

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) : Q1665 Sampling Date(s) : 3/24/2025,03/25/2025
 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 : Q1665

Project ID : US EPA Riverside Industrial Park Superfund Site

Client : Woodard & Curran

Lab Sample Number

Q1665-01
Q1665-03
Q1665-04
Q1665-05
Q1665-06
Q1665-07
Q1665-08
Q1665-09
Q1665-10
Q1665-11
Q1665-12
Q1665-15
Q1665-16
Q1665-18
Q1665-19
Q1665-20
Q1665-21
Q1665-22

Client Sample Number

AA-DUP-1-3242025
IA-B10-2-3242025
AA-1-3242025
IA-B2-3-3242025
IA-B9-1-3242025
IA-DUP-1-3242025
IA-DUP-2-3242025
IA-B9-2-3242025
IA-B10-4-3242025
IA-B10-1-3242025
IA-B2-6-3242025
IA-B14-1-3242025
IA-B2-5-3242025
IA-B10-3-3242025
IA-B2-2-3242025
IA-B9-3-3242025
IA-B2-1-3242025
IA-B2-4-3242025

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



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CASE NARRATIVE

Woodard & Curran

Project Name: US EPA Riverside Industrial Park Superfund Site

Project # N/A

Chemtech Project # Q1665

Test Name: TO-15

A. Number of Samples and Date of Receipt:

18 Air samples were received on 03/26/2025.

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:

Samples IA-B2-3-3242025, IA-DUP-1-3242025, IA-B2-6-3242025, IA-B2-5-3242025, IAB2-2-3242025, IA-B2-1-3242025 and IA-B2-4-3242025 Aalyzed out of holding time, Lab notified this issue to the client. See the communication in shipping Document section.

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 {Q1665-01DUP} with File ID: VL042291.D met criteria except for m/p-Xylene[200%], due to difference in results of original and DUP.

The RPD for {Q1665-03DUP} with File ID: VL042318.D met criteria except for m/p-Xylene[200%], due to difference in results of original and DUP.

The Blank Spike for {VL0409ABS02} with File ID: VL042289.D met requirements for all samples except for Ethanol [45%], this compound did not meet the NJDKQP criteria and the in-house criteria.

The Blank Spike for {VL0411ABS01} with File ID: VL042314.D met requirements for all samples except for 1,1,2,2-Tetrachloroethane[132%], 1,2-Dichlorobenzene[132%], these compounds did not meet the NJDKQP criteria and the in-



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house criteria also it is failing high but no positive hit in associated samples therefore no corrective action taken. while Ethanol [42%] this compound did not meet the NJDKQP criteria and the in-house criteria.

The Blank Spike for {VL0415ABS01} with File ID: VL042328.D met requirements for all samples except for Methylene Chloride[67%], tert-Butyl Alcohol[68%], 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. while Ethanol [39%] this compound did not meet the NJDKQP criteria and the in-house criteria.

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 {VL0428ABS01} with File ID: VL042418.D met requirements for all samples except for Ethanol [30%], this compound did not meet the NJDKQP criteria and the in-house criteria

The Blank Spike for {VL0429ABS01} with File ID: VL042438.D met requirements for all samples except for Ethanol [29%], this compound did not meet the NJDKQP criteria and the in-house criteria

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

The Initial Calibration with dated 03/27/2025 with L Instrument met the requirements except for Ethanol.

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

The Continuous Calibration File ID VL042286.D met the requirements except for Ethanol.

The Continuous Calibration File ID VL042312.D met the requirements except for Ethanol.

The Continuous Calibration File ID VL042326.D met the requirements except for Methylene Chloride and tert-Butyl alcohol are failing low but only dilution samples analyzed under this Continuous Calibration therefore no corrective action taken. While Ethanol did not meet the requirements.

The Continuous Calibration File ID VL042349.D met the requirements except for Ethanol.



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The Continuous Calibration File ID VL042416.D met the requirements except for Ethanol.

The Continuous Calibration File ID VL042436.D met the requirements except for Ethanol.

The Tuning criteria met requirements.

Samples IA-B10-2-3242025, IA-DUP-1-3242025, IA-B10-4-3242025, IA-B10-4-3242025DL, IA-B10-1-3242025, IA-B14-1-3242025, IA-B10-3-3242025, IA-B2-2-3242025 and IA-B2-1-3242025 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 #AA-DUP-1-3242025,IA-B10-2-3242025,AA-1-3242025, IA-B9-1-3242025, IA-DUP-2-3242025,IA-B9-2-3242025 ,IA-B10-4-3242025, IA-B10-1-3242025,IA-B2-6-3242025,IA-B14-1-3242025,IA-B14-1-3242025DL,IAB10-3-3242025, IA-DUP-1- 3242025DL, IA-B2-2-3242025DL and IAB2-1-3242025DL 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	VL032725	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL042172.D	m/p-Xylene	SAM	3/31/2025 11:24:55 AM	MMDado da	4/3/2025 8:05:09 AM	Peak Integrated by Software incorrectly
VSTDICCC002	VL042173.D	1,4-Dioxane	SAM	3/31/2025 11:25:0	MMDado da	4/3/2025 8:05:13	Peak Integrated by

