



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

CASE NARRATIVE

T Slack Environmental Services, LLC

Project Name: Langer Transport

Project # N/A

Chemtech Project # L1698

Test Name: TO-15

A. Number of Samples and Date of Receipt:

8 Air samples were received on 02/25/2020.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SUMMA Canister Rental and 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 except for SS-4-4 [1-Bromo-4-Fluorobenzene - 250%], SS-5-4 [1-Bromo-4-Fluorobenzene - 155%] and SS-3-4 [1-Bromo-4-Fluorobenzene - 221%].

The Internal Standards Areas met the acceptable requirements except for SS-4-4, SS-5-4, SS-3-4, SS-3-4DL, SS-1-4, SS-1-4DL, SS-2-4 and SS-2-4DL.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis indicated presence for FileID:VL034733.D{VL0228ABL01}

Acetone[0.14 ppbv],

FileID:VL034759.D{VL0303ABL01} Acetone[0.22 ppbv] & Methylene Chloride[0.25 ppbv]

FileID:VL034791.D{VL0305ABL01}, Methylene Chloride[0.2 ppbv] & Acetone[0.19 ppbv]

FileID:VL034820.D{VL0306ABL01}, Methylene Chloride[0.14 ppbv] & Acetone[0.18 ppbv] due to possible lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration with File ID:VL034819.D met the acceptable requirements for all the Compounds except for Dichlorodifluoromethane.

The Tuning criteria met requirements.



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Samples SS-4-4, SS-5-4, SS-3-4, SS-1-4 and SS-2-4 were initially diluted due to bad matrices.

Samples SS-8-4, SS-7-4, SS-6-4, SS-6-4DL, SS-4-4, SS-4-4DL, SS-4-4DL2, SS-5-4, SS-5-4DL, SS-3-4, SS-3-4DL, SS-1-4, SS-1-4DL, SS-2-4 and SS-2-4DL were diluted due to high concentrations.

Manual Integration Report					
Sequence		VL022620	Instrument		
Sample ID	File ID	Parameter	Review By	Review On	Supervised By
VSTDICCC010	VL034676.D	Chlorobenzene-d5	sam	2/27/2020 3:31:02 PM	MMDadoda
VSTDICCC010	VL034676.D	m/p-Xylene	sam	2/27/2020 3:31:02 PM	MMDadoda
VSTDICC002	VL034677.D	1,2-Dichloropropane	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	1,4-Dioxane	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	2-Butanone	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	Benzyl Chloride	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	Isopropyl Alcohol	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	m/p-Xylene	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	n-Butylbenzene	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC002	VL034677.D	sec-Butylbenzene	sam	2/27/2020 3:31:07 PM	MMDadoda
VSTDICC001	VL034678.D	1,1,1,2-Tetrachloroethane	sam	2/27/2020 3:32:18 PM	MMDadoda
VSTDICC001	VL034678.D	n-propylbenzene	sam	2/27/2020 3:32:18 PM	MMDadoda
VSTDICC001	VL034678.D	Naphthalene	sam	2/27/2020 3:32:18 PM	MMDadoda
VSTDICC001	VL034678.D	tert-Butylbenzene	sam	2/27/2020 3:32:18 PM	MMDadoda
VSTDICC001	VL034678.D	Trichloroethene	sam	2/27/2020 3:32:18 PM	MMDadoda
VSTDICC0.5	VL034679.D	1,1,1,2-Tetrachloroethane	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	1,1,2,2-Tetrachloroethane	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	1,1,2-Trichloroethane	sam	2/27/2020 3:31:13 PM	MMDadoda

VSTDICC0.5	VL034679.D	1,2,4-Trichlorobenzene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	1,3,5-Trimethylbenzene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	1,4-Dichlorobenzene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	1,4-Dioxane	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	2-Chlorotoluene	sam	2/27/2020 3:31:13 PM	MMDadoda

