

LAB CHRONICLE

OrderID:	Q3376	OrderDate:	10/17/2025 10:34:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC -
Contact:	Rob Forstner	Location:	609937051719208 Soil, VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3376-01	PR132-S05-057082-2 0251016	SOIL	VOC-TCLVOA-10	8260D	10/16/25		10/20/25	10/16/25
Q3376-02	PR132-DP01-2025101 6	SOIL	VOC-TCLVOA-10	8260D	10/16/25		10/21/25	10/16/25
Q3376-03	PR132-COMP2-20251 016	SOIL	VOC-TCLVOA-10	8260D	10/16/25		10/20/25	10/16/25
Q3376-04	PR132-S12-047072-2 0251016	SOIL	VOC-TCLVOA-10	8260D	10/16/25		10/20/25	10/16/25
Q3376-05	PR132-S12-020047-2 0251016	SOIL	VOC-TCLVOA-10	8260D	10/16/25		10/20/25	10/16/25
Q3376-07	PR132-FB01-2025101 6	Water	VOC-TCLVOA-10	8260D	10/16/25		10/21/25	10/16/25

Hit Summary Sheet
SW-846

SDG No.: Q3376
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	PR132-S05-057082-20251016							
Q3376-01	PR132-S05-057082	SOIL	Acetone	410		8.00	42.0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Carbon Disulfide	17.6		1.80	8.40	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	2-Butanone	130		11.0	42.0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Methylcyclohexane	140		1.50	8.40	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Benzene	4.20	J	1.30	8.40	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	o-Xylene	13.2		1.40	8.40	ug/Kg
Total Voc :				715				
Q3376-01	PR132-S05-057082	SOIL	Heptane, 2,6-dimethyl-	* 150	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Octane, 2,6-dimethyl-	* 420	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Heptane, 2,5-dimethyl-	* 150	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Cyclohexane, 1,1,3-trimethyl-	* 200	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	1-Ethyl-4-methylcyclohexane	* 150	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Octane, 2,3-dimethyl-	* 720	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Undecane, 2,6-dimethyl-	* 120	J	0	0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	Tert butyl alcohol	* 82.1	J	23.0	42.0	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	1,3,5-Trimethylbenzene	* 21.6	J	1.40	8.40	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	1,2,4-Trimethylbenzene	* 19.3	J	1.10	8.40	ug/Kg
Q3376-01	PR132-S05-057082	SOIL	p-Isopropyltoluene	* 7.10	J	1.00	8.40	ug/Kg
Total Tics :				2040				
Total Concentration:				2760				
Client ID:	PR132-DP01-20251016							
Q3376-02	PR132-DP01-20251	SOIL	Acetone	140		9.20	48.3	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	Carbon Disulfide	6.90	J	2.00	9.70	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	2-Butanone	39.0	J	12.6	48.3	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	Methylcyclohexane	58.1		1.80	9.70	ug/Kg
Total Voc :				244				
Q3376-02	PR132-DP01-20251	SOIL	Naphthalene, decahydro-, trans *	160	J	0	0	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	Naphthalene, decahydro-2-metl *	200	J	0	0	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	Undecane, 2,6-dimethyl-	* 160	J	0	0	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	1,3,5-Trimethylbenzene	* 9.00	J	1.60	9.70	ug/Kg
Q3376-02	PR132-DP01-20251	SOIL	1,2,4-Trimethylbenzene	* 6.10	J	1.20	9.70	ug/Kg
Total Tics :				535				
Total Concentration:				779				
Client ID:	PR132-COMP2-20251016							
Q3376-03	PR132-COMP2-202	SOIL	Acetone	240		9.80	51.9	ug/Kg
Q3376-03	PR132-COMP2-202	SOIL	Carbon Disulfide	10.0	J	2.20	10.4	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3376

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3376-03	PR132-COMP2-202 SOIL		2-Butanone	73.7		13.6	51.9	ug/Kg
Q3376-03	PR132-COMP2-202 SOIL		Methylcyclohexane	27.2		1.90	10.4	ug/Kg
Q3376-03	PR132-COMP2-202 SOIL		Benzene	2.50	J	1.60	10.4	ug/Kg
Total Voc :				353				
Q3376-03	PR132-COMP2-202 SOIL		3-Heptene, 2,2,4,6,6-pentameth *	140	J	0	0	ug/Kg
Q3376-03	PR132-COMP2-202 SOIL		Octane, 2,6-dimethyl- *	160	J	0	0	ug/Kg
Q3376-03	PR132-COMP2-202 SOIL		Undecane, 3,6-dimethyl- *	120	J	0	0	ug/Kg
Q3376-03	PR132-COMP2-202 SOIL		Octane, 4,5-dipropyl- *	280	J	0	0	ug/Kg
Q3376-03	PR132-COMP2-202 SOIL		1,2,4-Trimethylbenzene *	4.20	J	1.30	10.4	ug/Kg
Total Tics :				704				
Total Concentration:				1060				
Client ID:	PR132-S12-047072-20251016							
Q3376-04	PR132-S12-047072 SOIL		Acetone	320		9.60	50.4	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Carbon Disulfide	19.9		2.10	10.1	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Methyl Acetate	4.90	J	3.10	10.1	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		2-Butanone	100		13.2	50.4	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Methylcyclohexane	29.1		1.80	10.1	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Benzene	9.00	J	1.60	10.1	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Ethyl Benzene	2.70	J	1.40	10.1	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		m/p-Xylenes	14.5	J	2.50	20.2	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		o-Xylene	26.4		1.70	10.1	ug/Kg
Total Voc :				527				
Q3376-04	PR132-S12-047072 SOIL		Naphthalene, decahydro- *	210	J	0	0	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Heptane, 2,2,6,6-tetramethyl-4- *	320	J	0	0	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Octane, 2,6-dimethyl- *	200	J	0	0	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		Undecane, 2,6-dimethyl- *	180	J	0	0	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		1,3,5-Trimethylbenzene *	6.40	J	1.70	10.1	ug/Kg
Q3376-04	PR132-S12-047072 SOIL		1,2,4-Trimethylbenzene *	12.6	J	1.30	10.1	ug/Kg
Total Tics :				929				
Total Concentration:				1460				
Client ID:	PR132-S12-020047-20251016							
Q3376-05	PR132-S12-020047 SOIL		Acetone	290		12.1	63.6	ug/Kg
Q3376-05	PR132-S12-020047 SOIL		Carbon Disulfide	38.1		2.70	12.7	ug/Kg
Q3376-05	PR132-S12-020047 SOIL		2-Butanone	89.0		16.7	63.6	ug/Kg
Q3376-05	PR132-S12-020047 SOIL		Methylcyclohexane	12.9		2.30	12.7	ug/Kg
Q3376-05	PR132-S12-020047 SOIL		o-Xylene	8.80	J	2.10	12.7	ug/Kg
Total Voc :				439				

Hit Summary Sheet
SW-846

SDG No.: Q3376

Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3376-05	PR132-S12-020047	SOIL	Octane, 2,3-dimethyl-	* 210	J	0	0	ug/Kg
			Total Tics :	210				
			Total Concentration:	649				
Client ID:	PR132-FB01-20251016							
Q3376-07	PR132-FB01-20251	Water	Acetone	5.70	J	1.50	25.0	ug/L
			Total Voc :	5.70				
			Total Concentration:	5.70				



SAMPLE DATA

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-057082-202510
Lab Sample ID: Q3376-01
Analytical Method: 8260D
Sample Wt/Vol: 5.56 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 53.5
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	8.40	U	1	1.90	8.40	ug/Kg	10/20/25 14:56	VW102025
74-87-3	Chloromethane	8.40	U	1	1.90	8.40	ug/Kg	10/20/25 14:56	VW102025
75-01-4	Vinyl Chloride	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
74-83-9	Bromomethane	8.40	U	1	1.80	8.40	ug/Kg	10/20/25 14:56	VW102025
75-00-3	Chloroethane	8.40	U	1	2.10	8.40	ug/Kg	10/20/25 14:56	VW102025
75-69-4	Trichlorofluoromethane	8.40	U	1	2.00	8.40	ug/Kg	10/20/25 14:56	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	8.40	U	1	1.80	8.40	ug/Kg	10/20/25 14:56	VW102025
75-35-4	1,1-Dichloroethene	8.40	U	1	1.70	8.40	ug/Kg	10/20/25 14:56	VW102025
67-64-1	Acetone	410		1	8.00	42.0	ug/Kg	10/20/25 14:56	VW102025
75-15-0	Carbon Disulfide	17.6		1	1.80	8.40	ug/Kg	10/20/25 14:56	VW102025
1634-04-4	Methyl tert-butyl Ether	8.40	U	1	1.20	8.40	ug/Kg	10/20/25 14:56	VW102025
79-20-9	Methyl Acetate	8.40	U	1	2.60	8.40	ug/Kg	10/20/25 14:56	VW102025
75-09-2	Methylene Chloride	16.8	U	1	5.90	16.8	ug/Kg	10/20/25 14:56	VW102025
156-60-5	trans-1,2-Dichloroethene	8.40	U	1	1.40	8.40	ug/Kg	10/20/25 14:56	VW102025
75-34-3	1,1-Dichloroethane	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
110-82-7	Cyclohexane	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
78-93-3	2-Butanone	130		1	11.0	42.0	ug/Kg	10/20/25 14:56	VW102025
56-23-5	Carbon Tetrachloride	8.40	U	1	1.60	8.40	ug/Kg	10/20/25 14:56	VW102025
156-59-2	cis-1,2-Dichloroethene	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
74-97-5	Bromochloromethane	8.40	U	1	1.90	8.40	ug/Kg	10/20/25 14:56	VW102025
67-66-3	Chloroform	8.40	U	1	1.40	8.40	ug/Kg	10/20/25 14:56	VW102025
71-55-6	1,1,1-Trichloroethane	8.40	U	1	1.60	8.40	ug/Kg	10/20/25 14:56	VW102025
108-87-2	Methylcyclohexane	140		1	1.50	8.40	ug/Kg	10/20/25 14:56	VW102025
71-43-2	Benzene	4.20	J	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
107-06-2	1,2-Dichloroethane	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
79-01-6	Trichloroethene	8.40	U	1	1.40	8.40	ug/Kg	10/20/25 14:56	VW102025
78-87-5	1,2-Dichloropropane	8.40	U	1	1.50	8.40	ug/Kg	10/20/25 14:56	VW102025
75-27-4	Bromodichloromethane	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
108-10-1	4-Methyl-2-Pentanone	42.0	U	1	6.00	42.0	ug/Kg	10/20/25 14:56	VW102025
108-88-3	Toluene	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
10061-02-6	t-1,3-Dichloropropene	8.40	U	1	1.10	8.40	ug/Kg	10/20/25 14:56	VW102025
10061-01-5	cis-1,3-Dichloropropene	8.40	U	1	1.00	8.40	ug/Kg	10/20/25 14:56	VW102025
79-00-5	1,1,2-Trichloroethane	8.40	U	1	1.50	8.40	ug/Kg	10/20/25 14:56	VW102025
591-78-6	2-Hexanone	42.0	U	1	6.20	42.0	ug/Kg	10/20/25 14:56	VW102025
124-48-1	Dibromochloromethane	8.40	U	1	1.50	8.40	ug/Kg	10/20/25 14:56	VW102025
106-93-4	1,2-Dibromoethane	8.40	U	1	1.50	8.40	ug/Kg	10/20/25 14:56	VW102025
127-18-4	Tetrachloroethene	8.40	U	1	1.80	8.40	ug/Kg	10/20/25 14:56	VW102025
108-90-7	Chlorobenzene	8.40	U	1	1.50	8.40	ug/Kg	10/20/25 14:56	VW102025
100-41-4	Ethyl Benzene	8.40	U	1	1.10	8.40	ug/Kg	10/20/25 14:56	VW102025
179601-23-1	m/p-Xylenes	16.8	U	1	2.10	16.8	ug/Kg	10/20/25 14:56	VW102025
95-47-6	o-Xylene	13.2		1	1.40	8.40	ug/Kg	10/20/25 14:56	VW102025
100-42-5	Styrene	8.40	U	1	1.20	8.40	ug/Kg	10/20/25 14:56	VW102025
75-25-2	Bromoform	8.40	U	1	1.40	8.40	ug/Kg	10/20/25 14:56	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-057082-202510
Lab Sample ID: Q3376-01
Analytical Method: 8260D
Sample Wt/Vol: 5.56 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 53.5
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	8.40	U	1	1.30	8.40	ug/Kg	10/20/25 14:56	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	8.40	U	1	2.00	8.40	ug/Kg	10/20/25 14:56	VW102025
541-73-1	1,3-Dichlorobenzene	8.40	U	1	2.90	8.40	ug/Kg	10/20/25 14:56	VW102025
106-46-7	1,4-Dichlorobenzene	8.40	U	1	2.60	8.40	ug/Kg	10/20/25 14:56	VW102025
95-50-1	1,2-Dichlorobenzene	8.40	U	1	2.40	8.40	ug/Kg	10/20/25 14:56	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	8.40	U	1	3.10	8.40	ug/Kg	10/20/25 14:56	VW102025
120-82-1	1,2,4-Trichlorobenzene	8.40	U	1	5.00	8.40	ug/Kg	10/20/25 14:56	VW102025
87-61-6	1,2,3-Trichlorobenzene	8.40	U	1	5.30	8.40	ug/Kg	10/20/25 14:56	VW102025

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.1			63 - 155	126%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1			70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	58.9			74 - 123	118%	SPK: 50
460-00-4	4-Bromofluorobenzene	64.6			17 - 146	129%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	205000
540-36-3	1,4-Difluorobenzene	456000
3114-55-4	Chlorobenzene-d5	429000
3855-82-1	1,4-Dichlorobenzene-d4	194000

TENTATIVE IDENTIFIED COMPOUNDS

75-65-0	Tert butyl alcohol	82.1	J		5.21	ug/Kg
001072-05-5	Heptane, 2,6-dimethyl-	150	J		10.9	ug/Kg
002216-30-0	Heptane, 2,5-dimethyl-	150	J		11.0	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	200	J		11.2	ug/Kg
003728-56-1	1-Ethyl-4-methylcyclohexane	150	J		11.9	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	420	J		12.3	ug/Kg
007146-60-3	Octane, 2,3-dimethyl-	720	J		12.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	21.6	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	19.3	J		13.3	ug/Kg
99-87-6	p-Isopropyltoluene	7.10	J		13.5	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	120	J		14.8	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP01-20251016
Lab Sample ID: Q3376-02
Analytical Method: 8260D
Sample Wt/Vol: 4.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 53.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.70	U	1	2.20	9.70	ug/Kg	10/21/25 12:14	VY102125
74-87-3	Chloromethane	9.70	U	1	2.20	9.70	ug/Kg	10/21/25 12:14	VY102125
75-01-4	Vinyl Chloride	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
74-83-9	Bromomethane	9.70	U	1	2.10	9.70	ug/Kg	10/21/25 12:14	VY102125
75-00-3	Chloroethane	9.70	U	1	2.40	9.70	ug/Kg	10/21/25 12:14	VY102125
75-69-4	Trichlorofluoromethane	9.70	U	1	2.30	9.70	ug/Kg	10/21/25 12:14	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	9.70	U	1	2.00	9.70	ug/Kg	10/21/25 12:14	VY102125
75-35-4	1,1-Dichloroethene	9.70	U	1	1.90	9.70	ug/Kg	10/21/25 12:14	VY102125
67-64-1	Acetone	140		1	9.20	48.3	ug/Kg	10/21/25 12:14	VY102125
75-15-0	Carbon Disulfide	6.90	J	1	2.00	9.70	ug/Kg	10/21/25 12:14	VY102125
1634-04-4	Methyl tert-butyl Ether	9.70	U	1	1.40	9.70	ug/Kg	10/21/25 12:14	VY102125
79-20-9	Methyl Acetate	9.70	U	1	3.00	9.70	ug/Kg	10/21/25 12:14	VY102125
75-09-2	Methylene Chloride	19.3	U	1	6.80	19.3	ug/Kg	10/21/25 12:14	VY102125
156-60-5	trans-1,2-Dichloroethene	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125
75-34-3	1,1-Dichloroethane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
110-82-7	Cyclohexane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
78-93-3	2-Butanone	39.0	J	1	12.6	48.3	ug/Kg	10/21/25 12:14	VY102125
56-23-5	Carbon Tetrachloride	9.70	U	1	1.90	9.70	ug/Kg	10/21/25 12:14	VY102125
156-59-2	cis-1,2-Dichloroethene	9.70	U	1	1.40	9.70	ug/Kg	10/21/25 12:14	VY102125
74-97-5	Bromochloromethane	9.70	U	1	2.20	9.70	ug/Kg	10/21/25 12:14	VY102125
67-66-3	Chloroform	9.70	U	1	1.60	9.70	ug/Kg	10/21/25 12:14	VY102125
71-55-6	1,1,1-Trichloroethane	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
108-87-2	Methylcyclohexane	58.1		1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
71-43-2	Benzene	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
107-06-2	1,2-Dichloroethane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
79-01-6	Trichloroethene	9.70	U	1	1.60	9.70	ug/Kg	10/21/25 12:14	VY102125
78-87-5	1,2-Dichloropropane	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
75-27-4	Bromodichloromethane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
108-10-1	4-Methyl-2-Pentanone	48.3	U	1	6.90	48.3	ug/Kg	10/21/25 12:14	VY102125
108-88-3	Toluene	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
10061-02-6	t-1,3-Dichloropropene	9.70	U	1	1.30	9.70	ug/Kg	10/21/25 12:14	VY102125
10061-01-5	cis-1,3-Dichloropropene	9.70	U	1	1.20	9.70	ug/Kg	10/21/25 12:14	VY102125
79-00-5	1,1,2-Trichloroethane	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
591-78-6	2-Hexanone	48.3	U	1	7.10	48.3	ug/Kg	10/21/25 12:14	VY102125
124-48-1	Dibromochloromethane	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125
106-93-4	1,2-Dibromoethane	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125
127-18-4	Tetrachloroethene	9.70	U	1	2.00	9.70	ug/Kg	10/21/25 12:14	VY102125
108-90-7	Chlorobenzene	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
100-41-4	Ethyl Benzene	9.70	U	1	1.30	9.70	ug/Kg	10/21/25 12:14	VY102125
179601-23-1	m/p-Xylenes	19.3	U	1	2.40	19.3	ug/Kg	10/21/25 12:14	VY102125
95-47-6	o-Xylene	9.70	U	1	1.60	9.70	ug/Kg	10/21/25 12:14	VY102125
100-42-5	Styrene	9.70	U	1	1.40	9.70	ug/Kg	10/21/25 12:14	VY102125
75-25-2	Bromoform	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP01-20251016
Lab Sample ID: Q3376-02
Analytical Method: 8260D
Sample Wt/Vol: 4.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 53.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	9.70	U	1	2.30	9.70	ug/Kg	10/21/25 12:14	VY102125
541-73-1	1,3-Dichlorobenzene	9.70	U	1	3.30	9.70	ug/Kg	10/21/25 12:14	VY102125
106-46-7	1,4-Dichlorobenzene	9.70	U	1	3.00	9.70	ug/Kg	10/21/25 12:14	VY102125
95-50-1	1,2-Dichlorobenzene	9.70	U	1	2.80	9.70	ug/Kg	10/21/25 12:14	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	9.70	U	1	3.60	9.70	ug/Kg	10/21/25 12:14	VY102125
120-82-1	1,2,4-Trichlorobenzene	9.70	U	1	5.70	9.70	ug/Kg	10/21/25 12:14	VY102125
87-61-6	1,2,3-Trichlorobenzene	9.70	U	1	6.10	9.70	ug/Kg	10/21/25 12:14	VY102125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	57.2			63 - 155	114%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	52.8			74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.1			17 - 146	94%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	663000
540-36-3	1,4-Difluorobenzene	1120000
3114-55-4	Chlorobenzene-d5	942000
3855-82-1	1,4-Dichlorobenzene-d4	360000