				0 AM		AM	Software incorrectly
VSTDIC002	VL042173.D	Ethanol	SAM	3/31/2025 11:25:00 AM	MMDado da	4/3/2025 8:05:13 AM	Peak Integrated by Software incorrectly
VSTDIC002	VL042173.D	m/p-Xylene	SAM	3/31/2025 11:25:00 AM	MMDado da	4/3/2025 8:05:13 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	1,4-Dioxane	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	4-Methyl-2-Pentanone	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	Ethanol	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	m/p-Xylene	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	Methyl Methacrylate	SAM	3/31/2025	MMDado da	4/3/2025	Peak Integrated

				11:26:28 AM		8:05:22 AM	ed by Software incorrectly
VSTDIC001	VL042174.D	Propene	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	t-1,3-Dichloropropene	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	trans-1,2-Dichloroethene	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC001	VL042174.D	Vinyl Acetate	SAM	3/31/2025 11:26:28 AM	MMDado da	4/3/2025 8:05:22 AM	Peak Integrated by Software incorrectly
VSTDIC005	VL042175.D	1,1,2-Trichloroethane	SAM	3/31/2025 11:26:33 AM	MMDado da	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC005	VL042175.D	1,4-Dioxane	SAM	3/31/2025 11:26:33 AM	MMDado da	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly
VSTDIC005	VL042175.D	cis-1,3-	SAM	3/31/2025	MMDado da	4/3/2025	Peak

5	.D	Dichloropropene		25 11:26:33 AM	da	5 8:05:37 AM	Integrated by Software incorrectly
VSTDIC0.5	VL042175.D	Cyclohexane	SAM	3/31/2025 11:26:33 AM	MMDado da	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	MMDado da	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	MMDado da	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	MMDado da	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	MMDado da	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	MMDado da	4/3/2025 8:05:37 AM	Peak Integrated by Software incorrectly

VSTDICCO.1	VL042176.D	1,1,1-Trichloroethane	SAM	3/31/2025 11:25:04 AM	MMDado da	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL042176.D	1,1,2,2-Tetrachloroethane	SAM	3/31/2025 11:25:04 AM	MMDado da	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL042176.D	1,2-Dibromoethane	SAM	3/31/2025 11:25:04 AM	MMDado da	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL042176.D	Carbon Tetrachloride	SAM	3/31/2025 11:25:04 AM	MMDado da	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectly
VSTDICCO.1	VL042176.D	Trichloroethene	SAM	3/31/2025 11:25:04 AM	MMDado da	4/3/2025 8:05:45 AM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL042177.D	1,1,1-Trichloroethane	SAM	3/31/2025 11:26:39 AM	MMDado da	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL042177.D	1,1,2,2-Tetrachloroethane	SAM	3/31/2025 11:26:39 AM	MMDado da	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectly

VSTDICC0.03	VL042177.D	Carbon Tetrachloride	SAM	3/31/2025 11:26:39 AM	MMDado da	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042177.D	Tetrachloroethene	SAM	3/31/2025 11:26:39 AM	MMDado da	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042177.D	Trichloroethene	SAM	3/31/2025 11:26:39 AM	MMDado da	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL042177.D	Vinyl Chloride	SAM	3/31/2025 11:26:39 AM	MMDado da	4/3/2025 8:05:59 AM	Peak Integrated by Software incorrectly
VSTDICC015	VL042178.D	m/p-Xylene	SAM	3/31/2025 11:25:14 AM	MMDado da	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	MMDado da	4/3/2025 8:06:14 AM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	VL040925	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042286.D	m/p-Xylene	SAM	4/10/2025 12:04:04 PM	MMDado da	4/10/2025 3:39:20 PM	Peak Integrated by Software incorrectly
VL0409AB S01	VL042288.D	m/p-Xylene	SAM	4/10/2025 12:04:11 PM	MMDado da	4/10/2025 7:20:44 PM	Peak Integrated by Software incorrectly
VL0409AB S02	VL042289.D	m/p-Xylene	SAM	4/10/2025 12:04:58 PM	MMDado da	4/10/2025 7:20:47 PM	Peak Integrated by Software incorrectly
Q1665-01	VL042290.D	Benzene	SAM	4/10/2025 12:05:04 PM	MMDado da	4/10/2025 7:20:50 PM	Peak Integrated by Software incorrectly
Q1665-01	VL042290.D	Carbon Tetrachloride	SAM	4/10/2025 12:05:04 PM	MMDado da	4/10/2025 7:20:50 PM	Peak Integrated by Software incorrectly
Q1665-01	VL042290.D	Chlorodifluoromethane	SAM	4/10/2025 12:05:04 PM	MMDado da	4/10/2025 7:20:50 PM	Peak Integrated by Software incorrectly
Q1665-01	VL042290.D	Heptane	SAM	4/10/2025 12:05:04 PM	MMDado da	4/10/2025 7:20:50 PM	Peak Integrated by Software

