	Tetrachloroethen e	SAM	4/18/20 25 4:20:49 PM	MMDado da	4/18/20 25 10:44:0 2 PM	Peak Integrat ed by Softwar e incorrec tly

Q1726-07DL	VL04237 3.D	2,2,4-Trimethylpentane	SAM	4/18/20 25 4:22:12 PM	MMDado da	4/18/20 25 10:43:58 PM	Peak Integrated by Software incorrectly
Q1726-07DL	VL04237 3.D	Heptane	SAM	4/18/20 25 4:22:12 PM	MMDado da	4/18/20 25 10:43:58 PM	Peak Integrated by Software incorrectly
Q1726-07DL	VL04237 3.D	m/p-Xylene	SAM	4/18/20 25 4:22:12 PM	MMDado da	4/18/20 25 10:43:58 PM	Peak Integrated by Software incorrectly
Q1726-07DL	VL04237 3.D	Propene	SAM	4/18/20 25 4:22:12 PM	MMDado da	4/18/20 25 10:43:58 PM	Peak Integrated by Software incorrectly
Q1726-01DL	VL04237 6.D	Benzene	SAM	4/18/20 25 4:19:57 PM	MMDado da	4/18/20 25 10:43:47 PM	Peak Integrated by Software incorrectly
Q1726-01DL	VL04237 6.D	Cyclohexane	SAM	4/18/20 25 4:19:57 PM	MMDado da	4/18/20 25 10:43:47 PM	Peak Integrated by Software incorrectly
Q1726-01DL	VL04237 6.D	Propene	SAM	4/18/20 25 4:19:57 PM	MMDado da	4/18/20 25 10:43:47 PM	Peak Integrated by Software incorrectly

Q1726-02DL	VL04237 7.D	Benzene	SAM	4/18/20 25 4:21:15 PM	MMDado da	4/18/20 25 10:43:43 PM	Peak Integrated by Software incorrectly
Q1726-02DL	VL04237 7.D	Cyclohexane	SAM	4/18/20 25 4:21:15 PM	MMDado da	4/18/20 25 10:43:43 PM	Peak Integrated by Software incorrectly
Q1726-02DL	VL04237 7.D	Heptane	SAM	4/18/20 25 4:21:15 PM	MMDado da	4/18/20 25 10:43:43 PM	Peak Integrated by Software incorrectly
Q1726-02DL	VL04237 7.D	m/p-Xylene	SAM	4/18/20 25 4:21:15 PM	MMDado da	4/18/20 25 10:43:43 PM	Peak Integrated by Software incorrectly
Q1726-02DL	VL04237 7.D	n-propylbenzene	SAM	4/18/20 25 4:21:15 PM	MMDado da	4/18/20 25 10:43:43 PM	Peak Integrated by Software incorrectly
Q1726-02DL	VL04237 7.D	Propene	SAM	4/18/20 25 4:21:15 PM	MMDado da	4/18/20 25 10:43:43 PM	Peak Integrated by Software incorrectly
Q1726-03DL	VL04237 8.D	1,3,5-Trimethylbenzene	SAM	4/18/20 25 4:21:23 PM	MMDado da	4/18/20 25 10:43:37 PM	Peak Integrated by Software incorrectly

Q1726-03DL	VL04237 8.D	2,2,4-Trimethylpentane	SAM	4/18/20 25 4:21:23 PM	MMDado da	4/18/20 25 10:43:37 PM	Peak Integrated by Software incorrectly
Q1726-03DL	VL04237 8.D	Heptane	SAM	4/18/20 25 4:21:23 PM	MMDado da	4/18/20 25 10:43:37 PM	Peak Integrated by Software incorrectly
Q1726-03DL	VL04237 8.D	m/p-Xylene	SAM	4/18/20 25 4:21:23 PM	MMDado da	4/18/20 25 10:43:37 PM	Peak Integrated by Software incorrectly
Q1726-03DL	VL04237 8.D	Propene	SAM	4/18/20 25 4:21:23 PM	MMDado da	4/18/20 25 10:43:37 PM	Peak Integrated by Software incorrectly
Q1726-04DL	VL04237 9.D	2,2,4-Trimethylpentane	SAM	4/18/20 25 4:19:52 PM	MMDado da	4/18/20 25 10:43:34 PM	Peak Integrated by Software incorrectly
Q1726-04DL	VL04237 9.D	Benzene	SAM	4/18/20 25 4:19:52 PM	MMDado da	4/18/20 25 10:43:34 PM	Peak Integrated by Software incorrectly
Q1726-04DL	VL04237 9.D	Heptane	SAM	4/18/20 25 4:19:52 PM	MMDado da	4/18/20 25 10:43:34 PM	Peak Integrated by Software incorrectly