TENTATIVE IDENTIFIED COMPOUNDS

108-67-8	1,3,5-Trimethylbenzene	9.00	J		12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	6.10	J		13.0	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	160	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	200	J		14.2	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	160	J		14.6	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-COMP2-20251016
Lab Sample ID: Q3376-03
Analytical Method: 8260D
Sample Wt/Vol: 4.57 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 52.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.4	U	1	2.40	10.4	ug/Kg	10/20/25 15:40	VW102025
74-87-3	Chloromethane	10.4	U	1	2.40	10.4	ug/Kg	10/20/25 15:40	VW102025
75-01-4	Vinyl Chloride	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
74-83-9	Bromomethane	10.4	U	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
75-00-3	Chloroethane	10.4	U	1	2.60	10.4	ug/Kg	10/20/25 15:40	VW102025
75-69-4	Trichlorofluoromethane	10.4	U	1	2.50	10.4	ug/Kg	10/20/25 15:40	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	10.4	U	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
75-35-4	1,1-Dichloroethene	10.4	U	1	2.10	10.4	ug/Kg	10/20/25 15:40	VW102025
67-64-1	Acetone	240		1	9.80	51.9	ug/Kg	10/20/25 15:40	VW102025
75-15-0	Carbon Disulfide	10.0	J	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
1634-04-4	Methyl tert-butyl Ether	10.4	U	1	1.50	10.4	ug/Kg	10/20/25 15:40	VW102025
79-20-9	Methyl Acetate	10.4	U	1	3.20	10.4	ug/Kg	10/20/25 15:40	VW102025
75-09-2	Methylene Chloride	20.8	U	1	7.30	20.8	ug/Kg	10/20/25 15:40	VW102025
156-60-5	trans-1,2-Dichloroethene	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025
75-34-3	1,1-Dichloroethane	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
110-82-7	Cyclohexane	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
78-93-3	2-Butanone	73.7		1	13.6	51.9	ug/Kg	10/20/25 15:40	VW102025
56-23-5	Carbon Tetrachloride	10.4	U	1	2.00	10.4	ug/Kg	10/20/25 15:40	VW102025
156-59-2	cis-1,2-Dichloroethene	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
74-97-5	Bromochloromethane	10.4	U	1	2.40	10.4	ug/Kg	10/20/25 15:40	VW102025
67-66-3	Chloroform	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
71-55-6	1,1,1-Trichloroethane	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
108-87-2	Methylcyclohexane	27.2		1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
71-43-2	Benzene	2.50	J	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
107-06-2	1,2-Dichloroethane	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
79-01-6	Trichloroethene	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
78-87-5	1,2-Dichloropropane	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
75-27-4	Bromodichloromethane	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
108-10-1	4-Methyl-2-Pentanone	51.9	U	1	7.40	51.9	ug/Kg	10/20/25 15:40	VW102025
108-88-3	Toluene	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
10061-02-6	t-1,3-Dichloropropene	10.4	U	1	1.30	10.4	ug/Kg	10/20/25 15:40	VW102025
10061-01-5	cis-1,3-Dichloropropene	10.4	U	1	1.30	10.4	ug/Kg	10/20/25 15:40	VW102025
79-00-5	1,1,2-Trichloroethane	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
591-78-6	2-Hexanone	51.9	U	1	7.70	51.9	ug/Kg	10/20/25 15:40	VW102025
124-48-1	Dibromochloromethane	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025
106-93-4	1,2-Dibromoethane	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025
127-18-4	Tetrachloroethene	10.4	U	1	2.20	10.4	ug/Kg	10/20/25 15:40	VW102025
108-90-7	Chlorobenzene	10.4	U	1	1.90	10.4	ug/Kg	10/20/25 15:40	VW102025
100-41-4	Ethyl Benzene	10.4	U	1	1.40	10.4	ug/Kg	10/20/25 15:40	VW102025
179601-23-1	m/p-Xylenes	20.8	U	1	2.60	20.8	ug/Kg	10/20/25 15:40	VW102025
95-47-6	o-Xylene	10.4	U	1	1.70	10.4	ug/Kg	10/20/25 15:40	VW102025
100-42-5	Styrene	10.4	U	1	1.50	10.4	ug/Kg	10/20/25 15:40	VW102025
75-25-2	Bromoform	10.4	U	1	1.80	10.4	ug/Kg	10/20/25 15:40	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-COMP2-20251016
Lab Sample ID: Q3376-03
Analytical Method: 8260D
Sample Wt/Vol: 4.57 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 52.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10.4	U	1	1.60	10.4	ug/Kg	10/20/25 15:40	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	10.4	U	1	2.50	10.4	ug/Kg	10/20/25 15:40	VW102025
541-73-1	1,3-Dichlorobenzene	10.4	U	1	3.60	10.4	ug/Kg	10/20/25 15:40	VW102025
106-46-7	1,4-Dichlorobenzene	10.4	U	1	3.20	10.4	ug/Kg	10/20/25 15:40	VW102025
95-50-1	1,2-Dichlorobenzene	10.4	U	1	3.00	10.4	ug/Kg	10/20/25 15:40	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	10.4	U	1	3.80	10.4	ug/Kg	10/20/25 15:40	VW102025
120-82-1	1,2,4-Trichlorobenzene	10.4	U	1	6.20	10.4	ug/Kg	10/20/25 15:40	VW102025
87-61-6	1,2,3-Trichlorobenzene	10.4	U	1	6.60	10.4	ug/Kg	10/20/25 15:40	VW102025

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.3			63 - 155	121%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	55.5			74 - 123	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	64.7			17 - 146	129%	SPK: 50

INTERNAL STANDARDS

	Area Count
363-72-4 Pentafluorobenzene	224000
540-36-3 1,4-Difluorobenzene	492000
3114-55-4 Chlorobenzene-d5	496000
3855-82-1 1,4-Dichlorobenzene-d4	236000