							e incorec tly
Q1665-01	VL04229 0.D	m/p-Xylene	SAM	4/10/20 25 12:05:0 4 PM	MMDado da	4/10/20 25 7:20:50 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-01	VL04229 0.D	Toluene	SAM	4/10/20 25 12:05:0 4 PM	MMDado da	4/10/20 25 7:20:50 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 01DUP	VL04229 1.D	Carbon Tetrachloride	SAM	4/10/20 25 12:05:0 9 PM	MMDado da	4/10/20 25 7:20:53 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 01DUP	VL04229 1.D	Chlorodifluoromet hane	SAM	4/10/20 25 12:05:0 9 PM	MMDado da	4/10/20 25 7:20:53 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 01DUP	VL04229 1.D	Heptane	SAM	4/10/20 25 12:05:0 9 PM	MMDado da	4/10/20 25 7:20:53 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 01DUP	VL04229 1.D	m/p-Xylene	SAM	4/10/20 25 12:05:0 9 PM	MMDado da	4/10/20 25 7:20:53 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 01DUP	VL04229 1.D	Trichlorofluoromet hane	SAM	4/10/20 25 12:05:0	MMDado da	4/10/20 25 7:20:53	Peak Integrat ed by

				9 PM		PM	Software incorrectly
Q1665-04	VL04229 2.D	Chlorodifluoromethane	SAM	4/10/20 25 12:05:14 PM	MMDado da	4/10/20 25 7:20:55 PM	Peak Integrated by Software incorrectly
Q1665-04	VL04229 2.D	m/p-Xylene	SAM	4/10/20 25 12:05:14 PM	MMDado da	4/10/20 25 7:20:55 PM	Peak Integrated by Software incorrectly
Q1665-04	VL04229 2.D	Toluene	SAM	4/10/20 25 12:05:14 PM	MMDado da	4/10/20 25 7:20:55 PM	Peak Integrated by Software incorrectly
Q1665-06	VL04229 3.D	Carbon Tetrachloride	SAM	4/10/20 25 12:04:30 PM	MMDado da	4/10/20 25 7:20:58 PM	Peak Integrated by Software incorrectly
Q1665-06	VL04229 3.D	Chlorodifluoromethane	SAM	4/10/20 25 12:04:30 PM	MMDado da	4/10/20 25 7:20:58 PM	Peak Integrated by Software incorrectly
Q1665-06	VL04229 3.D	Heptane	SAM	4/10/20 25 12:04:30 PM	MMDado da	4/10/20 25 7:20:58 PM	Peak Integrated by Software incorrectly
Q1665-06	VL04229 3.D	Propene	SAM	4/10/20 25	MMDado da	4/10/20 25	Peak Integrated

				12:04:30 PM		7:20:58 PM	ed by Software incorrectly
Q1665-06	VL04229 3.D	Tetrahydrofuran	SAM	4/10/20 25 12:04:30 PM	MMDado da	4/10/20 25 7:20:58 PM	Peak Integrated by Software incorrectly
Q1665-08	VL04229 4.D	Benzene	SAM	4/10/20 25 12:04:43 PM	MMDado da	4/10/20 25 7:21:00 PM	Peak Integrated by Software incorrectly
Q1665-08	VL04229 4.D	Carbon Tetrachloride	SAM	4/10/20 25 12:04:43 PM	MMDado da	4/10/20 25 7:21:00 PM	Peak Integrated by Software incorrectly
Q1665-08	VL04229 4.D	Chlorodifluoromethane	SAM	4/10/20 25 12:04:43 PM	MMDado da	4/10/20 25 7:21:00 PM	Peak Integrated by Software incorrectly
Q1665-08	VL04229 4.D	Propene	SAM	4/10/20 25 12:04:43 PM	MMDado da	4/10/20 25 7:21:00 PM	Peak Integrated by Software incorrectly
Q1665-08	VL04229 4.D	tert-Butyl alcohol	SAM	4/10/20 25 12:04:43 PM	MMDado da	4/10/20 25 7:21:00 PM	Peak Integrated by Software incorrectly
Q1665-09	VL04229	Carbon	SAM	4/10/20	MMDado	4/10/20	Peak