VSTDICC0.5	VL034679.D	n-propylbenzene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	Naphthalene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	sec-Butylbenzene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	t-1,3-Dichloropropene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	tert-Butyl alcohol	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	tert-Butylbenzene	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.5	VL034679.D	Tetrahydrofuran	sam	2/27/2020 3:31:13 PM	MMDadoda
VSTDICC0.1	VL034680.D	1,1,2,2-Tetrachloroethane	sam	2/27/2020 3:32:30 PM	MMDadoda
VSTDICC0.1	VL034680.D	Carbon Tetrachloride	sam	2/27/2020 3:32:30 PM	MMDadoda
VSTDICC0.1	VL034680.D	Tetrachloroethene	sam	2/27/2020 3:32:30 PM	MMDadoda
VSTDICC0.1	VL034680.D	Trichloroethene	sam	2/27/2020 3:32:30 PM	MMDadoda
VSTDICC0.03	VL034681.D	1,1,1-Trichloroethane	sam	2/27/2020 3:32:23 PM	MMDadoda

VSTDCCC010	VL034732.D	Chlorobenzene-d5	sam	3/2/2020 12:34:22 PM	MMDadoda
VSTDCCC010	VL034732.D	m/p-Xylene	sam	3/2/2020 12:34:22 PM	MMDadoda
VL0228ABL01	VL034733.D	Acetone	sam	3/2/2020 12:35:00 PM	MMDadoda
VL0228ABS01	VL034734.D	m/p-Xylene	sam	3/2/2020 12:34:28 PM	MMDadoda
VL0228ABS01	VL034734.D	n-Butylbenzene	sam	3/2/2020 12:34:28 PM	MMDadoda

L1698-01	VL034753.D	4-Methyl-2-Pentanone	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	Carbon Tetrachloride	sam	3/2/2020 12:35:38 PM	MMDadoda



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L1698-01	VL034753.D	Chlorodifluoromethane	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	Heptane	sam	3/2/2020 12:35:38 PM	MMDadoda

L1698-01	VL034753.D	n-propylbenzene	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	Naphthalene	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	o-Xylene	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	Styrene	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	tert-Butyl alcohol	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	Tetrahydrofuran	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01	VL034753.D	Trichloroethene	sam	3/2/2020 12:35:38 PM	MMDadoda
L1698-01DL	VL034754.D	m/p-Xylene	sam	3/2/2020 12:37:05 PM	MMDadoda

VSTDCCC010	VL034758.D	1,2,4-Trichlorobenzene	sam	3/4/2020 4:21:29 PM	MMDadoda
VSTDCCC010	VL034758.D	1,2-Dichlorobenzene	sam	3/4/2020 4:21:29 PM	MMDadoda
VSTDCCC010	VL034758.D	m/p-Xylene	sam	3/4/2020 4:21:29 PM	MMDadoda
VL0303ABS01	VL034760.D	Chlorobenzene-d5	sam	3/4/2020 4:21:34 PM	MMDadoda
VL0303ABS01	VL034760.D	m/p-Xylene	sam	3/4/2020 4:21:34 PM	MMDadoda

L1704-06	VL034770.D	Chlorodifluoromethane	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06	VL034770.D	Cyclohexane	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06	VL034770.D	n-propylbenzene	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06	VL034770.D	Naphthalene	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06	VL034770.D	Propene	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06	VL034770.D	Styrene	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06	VL034770.D	tert-Butyl alcohol	sam	3/4/2020 4:22:51 PM	MMDadoda
L1704-06DL	VL034771.D	1,3,5-Trimethylbenzene	sam	3/4/2020 4:21:56 PM	MMDadoda
L1704-06DL	VL034771.D	4-Ethyltoluene	sam	3/4/2020 4:21:56 PM	MMDadoda



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L1704-06DL	VL034771.D	Ethyl Benzene	sam	3/4/2020 4:21:56 PM	MMDadoda
L1704-06DL	VL034771.D	m/p-Xylene	sam	3/4/2020 4:21:56 PM	MMDadoda
L1698-02	VL034772.D	1,1,1-Trichloroethane	sam	3/4/2020 4:22:59 PM	MMDadoda