TENTATIVE IDENTIFIED COMPOUNDS

002051-30-1	Octane, 2,6-dimethyl-	160	J		12.3	ug/Kg
020905-05-9	Octane, 4,5-dipropyl-	280	J		12.4	ug/Kg
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	140	J		13.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.20	J		13.3	ug/Kg
017301-28-9	Undecane, 3,6-dimethyl-	120	J		14.8	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S12-047072-202510
Lab Sample ID: Q3376-04
Analytical Method: 8260D
Sample Wt/Vol: 4.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 51.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.1	U	1	2.30	10.1	ug/Kg	10/20/25 16:02	VW102025
74-87-3	Chloromethane	10.1	U	1	2.30	10.1	ug/Kg	10/20/25 16:02	VW102025
75-01-4	Vinyl Chloride	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
74-83-9	Bromomethane	10.1	U	1	2.20	10.1	ug/Kg	10/20/25 16:02	VW102025
75-00-3	Chloroethane	10.1	U	1	2.50	10.1	ug/Kg	10/20/25 16:02	VW102025
75-69-4	Trichlorofluoromethane	10.1	U	1	2.40	10.1	ug/Kg	10/20/25 16:02	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	10.1	U	1	2.10	10.1	ug/Kg	10/20/25 16:02	VW102025
75-35-4	1,1-Dichloroethene	10.1	U	1	2.00	10.1	ug/Kg	10/20/25 16:02	VW102025
67-64-1	Acetone	320		1	9.60	50.4	ug/Kg	10/20/25 16:02	VW102025
75-15-0	Carbon Disulfide	19.9		1	2.10	10.1	ug/Kg	10/20/25 16:02	VW102025
1634-04-4	Methyl tert-butyl Ether	10.1	U	1	1.50	10.1	ug/Kg	10/20/25 16:02	VW102025
79-20-9	Methyl Acetate	4.90	J	1	3.10	10.1	ug/Kg	10/20/25 16:02	VW102025
75-09-2	Methylene Chloride	20.2	U	1	7.10	20.2	ug/Kg	10/20/25 16:02	VW102025
156-60-5	trans-1,2-Dichloroethene	10.1	U	1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025
75-34-3	1,1-Dichloroethane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
110-82-7	Cyclohexane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
78-93-3	2-Butanone	100		1	13.2	50.4	ug/Kg	10/20/25 16:02	VW102025
56-23-5	Carbon Tetrachloride	10.1	U	1	2.00	10.1	ug/Kg	10/20/25 16:02	VW102025
156-59-2	cis-1,2-Dichloroethene	10.1	U	1	1.50	10.1	ug/Kg	10/20/25 16:02	VW102025
74-97-5	Bromochloromethane	10.1	U	1	2.30	10.1	ug/Kg	10/20/25 16:02	VW102025
67-66-3	Chloroform	10.1	U	1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025
71-55-6	1,1,1-Trichloroethane	10.1	U	1	1.90	10.1	ug/Kg	10/20/25 16:02	VW102025
108-87-2	Methylcyclohexane	29.1		1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
71-43-2	Benzene	9.00	J	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
107-06-2	1,2-Dichloroethane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
79-01-6	Trichloroethene	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
78-87-5	1,2-Dichloropropane	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
75-27-4	Bromodichloromethane	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
108-10-1	4-Methyl-2-Pentanone	50.4	U	1	7.20	50.4	ug/Kg	10/20/25 16:02	VW102025
108-88-3	Toluene	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
10061-02-6	t-1,3-Dichloropropene	10.1	U	1	1.30	10.1	ug/Kg	10/20/25 16:02	VW102025
10061-01-5	cis-1,3-Dichloropropene	10.1	U	1	1.30	10.1	ug/Kg	10/20/25 16:02	VW102025
79-00-5	1,1,2-Trichloroethane	10.1	U	1	1.90	10.1	ug/Kg	10/20/25 16:02	VW102025
591-78-6	2-Hexanone	50.4	U	1	7.40	50.4	ug/Kg	10/20/25 16:02	VW102025
124-48-1	Dibromochloromethane	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
106-93-4	1,2-Dibromoethane	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
127-18-4	Tetrachloroethene	10.1	U	1	2.10	10.1	ug/Kg	10/20/25 16:02	VW102025
108-90-7	Chlorobenzene	10.1	U	1	1.80	10.1	ug/Kg	10/20/25 16:02	VW102025
100-41-4	Ethyl Benzene	2.70	J	1	1.40	10.1	ug/Kg	10/20/25 16:02	VW102025
179601-23-1	m/p-Xylenes	14.5	J	1	2.50	20.2	ug/Kg	10/20/25 16:02	VW102025
95-47-6	o-Xylene	26.4		1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025
100-42-5	Styrene	10.1	U	1	1.40	10.1	ug/Kg	10/20/25 16:02	VW102025
75-25-2	Bromoform	10.1	U	1	1.70	10.1	ug/Kg	10/20/25 16:02	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S12-047072-202510
Lab Sample ID: Q3376-04
Analytical Method: 8260D
Sample Wt/Vol: 4.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 51.3
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10.1	U	1	1.60	10.1	ug/Kg	10/20/25 16:02	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	10.1	U	1	2.40	10.1	ug/Kg	10/20/25 16:02	VW102025
541-73-1	1,3-Dichlorobenzene	10.1	U	1	3.50	10.1	ug/Kg	10/20/25 16:02	VW102025
106-46-7	1,4-Dichlorobenzene	10.1	U	1	3.10	10.1	ug/Kg	10/20/25 16:02	VW102025
95-50-1	1,2-Dichlorobenzene	10.1	U	1	2.90	10.1	ug/Kg	10/20/25 16:02	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	10.1	U	1	3.70	10.1	ug/Kg	10/20/25 16:02	VW102025
120-82-1	1,2,4-Trichlorobenzene	10.1	U	1	6.00	10.1	ug/Kg	10/20/25 16:02	VW102025
87-61-6	1,2,3-Trichlorobenzene	10.1	U	1	6.40	10.1	ug/Kg	10/20/25 16:02	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.6			63 - 155	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.3			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	52.7			74 - 123	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	68.1			17 - 146	136%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	229000							
540-36-3	1,4-Difluorobenzene	505000							
3114-55-4	Chlorobenzene-d5	503000							
3855-82-1	1,4-Dichlorobenzene-d4	263000							
TENTATIVE IDENTIFIED COMPOUNDS									
002051-30-1	Octane, 2,6-dimethyl-	200	J			12.3	ug/Kg		
108-67-8	1,3,5-Trimethylbenzene	6.40	J			12.9	ug/Kg		
000141-70-8	Heptane, 2,2,6,6-tetramethyl-4-met	320	J			13.1	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	12.6	J			13.2	ug/Kg		
000091-17-8	Naphthalene, decahydro-	210	J			13.9	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	180	J			14.8	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S12-020047-202510
Lab Sample ID: Q3376-05
Analytical Method: 8260D
Sample Wt/Vol: 2.94 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 66.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	12.7	U	1	2.90	12.7	ug/Kg	10/20/25 16:24	VW102025
74-87-3	Chloromethane	12.7	U	1	2.90	12.7	ug/Kg	10/20/25 16:24	VW102025
75-01-4	Vinyl Chloride	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
74-83-9	Bromomethane	12.7	U	1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
75-00-3	Chloroethane	12.7	U	1	3.20	12.7	ug/Kg	10/20/25 16:24	VW102025
75-69-4	Trichlorofluoromethane	12.7	U	1	3.10	12.7	ug/Kg	10/20/25 16:24	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	12.7	U	1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
75-35-4	1,1-Dichloroethene	12.7	U	1	2.50	12.7	ug/Kg	10/20/25 16:24	VW102025
67-64-1	Acetone	290		1	12.1	63.6	ug/Kg	10/20/25 16:24	VW102025
75-15-0	Carbon Disulfide	38.1		1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
1634-04-4	Methyl tert-butyl Ether	12.7	U	1	1.90	12.7	ug/Kg	10/20/25 16:24	VW102025
79-20-9	Methyl Acetate	12.7	U	1	3.90	12.7	ug/Kg	10/20/25 16:24	VW102025
75-09-2	Methylene Chloride	25.5	U	1	9.00	25.5	ug/Kg	10/20/25 16:24	VW102025
156-60-5	trans-1,2-Dichloroethene	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025
75-34-3	1,1-Dichloroethane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
110-82-7	Cyclohexane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
78-93-3	2-Butanone	89.0		1	16.7	63.6	ug/Kg	10/20/25 16:24	VW102025
56-23-5	Carbon Tetrachloride	12.7	U	1	2.50	12.7	ug/Kg	10/20/25 16:24	VW102025
156-59-2	cis-1,2-Dichloroethene	12.7	U	1	1.90	12.7	ug/Kg	10/20/25 16:24	VW102025
74-97-5	Bromochloromethane	12.7	U	1	2.90	12.7	ug/Kg	10/20/25 16:24	VW102025
67-66-3	Chloroform	12.7	U	1	2.10	12.7	ug/Kg	10/20/25 16:24	VW102025
71-55-6	1,1,1-Trichloroethane	12.7	U	1	2.40	12.7	ug/Kg	10/20/25 16:24	VW102025
108-87-2	Methylcyclohexane	12.9		1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
71-43-2	Benzene	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
107-06-2	1,2-Dichloroethane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
79-01-6	Trichloroethene	12.7	U	1	2.10	12.7	ug/Kg	10/20/25 16:24	VW102025
78-87-5	1,2-Dichloropropane	12.7	U	1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
75-27-4	Bromodichloromethane	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
108-10-1	4-Methyl-2-Pentanone	63.6	U	1	9.10	63.6	ug/Kg	10/20/25 16:24	VW102025
108-88-3	Toluene	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
10061-02-6	t-1,3-Dichloropropene	12.7	U	1	1.70	12.7	ug/Kg	10/20/25 16:24	VW102025
10061-01-5	cis-1,3-Dichloropropene	12.7	U	1	1.60	12.7	ug/Kg	10/20/25 16:24	VW102025
79-00-5	1,1,2-Trichloroethane	12.7	U	1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
591-78-6	2-Hexanone	63.6	U	1	9.40	63.6	ug/Kg	10/20/25 16:24	VW102025
124-48-1	Dibromochloromethane	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025
106-93-4	1,2-Dibromoethane	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025
127-18-4	Tetrachloroethene	12.7	U	1	2.70	12.7	ug/Kg	10/20/25 16:24	VW102025
108-90-7	Chlorobenzene	12.7	U	1	2.30	12.7	ug/Kg	10/20/25 16:24	VW102025
100-41-4	Ethyl Benzene	12.7	U	1	1.70	12.7	ug/Kg	10/20/25 16:24	VW102025
179601-23-1	m/p-Xylenes	25.5	U	1	3.20	25.5	ug/Kg	10/20/25 16:24	VW102025
95-47-6	o-Xylene	8.80	J	1	2.10	12.7	ug/Kg	10/20/25 16:24	VW102025
100-42-5	Styrene	12.7	U	1	1.80	12.7	ug/Kg	10/20/25 16:24	VW102025
75-25-2	Bromoform	12.7	U	1	2.20	12.7	ug/Kg	10/20/25 16:24	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S12-020047-202510
Lab Sample ID: Q3376-05
Analytical Method: 8260D
Sample Wt/Vol: 2.94 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 66.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	12.7	U	1	2.00	12.7	ug/Kg	10/20/25 16:24	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	12.7	U	1	3.10	12.7	ug/Kg	10/20/25 16:24	VW102025
541-73-1	1,3-Dichlorobenzene	12.7	U	1	4.40	12.7	ug/Kg	10/20/25 16:24	VW102025
106-46-7	1,4-Dichlorobenzene	12.7	U	1	4.00	12.7	ug/Kg	10/20/25 16:24	VW102025
95-50-1	1,2-Dichlorobenzene	12.7	U	1	3.70	12.7	ug/Kg	10/20/25 16:24	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	12.7	U	1	4.70	12.7	ug/Kg	10/20/25 16:24	VW102025
120-82-1	1,2,4-Trichlorobenzene	12.7	U	1	7.60	12.7	ug/Kg	10/20/25 16:24	VW102025
87-61-6	1,2,3-Trichlorobenzene	12.7	U	1	8.10	12.7	ug/Kg	10/20/25 16:24	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.8			63 - 155	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.8			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	53.0			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.5			17 - 146	111%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	221000							
540-36-3	1,4-Difluorobenzene	500000							
3114-55-4	Chlorobenzene-d5	487000							
3855-82-1	1,4-Dichlorobenzene-d4	228000							
TENTATIVE IDENTIFIED COMPOUNDS									
007146-60-3	Octane, 2,3-dimethyl-	210	J			12.4	ug/Kg		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-FB01-20251016
Lab Sample ID: Q3376-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	U	1	0.22	5.00	ug/L	10/21/25 17:48	VX102125
74-87-3	Chloromethane	5.00	U	1	0.32	5.00	ug/L	10/21/25 17:48	VX102125
75-01-4	Vinyl Chloride	5.00	U	1	0.26	5.00	ug/L	10/21/25 17:48	VX102125
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/21/25 17:48	VX102125
75-00-3	Chloroethane	5.00	U	1	0.47	5.00	ug/L	10/21/25 17:48	VX102125
75-69-4	Trichlorofluoromethane	5.00	U	1	0.33	5.00	ug/L	10/21/25 17:48	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	1	0.25	5.00	ug/L	10/21/25 17:48	VX102125
75-35-4	1,1-Dichloroethene	5.00	U	1	0.23	5.00	ug/L	10/21/25 17:48	VX102125
67-64-1	Acetone	5.70	J	1	1.50	25.0	ug/L	10/21/25 17:48	VX102125
75-15-0	Carbon Disulfide	5.00	U	1	0.21	5.00	ug/L	10/21/25 17:48	VX102125
1634-04-4	Methyl tert-butyl Ether	5.00	U	1	0.16	5.00	ug/L	10/21/25 17:48	VX102125
79-20-9	Methyl Acetate	5.00	U	1	0.27	5.00	ug/L	10/21/25 17:48	VX102125
75-09-2	Methylene Chloride	5.00	U	1	0.28	5.00	ug/L	10/21/25 17:48	VX102125
156-60-5	trans-1,2-Dichloroethene	5.00	U	1	0.23	5.00	ug/L	10/21/25 17:48	VX102125
75-34-3	1,1-Dichloroethane	5.00	U	1	0.23	5.00	ug/L	10/21/25 17:48	VX102125
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/21/25 17:48	VX102125
78-93-3	2-Butanone	25.0	U	1	0.98	25.0	ug/L	10/21/25 17:48	VX102125
56-23-5	Carbon Tetrachloride	5.00	U	1	0.25	5.00	ug/L	10/21/25 17:48	VX102125
156-59-2	cis-1,2-Dichloroethene	5.00	U	1	0.19	5.00	ug/L	10/21/25 17:48	VX102125
74-97-5	Bromochloromethane	5.00	U	1	0.22	5.00	ug/L	10/21/25 17:48	VX102125
67-66-3	Chloroform	5.00	U	1	0.25	5.00	ug/L	10/21/25 17:48	VX102125
71-55-6	1,1,1-Trichloroethane	5.00	U	1	0.20	5.00	ug/L	10/21/25 17:48	VX102125
108-87-2	Methylcyclohexane	5.00	U	1	0.16	5.00	ug/L	10/21/25 17:48	VX102125
71-43-2	Benzene	5.00	U	1	0.15	5.00	ug/L	10/21/25 17:48	VX102125
107-06-2	1,2-Dichloroethane	5.00	U	1	0.22	5.00	ug/L	10/21/25 17:48	VX102125
79-01-6	Trichloroethene	5.00	U	1	0.090	5.00	ug/L	10/21/25 17:48	VX102125
78-87-5	1,2-Dichloropropane	5.00	U	1	0.20	5.00	ug/L	10/21/25 17:48	VX102125
75-27-4	Bromodichloromethane	5.00	U	1	0.22	5.00	ug/L	10/21/25 17:48	VX102125
108-10-1	4-Methyl-2-Pentanone	25.0	U	1	0.68	25.0	ug/L	10/21/25 17:48	VX102125
108-88-3	Toluene	5.00	U	1	0.14	5.00	ug/L	10/21/25 17:48	VX102125
10061-02-6	t-1,3-Dichloropropene	5.00	U	1	0.17	5.00	ug/L	10/21/25 17:48	VX102125
10061-01-5	cis-1,3-Dichloropropene	5.00	U	1	0.16	5.00	ug/L	10/21/25 17:48	VX102125
79-00-5	1,1,2-Trichloroethane	5.00	U	1	0.21	5.00	ug/L	10/21/25 17:48	VX102125
591-78-6	2-Hexanone	25.0	U	1	0.89	25.0	ug/L	10/21/25 17:48	VX102125
124-48-1	Dibromochloromethane	5.00	U	1	0.18	5.00	ug/L	10/21/25 17:48	VX102125
106-93-4	1,2-Dibromoethane	5.00	U	1	0.15	5.00	ug/L	10/21/25 17:48	VX102125
127-18-4	Tetrachloroethene	5.00	U	1	0.23	5.00	ug/L	10/21/25 17:48	VX102125
108-90-7	Chlorobenzene	5.00	U	1	0.12	5.00	ug/L	10/21/25 17:48	VX102125
100-41-4	Ethyl Benzene	5.00	U	1	0.13	5.00	ug/L	10/21/25 17:48	VX102125
179601-23-1	m/p-Xylenes	10.0	U	1	0.24	10.0	ug/L	10/21/25 17:48	VX102125
95-47-6	o-Xylene	5.00	U	1	0.12	5.00	ug/L	10/21/25 17:48	VX102125
100-42-5	Styrene	5.00	U	1	0.15	5.00	ug/L	10/21/25 17:48	VX102125
75-25-2	Bromoform	5.00	U	1	0.19	5.00	ug/L	10/21/25 17:48	VX102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-FB01-20251016
Lab Sample ID: Q3376-07
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	U	1	0.12	5.00	ug/L	10/21/25 17:48	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	1	0.26	5.00	ug/L	10/21/25 17:48	VX102125
541-73-1	1,3-Dichlorobenzene	5.00	U	1	0.16	5.00	ug/L	10/21/25 17:48	VX102125
106-46-7	1,4-Dichlorobenzene	5.00	U	1	0.19	5.00	ug/L	10/21/25 17:48	VX102125
95-50-1	1,2-Dichlorobenzene	5.00	U	1	0.16	5.00	ug/L	10/21/25 17:48	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	1	0.53	5.00	ug/L	10/21/25 17:48	VX102125
120-82-1	1,2,4-Trichlorobenzene	5.00	U	1	0.20	5.00	ug/L	10/21/25 17:48	VX102125
87-61-6	1,2,3-Trichlorobenzene	5.00	U	1	0.20	5.00	ug/L	10/21/25 17:48	VX102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.4			74 - 125	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.8			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	48.0			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.1			77 - 121	114%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	96000							
540-36-3	1,4-Difluorobenzene	185000							
3114-55-4	Chlorobenzene-d5	197000							
3855-82-1	1,4-Dichlorobenzene-d4	106000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: Q3376

Client: AECOM

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3376-01	PR132-S05-057082-20251016	1,2-Dichloroethane-d4	50	63.1	126		63	155
		Dibromofluoromethane	50	55.1	110		70	134
		Toluene-d8	50	58.9	118		74	123
		4-Bromofluorobenzene	50	64.6	129		17	146
Q3376-02	PR132-DP01-20251016	1,2-Dichloroethane-d4	50	57.2	114		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	52.8	106		74	123
		4-Bromofluorobenzene	50	47.1	94		17	146
Q3376-03	PR132-COMP2-20251016	1,2-Dichloroethane-d4	50	60.3	121		63	155
		Dibromofluoromethane	50	53.8	107		70	134
		Toluene-d8	50	55.5	111		74	123
		4-Bromofluorobenzene	50	64.7	129		17	146
Q3376-04	PR132-S12-047072-20251016	1,2-Dichloroethane-d4	50	60.6	121		63	155
		Dibromofluoromethane	50	53.3	107		70	134
		Toluene-d8	50	52.7	105		74	123
		4-Bromofluorobenzene	50	68.1	136		17	146
Q3376-05	PR132-S12-020047-20251016	1,2-Dichloroethane-d4	50	58.8	118		63	155
		Dibromofluoromethane	50	51.8	104		70	134
		Toluene-d8	50	53.0	106		74	123
		4-Bromofluorobenzene	50	55.5	111		17	146
Q3376-07	PR132-FB01-20251016	1,2-Dichloroethane-d4	50	58.4	117		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	48.0	96		86	113
		4-Bromofluorobenzene	50	57.1	114		77	121
VW1020SBL01	VW1020SBL01	1,2-Dichloroethane-d4	50	65.7	131		63	155
		Dibromofluoromethane	50	58.2	116		70	134
		Toluene-d8	50	54.5	109		74	123
		4-Bromofluorobenzene	50	51.8	104		17	146
VW1020SBS01	VW1020SBS01	1,2-Dichloroethane-d4	50	52.1	104		63	155
		Dibromofluoromethane	50	53.3	107		70	134
		Toluene-d8	50	53.0	106		74	123
		4-Bromofluorobenzene	50	51.7	103		17	146
VW1020SBSD0	VW1020SBSD01	1,2-Dichloroethane-d4	50	53.1	106		63	155
		Dibromofluoromethane	50	54.5	109		70	134
		Toluene-d8	50	54.5	109		74	123
		4-Bromofluorobenzene	50	52.8	106		17	146
VY1021SBL01	VY1021SBL01	1,2-Dichloroethane-d4	50	46.0	92		63	155
		Dibromofluoromethane	50	49.7	99		70	134
		Toluene-d8	50	48.1	96		74	123
		4-Bromofluorobenzene	50	36.4	73		17	146
VY1021SBS01	VY1021SBS01	1,2-Dichloroethane-d4	50	46.9	94		63	155
		Dibromofluoromethane	50	50.9	102		70	134
		Toluene-d8	50	51.3	103		74	123
		4-Bromofluorobenzene	50	49.9	100		17	146