Q1726-04DL	VL042379.D	n-propylbenzene	SAM	4/18/2025 4:19:52 PM	MMDado da	4/18/2025 10:43:34 PM	Peak Integrated by Software incorrectly
Q1726-05DL	VL042380.D	Heptane	SAM	4/18/2025 4:19:46 PM	MMDado da	4/18/2025 10:43:30 PM	Peak Integrated by Software incorrectly
Q1726-05DL	VL042380.D	Propene	SAM	4/18/2025 4:19:46 PM	MMDado da	4/18/2025 10:43:30 PM	Peak Integrated by Software incorrectly
Q1726-06DL	VL042381.D	2-Butanone	SAM	4/18/2025 4:19:42 PM	MMDado da	4/18/2025 10:45:53 PM	Peak Integrated by Software incorrectly
Q1726-06DL	VL042381.D	Heptane	SAM	4/18/2025 4:19:42 PM	MMDado da	4/18/2025 10:45:53 PM	Peak Integrated by Software incorrectly
Q1726-06DL	VL042381.D	Hexane	SAM	4/18/2025 4:19:42 PM	MMDado da	4/18/2025 10:45:53 PM	Peak Integrated by Software incorrectly
Q1726-06DL	VL042381.D	m/p-Xylene	SAM	4/18/2025 4:19:42 PM	MMDado da	4/18/2025 10:45:53 PM	Peak Integrated by Software incorrectly

Q1726-06DL	VL042381.D	Propene	SAM	4/18/2025 4:19:42 PM	MMDado da	4/18/2025 10:45:53 PM	Peak Integrated by Software incorrectly
Q1726-06DL	VL042381.D	Toluene	SAM	4/18/2025 4:19:42 PM	MMDado da	4/18/2025 10:45:53 PM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	VL041825	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042383.D	m/p-Xylene	SAM	4/21/2025 7:55:57 AM	MMDado da	4/21/2025 3:26:35 PM	Peak Integrated by Software incorrectly
VL0418ABS01	VL042385.D	m/p-Xylene	SAM	4/21/2025 7:56:01 AM	MMDado da	4/21/2025 3:26:35 PM	Peak Integrated by Software incorrectly
Q1726-07DL2	VL042386.D	m/p-Xylene	SAM	4/21/2025 7:56:07 AM	MMDado da	4/21/2025 3:26:35 PM	Peak Integrated by Software incorrectly
Q1726-07DL2	VL042386.D	Toluene	SAM	4/21/2025 7:56:07 AM	MMDado da	4/21/2025 3:26:35 PM	Peak Integrated by Software

							incorrectly
Q1726-01DL2	VL042387.D	1,3,5-Trimethylbenzene	SAM	4/21/2025 7:56:30 AM	MMDado da	4/21/2025 3:26:37 PM	Peak Integrated by Software incorrectly
Q1726-01DL2	VL042387.D	Ethyl Benzene	SAM	4/21/2025 7:56:30 AM	MMDado da	4/21/2025 3:26:37 PM	Peak Integrated by Software incorrectly
Q1726-01DL2	VL042387.D	Heptane	SAM	4/21/2025 7:56:30 AM	MMDado da	4/21/2025 3:26:37 PM	Peak Integrated by Software incorrectly
Q1726-02DL2	VL042388.D	2,2,4-Trimethylpentane	SAM	4/21/2025 7:56:12 AM	MMDado da	4/21/2025 3:26:38 PM	Peak Integrated by Software incorrectly
Q1726-02DL2	VL042388.D	Ethyl Benzene	SAM	4/21/2025 7:56:12 AM	MMDado da	4/21/2025 3:26:38 PM	Peak Integrated by Software incorrectly
Q1726-02DL2	VL042388.D	Heptane	SAM	4/21/2025 7:56:12 AM	MMDado da	4/21/2025 3:26:38 PM	Peak Integrated by Software incorrectly
Q1726-02DL2	VL042388.D	o-Xylene	SAM	4/21/2025 7:56:12 AM	MMDado da	4/21/2025 3:26:38 PM	Peak Integrated by Software

							e incorrect ly
Q1726-04DL2	VL042389.D	2,2,4-Trimethylpentane	SAM	4/21/2025 7:56:35 AM	MMDado da	4/21/2025 3:26:40 PM	Peak Integrated by Software incorrectly
Q1726-04DL2	VL042389.D	Ethyl Benzene	SAM	4/21/2025 7:56:35 AM	MMDado da	4/21/2025 3:26:40 PM	Peak Integrated by Software incorrectly
Q1726-04DL2	VL042389.D	Heptane	SAM	4/21/2025 7:56:35 AM	MMDado da	4/21/2025 3:26:40 PM	Peak Integrated by Software incorrectly
Q1726-03DL2	VL042390.D	Toluene	SAM	4/21/2025 7:56:40 AM	MMDado da	4/21/2025 3:26:42 PM	Peak Integrated by Software incorrectly
Q1726-05DL2	VL042391.D	m/p-Xylene	SAM	4/21/2025 7:56:45 AM	MMDado da	4/21/2025 3:26:44 PM	Peak Integrated by Software incorrectly
Q1726-05DL2	VL042391.D	Toluene	SAM	4/21/2025 7:56:45 AM	MMDado da	4/21/2025 3:26:44 PM	Peak Integrated by Software incorrectly
Q1726-06DL2	VL042392.D	Toluene	SAM	4/21/2025 7:56:17	MMDado da	4/21/2025 3:26:46	Peak Integrated by



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

				AM		PM	Software incorrectly
Q1726- 06DL2DUP	VL042393 .D	Toluene	SAM	4/21/20 25 7:56:21 AM	MMDado da	4/21/20 25 3:26:48 PM	Peak Integrated by Software incorrectly

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 #: Q1726

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: 07/03/2025