	5.D	Tetrachloride		25 12:04:26 PM	da	25 7:21:01 PM	Integrat ed by Softwar e incorrec tly
Q1665-09	VL04229 5.D	Chlorodifluoromet hane	SAM	4/10/20 25 12:04:26 PM	MMDado da	4/10/20 25 7:21:01 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-09	VL04229 5.D	Heptane	SAM	4/10/20 25 12:04:26 PM	MMDado da	4/10/20 25 7:21:01 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-09	VL04229 5.D	m/p-Xylene	SAM	4/10/20 25 12:04:26 PM	MMDado da	4/10/20 25 7:21:01 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-09	VL04229 5.D	Propene	SAM	4/10/20 25 12:04:26 PM	MMDado da	4/10/20 25 7:21:01 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-20	VL04229 6.D	Chlorobenzene	SAM	4/10/20 25 12:05:20 PM	MMDado da	4/10/20 25 7:21:06 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-20	VL04229 6.D	Chlorodifluoromet hane	SAM	4/10/20 25 12:05:20 PM	MMDado da	4/10/20 25 7:21:06 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-20	VL04229 6.D	Heptane	SAM	4/10/20 25 12:05:20 PM	MMDado da	4/10/20 25 7:21:06 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-20	VL04229 6.D	m/p-Xylene	SAM	4/10/20 25 12:05:20 PM	MMDado da	4/10/20 25 7:21:06 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-20	VL04229 6.D	Propene	SAM	4/10/20 25 12:05:20 PM	MMDado da	4/10/20 25 7:21:06 PM	Peak Integrat ed by Softwar e incorrec tly

Manual Integration Report			
Sequence	VL041125	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL04231 2.D	m/p-Xylene	SAM	4/16/20 25 9:17:16 PM	MMDado da	4/17/20 25 1:40:05 PM	Peak Integrat ed by Softwar e incorrec tly
VL0411AB S01	VL04231 4.D	m/p-Xylene	SAM	4/16/20 25 9:17:26 PM	MMDado da	4/17/20 25 1:40:08 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-03	VL04231 7.D	Carbon Tetrachloride	SAM	4/16/20 25 9:17:31 PM	MMDado da	4/17/20 25 1:40:15 PM	Peak Integrat ed by Softwar e

							incorrectly
Q1665-03	VL042317.D	Heptane	SAM	4/16/2025 9:17:31 PM	MMDado da	4/17/2025 1:40:15 PM	Peak Integrated by Software incorrectly
Q1665-03	VL042317.D	m/p-Xylene	SAM	4/16/2025 9:17:31 PM	MMDado da	4/17/2025 1:40:15 PM	Peak Integrated by Software incorrectly
Q1665-03	VL042317.D	Propene	SAM	4/16/2025 9:17:31 PM	MMDado da	4/17/2025 1:40:15 PM	Peak Integrated by Software incorrectly
Q1665-03	VL042317.D	Tetrachloroethene	SAM	4/16/2025 9:17:31 PM	MMDado da	4/17/2025 1:40:15 PM	Peak Integrated by Software incorrectly
Q1665-03DUP	VL042318.D	Carbon Tetrachloride	SAM	4/16/2025 9:17:45 PM	MMDado da	4/17/2025 1:40:17 PM	Peak Integrated by Software incorrectly
Q1665-03DUP	VL042318.D	Heptane	SAM	4/16/2025 9:17:45 PM	MMDado da	4/17/2025 1:40:17 PM	Peak Integrated by Software incorrectly
Q1665-03DUP	VL042318.D	m/p-Xylene	SAM	4/16/2025 9:17:45 PM	MMDado da	4/17/2025 1:40:17 PM	Peak Integrated by Software

							e incorec tly
Q1665- 03DUP	VL04231 8.D	o-Xylene	SAM	4/16/20 25 9:17:45 PM	MMDado da	4/17/20 25 1:40:17 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 03DUP	VL04231 8.D	Propene	SAM	4/16/20 25 9:17:45 PM	MMDado da	4/17/20 25 1:40:17 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 03DUP	VL04231 8.D	tert-Butyl alcohol	SAM	4/16/20 25 9:17:45 PM	MMDado da	4/17/20 25 1:40:17 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 03DUP	VL04231 8.D	Tetrachloroethene	SAM	4/16/20 25 9:17:45 PM	MMDado da	4/17/20 25 1:40:17 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 03DUP	VL04231 8.D	Toluene	SAM	4/16/20 25 9:17:45 PM	MMDado da	4/17/20 25 1:40:17 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-10	VL04231 9.D	2,2,4- Trimethylpentane	SAM	4/16/20 25 9:18:13 PM	MMDado da	4/17/20 25 1:40:19 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-10	VL04231 9.D	Carbon Tetrachloride	SAM	4/16/20 25 9:18:13	MMDado da	4/17/20 25 1:40:19	Peak Integrat ed by