Surrogate Summary

SDG No.: Q3376

Client: AECOM

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX1021WBL01	VX1021WBL01	1,2-Dichloroethane-d4	50	52.5	105		74	125
		Dibromofluoromethane	50	47.1	94		75	124
		Toluene-d8	50	46.4	93		86	113
		4-Bromofluorobenzene	50	52.6	105		77	121
VX1021WBS01	VX1021WBS01	1,2-Dichloroethane-d4	50	49.2	98		74	125
		Dibromofluoromethane	50	49.3	99		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	49.7	99		77	121
VX1021WBSD0	VX1021WBSD01	1,2-Dichloroethane-d4	50	46.5	93		74	125
		Dibromofluoromethane	50	48.0	96		75	124
		Toluene-d8	50	47.9	96		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3376	SW-846	Analytical Method:	SW8260D
Client:	AECOM		Datafile :	VW032380.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1020SBS01	Dichlorodifluoromethane	20	19.9	ug/Kg	100			64	136	
	Chloromethane	20	20.1	ug/Kg	101			52	151	
	Vinyl chloride	20	22.1	ug/Kg	111			56	148	
	Bromomethane	20	21.1	ug/Kg	106			58	141	
	Chloroethane	20	21.4	ug/Kg	107			69	130	
	Trichlorofluoromethane	20	19.4	ug/Kg	97			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	21.7	ug/Kg	109			79	121	
	Acetone	100	97.1	ug/Kg	97			40	171	
	Carbon disulfide	20	21.1	ug/Kg	106			59	130	
	Methyl tert-butyl Ether	20	19.0	ug/Kg	95			77	129	
	Methyl Acetate	20	17.5	ug/Kg	88			69	149	
	Methylene Chloride	20	19.0	ug/Kg	95			72	131	
	trans-1,2-Dichloroethene	20	21.0	ug/Kg	105			80	123	
	1,1-Dichloroethane	20	20.8	ug/Kg	104			82	123	
	Cyclohexane	20	19.2	ug/Kg	96			76	122	
	2-Butanone	100	87.6	ug/Kg	88			69	131	
	Carbon Tetrachloride	20	22.0	ug/Kg	110			76	129	
	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102			82	123	
	Bromochloromethane	20	20.8	ug/Kg	104			80	127	
	Chloroform	20	21.5	ug/Kg	108			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	19.3	ug/Kg	97			77	123	
	Benzene	20	20.9	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	20.6	ug/Kg	103			81	126	
	Trichloroethene	20	20.3	ug/Kg	102			83	122	
	1,2-Dichloropropane	20	21.0	ug/Kg	105			83	122	
	Bromodichloromethane	20	22.0	ug/Kg	110			82	123	
	4-Methyl-2-Pentanone	100	92.3	ug/Kg	92			70	135	
	Toluene	20	20.8	ug/Kg	104			83	122	
	t-1,3-Dichloropropene	20	20.2	ug/Kg	101			78	124	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.7	ug/Kg	104			82	125	
	2-Hexanone	100	92.8	ug/Kg	93			66	138	
	Dibromochloromethane	20	21.7	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	20.3	ug/Kg	102			80	125	
	Tetrachloroethene	20	20.1	ug/Kg	101			83	125	
	Chlorobenzene	20	20.2	ug/Kg	101			84	122	
	Ethyl Benzene	20	20.5	ug/Kg	103			82	124	
	m/p-Xylenes	40	41.2	ug/Kg	103			83	124	
	o-Xylene	20	19.8	ug/Kg	99			83	123	
	Styrene	20	21.1	ug/Kg	106			82	124	
	Bromoform	20	21.5	ug/Kg	108			75	127	
	Isopropylbenzene	20	19.8	ug/Kg	99			82	124	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/Kg	95			77	127	
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102			83	122	
	1,4-Dichlorobenzene	20	20.3	ug/Kg	102			84	121	
	1,2-Dichlorobenzene	20	20.0	ug/Kg	100			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>AECOM</u>	Datafile :	<u>VW032380.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW1020SBS01	1,2-Dibromo-3-Chloropropane	20	18.4	ug/Kg	92			66	134	
	1,2,4-Trichlorobenzene	20	19.2	ug/Kg	96			78	127	
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3376	SW-846	Analytical Method:	SW8260D
Client:	AECOM		Datafile :	VW032381.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1020SBSD01	Dichlorodifluoromethane	20	21.7	ug/Kg	109	9		64	136	20
	Chloromethane	20	20.0	ug/Kg	100	1		52	151	20
	Vinyl chloride	20	21.4	ug/Kg	107	4		56	148	20
	Bromomethane	20	21.7	ug/Kg	109	3		58	141	20
	Chloroethane	20	21.6	ug/Kg	108	1		69	130	20
	Trichlorofluoromethane	20	21.6	ug/Kg	108	11		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.6	ug/Kg	103	1		81	123	20
	1,1-Dichloroethene	20	21.6	ug/Kg	108	1		79	121	20
	Acetone	100	110	ug/Kg	110	13		40	171	20
	Carbon disulfide	20	21.6	ug/Kg	108	2		59	130	20
	Methyl tert-butyl Ether	20	21.3	ug/Kg	106	11		77	129	20
	Methyl Acetate	20	20.9	ug/Kg	104	17		69	149	20
	Methylene Chloride	20	19.5	ug/Kg	98	3		72	131	20
	trans-1,2-Dichloroethene	20	21.5	ug/Kg	108	3		80	123	20
	1,1-Dichloroethane	20	21.5	ug/Kg	108	4		82	123	20
	Cyclohexane	20	19.7	ug/Kg	99	3		76	122	20
	2-Butanone	100	110	ug/Kg	110	22	*	69	131	20
	Carbon Tetrachloride	20	22.3	ug/Kg	112	2		76	129	20
	cis-1,2-Dichloroethene	20	21.2	ug/Kg	106	4		82	123	20
	Bromochloromethane	20	21.5	ug/Kg	108	4		80	127	20
	Chloroform	20	22.5	ug/Kg	113	5		82	125	20
	1,1,1-Trichloroethane	20	22.4	ug/Kg	112	4		80	126	20
	Methylcyclohexane	20	19.4	ug/Kg	97	0		77	123	20
	Benzene	20	21.8	ug/Kg	109	5		84	121	20
	1,2-Dichloroethane	20	22.0	ug/Kg	110	7		81	126	20
	Trichloroethene	20	21.9	ug/Kg	110	8		83	122	20
	1,2-Dichloropropane	20	22.2	ug/Kg	111	6		83	122	20
	Bromodichloromethane	20	23.0	ug/Kg	115	4		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	18		70	135	20
	Toluene	20	22.5	ug/Kg	113	8		83	122	20
	t-1,3-Dichloropropene	20	22.6	ug/Kg	113	11		78	124	20
	cis-1,3-Dichloropropene	20	22.1	ug/Kg	111	7		81	122	20
	1,1,2-Trichloroethane	20	22.6	ug/Kg	113	8		82	125	20
	2-Hexanone	100	110	ug/Kg	110	17		66	138	20
	Dibromochloromethane	20	23.9	ug/Kg	119	9		79	125	20
	1,2-Dibromoethane	20	22.8	ug/Kg	114	11		80	125	20
	Tetrachloroethene	20	21.7	ug/Kg	109	8		83	125	20
	Chlorobenzene	20	21.3	ug/Kg	106	5		84	122	20
	Ethyl Benzene	20	20.6	ug/Kg	103	0		82	124	20
	m/p-Xylenes	40	42.2	ug/Kg	106	3		83	124	20
	o-Xylene	20	20.7	ug/Kg	104	5		83	123	20
	Styrene	20	21.8	ug/Kg	109	3		82	124	20
	Bromoform	20	23.5	ug/Kg	117	8		75	127	20
	Isopropylbenzene	20	19.8	ug/Kg	99	0		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109	14		77	127	20
	1,3-Dichlorobenzene	20	21.5	ug/Kg	108	6		83	122	20
	1,4-Dichlorobenzene	20	21.0	ug/Kg	105	3		84	121	20
	1,2-Dichlorobenzene	20	21.3	ug/Kg	106	6		83	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>AECOM</u>	Datafile :	<u>VW032381.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1020SBSD01	1,2-Dibromo-3-Chloropropane	20	23.0	ug/Kg	115	22	*	66	134	20
	1,2,4-Trichlorobenzene	20	20.3	ug/Kg	102	6		78	127	20
	1,2,3-Trichlorobenzene	20	20.9	ug/Kg	104	9		70	137	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3376	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VX048255.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VX1021WBS01	Dichlorodifluoromethane	20	16.8	ug/L	84			69	116	
	Chloromethane	20	17.8	ug/L	89			65	116	
	Vinyl chloride	20	17.6	ug/L	88			65	117	
	Bromomethane	20	19.3	ug/L	97			58	125	
	Chloroethane	20	18.9	ug/L	95			56	128	
	Trichlorofluoromethane	20	17.7	ug/L	89			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.6	ug/L	88			80	112	
	1,1-Dichloroethene	20	18.0	ug/L	90			74	110	
	Acetone	100	82.3	ug/L	82			60	125	
	Carbon disulfide	20	16.6	ug/L	83			64	112	
	Methyl tert-butyl Ether	20	17.6	ug/L	88			78	114	
	Methyl Acetate	20	17.5	ug/L	88			67	125	
	Methylene Chloride	20	19.1	ug/L	96			72	114	
	trans-1,2-Dichloroethene	20	17.9	ug/L	90			75	108	
	1,1-Dichloroethane	20	18.4	ug/L	92			78	112	
	Cyclohexane	20	19.2	ug/L	96			75	110	
	2-Butanone	100	85.2	ug/L	85			65	122	
	Carbon Tetrachloride	20	17.0	ug/L	85			77	113	
	cis-1,2-Dichloroethene	20	18.9	ug/L	95			77	110	
	Bromochloromethane	20	21.6	ug/L	108			70	124	
	Chloroform	20	18.8	ug/L	94			79	113	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			80	108	
	Methylcyclohexane	20	17.0	ug/L	85			72	115	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	19.1	ug/L	96			80	115	
	Trichloroethene	20	18.1	ug/L	91			77	113	
	1,2-Dichloropropane	20	19.3	ug/L	97			83	111	
	Bromodichloromethane	20	18.6	ug/L	93			83	110	
	4-Methyl-2-Pentanone	100	86.9	ug/L	87			74	118	
	Toluene	20	18.8	ug/L	94			82	110	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			79	110	
	cis-1,3-Dichloropropene	20	18.8	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			83	112	
	2-Hexanone	100	85.9	ug/L	86			73	117	
	Dibromochloromethane	20	18.1	ug/L	91			82	110	
	1,2-Dibromoethane	20	18.6	ug/L	93			81	110	
	Tetrachloroethene	20	16.9	ug/L	85			67	123	
	Chlorobenzene	20	18.0	ug/L	90			82	109	
	Ethyl Benzene	20	17.8	ug/L	89			83	109	
	m/p-Xylenes	40	36.8	ug/L	92			82	110	
	o-Xylene	20	18.1	ug/L	91			83	109	
	Styrene	20	18.8	ug/L	94			80	111	
	Bromoform	20	17.0	ug/L	85			79	109	
	Isopropylbenzene	20	17.1	ug/L	86			83	112	
	1,1,2,2-Tetrachloroethane	20	17.3	ug/L	86			76	118	
	1,3-Dichlorobenzene	20	17.2	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	16.6	ug/L	83			82	107	
	1,2-Dichlorobenzene	20	17.2	ug/L	86			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VX048255.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1021WBS01	1,2-Dibromo-3-Chloropropane	20	14.2	ug/L	71			68	112	
	1,2,4-Trichlorobenzene	20	15.2	ug/L	76			75	113	
	1,2,3-Trichlorobenzene	20	15.5	ug/L	78			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3376	SW-846		Analytical Method:		SW8260-Low
Client:		AECOM	Datafile :		VX048256.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1021WBSD01	Dichlorodifluoromethane	20	18.0	ug/L	90	7		69	116	19
	Chloromethane	20	17.3	ug/L	86	3		65	116	21
	Vinyl chloride	20	16.9	ug/L	85	3		65	117	19
	Bromomethane	20	19.0	ug/L	95	2		58	125	20
	Chloroethane	20	19.0	ug/L	95	0		56	128	20
	Trichlorofluoromethane	20	17.9	ug/L	90	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89	1		80	112	15
	1,1-Dichloroethene	20	17.9	ug/L	90	0		74	110	20
	Acetone	100	81.6	ug/L	82	0		60	125	20
	Carbon disulfide	20	16.9	ug/L	85	2		64	112	20
	Methyl tert-butyl Ether	20	18.0	ug/L	90	2		78	114	20
	Methyl Acetate	20	16.9	ug/L	85	3		67	125	20
	Methylene Chloride	20	18.5	ug/L	93	3		72	114	20
	trans-1,2-Dichloroethene	20	18.8	ug/L	94	4		75	108	16
	1,1-Dichloroethane	20	18.8	ug/L	94	2		78	112	20
	Cyclohexane	20	18.4	ug/L	92	4		75	110	20
	2-Butanone	100	85.7	ug/L	86	1		65	122	26
	Carbon Tetrachloride	20	17.2	ug/L	86	1		77	113	15
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	1		77	110	20
	Bromochloromethane	20	21.3	ug/L	106	2		70	124	20
	Chloroform	20	19.0	ug/L	95	1		79	113	20
	1,1,1-Trichloroethane	20	18.3	ug/L	92	1		80	108	20
	Methylcyclohexane	20	18.2	ug/L	91	7		72	115	20
	Benzene	20	18.8	ug/L	94	1		82	109	15
	1,2-Dichloroethane	20	18.5	ug/L	93	3		80	115	20
	Trichloroethene	20	18.3	ug/L	92	1		77	113	15
	1,2-Dichloropropane	20	19.8	ug/L	99	2		83	111	16
	Bromodichloromethane	20	18.8	ug/L	94	1		83	110	16
	4-Methyl-2-Pentanone	100	89.0	ug/L	89	2		74	118	25
	Toluene	20	18.9	ug/L	95	1		82	110	16
	t-1,3-Dichloropropene	20	18.5	ug/L	93	1		79	110	20
	cis-1,3-Dichloropropene	20	18.5	ug/L	93	1		82	110	16
	1,1,2-Trichloroethane	20	19.3	ug/L	97	1		83	112	20
	2-Hexanone	100	87.8	ug/L	88	2		73	117	25
	Dibromochloromethane	20	18.3	ug/L	92	1		82	110	20
	1,2-Dibromoethane	20	18.6	ug/L	93	0		81	110	20
	Tetrachloroethene	20	17.5	ug/L	88	3		67	123	15
	Chlorobenzene	20	18.9	ug/L	95	5		82	109	15
	Ethyl Benzene	20	18.3	ug/L	92	3		83	109	16
	m/p-Xylenes	40	37.5	ug/L	94	2		82	110	15
	o-Xylene	20	18.5	ug/L	93	2		83	109	20
	Styrene	20	19.2	ug/L	96	2		80	111	17
	Bromoform	20	17.7	ug/L	89	5		79	109	20
	Isopropylbenzene	20	18.5	ug/L	93	8		83	112	29
	1,1,2,2-Tetrachloroethane	20	18.4	ug/L	92	7		76	118	20
	1,3-Dichlorobenzene	20	18.2	ug/L	91	6		82	108	20
	1,4-Dichlorobenzene	20	18.2	ug/L	91	9		82	107	15
	1,2-Dichlorobenzene	20	18.6	ug/L	93	8		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3376</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>AECOM</u>	Datafile :	<u>VX048256.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1021WBSD01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	18		68	112	20
	1,2,4-Trichlorobenzene	20	16.8	ug/L	84	10		75	113	29
	1,2,3-Trichlorobenzene	20	17.3	ug/L	86	10		76	114	29

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	Q3376	SW-846	Analytical Method:	SW8260D
Client:	AECOM		Datafile :	VY023523.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1021SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			64	136	
	Chloromethane	20	19.5	ug/Kg	98			52	151	
	Vinyl chloride	20	20.2	ug/Kg	101			56	148	
	Bromomethane	20	21.5	ug/Kg	108			58	141	
	Chloroethane	20	21.2	ug/Kg	106			69	130	
	Trichlorofluoromethane	20	20.4	ug/Kg	102			69	134	
	1,1,2-Trichlorotrifluoroethane	20	21.1	ug/Kg	106			81	123	
	1,1-Dichloroethene	20	20.2	ug/Kg	101			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	20.2	ug/Kg	101			59	130	
	Methyl tert-butyl Ether	20	18.0	ug/Kg	90			77	129	
	Methyl Acetate	20	15.9	ug/Kg	79			69	149	
	Methylene Chloride	20	19.0	ug/Kg	95			72	131	
	trans-1,2-Dichloroethene	20	21.0	ug/Kg	105			80	123	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			82	123	
	Cyclohexane	20	18.8	ug/Kg	94			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	21.7	ug/Kg	109			76	129	
	cis-1,2-Dichloroethene	20	20.7	ug/Kg	104			82	123	
	Bromochloromethane	20	19.7	ug/Kg	99			80	127	
	Chloroform	20	21.5	ug/Kg	108			82	125	
	1,1,1-Trichloroethane	20	21.1	ug/Kg	106			80	126	
	Methylcyclohexane	20	19.8	ug/Kg	99			77	123	
	Benzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichloroethane	20	20.0	ug/Kg	100			81	126	
	Trichloroethene	20	21.9	ug/Kg	110			83	122	
	1,2-Dichloropropane	20	21.5	ug/Kg	108			83	122	
	Bromodichloromethane	20	21.3	ug/Kg	106			82	123	
	4-Methyl-2-Pentanone	100	86.7	ug/Kg	87			70	135	
	Toluene	20	21.9	ug/Kg	110			83	122	
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100			78	124	
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105			82	125	
	2-Hexanone	100	95.9	ug/Kg	96			66	138	
	Dibromochloromethane	20	20.8	ug/Kg	104			79	125	
	1,2-Dibromoethane	20	20.1	ug/Kg	101			80	125	
	Tetrachloroethene	20	22.0	ug/Kg	110			83	125	
	Chlorobenzene	20	21.2	ug/Kg	106			84	122	
	Ethyl Benzene	20	21.0	ug/Kg	105			82	124	
	m/p-Xylenes	40	43.1	ug/Kg	108			83	124	
	o-Xylene	20	20.6	ug/Kg	103			83	123	
	Styrene	20	21.0	ug/Kg	105			82	124	
	Bromoform	20	19.5	ug/Kg	98			75	127	
	Isopropylbenzene	20	20.3	ug/Kg	102			82	124	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/Kg	91			77	127	
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104			83	122	
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103			84	121	
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.: Q3376 SW-846 Analytical Method: SW8260D
Client: AECOM Datafile : VY023523.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VY1021SBS01	1,2-Dibromo-3-Chloropropane	20	17.0	ug/Kg	85			66	134	
	1,2,4-Trichlorobenzene	20	18.0	ug/Kg	90			78	127	
	1,2,3-Trichlorobenzene	20	18.1	ug/Kg	91			70	137	

VOLATILE METHOD BLANK SUMMARY

Client ID

VW1020SBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VW032379.D

Lab Sample ID: VW1020SBL01

Date Analyzed: 10/20/2025

Time Analyzed: 11:11

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1020SBS01	VW1020SBS01	VW032380.D	10/20/2025
VW1020SBSD01	VW1020SBSD01	VW032381.D	10/20/2025
PR132-S05-057082-20251016	Q3376-01	VW032388.D	10/20/2025
PR132-COMP2-20251016	Q3376-03	VW032390.D	10/20/2025
PR132-S12-047072-20251016	Q3376-04	VW032391.D	10/20/2025
PR132-S12-020047-20251016	Q3376-05	VW032392.D	10/20/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1021WBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VX048254.D

Lab Sample ID: VX1021WBL01

Date Analyzed: 10/21/2025

Time Analyzed: 09:40

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1021WBS01	VX1021WBS01	VX048255.D	10/21/2025
VX1021WBSD01	VX1021WBSD01	VX048256.D	10/21/2025
PR132-FB01-20251016	Q3376-07	VX048277.D	10/21/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VY1021SBL01

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VY023522.D

Lab Sample ID: VY1021SBL01

Date Analyzed: 10/21/2025

Time Analyzed: 09:34

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1021SBS01	VY1021SBS01	VY023523.D	10/21/2025
PR132-DP01-20251016	Q3376-02	VY023528.D	10/21/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VW032312.D

BFB Injection Date: 10/01/2025

Instrument ID: MSVOA_W

BFB Injection Time: 08:12

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.2
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.3 (95.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VW032313.D	10/01/2025	13:12
VSTDIC010	VSTDIC010	VW032314.D	10/01/2025	13:34
VSTDIC020	VSTDIC020	VW032315.D	10/01/2025	14:15
VSTDIC050	VSTDIC050	VW032316.D	10/01/2025	14:37
VSTDIC100	VSTDIC100	VW032317.D	10/01/2025	14:59
VSTDIC150	VSTDIC150	VW032318.D	10/01/2025	15:20