L1698-02	VL034772.D	4-Methyl-2-Pentanone	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Carbon Tetrachloride	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Chlorodifluoromethane	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Chloroform	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Cyclohexane	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Ethyl Benzene	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Hexane	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	m/p-Xylene	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Naphthalene	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Styrene	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02	VL034772.D	Trichloroethene	sam	3/4/2020 4:22:59 PM	MMDadoda
L1698-02DL	VL034773.D	1,2,4-Trimethylbenzene	sam	3/4/2020 4:21:51 PM	MMDadoda

Sample ID	File ID	Parameter	Review By	Review On	Supervised By
L1698-02DL	VL034773.D	m/p-Xylene	sam	3/4/2020 4:21:51 PM	MMDadoda
L1698-02DL	VL034773.D	Toluene	sam	3/4/2020 4:21:51 PM	MMDadoda

Sample ID	File ID	Parameter	Review By	Review On	Supervised By
VSTDICCC010	VL034776.D	Chlorobenzene-d5	sam	3/4/2020 3:41:00 PM	apatel
VSTDICCC010	VL034776.D	m/p-Xylene	sam	3/4/2020 3:41:00 PM	apatel
VSTDICC002	VL034777.D	1,2,4-Trichlorobenzene	sam	3/4/2020 3:41:06 PM	apatel

VSTDICC002	VL034777.D	1,2,4-Trimethylbenzene	sam	3/4/2020 3:41:06 PM	apatel
VSTDICC002	VL034777.D	1,4-Dioxane	sam	3/4/2020 3:41:06 PM	apatel
VSTDICC002	VL034777.D	Bromoform	sam	3/4/2020 3:41:06 PM	apatel
VSTDICC002	VL034777.D	Hexane	sam	3/4/2020 3:41:06 PM	apatel
VSTDICC002	VL034777.D	m/p-Xylene	sam	3/4/2020 3:41:06 PM	apatel
VSTDICC001	VL034778.D	1,1,2,2-Tetrachloroethane	sam	3/4/2020 3:42:01 PM	apatel
VSTDICC001	VL034778.D	1,2,4-Trichlorobenzene	sam	3/4/2020 3:42:01 PM	apatel
VSTDICC001	VL034778.D	1,2-Dibromoethane	sam	3/4/2020 3:42:01 PM	apatel

VSTDICC001	VL034778.D	t-1,3-Dichloropropene		3/4/2020 3:42:01 PM	apatel
VSTDICC001	VL034778.D	tert-Butyl alcohol		3/4/2020 3:42:01 PM	apatel
VSTDICC001	VL034778.D	Tetrahydrofuran		3/4/2020 3:42:01 PM	apatel
VSTDICC001	VL034778.D	Trichloroethene		3/4/2020 3:42:01 PM	apatel
VSTDICC0.5	VL034779.D	1,1,1,2-Tetrachloroethane		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,1,2,2-Tetrachloroethane		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,1,2-Trichloroethane		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,2,4-Trichlorobenzene		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,2,4-Trimethylbenzene		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,2-Dibromoethane		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,2-Dichlorobenzene		3/4/2020 3:41:12 PM	apatel
VSTDICC0.5	VL034779.D	1,2-Dichloropropane		3/4/2020 3:41:12 PM	apatel

VSTDICC0.5	VL034779.D	Tetrahydrofuran	sam	3/4/2020 3:41:12 PM	apatel
VSTDICC0.1	VL034780.D	1,1,1-Trichloroethane	sam	3/4/2020 3:41:16 PM	apatel
VSTDICC0.1	VL034780.D	1,1,2,2-Tetrachloroethane	sam	3/4/2020 3:41:16 PM	apatel
VSTDICC0.1	VL034780.D	Carbon Tetrachloride	sam	3/4/2020 3:41:16 PM	apatel