				PM		PM	Software incorrectly
Q1665-10	VL042319.D	Chlorodifluoromethane	SAM	4/16/2025 9:18:13 PM	MMDado da	4/17/2025 1:40:19 PM	Peak Integrated by Software incorrectly
Q1665-10	VL042319.D	Heptane	SAM	4/16/2025 9:18:13 PM	MMDado da	4/17/2025 1:40:19 PM	Peak Integrated by Software incorrectly
Q1665-10	VL042319.D	m/p-Xylene	SAM	4/16/2025 9:18:13 PM	MMDado da	4/17/2025 1:40:19 PM	Peak Integrated by Software incorrectly
Q1665-10	VL042319.D	Propene	SAM	4/16/2025 9:18:13 PM	MMDado da	4/17/2025 1:40:19 PM	Peak Integrated by Software incorrectly
Q1665-10	VL042319.D	Toluene	SAM	4/16/2025 9:18:13 PM	MMDado da	4/17/2025 1:40:19 PM	Peak Integrated by Software incorrectly
Q1665-11	VL042320.D	4-Methyl-2-Pentanone	SAM	4/16/2025 9:18:07 PM	MMDado da	4/17/2025 1:40:21 PM	Peak Integrated by Software incorrectly
Q1665-11	VL042320.D	Carbon Tetrachloride	SAM	4/16/2025	MMDado da	4/17/2025	Peak Integrated

				9:18:07 PM		1:40:21 PM	ed by Software incorrectly
Q1665-11	VL04232 0.D	m/p-Xylene	SAM	4/16/2025 9:18:07 PM	MMDado da	4/17/2025 1:40:21 PM	Peak Integrated by Software incorrectly
Q1665-11	VL04232 0.D	Propene	SAM	4/16/2025 9:18:07 PM	MMDado da	4/17/2025 1:40:21 PM	Peak Integrated by Software incorrectly
Q1665-11	VL04232 0.D	tert-Butyl alcohol	SAM	4/16/2025 9:18:07 PM	MMDado da	4/17/2025 1:40:21 PM	Peak Integrated by Software incorrectly
Q1665-11	VL04232 0.D	Toluene	SAM	4/16/2025 9:18:07 PM	MMDado da	4/17/2025 1:40:21 PM	Peak Integrated by Software incorrectly
Q1665-18	VL04232 1.D	4-Methyl-2-Pentanone	SAM	4/16/2025 9:18:36 PM	MMDado da	4/17/2025 1:40:23 PM	Peak Integrated by Software incorrectly
Q1665-18	VL04232 1.D	Carbon Tetrachloride	SAM	4/16/2025 9:18:36 PM	MMDado da	4/17/2025 1:40:23 PM	Peak Integrated by Software incorrectly
Q1665-18	VL04232	Chlorodifluoromet	SAM	4/16/20	MMDado	4/17/20	Peak

	1.D	hane		25 9:18:36 PM	da	25 1:40:23 PM	Integrat ed by Softwar e incorrec tly
Q1665-18	VL04232 1.D	Heptane	SAM	4/16/20 25 9:18:36 PM	MMDado da	4/17/20 25 1:40:23 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-18	VL04232 1.D	m/p-Xylene	SAM	4/16/20 25 9:18:36 PM	MMDado da	4/17/20 25 1:40:23 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-18	VL04232 1.D	o-Xylene	SAM	4/16/20 25 9:18:36 PM	MMDado da	4/17/20 25 1:40:23 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-18	VL04232 1.D	Propene	SAM	4/16/20 25 9:18:36 PM	MMDado da	4/17/20 25 1:40:23 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-18	VL04232 1.D	tert-Butyl alcohol	SAM	4/16/20 25 9:18:36 PM	MMDado da	4/17/20 25 1:40:23 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-18	VL04232 1.D	Tetrachloroethene	SAM	4/16/20 25 9:18:36 PM	MMDado da	4/17/20 25 1:40:23 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-10DL	VL042323.D	Propene	SAM	4/16/2025 9:18:02 PM	MMDado da	4/17/2025 1:40:25 PM	Peak Integrated by Software incorrectly
Q1665-11DL	VL042324.D	Chloroform	SAM	4/16/2025 9:17:57 PM	MMDado da	4/17/2025 1:40:26 PM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	VL041525	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042326.D	m/p-Xylene	SAM	4/16/2025 2:13:04 PM	MMDadoda	4/16/2025 3:47:21 PM	Peak Integrated by Software incorrectly
VL0415ABS01	VL042328.D	m/p-Xylene	SAM	4/16/2025 2:13:09 PM	MMDadoda	4/16/2025 3:47:23 PM	Peak Integrated by Software incorrectly
Q1665-10DL2	VL042332.D	Propene	SAM	4/16/2025 2:13:14 PM	MMDadoda	4/16/2025 3:47:25 PM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	VL041725	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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VSTDICCO 010	VL04234 9.D	m/p-Xylene	SAM	4/18/20 25 4:19:07 PM	MMDado da	4/18/20 25 10:45:2 0 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 02	VL04235 0.D	1,4-Dioxane	SAM	4/18/20 25 4:19:12 PM	MMDado da	4/18/20 25 10:45:1 7 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 02	VL04235 0.D	cis-1,3- Dichloropropene	SAM	4/18/20 25 4:19:12 PM	MMDado da	4/18/20 25 10:45:1 7 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 02	VL04235 0.D	Ethanol	SAM	4/18/20 25 4:19:12 PM	MMDado da	4/18/20 25 10:45:1 7 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 02	VL04235 0.D	Heptane	SAM	4/18/20 25 4:19:12 PM	MMDado da	4/18/20 25 10:45:1 7 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 02	VL04235 0.D	m/p-Xylene	SAM	4/18/20 25 4:19:12 PM	MMDado da	4/18/20 25 10:45:1 7 PM	Peak Integrat ed by Softwar e incorrec tly
VSTDICCO 02	VL04235 0.D	Trichloroethene	SAM	4/18/20 25 4:19:12 PM	MMDado da	4/18/20 25 10:45:1 7 PM	Peak Integrat ed by Softwar e incorrec tly