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VW032377.D

BFB Injection Date: 10/20/2025

Instrument ID: MSVOA_W

BFB Injection Time: 09:36

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.6
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.3 (0.5) 1
174	50.0 - 100.0% of mass 95	66.2
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	63.7 (96.2) 1
177	5.0 - 9.0% of mass 176	4.5 (7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032378.D	10/20/2025	10:20
VW1020SBL01	VW1020SBL01	VW032379.D	10/20/2025	11:11
VW1020SBS01	VW1020SBS01	VW032380.D	10/20/2025	11:41
VW1020SBSD01	VW1020SBSD01	VW032381.D	10/20/2025	12:03
PR132-S05-057082-20251016	Q3376-01	VW032388.D	10/20/2025	14:56
PR132-COMP2-20251016	Q3376-03	VW032390.D	10/20/2025	15:40
PR132-S12-047072-20251016	Q3376-04	VW032391.D	10/20/2025	16:02
PR132-S12-020047-20251016	Q3376-05	VW032392.D	10/20/2025	16:24

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VX048226.D

BFB Injection Date: 10/20/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:15

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	73.8 (96.4) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX048229.D	10/20/2025	10:59
VSTDIC020	VSTDIC020	VX048231.D	10/20/2025	11:40
VSTDIC050	VSTDIC050	VX048232.D	10/20/2025	12:01
VSTDIC100	VSTDIC100	VX048233.D	10/20/2025	12:22
VSTDIC150	VSTDIC150	VX048234.D	10/20/2025	12:43
VSTDIC005	VSTDIC005	VX048236.D	10/20/2025	13:49

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VX048251.D

BFB Injection Date: 10/21/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:12

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18
75	30.0 - 60.0% of mass 95	50.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	75.8
175	5.0 - 9.0% of mass 174	5.5 (7.2) 1
176	95.0 - 101.0% of mass 174	72.8 (96.1) 1
177	5.0 - 9.0% of mass 176	5 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048252.D	10/21/2025	08:43
VX1021WBL01	VX1021WBL01	VX048254.D	10/21/2025	09:40
VX1021WBS01	VX1021WBS01	VX048255.D	10/21/2025	10:06
VX1021WBSD01	VX1021WBSD01	VX048256.D	10/21/2025	10:33
PR132-FB01-20251016	Q3376-07	VX048277.D	10/21/2025	17:48

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VY023383.D

BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 08:43

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY023384.D	10/07/2025	09:17
VSTDIC010	VSTDIC010	VY023385.D	10/07/2025	10:02
VSTDIC020	VSTDIC020	VY023386.D	10/07/2025	11:24
VSTDIC050	VSTDIC050	VY023387.D	10/07/2025	11:47
VSTDIC100	VSTDIC100	VY023388.D	10/07/2025	12:09
VSTDIC150	VSTDIC150	VY023389.D	10/07/2025	12:32

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3376

Lab File ID: VY023520.D

BFB Injection Date: 10/21/2025

Instrument ID: MSVOA_Y

BFB Injection Time: 08:29

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.3 (1.4) 1
174	50.0 - 100.0% of mass 95	94.7
175	5.0 - 9.0% of mass 174	6.8 (7.1) 1
176	95.0 - 101.0% of mass 174	92.5 (97.7) 1
177	5.0 - 9.0% of mass 176	6.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023521.D	10/21/2025	09:05
VY1021SBL01	VY1021SBL01	VY023522.D	10/21/2025	09:34
VY1021SBS01	VY1021SBS01	VY023523.D	10/21/2025	10:04
PR132-DP01-20251016	Q3376-02	VY023528.D	10/21/2025	12:14

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02
Lab Code: ACE SDG NO.: Q3376
Lab File ID: VW032378.D Date Analyzed: 10/20/2025
Instrument ID: MSVOA_W Time Analyzed: 10:20
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	276051	7.97	500417	8.86	466876	11.63
UPPER LIMIT	552102	8.465	1000830	9.355	933752	12.129
LOWER LIMIT	138026	7.465	250209	8.355	233438	11.129
EPA SAMPLE NO.						
PR132-S05-057082-20251016	204641	7.97	455902	8.86	429083	11.63
PR132-COMP2-20251016	223521	7.96	492025	8.85	496249	11.64
PR132-S12-047072-20251016	228874	7.96	504890	8.86	502710	11.63
PR132-S12-020047-20251016	220545	7.97	499682	8.86	486561	11.63
VW1020SBL01	172114	7.96	392797	8.85	400571	11.63
VW1020SBS01	280998	7.96	517149	8.85	480746	11.63
VW1020SBSD01	280654	7.96	507546	8.86	481210	11.63

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3376</u>
Lab File ID:	<u>VW032378.D</u>	Date Analyzed:	<u>10/20/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>10:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	234766	13.556				
UPPER LIMIT	469532	14.056				
LOWER LIMIT	117383	13.056				
EPA SAMPLE NO.						
PR132-S05-057082-20251016	193724	13.56				
PR132-COMP2-20251016	236278	13.56				
PR132-S12-047072-20251016	262504	13.56				
PR132-S12-020047-20251016	228417	13.56				
VW1020SBL01	188560	13.56				
VW1020SBS01	240746	13.56				
VW1020SBSD01	239754	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: AECO02
 Lab Code: ACE SDG NO.: Q3376
 Lab File ID: VX048252.D Date Analyzed: 10/21/2025
 Instrument ID: MSVOA_X Time Analyzed: 08:43
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	144122	5.53	227103	6.74	197016	10.04
UPPER LIMIT	288244	6.031	454206	7.238	394032	10.537
LOWER LIMIT	72061	5.031	113552	6.238	98508	9.537
EPA SAMPLE NO.						
PR132-FB01-20251016	95980	5.54	184822	6.75	196926	10.04
VX1021WBL01	121915	5.53	240535	6.75	247603	10.04
VX1021WBS01	141199	5.54	230109	6.74	212342	10.04
VX1021WBSD01	137604	5.53	224103	6.74	203364	10.04

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

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3376</u>
Lab File ID:	<u>VX048252.D</u>	Date Analyzed:	<u>10/21/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>08:43</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	96991	12.00€				
UPPER LIMIT	193982	12.50€				
LOWER LIMIT	48495.5	11.50€				
EPA SAMPLE NO.						
PR132-FB01-20251016	105671	12.01				
VX1021WBL01	126551	12.01				
VX1021WBS01	110789	12.01				
VX1021WBSD01	101316	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3376</u>
Lab File ID:	<u>VY023521.D</u>	Date Analyzed:	<u>10/21/2025</u>
Instrument ID:	<u>MSVOA_Y</u>	Time Analyzed:	<u>09:05</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	499961	7.71	698196	8.62	642915	11.42
UPPER LIMIT	999922	8.213	1396390	9.116	1285830	11.92
LOWER LIMIT	249981	7.213	349098	8.116	321458	10.92
EPA SAMPLE NO.						
PR132-DP01-20251016	663057	7.71	1122781	8.62	941880	11.41
VY1021SBL01	767531	7.71	1271980	8.62	1000258	11.42
VY1021SBS01	494016	7.71	712868	8.62	635785	11.41

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3376</u>
Lab File ID:	<u>VY023521.D</u>	Date Analyzed:	<u>10/21/2025</u>
Instrument ID:	<u>MSVOA_Y</u>	Time Analyzed:	<u>09:05</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	341616	13.347				
UPPER LIMIT	683232	13.847				
LOWER LIMIT	170808	12.847				
EPA SAMPLE NO.						
PR132-DP01-20251016	360030	13.35				
VY1021SBL01	378610	13.35				
VY1021SBS01	341398	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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