VSTDICC0.1	VL034780.D	Tetrachloroethene	sam	3/4/2020 3:41:16 PM	apatel
VSTDICC0.1	VL034780.D	Trichloroethene	sam	3/4/2020 3:41:16 PM	apatel
VSTDICC0.1	VL034780.D	Vinyl Chloride	sam	3/4/2020 3:41:16 PM	apatel
VSTDICC0.03	VL034781.D	1,1,1-Trichloroethane	sam	3/4/2020 3:41:42 PM	apatel
VSTDICC0.03	VL034781.D	1,1,2,2-Tetrachloroethane	sam	3/4/2020 3:41:42 PM	apatel
VSTDICC0.03	VL034781.D	Carbon Tetrachloride	sam	3/4/2020 3:41:42 PM	apatel
VSTDICC0.03	VL034781.D	Tetrachloroethene	sam	3/4/2020 3:41:42 PM	apatel
VSTDICC0.03	VL034781.D	Trichloroethene	sam	3/4/2020 3:41:42 PM	apatel

VSTDICC015	VL034782.D	m/p-Xylene	sam	3/4/2020 3:42:07 PM	apatel
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VSTDCCC010	VL034790.D	1,1,2-Trichloroethane	sam	3/6/2020 10:56:38 AM	MMDadoda
VSTDCCC010	VL034790.D	m/p-Xylene	sam	3/6/2020 10:56:38 AM	MMDadoda
VL0305ABL01	VL034791.D	Acetone	sam	3/6/2020 10:56:42 AM	MMDadoda
VL0305ABL01	VL034791.D	Methylene Chloride	sam	3/6/2020 10:56:42 AM	MMDadoda
VL0305ABS01	VL034792.D	m/p-Xylene	sam	3/6/2020 10:57:43 AM	MMDadoda
VL0305ABS01	VL034792.D	n-propylbenzene	sam	3/6/2020 10:57:43 AM	MMDadoda

L1698-03	VL034800.D	4-Ethyltoluene	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	Carbon Tetrachloride	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	Chlorodifluoromethane	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	Chloroform	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	Chloromethane	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	cis-1,2-Dichloroethene	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	Cyclohexane	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	n-propylbenzene	sam	3/6/2020	MMDadoda



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				10:56:59 AM	
L1698-03	VL034800.D	Naphthalene	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	Propene	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	tert-Butyl alcohol	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03	VL034800.D	tert-Butylbenzene	sam	3/6/2020 10:56:59 AM	MMDadoda
L1698-03DL	VL034801.D	Heptane	sam	3/6/2020 10:58:12 AM	MMDadoda
L1698-03DL	VL034801.D	Tetrachloroethene	sam	3/6/2020 10:58:12 AM	MMDadoda
L1698-03DL	VL034801.D	Toluene	sam	3/6/2020 10:58:12 AM	MMDadoda
L1698-03DL	VL034801.D	Trichloroethene	sam	3/6/2020 10:58:12 AM	MMDadoda
L1698-03DL	VL034801.D	Trichlorofluoromethane	sam	3/6/2020 10:58:12 AM	MMDadoda
L1698-04	VL034803.D	1,4-Difluorobenzene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	4-Ethyltoluene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Acetone	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Cyclohexane	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Ethyl Benzene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Hexane	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Isopropylbenzene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	n-propylbenzene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	sec-Butylbenzene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	tert-Butylbenzene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Tetrachloroethene	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-04	VL034803.D	Trichlorofluoromethane	sam	3/6/2020 10:58:48 AM	MMDadoda
L1698-05	VL034804.D	1,1,2-Trichloroethane	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	1,3,5-Trimethylbenzene	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	1,4-Difluorobenzene	sam	3/6/2020 10:57:07 AM	MMDadoda