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 incorrectly
VSTDICCO01	VL042351.D	1,4-Dioxane	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	2,2,4-Trimethylpentane	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	cis-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
VSTDICCO01	VL042351.D	Cyclohexane	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	Ethanol	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	Heptane	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	m/p-Xylene	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	Methyl Methacrylate	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	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
VSTDICCO.5	VL042352.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
VSTDICCO.5	VL042352.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
VSTDICCO.5	VL042352.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

VSTDIC0.5	VL04235 2.D	4-Methyl-2-Pentanone	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Chlorobenzene	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	cis-1,3-Dichloropropene	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Ethanol	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Heptane	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	m/p-Xylene	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.5	VL04235 2.D	Methyl Methacrylate	SAM	4/18/20 25 4:20:33 PM	MMDado da	4/18/20 25 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 4:20:33 PM	MMDado da	4/18/2025 10:45:07 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04235 3.D	1,1,1-Trichloroethane	SAM	4/18/2025 4:20:37 PM	MMDado da	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04235 3.D	1,1,2,2-Tetrachloroethane	SAM	4/18/2025 4:20:37 PM	MMDado da	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04235 3.D	1,2-Dibromoethane	SAM	4/18/2025 4:20:37 PM	MMDado da	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04235 3.D	Tetrachloroethene	SAM	4/18/2025 4:20:37 PM	MMDado da	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly
VSTDIC0.1	VL04235 3.D	Trichloroethene	SAM	4/18/2025 4:20:37 PM	MMDado da	4/18/2025 10:45:04 PM	Peak Integrated by Software incorrectly

VSTDICCO.03	VL042354.D	1,1,1-Trichloroethane	SAM	4/18/2025 4:19:24 PM	MMDado da	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL042354.D	1,1,2,2-Tetrachloroethane	SAM	4/18/2025 4:19:24 PM	MMDado da	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL042354.D	Carbon Tetrachloride	SAM	4/18/2025 4:19:24 PM	MMDado da	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL042354.D	Tetrachloroethene	SAM	4/18/2025 4:19:24 PM	MMDado da	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO.03	VL042354.D	Trichloroethene	SAM	4/18/2025 4:19:24 PM	MMDado da	4/18/2025 10:45:02 PM	Peak Integrated by Software incorrectly
VSTDICCO15	VL042355.D	m/p-Xylene	SAM	4/18/2025 4:21:35 PM	MMDado da	4/18/2025 10:44:59 PM	Peak Integrated by Software incorrectly
VSTDICV010	VL042356.D	m/p-Xylene	SAM	4/18/2025 4:20:42 PM	MMDado da	4/18/2025 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 10:44:5 5 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	1,1,1- Trichloroethane	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	1,4-Dioxane	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	2,2,4- Trimethylpentane	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	2-Hexanone	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	4-Methyl-2- Pentanone	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	Benzene	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-15	VL04235 9.D	Carbon Tetrachloride	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	Chlorodifluoromet hane	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	Heptane	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-15	VL04235 9.D	Naphthalene,2- methyl-	SAM	4/18/20 25 4:22:27 PM	MMDado da	4/18/20 25 10:44:5 3 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 15DL	VL04236 0.D	2-Butanone	SAM	4/18/20 25 4:21:44 PM	MMDado da	4/18/20 25 10:44:4 9 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 15DL	VL04236 0.D	Ethanol	SAM	4/18/20 25 4:21:44 PM	MMDado da	4/18/20 25 10:44:4 9 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665- 15DL	VL04236 0.D	m/p-Xylene	SAM	4/18/20 25 4:21:44 PM	MMDado da	4/18/20 25 10:44:4 9 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-15DL	VL042360.D	Toluene	SAM	4/18/2025 4:21:44 PM	MMDado da	4/18/2025 10:44:49 PM	Peak Integrated by Software incorrectly
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Manual Integration Report			
Sequence	VL042825	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042416.D	m/p-Xylene	SAM	4/29/2025 9:26:25 AM	MMDado da	4/30/2025 2:28:57 PM	Peak Integrated by Software incorrectly
VL0428AB S01	VL042418.D	m/p-Xylene	SAM	4/29/2025 9:26:31 AM	MMDado da	4/30/2025 2:29:13 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	2,2,4-Trimethylpentane	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	4-Methyl-2-Pentanone	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	Acetone	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software