QC SAMPLE DATA

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VW1020SBL01
Lab Sample ID: VW1020SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	U	1	1.10	5.00	ug/Kg	10/20/25 11:11	VW102025
74-87-3	Chloromethane	5.00	U	1	1.10	5.00	ug/Kg	10/20/25 11:11	VW102025
75-01-4	Vinyl Chloride	5.00	U	1	0.79	5.00	ug/Kg	10/20/25 11:11	VW102025
74-83-9	Bromomethane	5.00	U	1	1.10	5.00	ug/Kg	10/20/25 11:11	VW102025
75-00-3	Chloroethane	5.00	U	1	1.30	5.00	ug/Kg	10/20/25 11:11	VW102025
75-69-4	Trichlorofluoromethane	5.00	U	1	1.20	5.00	ug/Kg	10/20/25 11:11	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	1	1.10	5.00	ug/Kg	10/20/25 11:11	VW102025
75-35-4	1,1-Dichloroethene	5.00	U	1	1.00	5.00	ug/Kg	10/20/25 11:11	VW102025
67-64-1	Acetone	25.0	U	1	4.70	25.0	ug/Kg	10/20/25 11:11	VW102025
75-15-0	Carbon Disulfide	5.00	U	1	1.10	5.00	ug/Kg	10/20/25 11:11	VW102025
1634-04-4	Methyl tert-butyl Ether	5.00	U	1	0.73	5.00	ug/Kg	10/20/25 11:11	VW102025
79-20-9	Methyl Acetate	5.00	U	1	1.50	5.00	ug/Kg	10/20/25 11:11	VW102025
75-09-2	Methylene Chloride	10.0	U	1	3.50	10.0	ug/Kg	10/20/25 11:11	VW102025
156-60-5	trans-1,2-Dichloroethene	5.00	U	1	0.86	5.00	ug/Kg	10/20/25 11:11	VW102025
75-34-3	1,1-Dichloroethane	5.00	U	1	0.80	5.00	ug/Kg	10/20/25 11:11	VW102025
110-82-7	Cyclohexane	5.00	U	1	0.79	5.00	ug/Kg	10/20/25 11:11	VW102025
78-93-3	2-Butanone	25.0	U	1	6.50	25.0	ug/Kg	10/20/25 11:11	VW102025
56-23-5	Carbon Tetrachloride	5.00	U	1	0.97	5.00	ug/Kg	10/20/25 11:11	VW102025
156-59-2	cis-1,2-Dichloroethene	5.00	U	1	0.75	5.00	ug/Kg	10/20/25 11:11	VW102025
74-97-5	Bromochloromethane	5.00	U	1	1.20	5.00	ug/Kg	10/20/25 11:11	VW102025
67-66-3	Chloroform	5.00	U	1	0.84	5.00	ug/Kg	10/20/25 11:11	VW102025
71-55-6	1,1,1-Trichloroethane	5.00	U	1	0.93	5.00	ug/Kg	10/20/25 11:11	VW102025
108-87-2	Methylcyclohexane	5.00	U	1	0.91	5.00	ug/Kg	10/20/25 11:11	VW102025
71-43-2	Benzene	5.00	U	1	0.79	5.00	ug/Kg	10/20/25 11:11	VW102025
107-06-2	1,2-Dichloroethane	5.00	U	1	0.79	5.00	ug/Kg	10/20/25 11:11	VW102025
79-01-6	Trichloroethene	5.00	U	1	0.81	5.00	ug/Kg	10/20/25 11:11	VW102025
78-87-5	1,2-Dichloropropane	5.00	U	1	0.91	5.00	ug/Kg	10/20/25 11:11	VW102025
75-27-4	Bromodichloromethane	5.00	U	1	0.78	5.00	ug/Kg	10/20/25 11:11	VW102025
108-10-1	4-Methyl-2-Pentanone	25.0	U	1	3.60	25.0	ug/Kg	10/20/25 11:11	VW102025
108-88-3	Toluene	5.00	U	1	0.78	5.00	ug/Kg	10/20/25 11:11	VW102025
10061-02-6	t-1,3-Dichloropropene	5.00	U	1	0.65	5.00	ug/Kg	10/20/25 11:11	VW102025
10061-01-5	cis-1,3-Dichloropropene	5.00	U	1	0.62	5.00	ug/Kg	10/20/25 11:11	VW102025
79-00-5	1,1,2-Trichloroethane	5.00	U	1	0.92	5.00	ug/Kg	10/20/25 11:11	VW102025
591-78-6	2-Hexanone	25.0	U	1	3.70	25.0	ug/Kg	10/20/25 11:11	VW102025
124-48-1	Dibromochloromethane	5.00	U	1	0.87	5.00	ug/Kg	10/20/25 11:11	VW102025
106-93-4	1,2-Dibromoethane	5.00	U	1	0.88	5.00	ug/Kg	10/20/25 11:11	VW102025
127-18-4	Tetrachloroethene	5.00	U	1	1.10	5.00	ug/Kg	10/20/25 11:11	VW102025
108-90-7	Chlorobenzene	5.00	U	1	0.91	5.00	ug/Kg	10/20/25 11:11	VW102025
100-41-4	Ethyl Benzene	5.00	U	1	0.67	5.00	ug/Kg	10/20/25 11:11	VW102025
179601-23-1	m/p-Xylenes	10.0	U	1	1.20	10.0	ug/Kg	10/20/25 11:11	VW102025
95-47-6	o-Xylene	5.00	U	1	0.82	5.00	ug/Kg	10/20/25 11:11	VW102025
100-42-5	Styrene	5.00	U	1	0.71	5.00	ug/Kg	10/20/25 11:11	VW102025
75-25-2	Bromoform	5.00	U	1	0.86	5.00	ug/Kg	10/20/25 11:11	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VW1020SBL01
Lab Sample ID: VW1020SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	U	1	0.78	5.00	ug/Kg	10/20/25 11:11	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	1	1.20	5.00	ug/Kg	10/20/25 11:11	VW102025
541-73-1	1,3-Dichlorobenzene	5.00	U	1	1.70	5.00	ug/Kg	10/20/25 11:11	VW102025
106-46-7	1,4-Dichlorobenzene	5.00	U	1	1.60	5.00	ug/Kg	10/20/25 11:11	VW102025
95-50-1	1,2-Dichlorobenzene	5.00	U	1	1.50	5.00	ug/Kg	10/20/25 11:11	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	1	1.80	5.00	ug/Kg	10/20/25 11:11	VW102025
120-82-1	1,2,4-Trichlorobenzene	5.00	U	1	3.00	5.00	ug/Kg	10/20/25 11:11	VW102025
87-61-6	1,2,3-Trichlorobenzene	5.00	U	1	3.20	5.00	ug/Kg	10/20/25 11:11	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	65.7			63 - 155	131%	SPK: 50		
1868-53-7	Dibromofluoromethane	58.2			70 - 134	116%	SPK: 50		
2037-26-5	Toluene-d8	54.5			74 - 123	109%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.8			17 - 146	104%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	172000							
540-36-3	1,4-Difluorobenzene	393000							
3114-55-4	Chlorobenzene-d5	401000							
3855-82-1	1,4-Dichlorobenzene-d4	189000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VX1021WBL01
Lab Sample ID: VX1021WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/21/25 09:40	VX102125
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/21/25 09:40	VX102125
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/21/25 09:40	VX102125
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/21/25 09:40	VX102125
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/21/25 09:40	VX102125
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/21/25 09:40	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/21/25 09:40	VX102125
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/21/25 09:40	VX102125
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/21/25 09:40	VX102125
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/21/25 09:40	VX102125
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/21/25 09:40	VX102125
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/21/25 09:40	VX102125
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/21/25 09:40	VX102125
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/21/25 09:40	VX102125
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/21/25 09:40	VX102125
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/21/25 09:40	VX102125
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	10/21/25 09:40	VX102125
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/21/25 09:40	VX102125
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/21/25 09:40	VX102125
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/21/25 09:40	VX102125
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/21/25 09:40	VX102125
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/21/25 09:40	VX102125
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/21/25 09:40	VX102125
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/21/25 09:40	VX102125
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/21/25 09:40	VX102125
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	10/21/25 09:40	VX102125
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/21/25 09:40	VX102125
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/21/25 09:40	VX102125
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/21/25 09:40	VX102125
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/21/25 09:40	VX102125
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/21/25 09:40	VX102125
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/21/25 09:40	VX102125
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/21/25 09:40	VX102125
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/21/25 09:40	VX102125
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/21/25 09:40	VX102125
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/21/25 09:40	VX102125
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	10/21/25 09:40	VX102125
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/21/25 09:40	VX102125
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/21/25 09:40	VX102125
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/21/25 09:40	VX102125
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/21/25 09:40	VX102125
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/21/25 09:40	VX102125
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/21/25 09:40	VX102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VX1021WBL01
Lab Sample ID: VX1021WBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/21/25 09:40	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/21/25 09:40	VX102125
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/21/25 09:40	VX102125
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/21/25 09:40	VX102125
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/21/25 09:40	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/21/25 09:40	VX102125
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/21/25 09:40	VX102125
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/21/25 09:40	VX102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.1			75 - 124	94%	SPK: 50		
2037-26-5	Toluene-d8	46.4			86 - 113	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.7			77 - 121	105%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	122000							
540-36-3	1,4-Difluorobenzene	241000							
3114-55-4	Chlorobenzene-d5	248000							
3855-82-1	1,4-Dichlorobenzene-d4	127000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VY1021SBL01
Lab Sample ID: VY1021SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	U	1	1.10	5.00	ug/Kg	10/21/25 09:34	VY102125
74-87-3	Chloromethane	5.00	U	1	1.10	5.00	ug/Kg	10/21/25 09:34	VY102125
75-01-4	Vinyl Chloride	5.00	U	1	0.79	5.00	ug/Kg	10/21/25 09:34	VY102125
74-83-9	Bromomethane	5.00	U	1	1.10	5.00	ug/Kg	10/21/25 09:34	VY102125
75-00-3	Chloroethane	5.00	U	1	1.30	5.00	ug/Kg	10/21/25 09:34	VY102125
75-69-4	Trichlorofluoromethane	5.00	U	1	1.20	5.00	ug/Kg	10/21/25 09:34	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	U	1	1.10	5.00	ug/Kg	10/21/25 09:34	VY102125
75-35-4	1,1-Dichloroethene	5.00	U	1	1.00	5.00	ug/Kg	10/21/25 09:34	VY102125
67-64-1	Acetone	25.0	U	1	4.70	25.0	ug/Kg	10/21/25 09:34	VY102125
75-15-0	Carbon Disulfide	5.00	U	1	1.10	5.00	ug/Kg	10/21/25 09:34	VY102125
1634-04-4	Methyl tert-butyl Ether	5.00	U	1	0.73	5.00	ug/Kg	10/21/25 09:34	VY102125
79-20-9	Methyl Acetate	5.00	U	1	1.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-09-2	Methylene Chloride	10.0	U	1	3.50	10.0	ug/Kg	10/21/25 09:34	VY102125
156-60-5	trans-1,2-Dichloroethene	5.00	U	1	0.86	5.00	ug/Kg	10/21/25 09:34	VY102125
75-34-3	1,1-Dichloroethane	5.00	U	1	0.80	5.00	ug/Kg	10/21/25 09:34	VY102125
110-82-7	Cyclohexane	5.00	U	1	0.79	5.00	ug/Kg	10/21/25 09:34	VY102125
78-93-3	2-Butanone	25.0	U	1	6.50	25.0	ug/Kg	10/21/25 09:34	VY102125
56-23-5	Carbon Tetrachloride	5.00	U	1	0.97	5.00	ug/Kg	10/21/25 09:34	VY102125
156-59-2	cis-1,2-Dichloroethene	5.00	U	1	0.75	5.00	ug/Kg	10/21/25 09:34	VY102125
74-97-5	Bromochloromethane	5.00	U	1	1.20	5.00	ug/Kg	10/21/25 09:34	VY102125
67-66-3	Chloroform	5.00	U	1	0.84	5.00	ug/Kg	10/21/25 09:34	VY102125
71-55-6	1,1,1-Trichloroethane	5.00	U	1	0.93	5.00	ug/Kg	10/21/25 09:34	VY102125
108-87-2	Methylcyclohexane	5.00	U	1	0.91	5.00	ug/Kg	10/21/25 09:34	VY102125
71-43-2	Benzene	5.00	U	1	0.79	5.00	ug/Kg	10/21/25 09:34	VY102125
107-06-2	1,2-Dichloroethane	5.00	U	1	0.79	5.00	ug/Kg	10/21/25 09:34	VY102125
79-01-6	Trichloroethene	5.00	U	1	0.81	5.00	ug/Kg	10/21/25 09:34	VY102125
78-87-5	1,2-Dichloropropane	5.00	U	1	0.91	5.00	ug/Kg	10/21/25 09:34	VY102125
75-27-4	Bromodichloromethane	5.00	U	1	0.78	5.00	ug/Kg	10/21/25 09:34	VY102125
108-10-1	4-Methyl-2-Pentanone	25.0	U	1	3.60	25.0	ug/Kg	10/21/25 09:34	VY102125
108-88-3	Toluene	5.00	U	1	0.78	5.00	ug/Kg	10/21/25 09:34	VY102125
10061-02-6	t-1,3-Dichloropropene	5.00	U	1	0.65	5.00	ug/Kg	10/21/25 09:34	VY102125
10061-01-5	cis-1,3-Dichloropropene	5.00	U	1	0.62	5.00	ug/Kg	10/21/25 09:34	VY102125
79-00-5	1,1,2-Trichloroethane	5.00	U	1	0.92	5.00	ug/Kg	10/21/25 09:34	VY102125
591-78-6	2-Hexanone	25.0	U	1	3.70	25.0	ug/Kg	10/21/25 09:34	VY102125
124-48-1	Dibromochloromethane	5.00	U	1	0.87	5.00	ug/Kg	10/21/25 09:34	VY102125
106-93-4	1,2-Dibromoethane	5.00	U	1	0.88	5.00	ug/Kg	10/21/25 09:34	VY102125
127-18-4	Tetrachloroethene	5.00	U	1	1.10	5.00	ug/Kg	10/21/25 09:34	VY102125
108-90-7	Chlorobenzene	5.00	U	1	0.91	5.00	ug/Kg	10/21/25 09:34	VY102125
100-41-4	Ethyl Benzene	5.00	U	1	0.67	5.00	ug/Kg	10/21/25 09:34	VY102125
179601-23-1	m/p-Xylenes	10.0	U	1	1.20	10.0	ug/Kg	10/21/25 09:34	VY102125
95-47-6	o-Xylene	5.00	U	1	0.82	5.00	ug/Kg	10/21/25 09:34	VY102125
100-42-5	Styrene	5.00	U	1	0.71	5.00	ug/Kg	10/21/25 09:34	VY102125
75-25-2	Bromoform	5.00	U	1	0.86	5.00	ug/Kg	10/21/25 09:34	VY102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VY1021SBL01
Lab Sample ID: VY1021SBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	U	1	0.78	5.00	ug/Kg	10/21/25 09:34	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	1	1.20	5.00	ug/Kg	10/21/25 09:34	VY102125
541-73-1	1,3-Dichlorobenzene	5.00	U	1	1.70	5.00	ug/Kg	10/21/25 09:34	VY102125
106-46-7	1,4-Dichlorobenzene	5.00	U	1	1.60	5.00	ug/Kg	10/21/25 09:34	VY102125
95-50-1	1,2-Dichlorobenzene	5.00	U	1	1.50	5.00	ug/Kg	10/21/25 09:34	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	U	1	1.80	5.00	ug/Kg	10/21/25 09:34	VY102125
120-82-1	1,2,4-Trichlorobenzene	5.00	U	1	3.00	5.00	ug/Kg	10/21/25 09:34	VY102125
87-61-6	1,2,3-Trichlorobenzene	5.00	U	1	3.20	5.00	ug/Kg	10/21/25 09:34	VY102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.0			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.7			70 - 134	99%	SPK: 50		
2037-26-5	Toluene-d8	48.1			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	36.4			17 - 146	73%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	768000							
540-36-3	1,4-Difluorobenzene	1270000							
3114-55-4	Chlorobenzene-d5	1000000							
3855-82-1	1,4-Dichlorobenzene-d4	379000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VW1020SBS01
Lab Sample ID: VW1020SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	19.9		1	1.10	5.00	ug/Kg	10/20/25 11:41	VW102025
74-87-3	Chloromethane	20.1		1	1.10	5.00	ug/Kg	10/20/25 11:41	VW102025
75-01-4	Vinyl Chloride	22.1		1	0.79	5.00	ug/Kg	10/20/25 11:41	VW102025
74-83-9	Bromomethane	21.1		1	1.10	5.00	ug/Kg	10/20/25 11:41	VW102025
75-00-3	Chloroethane	21.4		1	1.30	5.00	ug/Kg	10/20/25 11:41	VW102025
75-69-4	Trichlorofluoromethane	19.4		1	1.20	5.00	ug/Kg	10/20/25 11:41	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		1	1.10	5.00	ug/Kg	10/20/25 11:41	VW102025
75-35-4	1,1-Dichloroethene	21.7		1	1.00	5.00	ug/Kg	10/20/25 11:41	VW102025
67-64-1	Acetone	97.1		1	4.70	25.0	ug/Kg	10/20/25 11:41	VW102025
75-15-0	Carbon Disulfide	21.1		1	1.10	5.00	ug/Kg	10/20/25 11:41	VW102025
1634-04-4	Methyl tert-butyl Ether	19.0		1	0.73	5.00	ug/Kg	10/20/25 11:41	VW102025
79-20-9	Methyl Acetate	17.5		1	1.50	5.00	ug/Kg	10/20/25 11:41	VW102025
75-09-2	Methylene Chloride	19.0		1	3.50	10.0	ug/Kg	10/20/25 11:41	VW102025
156-60-5	trans-1,2-Dichloroethene	21.0		1	0.86	5.00	ug/Kg	10/20/25 11:41	VW102025
75-34-3	1,1-Dichloroethane	20.8		1	0.80	5.00	ug/Kg	10/20/25 11:41	VW102025
110-82-7	Cyclohexane	19.2		1	0.79	5.00	ug/Kg	10/20/25 11:41	VW102025
78-93-3	2-Butanone	87.6		1	6.50	25.0	ug/Kg	10/20/25 11:41	VW102025
56-23-5	Carbon Tetrachloride	22.0		1	0.97	5.00	ug/Kg	10/20/25 11:41	VW102025
156-59-2	cis-1,2-Dichloroethene	20.3		1	0.75	5.00	ug/Kg	10/20/25 11:41	VW102025
74-97-5	Bromochloromethane	20.8		1	1.20	5.00	ug/Kg	10/20/25 11:41	VW102025
67-66-3	Chloroform	21.5		1	0.84	5.00	ug/Kg	10/20/25 11:41	VW102025
71-55-6	1,1,1-Trichloroethane	21.5		1	0.93	5.00	ug/Kg	10/20/25 11:41	VW102025
108-87-2	Methylcyclohexane	19.3		1	0.91	5.00	ug/Kg	10/20/25 11:41	VW102025
71-43-2	Benzene	20.9		1	0.79	5.00	ug/Kg	10/20/25 11:41	VW102025
107-06-2	1,2-Dichloroethane	20.6		1	0.79	5.00	ug/Kg	10/20/25 11:41	VW102025
79-01-6	Trichloroethene	20.3		1	0.81	5.00	ug/Kg	10/20/25 11:41	VW102025
78-87-5	1,2-Dichloropropane	21.0		1	0.91	5.00	ug/Kg	10/20/25 11:41	VW102025
75-27-4	Bromodichloromethane	22.0		1	0.78	5.00	ug/Kg	10/20/25 11:41	VW102025
108-10-1	4-Methyl-2-Pentanone	92.3		1	3.60	25.0	ug/Kg	10/20/25 11:41	VW102025
108-88-3	Toluene	20.8		1	0.78	5.00	ug/Kg	10/20/25 11:41	VW102025
10061-02-6	t-1,3-Dichloropropene	20.2		1	0.65	5.00	ug/Kg	10/20/25 11:41	VW102025
10061-01-5	cis-1,3-Dichloropropene	20.7		1	0.62	5.00	ug/Kg	10/20/25 11:41	VW102025
79-00-5	1,1,2-Trichloroethane	20.7		1	0.92	5.00	ug/Kg	10/20/25 11:41	VW102025
591-78-6	2-Hexanone	92.8		1	3.70	25.0	ug/Kg	10/20/25 11:41	VW102025
124-48-1	Dibromochloromethane	21.7		1	0.87	5.00	ug/Kg	10/20/25 11:41	VW102025
106-93-4	1,2-Dibromoethane	20.3		1	0.88	5.00	ug/Kg	10/20/25 11:41	VW102025
127-18-4	Tetrachloroethene	20.1		1	1.10	5.00	ug/Kg	10/20/25 11:41	VW102025
108-90-7	Chlorobenzene	20.2		1	0.91	5.00	ug/Kg	10/20/25 11:41	VW102025
100-41-4	Ethyl Benzene	20.5		1	0.67	5.00	ug/Kg	10/20/25 11:41	VW102025
179601-23-1	m/p-Xylenes	41.2		1	1.20	10.0	ug/Kg	10/20/25 11:41	VW102025
95-47-6	o-Xylene	19.8		1	0.82	5.00	ug/Kg	10/20/25 11:41	VW102025
100-42-5	Styrene	21.1		1	0.71	5.00	ug/Kg	10/20/25 11:41	VW102025
75-25-2	Bromoform	21.5		1	0.86	5.00	ug/Kg	10/20/25 11:41	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VW1020SBS01
Lab Sample ID: VW1020SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.8		1	0.78	5.00	ug/Kg	10/20/25 11:41	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1	1.20	5.00	ug/Kg	10/20/25 11:41	VW102025
541-73-1	1,3-Dichlorobenzene	20.4		1	1.70	5.00	ug/Kg	10/20/25 11:41	VW102025
106-46-7	1,4-Dichlorobenzene	20.3		1	1.60	5.00	ug/Kg	10/20/25 11:41	VW102025
95-50-1	1,2-Dichlorobenzene	20.0		1	1.50	5.00	ug/Kg	10/20/25 11:41	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1	1.80	5.00	ug/Kg	10/20/25 11:41	VW102025
120-82-1	1,2,4-Trichlorobenzene	19.2		1	3.00	5.00	ug/Kg	10/20/25 11:41	VW102025
87-61-6	1,2,3-Trichlorobenzene	19.0		1	3.20	5.00	ug/Kg	10/20/25 11:41	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.1			63 - 155	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.3			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	53.0			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.7			17 - 146	103%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	281000							
540-36-3	1,4-Difluorobenzene	517000							
3114-55-4	Chlorobenzene-d5	481000							
3855-82-1	1,4-Dichlorobenzene-d4	241000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VX1021WBS01
Lab Sample ID: VX1021WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	16.8		1	0.22	1.00	ug/L	10/21/25 10:06	VX102125
74-87-3	Chloromethane	17.8		1	0.32	1.00	ug/L	10/21/25 10:06	VX102125
75-01-4	Vinyl Chloride	17.6		1	0.26	1.00	ug/L	10/21/25 10:06	VX102125
74-83-9	Bromomethane	19.3		1	1.40	5.00	ug/L	10/21/25 10:06	VX102125
75-00-3	Chloroethane	18.9		1	0.47	1.00	ug/L	10/21/25 10:06	VX102125
75-69-4	Trichlorofluoromethane	17.7		1	0.33	1.00	ug/L	10/21/25 10:06	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	17.6		1	0.25	1.00	ug/L	10/21/25 10:06	VX102125
75-35-4	1,1-Dichloroethene	18.0		1	0.23	1.00	ug/L	10/21/25 10:06	VX102125
67-64-1	Acetone	82.3		1	1.50	5.00	ug/L	10/21/25 10:06	VX102125
75-15-0	Carbon Disulfide	16.6		1	0.21	1.00	ug/L	10/21/25 10:06	VX102125
1634-04-4	Methyl tert-butyl Ether	17.6		1	0.16	1.00	ug/L	10/21/25 10:06	VX102125
79-20-9	Methyl Acetate	17.5		1	0.27	1.00	ug/L	10/21/25 10:06	VX102125
75-09-2	Methylene Chloride	19.1		1	0.28	1.00	ug/L	10/21/25 10:06	VX102125
156-60-5	trans-1,2-Dichloroethene	17.9		1	0.23	1.00	ug/L	10/21/25 10:06	VX102125
75-34-3	1,1-Dichloroethane	18.4		1	0.23	1.00	ug/L	10/21/25 10:06	VX102125
110-82-7	Cyclohexane	19.2		1	1.50	5.00	ug/L	10/21/25 10:06	VX102125
78-93-3	2-Butanone	85.2		1	0.98	5.00	ug/L	10/21/25 10:06	VX102125
56-23-5	Carbon Tetrachloride	17.0		1	0.25	1.00	ug/L	10/21/25 10:06	VX102125
156-59-2	cis-1,2-Dichloroethene	18.9		1	0.19	1.00	ug/L	10/21/25 10:06	VX102125
74-97-5	Bromochloromethane	21.6		1	0.22	1.00	ug/L	10/21/25 10:06	VX102125
67-66-3	Chloroform	18.8		1	0.25	1.00	ug/L	10/21/25 10:06	VX102125
71-55-6	1,1,1-Trichloroethane	18.1		1	0.20	1.00	ug/L	10/21/25 10:06	VX102125
108-87-2	Methylcyclohexane	17.0		1	0.16	1.00	ug/L	10/21/25 10:06	VX102125
71-43-2	Benzene	18.5		1	0.15	1.00	ug/L	10/21/25 10:06	VX102125
107-06-2	1,2-Dichloroethane	19.1		1	0.22	1.00	ug/L	10/21/25 10:06	VX102125
79-01-6	Trichloroethene	18.1		1	0.090	1.00	ug/L	10/21/25 10:06	VX102125
78-87-5	1,2-Dichloropropane	19.3		1	0.20	1.00	ug/L	10/21/25 10:06	VX102125
75-27-4	Bromodichloromethane	18.6		1	0.22	1.00	ug/L	10/21/25 10:06	VX102125
108-10-1	4-Methyl-2-Pentanone	86.9		1	0.68	5.00	ug/L	10/21/25 10:06	VX102125
108-88-3	Toluene	18.8		1	0.14	1.00	ug/L	10/21/25 10:06	VX102125
10061-02-6	t-1,3-Dichloropropene	18.4		1	0.17	1.00	ug/L	10/21/25 10:06	VX102125
10061-01-5	cis-1,3-Dichloropropene	18.8		1	0.16	1.00	ug/L	10/21/25 10:06	VX102125
79-00-5	1,1,2-Trichloroethane	19.1		1	0.21	1.00	ug/L	10/21/25 10:06	VX102125
591-78-6	2-Hexanone	85.9		1	0.89	5.00	ug/L	10/21/25 10:06	VX102125
124-48-1	Dibromochloromethane	18.1		1	0.18	1.00	ug/L	10/21/25 10:06	VX102125
106-93-4	1,2-Dibromoethane	18.6		1	0.15	1.00	ug/L	10/21/25 10:06	VX102125
127-18-4	Tetrachloroethene	16.9		1	0.23	1.00	ug/L	10/21/25 10:06	VX102125
108-90-7	Chlorobenzene	18.0		1	0.12	1.00	ug/L	10/21/25 10:06	VX102125
100-41-4	Ethyl Benzene	17.8		1	0.13	1.00	ug/L	10/21/25 10:06	VX102125
179601-23-1	m/p-Xylenes	36.8		1	0.24	2.00	ug/L	10/21/25 10:06	VX102125
95-47-6	o-Xylene	18.1		1	0.12	1.00	ug/L	10/21/25 10:06	VX102125
100-42-5	Styrene	18.8		1	0.15	1.00	ug/L	10/21/25 10:06	VX102125
75-25-2	Bromoform	17.0		1	0.19	1.00	ug/L	10/21/25 10:06	VX102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VX1021WBS01
Lab Sample ID: VX1021WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.1		1	0.12	1.00	ug/L	10/21/25 10:06	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	17.3		1	0.26	1.00	ug/L	10/21/25 10:06	VX102125
541-73-1	1,3-Dichlorobenzene	17.2		1	0.16	1.00	ug/L	10/21/25 10:06	VX102125
106-46-7	1,4-Dichlorobenzene	16.6		1	0.19	1.00	ug/L	10/21/25 10:06	VX102125
95-50-1	1,2-Dichlorobenzene	17.2		1	0.16	1.00	ug/L	10/21/25 10:06	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1	0.53	1.00	ug/L	10/21/25 10:06	VX102125
120-82-1	1,2,4-Trichlorobenzene	15.2		1	0.20	1.00	ug/L	10/21/25 10:06	VX102125
87-61-6	1,2,3-Trichlorobenzene	15.5		1	0.20	1.00	ug/L	10/21/25 10:06	VX102125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	49.2			74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3			75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	47.8			86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7			77 - 121	99%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	141000
540-36-3	1,4-Difluorobenzene	230000
3114-55-4	Chlorobenzene-d5	212000
3855-82-1	1,4-Dichlorobenzene-d4	111000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VY1021SBS01
Lab Sample ID: VY1021SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	20.3		1	1.10	5.00	ug/Kg	10/21/25 10:04	VY102125
74-87-3	Chloromethane	19.5		1	1.10	5.00	ug/Kg	10/21/25 10:04	VY102125
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	10/21/25 10:04	VY102125
74-83-9	Bromomethane	21.5		1	1.10	5.00	ug/Kg	10/21/25 10:04	VY102125
75-00-3	Chloroethane	21.2		1	1.30	5.00	ug/Kg	10/21/25 10:04	VY102125
75-69-4	Trichlorofluoromethane	20.4		1	1.20	5.00	ug/Kg	10/21/25 10:04	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	21.1		1	1.10	5.00	ug/Kg	10/21/25 10:04	VY102125
75-35-4	1,1-Dichloroethene	20.2		1	1.00	5.00	ug/Kg	10/21/25 10:04	VY102125
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	10/21/25 10:04	VY102125
75-15-0	Carbon Disulfide	20.2		1	1.10	5.00	ug/Kg	10/21/25 10:04	VY102125
1634-04-4	Methyl tert-butyl Ether	18.0		1	0.73	5.00	ug/Kg	10/21/25 10:04	VY102125
79-20-9	Methyl Acetate	15.9		1	1.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-09-2	Methylene Chloride	19.0		1	3.50	10.0	ug/Kg	10/21/25 10:04	VY102125
156-60-5	trans-1,2-Dichloroethene	21.0		1	0.86	5.00	ug/Kg	10/21/25 10:04	VY102125
75-34-3	1,1-Dichloroethane	20.5		1	0.80	5.00	ug/Kg	10/21/25 10:04	VY102125
110-82-7	Cyclohexane	18.8		1	0.79	5.00	ug/Kg	10/21/25 10:04	VY102125
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	10/21/25 10:04	VY102125
56-23-5	Carbon Tetrachloride	21.7		1	0.97	5.00	ug/Kg	10/21/25 10:04	VY102125
156-59-2	cis-1,2-Dichloroethene	20.7		1	0.75	5.00	ug/Kg	10/21/25 10:04	VY102125
74-97-5	Bromochloromethane	19.7		1	1.20	5.00	ug/Kg	10/21/25 10:04	VY102125
67-66-3	Chloroform	21.5		1	0.84	5.00	ug/Kg	10/21/25 10:04	VY102125
71-55-6	1,1,1-Trichloroethane	21.1		1	0.93	5.00	ug/Kg	10/21/25 10:04	VY102125
108-87-2	Methylcyclohexane	19.8		1	0.91	5.00	ug/Kg	10/21/25 10:04	VY102125
71-43-2	Benzene	21.6		1	0.79	5.00	ug/Kg	10/21/25 10:04	VY102125
107-06-2	1,2-Dichloroethane	20.0		1	0.79	5.00	ug/Kg	10/21/25 10:04	VY102125
79-01-6	Trichloroethene	21.9		1	0.81	5.00	ug/Kg	10/21/25 10:04	VY102125
78-87-5	1,2-Dichloropropane	21.5		1	0.91	5.00	ug/Kg	10/21/25 10:04	VY102125
75-27-4	Bromodichloromethane	21.3		1	0.78	5.00	ug/Kg	10/21/25 10:04	VY102125
108-10-1	4-Methyl-2-Pentanone	86.7		1	3.60	25.0	ug/Kg	10/21/25 10:04	VY102125
108-88-3	Toluene	21.9		1	0.78	5.00	ug/Kg	10/21/25 10:04	VY102125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.65	5.00	ug/Kg	10/21/25 10:04	VY102125
10061-01-5	cis-1,3-Dichloropropene	20.8		1	0.62	5.00	ug/Kg	10/21/25 10:04	VY102125
79-00-5	1,1,2-Trichloroethane	21.0		1	0.92	5.00	ug/Kg	10/21/25 10:04	VY102125
591-78-6	2-Hexanone	95.9		1	3.70	25.0	ug/Kg	10/21/25 10:04	VY102125
124-48-1	Dibromochloromethane	20.8		1	0.87	5.00	ug/Kg	10/21/25 10:04	VY102125
106-93-4	1,2-Dibromoethane	20.1		1	0.88	5.00	ug/Kg	10/21/25 10:04	VY102125
127-18-4	Tetrachloroethene	22.0		1	1.10	5.00	ug/Kg	10/21/25 10:04	VY102125
108-90-7	Chlorobenzene	21.2		1	0.91	5.00	ug/Kg	10/21/25 10:04	VY102125
100-41-4	Ethyl Benzene	21.0		1	0.67	5.00	ug/Kg	10/21/25 10:04	VY102125
179601-23-1	m/p-Xylenes	43.1		1	1.20	10.0	ug/Kg	10/21/25 10:04	VY102125
95-47-6	o-Xylene	20.6		1	0.82	5.00	ug/Kg	10/21/25 10:04	VY102125
100-42-5	Styrene	21.0		1	0.71	5.00	ug/Kg	10/21/25 10:04	VY102125
75-25-2	Bromoform	19.5		1	0.86	5.00	ug/Kg	10/21/25 10:04	VY102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VY1021SBS01
Lab Sample ID: VY1021SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	5.00	ug/Kg	10/21/25 10:04	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1	1.20	5.00	ug/Kg	10/21/25 10:04	VY102125
541-73-1	1,3-Dichlorobenzene	20.7		1	1.70	5.00	ug/Kg	10/21/25 10:04	VY102125
106-46-7	1,4-Dichlorobenzene	20.5		1	1.60	5.00	ug/Kg	10/21/25 10:04	VY102125
95-50-1	1,2-Dichlorobenzene	20.5		1	1.50	5.00	ug/Kg	10/21/25 10:04	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1	1.80	5.00	ug/Kg	10/21/25 10:04	VY102125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	3.00	5.00	ug/Kg	10/21/25 10:04	VY102125
87-61-6	1,2,3-Trichlorobenzene	18.1		1	3.20	5.00	ug/Kg	10/21/25 10:04	VY102125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	46.9			63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9			70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	51.3			74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9			17 - 146	100%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	494000
540-36-3	1,4-Difluorobenzene	713000
3114-55-4	Chlorobenzene-d5	636000
3855-82-1	1,4-Dichlorobenzene-d4	341000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VW1020SBSD01
Lab Sample ID: VW1020SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.7		1	1.10	5.00	ug/Kg	10/20/25 12:03	VW102025
74-87-3	Chloromethane	20.0		1	1.10	5.00	ug/Kg	10/20/25 12:03	VW102025
75-01-4	Vinyl Chloride	21.4		1	0.79	5.00	ug/Kg	10/20/25 12:03	VW102025
74-83-9	Bromomethane	21.7		1	1.10	5.00	ug/Kg	10/20/25 12:03	VW102025
75-00-3	Chloroethane	21.6		1	1.30	5.00	ug/Kg	10/20/25 12:03	VW102025
75-69-4	Trichlorofluoromethane	21.6		1	1.20	5.00	ug/Kg	10/20/25 12:03	VW102025
76-13-1	1,1,2-Trichlorotrifluoroethane	20.6		1	1.10	5.00	ug/Kg	10/20/25 12:03	VW102025
75-35-4	1,1-Dichloroethene	21.6		1	1.00	5.00	ug/Kg	10/20/25 12:03	VW102025
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	10/20/25 12:03	VW102025
75-15-0	Carbon Disulfide	21.6		1	1.10	5.00	ug/Kg	10/20/25 12:03	VW102025
1634-04-4	Methyl tert-butyl Ether	21.3		1	0.73	5.00	ug/Kg	10/20/25 12:03	VW102025
79-20-9	Methyl Acetate	20.9		1	1.50	5.00	ug/Kg	10/20/25 12:03	VW102025
75-09-2	Methylene Chloride	19.5		1	3.50	10.0	ug/Kg	10/20/25 12:03	VW102025
156-60-5	trans-1,2-Dichloroethene	21.5		1	0.86	5.00	ug/Kg	10/20/25 12:03	VW102025
75-34-3	1,1-Dichloroethane	21.5		1	0.80	5.00	ug/Kg	10/20/25 12:03	VW102025
110-82-7	Cyclohexane	19.7		1	0.79	5.00	ug/Kg	10/20/25 12:03	VW102025
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	10/20/25 12:03	VW102025
56-23-5	Carbon Tetrachloride	22.3		1	0.97	5.00	ug/Kg	10/20/25 12:03	VW102025
156-59-2	cis-1,2-Dichloroethene	21.2		1	0.75	5.00	ug/Kg	10/20/25 12:03	VW102025
74-97-5	Bromochloromethane	21.5		1	1.20	5.00	ug/Kg	10/20/25 12:03	VW102025
67-66-3	Chloroform	22.5		1	0.84	5.00	ug/Kg	10/20/25 12:03	VW102025
71-55-6	1,1,1-Trichloroethane	22.4		1	0.93	5.00	ug/Kg	10/20/25 12:03	VW102025
108-87-2	Methylcyclohexane	19.4		1	0.91	5.00	ug/Kg	10/20/25 12:03	VW102025
71-43-2	Benzene	21.8		1	0.79	5.00	ug/Kg	10/20/25 12:03	VW102025
107-06-2	1,2-Dichloroethane	22.0		1	0.79	5.00	ug/Kg	10/20/25 12:03	VW102025
79-01-6	Trichloroethene	21.9		1	0.81	5.00	ug/Kg	10/20/25 12:03	VW102025
78-87-5	1,2-Dichloropropane	22.2		1	0.91	5.00	ug/Kg	10/20/25 12:03	VW102025
75-27-4	Bromodichloromethane	23.0		1	0.78	5.00	ug/Kg	10/20/25 12:03	VW102025
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	10/20/25 12:03	VW102025
108-88-3	Toluene	22.5		1	0.78	5.00	ug/Kg	10/20/25 12:03	VW102025
10061-02-6	t-1,3-Dichloropropene	22.6		1	0.65	5.00	ug/Kg	10/20/25 12:03	VW102025
10061-01-5	cis-1,3-Dichloropropene	22.1		1	0.62	5.00	ug/Kg	10/20/25 12:03	VW102025
79-00-5	1,1,2-Trichloroethane	22.6		1	0.92	5.00	ug/Kg	10/20/25 12:03	VW102025
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/20/25 12:03	VW102025
124-48-1	Dibromochloromethane	23.9		1	0.87	5.00	ug/Kg	10/20/25 12:03	VW102025
106-93-4	1,2-Dibromoethane	22.8		1	0.88	5.00	ug/Kg	10/20/25 12:03	VW102025
127-18-4	Tetrachloroethene	21.7		1	1.10	5.00	ug/Kg	10/20/25 12:03	VW102025
108-90-7	Chlorobenzene	21.3		1	0.91	5.00	ug/Kg	10/20/25 12:03	VW102025
100-41-4	Ethyl Benzene	20.6		1	0.67	5.00	ug/Kg	10/20/25 12:03	VW102025
179601-23-1	m/p-Xylenes	42.2		1	1.20	10.0	ug/Kg	10/20/25 12:03	VW102025
95-47-6	o-Xylene	20.7		1	0.82	5.00	ug/Kg	10/20/25 12:03	VW102025
100-42-5	Styrene	21.8		1	0.71	5.00	ug/Kg	10/20/25 12:03	VW102025
75-25-2	Bromoform	23.5		1	0.86	5.00	ug/Kg	10/20/25 12:03	VW102025