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L1698-05	VL034804.D	4-Ethyltoluene	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Benzene	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Bromochloromethane	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Chlorobenzene-d5	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Hexane	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Isopropyl Alcohol	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	tert-Butylbenzene	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Tetrachloroethene	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034804.D	Trichlorofluoromethane	sam	3/6/2020 10:57:07 AM	MMDadoda
L1698-05	VL034805.D	Tetrachloroethene	sam	3/6/2020 10:58:18 AM	MMDadoda
L1698-06	VL034806.D	Benzene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Bromochloromethane	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Chlorobenzene-d5	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	cis-1,2-Dichloroethene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Cyclohexane	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Ethyl Benzene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Hexane	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	m/p-Xylene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Propene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	tert-Butyl alcohol	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Tetrachloroethene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034806.D	Toluene	sam	3/9/2020 8:20:43 AM	MMDadoda
L1698-06	VL034807.D	Acetone	sam	3/6/2020 10:58:54 AM	MMDadoda
L1698-06	VL034807.D	Trichlorofluoromethane	sam	3/6/2020 10:58:54 AM	MMDadoda
L1698-06DL	VL034808.D	Acetone	sam	3/6/2020	MMDadoda



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				10:59:00 AM	
L1698-06DL	VL034808.D	Heptane	sam	3/6/2020 10:59:00 AM	MMDadoda
L1698-06DL	VL034808.D	n-propylbenzene	sam	3/6/2020 10:59:00 AM	MMDadoda
L1698-06DL	VL034808.D	sec-Butylbenzene	sam	3/6/2020 10:59:00 AM	MMDadoda
L1698-06DL	VL034808.D	Styrene	sam	3/6/2020 10:59:00 AM	MMDadoda
L1698-06DL	VL034808.D	Tetrachloroethene	sam	3/6/2020 10:59:00 AM	MMDadoda
L1698-06DL	VL034808.D	Trichlorofluoromethane	sam	3/6/2020 10:59:00 AM	MMDadoda
VIBLK	VL034809.D	Ethyl Benzene	sam	3/6/2020 10:59:05 AM	MMDadoda
VIBLK	VL034809.D	m/p-Xylene	sam	3/6/2020 10:59:05 AM	MMDadoda
VIBLK	VL034809.D	o-Xylene	sam	3/6/2020 10:59:05 AM	MMDadoda
L1698-07	VL034810.D	2-Chlorotoluene	sam	3/6/2020 10:57:28 AM	MMDadoda
L1698-07	VL034810.D	p-Isopropyltoluene	sam	3/6/2020 10:57:28 AM	MMDadoda
L1698-07	VL034810.D	tert-Butyl alcohol	sam	3/6/2020 10:57:28 AM	MMDadoda
L1698-07	VL034810.D	tert-Butylbenzene	sam	3/6/2020 10:57:28 AM	MMDadoda
L1698-07DL	VL034811.D	2-Butanone	sam	3/6/2020 10:58:29 AM	MMDadoda
L1698-07DL	VL034811.D	2-Chlorotoluene	sam	3/6/2020 10:58:29 AM	MMDadoda
L1698-07DL	VL034811.D	4-Ethyltoluene	sam	3/6/2020 10:58:29 AM	MMDadoda
L1698-07DL	VL034811.D	n-propylbenzene	sam	3/6/2020 10:58:29 AM	MMDadoda
L1698-07DL	VL034811.D	sec-Butylbenzene	sam	3/6/2020 10:58:29 AM	MMDadoda
L1698-07DL	VL034811.D	tert-Butylbenzene	sam	3/6/2020 10:58:29 AM	MMDadoda
VIBLK	VL034812.D	Ethyl Benzene	sam	3/6/2020 10:58:34 AM	MMDadoda
VIBLK	VL034812.D	m/p-Xylene	sam	3/6/2020 10:58:34 AM	MMDadoda
VIBLK	VL034812.D	o-Xylene	sam	3/6/2020 10:58:34 AM	MMDadoda
L1698-08	VL034813.D	1,2,4-Trimethylbenzene	sam	3/6/2020 10:57:23 AM	MMDadoda