							incorrectly
Q1665-05	VL042419.D	Carbon Tetrachloride	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	Chlorodifluoromethane	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	Cyclohexane	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	Heptane	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	Propene	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-05	VL042419.D	Tetrachloroethene	SAM	4/29/2025 9:28:27 AM	MMDado da	4/30/2025 2:29:21 PM	Peak Integrated by Software incorrectly
Q1665-07	VL042420.D	Acetone	SAM	4/29/2025 9:26:36 AM	MMDado da	4/30/2025 2:29:25 PM	Peak Integrated by Software

							e incorec tly
Q1665-07	VL04242 0.D	Benzene	SAM	4/29/20 25 9:26:36 AM	MMDado da	4/30/20 25 2:29:25 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-07	VL04242 0.D	Carbon Tetrachloride	SAM	4/29/20 25 9:26:36 AM	MMDado da	4/30/20 25 2:29:25 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-07	VL04242 0.D	Chlorodifluoromet hane	SAM	4/29/20 25 9:26:36 AM	MMDado da	4/30/20 25 2:29:25 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-07	VL04242 0.D	Heptane	SAM	4/29/20 25 9:26:36 AM	MMDado da	4/30/20 25 2:29:25 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-07	VL04242 0.D	m/p-Xylene	SAM	4/29/20 25 9:26:36 AM	MMDado da	4/30/20 25 2:29:25 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-07	VL04242 0.D	Propene	SAM	4/29/20 25 9:26:36 AM	MMDado da	4/30/20 25 2:29:25 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-07	VL04242 0.D	Tetrachloroethene	SAM	4/29/20 25 9:26:36	MMDado da	4/30/20 25 2:29:25	Peak Integrat ed by

				AM		PM	Software incorrectly
Q1665-07	VL04242 0.D	Tetrahydrofuran	SAM	4/29/2025 9:26:36 AM	MMDado da	4/30/2025 2:29:25 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Benzene	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Carbon Tetrachloride	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Chlorodifluoromethane	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Cyclohexane	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Heptane	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	m/p-Xylene	SAM	4/29/2025	MMDado da	4/30/2025	Peak Integrated

				9:27:26 AM		2:30:38 PM	ed by Software incorrectly
Q1665-12	VL04242 1.D	n-propylbenzene	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Propene	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-12	VL04242 1.D	Tetrahydrofuran	SAM	4/29/2025 9:27:26 AM	MMDado da	4/30/2025 2:30:38 PM	Peak Integrated by Software incorrectly
Q1665-16	VL04242 2.D	2,2,4-Trimethylpentane	SAM	4/29/2025 9:27:50 AM	MMDado da	4/30/2025 2:29:28 PM	Peak Integrated by Software incorrectly
Q1665-16	VL04242 2.D	Carbon Tetrachloride	SAM	4/29/2025 9:27:50 AM	MMDado da	4/30/2025 2:29:28 PM	Peak Integrated by Software incorrectly
Q1665-16	VL04242 2.D	Chlorodifluoromethane	SAM	4/29/2025 9:27:50 AM	MMDado da	4/30/2025 2:29:28 PM	Peak Integrated by Software incorrectly
Q1665-16	VL04242	Heptane	SAM	4/29/20	MMDado	4/30/20	Peak

	2.D			25 9:27:50 AM	da	25 2:29:28 PM	Integrat ed by Softwar e incorrec tly
Q1665-16	VL04242 2.D	Propene	SAM	4/29/20 25 9:27:50 AM	MMDado da	4/30/20 25 2:29:28 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-16	VL04242 2.D	Styrene	SAM	4/29/20 25 9:27:50 AM	MMDado da	4/30/20 25 2:29:28 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-16	VL04242 2.D	tert-Butyl alcohol	SAM	4/29/20 25 9:27:50 AM	MMDado da	4/30/20 25 2:29:28 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-16	VL04242 2.D	Tetrahydrofuran	SAM	4/29/20 25 9:27:50 AM	MMDado da	4/30/20 25 2:29:28 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	2,2,4- Trimethylpentane	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	2-Hexanone	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-19	VL04242 3.D	4-Ethyltoluene	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	4-Methyl-2- Pentanone	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	Acetone	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	Carbon Tetrachloride	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	Cyclohexane	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	Heptane	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-19	VL04242 3.D	Propene	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-19	VL04242 3.D	Tetrachloroethene	SAM	4/29/20 25 9:27:01 AM	MMDado da	4/30/20 25 2:29:40 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-21	VL04242 4.D	2,2,4- Trimethylpentane	SAM	4/29/20 25 9:27:55 AM	MMDado da	4/30/20 25 2:30:38 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-21	VL04242 4.D	Carbon Tetrachloride	SAM	4/29/20 25 9:27:55 AM	MMDado da	4/30/20 25 2:30:38 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-21	VL04242 4.D	Chlorodifluoromet hane	SAM	4/29/20 25 9:27:55 AM	MMDado da	4/30/20 25 2:30:38 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-21	VL04242 4.D	Heptane	SAM	4/29/20 25 9:27:55 AM	MMDado da	4/30/20 25 2:30:38 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-21	VL04242 4.D	Propene	SAM	4/29/20 25 9:27:55 AM	MMDado da	4/30/20 25 2:30:38 PM	Peak Integrat ed by Softwar e incorrec tly
Q1665-22	VL04242 5.D	Acetone	SAM	4/29/20 25 9:27:07 AM	MMDado da	4/30/20 25 2:29:43 PM	Peak Integrat ed by Softwar e incorrec tly