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VW1020SBSD01
Lab Sample ID: VW1020SBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.8		1	0.78	5.00	ug/Kg	10/20/25 12:03	VW102025
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1	1.20	5.00	ug/Kg	10/20/25 12:03	VW102025
541-73-1	1,3-Dichlorobenzene	21.5		1	1.70	5.00	ug/Kg	10/20/25 12:03	VW102025
106-46-7	1,4-Dichlorobenzene	21.0		1	1.60	5.00	ug/Kg	10/20/25 12:03	VW102025
95-50-1	1,2-Dichlorobenzene	21.3		1	1.50	5.00	ug/Kg	10/20/25 12:03	VW102025
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1	1.80	5.00	ug/Kg	10/20/25 12:03	VW102025
120-82-1	1,2,4-Trichlorobenzene	20.3		1	3.00	5.00	ug/Kg	10/20/25 12:03	VW102025
87-61-6	1,2,3-Trichlorobenzene	20.9		1	3.20	5.00	ug/Kg	10/20/25 12:03	VW102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.1			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.5			70 - 134	109%	SPK: 50		
2037-26-5	Toluene-d8	54.5			74 - 123	109%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.8			17 - 146	106%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	281000							
540-36-3	1,4-Difluorobenzene	508000							
3114-55-4	Chlorobenzene-d5	481000							
3855-82-1	1,4-Dichlorobenzene-d4	240000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VX1021WBSD01
Lab Sample ID: VX1021WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.0		1	0.22	1.00	ug/L	10/21/25 10:33	VX102125
74-87-3	Chloromethane	17.3		1	0.32	1.00	ug/L	10/21/25 10:33	VX102125
75-01-4	Vinyl Chloride	16.9		1	0.26	1.00	ug/L	10/21/25 10:33	VX102125
74-83-9	Bromomethane	19.0		1	1.40	5.00	ug/L	10/21/25 10:33	VX102125
75-00-3	Chloroethane	19.0		1	0.47	1.00	ug/L	10/21/25 10:33	VX102125
75-69-4	Trichlorofluoromethane	17.9		1	0.33	1.00	ug/L	10/21/25 10:33	VX102125
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		1	0.25	1.00	ug/L	10/21/25 10:33	VX102125
75-35-4	1,1-Dichloroethene	17.9		1	0.23	1.00	ug/L	10/21/25 10:33	VX102125
67-64-1	Acetone	81.6		1	1.50	5.00	ug/L	10/21/25 10:33	VX102125
75-15-0	Carbon Disulfide	16.9		1	0.21	1.00	ug/L	10/21/25 10:33	VX102125
1634-04-4	Methyl tert-butyl Ether	18.0		1	0.16	1.00	ug/L	10/21/25 10:33	VX102125
79-20-9	Methyl Acetate	16.9		1	0.27	1.00	ug/L	10/21/25 10:33	VX102125
75-09-2	Methylene Chloride	18.5		1	0.28	1.00	ug/L	10/21/25 10:33	VX102125
156-60-5	trans-1,2-Dichloroethene	18.8		1	0.23	1.00	ug/L	10/21/25 10:33	VX102125
75-34-3	1,1-Dichloroethane	18.8		1	0.23	1.00	ug/L	10/21/25 10:33	VX102125
110-82-7	Cyclohexane	18.4		1	1.50	5.00	ug/L	10/21/25 10:33	VX102125
78-93-3	2-Butanone	85.7		1	0.98	5.00	ug/L	10/21/25 10:33	VX102125
56-23-5	Carbon Tetrachloride	17.2		1	0.25	1.00	ug/L	10/21/25 10:33	VX102125
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.19	1.00	ug/L	10/21/25 10:33	VX102125
74-97-5	Bromochloromethane	21.3		1	0.22	1.00	ug/L	10/21/25 10:33	VX102125
67-66-3	Chloroform	19.0		1	0.25	1.00	ug/L	10/21/25 10:33	VX102125
71-55-6	1,1,1-Trichloroethane	18.3		1	0.20	1.00	ug/L	10/21/25 10:33	VX102125
108-87-2	Methylcyclohexane	18.2		1	0.16	1.00	ug/L	10/21/25 10:33	VX102125
71-43-2	Benzene	18.8		1	0.15	1.00	ug/L	10/21/25 10:33	VX102125
107-06-2	1,2-Dichloroethane	18.5		1	0.22	1.00	ug/L	10/21/25 10:33	VX102125
79-01-6	Trichloroethene	18.3		1	0.090	1.00	ug/L	10/21/25 10:33	VX102125
78-87-5	1,2-Dichloropropane	19.8		1	0.20	1.00	ug/L	10/21/25 10:33	VX102125
75-27-4	Bromodichloromethane	18.8		1	0.22	1.00	ug/L	10/21/25 10:33	VX102125
108-10-1	4-Methyl-2-Pentanone	89.0		1	0.68	5.00	ug/L	10/21/25 10:33	VX102125
108-88-3	Toluene	18.9		1	0.14	1.00	ug/L	10/21/25 10:33	VX102125
10061-02-6	t-1,3-Dichloropropene	18.5		1	0.17	1.00	ug/L	10/21/25 10:33	VX102125
10061-01-5	cis-1,3-Dichloropropene	18.5		1	0.16	1.00	ug/L	10/21/25 10:33	VX102125
79-00-5	1,1,2-Trichloroethane	19.3		1	0.21	1.00	ug/L	10/21/25 10:33	VX102125
591-78-6	2-Hexanone	87.8		1	0.89	5.00	ug/L	10/21/25 10:33	VX102125
124-48-1	Dibromochloromethane	18.3		1	0.18	1.00	ug/L	10/21/25 10:33	VX102125
106-93-4	1,2-Dibromoethane	18.6		1	0.15	1.00	ug/L	10/21/25 10:33	VX102125
127-18-4	Tetrachloroethene	17.5		1	0.23	1.00	ug/L	10/21/25 10:33	VX102125
108-90-7	Chlorobenzene	18.9		1	0.12	1.00	ug/L	10/21/25 10:33	VX102125
100-41-4	Ethyl Benzene	18.3		1	0.13	1.00	ug/L	10/21/25 10:33	VX102125
179601-23-1	m/p-Xylenes	37.5		1	0.24	2.00	ug/L	10/21/25 10:33	VX102125
95-47-6	o-Xylene	18.5		1	0.12	1.00	ug/L	10/21/25 10:33	VX102125
100-42-5	Styrene	19.2		1	0.15	1.00	ug/L	10/21/25 10:33	VX102125
75-25-2	Bromoform	17.7		1	0.19	1.00	ug/L	10/21/25 10:33	VX102125