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VSTDCCC010	VL034819.D	Chlorobenzene-d5	sam	3/7/2020 7:42:16 AM	MMDadoda
VSTDCCC010	VL034819.D	m/p-Xylene	sam	3/7/2020 7:42:16 AM	MMDadoda
VL0306ABL01	VL034820.D	Acetone	sam	3/7/2020 7:42:22 AM	MMDadoda
VL0306ABS01	VL034821.D	Chlorobenzene-d5	sam	3/7/2020 1:06:48 PM	MMDadoda
VL0306ABS01	VL034821.D	m/p-Xylene	sam	3/7/2020 1:06:48 PM	MMDadoda
QC030520 CAN 10268	VL034822.D	Acetone	sam	3/7/2020 7:43:23 AM	MMDadoda
L1698-04DL	VL034825.D	cis-1,2-Dichloroethene	sam	3/7/2020 7:43:29 AM	MMDadoda
L1698-04DL	VL034825.D	m/p-Xylene	sam	3/7/2020 7:43:29 AM	MMDadoda
L1698-04DL2	VL034826.D	Acetone	sam	3/7/2020 7:44:10 AM	MMDadoda
L1698-04DL2	VL034826.D	Ethanol	sam	3/7/2020 7:44:10 AM	MMDadoda
L1698-04DL2	VL034826.D	Ethyl Benzene	sam	3/7/2020 7:44:10 AM	MMDadoda
L1698-04DL2	VL034826.D	Isopropyl Alcohol	sam	3/7/2020 7:44:10 AM	MMDadoda
L1698-04DL2	VL034826.D	m/p-Xylene	sam	3/7/2020 7:44:10 AM	MMDadoda
L1698-04DL2	VL034827.D	Cyclohexane	john	3/10/2020 12:30:05 PM	MMDadoda
L1698-06DL2	VL034830.D	Cyclohexane	sam	3/7/2020 7:42:40 AM	MMDadoda
L1698-06DL2	VL034830.D	Isopropyl Alcohol	sam	3/7/2020 7:42:40 AM	MMDadoda
L1698-06DL2	VL034830.D	Tetrachloroethene	sam	3/7/2020 7:42:40 AM	MMDadoda
L1698-06DL2	VL034830.D	trans-1,2-Dichloroethene	sam	3/7/2020 7:42:40 AM	MMDadoda
L1698-06DL2	VL034831.D	Carbon Disulfide	sam	3/7/2020 7:43:40 AM	MMDadoda
L1698-06DL2	VL034831.D	trans-1,2-Dichloroethene	sam	3/7/2020 7:43:40 AM	MMDadoda
L1698-07DL2	VL034832.D	1,2-Dichloropropane	sam	3/7/2020 7:44:22 AM	MMDadoda
L1698-07DL2	VL034832.D	Cyclohexane	sam	3/7/2020 7:44:22 AM	MMDadoda
L1698-07DL2	VL034832.D	m/p-Xylene	sam	3/7/2020 7:44:22 AM	MMDadoda
L1698-07DL2	VL034832.D	o-Xylene	sam	3/7/2020 7:44:22 AM	MMDadoda



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L1698-07DL2	VL034832.D	Tetrachloroethene	sam	3/7/2020 7:44:22 AM	MMDadoda
L1698-07DL2	VL034833.D	1,1,1-Trichloroethane	sam	3/7/2020 7:43:46 AM	MMDadoda
L1698-07DL2	VL034833.D	Cyclohexane	sam	3/7/2020 7:43:46 AM	MMDadoda
L1698-07DL2	VL034833.D	Ethyl Benzene	sam	3/7/2020 7:43:46 AM	MMDadoda
L1698-07DL2	VL034833.D	m/p-Xylene	sam	3/7/2020 7:43:46 AM	MMDadoda
L1698-07DL2	VL034833.D	o-Xylene	sam	3/7/2020 7:43:46 AM	MMDadoda
L1698-07DL2	VL034833.D	Styrene	sam	3/7/2020 7:43:46 AM	MMDadoda
L1698-08DL2	VL034834.D	Toluene	sam	3/7/2020 7:42:58 AM	MMDadoda
L1698-08DL2DUP	VL034835.D	2,2,4-Trimethylpentane	sam	3/7/2020 7:43:52 AM	MMDadoda
L1698-08DL2DUP	VL034835.D	Toluene	sam	3/7/2020 7:43:52 AM	MMDadoda

E. Additional Comments:

The Manual Integrations are performed for the followings.

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

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_____