Q1665-22	VL042425.D	Carbon Tetrachloride	SAM	4/29/2025 9:27:07 AM	MMDado da	4/30/2025 2:29:43 PM	Peak Integrated by Software incorrectly
Q1665-22	VL042425.D	Chlorodifluoromethane	SAM	4/29/2025 9:27:07 AM	MMDado da	4/30/2025 2:29:43 PM	Peak Integrated by Software incorrectly
Q1665-22	VL042425.D	Cyclohexane	SAM	4/29/2025 9:27:07 AM	MMDado da	4/30/2025 2:29:43 PM	Peak Integrated by Software incorrectly
Q1665-22	VL042425.D	Heptane	SAM	4/29/2025 9:27:07 AM	MMDado da	4/30/2025 2:29:43 PM	Peak Integrated by Software incorrectly
Q1665-22	VL042425.D	tert-Butyl alcohol	SAM	4/29/2025 9:27:07 AM	MMDado da	4/30/2025 2:29:43 PM	Peak Integrated by Software incorrectly

Manual Integration Report			
Sequence	VL042925	Instrument	MSVOA_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC010	VL042436.D	1,1,2-Trichloroethane	SAM	4/30/2025 7:49:08 AM	MMDado da	4/30/2025 2:26:33 PM	Peak Integrated by Software

							incorrectly
VSTDCCC010	VL042436.D	m/p-Xylene	SAM	4/30/2025 7:49:08 AM	MMDado da	4/30/2025 2:26:33 PM	Peak Integrated by Software incorrectly
VL0429ABS01	VL042438.D	m/p-Xylene	SAM	4/30/2025 7:49:14 AM	MMDado da	4/30/2025 2:26:38 PM	Peak Integrated by Software incorrectly
VL0429ABS01	VL042438.D	Methyl Methacrylate	SAM	4/30/2025 7:49:14 AM	MMDado da	4/30/2025 2:26:38 PM	Peak Integrated by Software incorrectly
Q1665-07DL	VL042451.D	2,2,4-Trimethylpentane	SAM	4/30/2025 7:52:06 AM	MMDado da	4/30/2025 2:27:43 PM	Peak Integrated by Software incorrectly
Q1665-07DL	VL042451.D	m/p-Xylene	SAM	4/30/2025 7:52:06 AM	MMDado da	4/30/2025 2:27:43 PM	Peak Integrated by Software incorrectly
Q1665-19DL	VL042452.D	2,2,4-Trimethylpentane	SAM	4/30/2025 7:49:38 AM	MMDado da	4/30/2025 2:27:50 PM	Peak Integrated by Software incorrectly
Q1665-19DL	VL042452.D	m/p-Xylene	SAM	4/30/2025 7:49:38 AM	MMDado da	4/30/2025 2:27:50 PM	Peak Integrated by Software

							e incorrect ly
Q1665- 19DL	VL042452 .D	Propene	SAM	4/30/20 25 7:49:38 AM	MMDado da	4/30/20 25 2:27:50 PM	Peak Integrat ed by Softwar e incorrect ly
Q1665- 19DL	VL042452 .D	Toluene	SAM	4/30/20 25 7:49:38 AM	MMDado da	4/30/20 25 2:27:50 PM	Peak Integrat ed by Softwar e incorrect ly
Q1665- 21DL	VL042453 .D	m/p-Xylene	SAM	4/30/20 25 7:52:12 AM	MMDado da	4/30/20 25 2:27:54 PM	Peak Integrat ed by Softwar e incorrect ly
Q1665- 21DL	VL042453 .D	Propene	SAM	4/30/20 25 7:52:12 AM	MMDado da	4/30/20 25 2:27:54 PM	Peak Integrat ed by Softwar e incorrect ly

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_____



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

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 #: Q1665

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: PRATHA PARGHI

Date: 07/03/2025