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: VX1021WBSD01
Lab Sample ID: VX1021WBSD01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
SDG No.: Q3376
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.5		1	0.12	1.00	ug/L	10/21/25 10:33	VX102125
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1	0.26	1.00	ug/L	10/21/25 10:33	VX102125
541-73-1	1,3-Dichlorobenzene	18.2		1	0.16	1.00	ug/L	10/21/25 10:33	VX102125
106-46-7	1,4-Dichlorobenzene	18.2		1	0.19	1.00	ug/L	10/21/25 10:33	VX102125
95-50-1	1,2-Dichlorobenzene	18.6		1	0.16	1.00	ug/L	10/21/25 10:33	VX102125
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1	0.53	1.00	ug/L	10/21/25 10:33	VX102125
120-82-1	1,2,4-Trichlorobenzene	16.8		1	0.20	1.00	ug/L	10/21/25 10:33	VX102125
87-61-6	1,2,3-Trichlorobenzene	17.3		1	0.20	1.00	ug/L	10/21/25 10:33	VX102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.5			74 - 125	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.0			75 - 124	96%	SPK: 50		
2037-26-5	Toluene-d8	47.9			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			77 - 121	95%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	138000							
540-36-3	1,4-Difluorobenzene	224000							
3114-55-4	Chlorobenzene-d5	203000							
3855-82-1	1,4-Dichlorobenzene-d4	101000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3376</u>
Instrument ID: <u>MSVOA_W</u>	Calibration Date(s): <u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>13:12</u> <u>15:20</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID: RRF005 = VW032313.D RRF010 = VW032314.D RRF020 = VW032315.D RRF050 = VW032316.D RRF100 = VW032317.D RRF150 = VW032318.D								
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.347	0.343	0.345	0.264	0.284	0.299	0.314	11.5
Chloromethane	0.532	0.527	0.516	0.418	0.450	0.463	0.484	9.7
Vinyl Chloride	0.625	0.636	0.606	0.529	0.533	0.538	0.578	8.6
Bromomethane	0.483	0.472	0.435	0.382	0.391	0.386	0.425	10.6
Chloroethane	0.405	0.409	0.394	0.356	0.365	0.361	0.382	6.3
Trichlorofluoromethane	0.426	0.453	0.430	0.418	0.422	0.447	0.433	3.3
1,1,2-Trichlorotrifluoroethane	0.609	0.569	0.524	0.465	0.469	0.478	0.519	11.5
1,1-Dichloroethene	0.588	0.608	0.595	0.521	0.534	0.535	0.564	6.7
Acetone	0.235	0.230	0.209	0.183	0.174	0.181	0.202	13.1
Carbon Disulfide	1.581	1.583	1.581	1.442	1.517	1.521	1.538	3.7
Methyl tert-butyl Ether	1.087	1.161	1.150	1.069	1.094	1.099	1.110	3.3
Methyl Acetate	0.478	0.597	0.612	0.624	0.567	0.592	0.578	9.1
Methylene Chloride	1.280	1.052	0.811	0.631	0.630	0.625	0.838	32.6
trans-1,2-Dichloroethene	0.649	0.640	0.636	0.589	0.613	0.617	0.624	3.6
1,1-Dichloroethane	1.238	1.261	1.244	1.132	1.169	1.172	1.203	4.3
Cyclohexane	1.228	1.108	1.042	0.911	0.931	0.939	1.027	12.1
2-Butanone	0.271	0.293	0.286	0.262	0.262	0.277	0.275	4.6
Carbon Tetrachloride	0.446	0.441	0.427	0.403	0.434	0.429	0.430	3.5
cis-1,2-Dichloroethene	0.768	0.763	0.766	0.716	0.740	0.744	0.749	2.7
Bromochloromethane	0.566	0.588	0.583	0.547	0.553	0.557	0.566	2.9
Chloroform	1.257	1.275	1.271	1.146	1.191	1.178	1.220	4.5
1,1,1-Trichloroethane	0.906	0.910	0.896	0.816	0.835	0.822	0.864	5.1
Methylcyclohexane	0.585	0.542	0.529	0.521	0.568	0.561	0.551	4.5
Benzene	1.518	1.494	1.440	1.345	1.424	1.373	1.432	4.7
1,2-Dichloroethane	0.487	0.497	0.472	0.442	0.461	0.453	0.469	4.4
Trichloroethene	0.354	0.348	0.330	0.312	0.339	0.329	0.335	4.5
1,2-Dichloropropane	0.370	0.371	0.363	0.341	0.355	0.346	0.358	3.4
Bromodichloromethane	0.507	0.517	0.500	0.480	0.513	0.500	0.503	2.6
4-Methyl-2-Pentanone	0.289	0.325	0.318	0.312	0.314	0.317	0.313	3.9
Toluene	0.909	0.905	0.897	0.857	0.908	0.876	0.892	2.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3376</u>
Instrument ID: <u>MSVOA_W</u>	Calibration Date(s): <u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>13:12</u> <u>15:20</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:								
RRF005 = VW032313.D			RRF010 = VW032314.D			RRF020 = VW032315.D		
RRF050 = VW032316.D			RRF100 = VW032317.D			RRF150 = VW032318.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.451	0.482	0.469	0.478	0.525	0.523	0.488	6.1
cis-1,3-Dichloropropene	0.531	0.571	0.550	0.544	0.591	0.584	0.562	4.2
1,1,2-Trichloroethane	0.304	0.307	0.295	0.280	0.293	0.285	0.294	3.6
2-Hexanone	0.202	0.225	0.226	0.219	0.223	0.228	0.220	4.4
Dibromochloromethane	0.317	0.327	0.334	0.326	0.355	0.343	0.334	4
1,2-Dibromoethane	0.286	0.295	0.288	0.278	0.285	0.287	0.287	2
Tetrachloroethene	0.327	0.325	0.299	0.278	0.287	0.279	0.299	7.3
Chlorobenzene	1.159	1.140	1.109	1.028	1.094	1.070	1.100	4.3
Ethyl Benzene	1.822	1.861	1.843	1.734	1.897	1.845	1.834	3
m/p-Xylenes	0.704	0.720	0.715	0.668	0.730	0.705	0.707	3
o-Xylene	0.632	0.665	0.653	0.637	0.701	0.678	0.661	3.9
Styrene	1.090	1.143	1.199	1.124	1.186	1.186	1.155	3.7
Bromoform	0.179	0.207	0.192	0.189	0.202	0.209	0.196	6
Isopropylbenzene	3.316	3.159	3.364	3.327	3.645	3.714	3.421	6.2
1,1,2,2-Tetrachloroethane	0.867	0.867	0.851	0.808	0.833	0.869	0.849	2.9
1,3-Dichlorobenzene	1.765	1.650	1.625	1.600	1.658	1.722	1.670	3.7
1,4-Dichlorobenzene	1.839	1.673	1.700	1.548	1.661	1.597	1.670	6
1,2-Dichlorobenzene	1.541	1.549	1.557	1.402	1.467	1.540	1.509	4.1
1,2-Dibromo-3-Chloropropane	0.146	0.144	0.150	0.146	0.147	0.160	0.149	3.8
1,2,4-Trichlorobenzene	0.956	0.842	0.865	0.833	0.938	0.997	0.905	7.5
1,2,3-Trichlorobenzene	0.893	0.818	0.839	0.810	0.864	0.895	0.853	4.3
1,2-Dichloroethane-d4	0.738	0.758	0.765	0.695	0.714	0.706	0.729	4
Dibromofluoromethane	0.331	0.335	0.327	0.306	0.331	0.311	0.324	3.8
Toluene-d8	1.182	1.204	1.166	1.193	1.231	1.194	1.195	1.8
4-Bromofluorobenzene	0.472	0.449	0.436	0.448	0.459	0.446	0.452	2.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3376</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>10/20/2025</u> <u>10/20/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>10:59</u> <u>13:49</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF001 = VX048229.D		RRF020 = VX048231.D		RRF050 = VX048232.D		
		RRF100 = VX048233.D		RRF150 = VX048234.D		RRF005 = VX048236.D		
COMPOUND	RRF001	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD
Dichlorodifluoromethane	0.522	0.513	0.483	0.540	0.504	0.522	0.514	3.7
Chloromethane	0.506	0.468	0.449	0.476	0.471	0.508	0.480	4.8
Vinyl Chloride	0.447	0.437	0.416	0.462	0.445	0.458	0.444	3.7
Bromomethane		0.323	0.282	0.280	0.276	0.346	0.302	10.4
Chloroethane	0.233	0.277	0.247	0.282	0.267	0.261	0.261	7.2
Trichlorofluoromethane	0.776	0.874	0.807	0.907	0.869	0.880	0.852	5.8
1,1,2-Trichlorotrifluoroethane	0.512	0.540	0.501	0.583	0.549	0.553	0.540	5.5
1,1-Dichloroethene	0.515	0.548	0.485	0.558	0.531	0.514	0.525	5
Acetone	0.300	0.250	0.202	0.221	0.206	0.262	0.240	15.7
Carbon Disulfide	2.034	1.612	1.442	1.617	1.532	1.689	1.654	12.4
Methyl tert-butyl Ether	1.894	1.909	1.704	1.817	1.764	1.657	1.791	5.7
Methyl Acetate	0.514	0.551	0.466	0.514	0.504	0.464	0.502	6.6
Methylene Chloride	0.555	0.651	0.552	0.597	0.567	0.595	0.586	6.4
trans-1,2-Dichloroethene	0.587	0.585	0.535	0.592	0.558	0.603	0.577	4.4
1,1-Dichloroethane	1.116	1.085	0.977	1.055	1.019	1.054	1.051	4.6
Cyclohexane		0.894	0.821	0.926	0.866	0.843	0.870	4.8
2-Butanone	0.311	0.329	0.281	0.301	0.290	0.315	0.304	5.7
Carbon Tetrachloride	0.650	0.594	0.553	0.604	0.567	0.622	0.599	5.9
cis-1,2-Dichloroethene	0.682	0.700	0.626	0.695	0.661	0.673	0.673	4
Bromochloromethane	0.388	0.404	0.441	0.462	0.452	0.469	0.436	7.5
Chloroform	1.147	1.208	1.046	1.127	1.067	1.143	1.123	5.2
1,1,1-Trichloroethane	1.049	1.085	0.973	1.055	1.007	1.041	1.035	3.8
Methylcyclohexane	0.551	0.548	0.540	0.626	0.582	0.590	0.573	5.7
Benzene	1.493	1.480	1.301	1.426	1.347	1.405	1.409	5.3
1,2-Dichloroethane	0.529	0.566	0.500	0.528	0.496	0.499	0.520	5.2
Trichloroethene	0.400	0.373	0.348	0.380	0.363	0.366	0.372	4.7
1,2-Dichloropropane	0.309	0.362	0.321	0.347	0.333	0.337	0.335	5.5
Bromodichloromethane	0.570	0.592	0.538	0.573	0.538	0.567	0.563	3.8
4-Methyl-2-Pentanone	0.366	0.422	0.377	0.384	0.362	0.374	0.381	5.7
Toluene	0.881	0.944	0.862	0.910	0.849	0.925	0.895	4.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>AECO02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3376</u>
Instrument ID: <u>MSVOA_X</u>	Calibration Date(s): <u>10/20/2025</u> <u>10/20/2025</u>
Heated Purge: (Y/N) <u>N</u>	Calibration Time(s): <u>10:59</u> <u>13:49</u>
GC Column: <u>DB-624UI</u> ID: <u>0.18</u> (mm)	

LAB FILE ID:		RRF001 = VX048229.D		RRF020 = VX048231.D		RRF050 = VX048232.D		
		RRF100 = VX048233.D		RRF150 = VX048234.D		RRF005 = VX048236.D		
COMPOUND	RRF001	RRF020	RRF050	RRF100	RRF150	RRF005	RRF	% RSD
t-1,3-Dichloropropene	0.477	0.582	0.545	0.574	0.553	0.526	0.543	7
cis-1,3-Dichloropropene	0.582	0.604	0.572	0.615	0.585	0.556	0.586	3.7
1,1,2-Trichloroethane	0.318	0.357	0.321	0.333	0.313	0.355	0.333	5.8
2-Hexanone	0.231	0.298	0.267	0.271	0.256	0.271	0.266	8.3
Dibromochloromethane	0.482	0.476	0.425	0.442	0.418	0.441	0.447	5.9
1,2-Dibromoethane	0.346	0.393	0.342	0.359	0.336	0.353	0.355	5.7
Tetrachloroethene	0.418	0.378	0.328	0.370	0.361	0.385	0.373	7.9
Chlorobenzene	1.149	1.159	1.045	1.148	1.102	1.145	1.125	3.9
Ethyl Benzene	1.905	1.954	1.825	2.008	1.922	1.876	1.915	3.3
m/p-Xylenes	0.647	0.750	0.687	0.750	0.707	0.727	0.712	5.6
o-Xylene	0.652	0.712	0.664	0.723	0.686	0.684	0.687	3.9
Styrene	1.054	1.236	1.143	1.247	1.173	1.165	1.170	6
Bromoform	0.338	0.350	0.308	0.335	0.326	0.325	0.330	4.3
Isopropylbenzene	3.618	3.656	3.430	3.875	3.754	3.579	3.652	4.2
1,1,2,2-Tetrachloroethane	0.988	1.065	0.946	1.018	0.992	0.974	0.997	4.1
1,3-Dichlorobenzene	1.863	1.742	1.550	1.747	1.707	1.750	1.726	5.9
1,4-Dichlorobenzene	2.143	1.803	1.577	1.724	1.710	1.772	1.788	10.6
1,2-Dichlorobenzene	1.803	1.631	1.494	1.619	1.588	1.590	1.621	6.3
1,2-Dibromo-3-Chloropropane	0.167	0.219	0.195	0.224	0.223	0.187	0.202	11.5
1,2,4-Trichlorobenzene	1.441	0.975	0.959	1.114	1.094	0.994	1.096	16.5
1,2,3-Trichlorobenzene	1.154	0.942	0.909	1.050	1.033	0.947	1.006	9
1,2-Dichloroethane-d4		0.709	0.682	0.690	0.698	0.725	0.701	2.4
Dibromofluoromethane		0.345	0.330	0.346	0.348	0.338	0.341	2.2
Toluene-d8		1.185	1.185	1.196	1.195	1.221	1.196	1.2
4-Bromofluorobenzene		0.445	0.444	0.446	0.441	0.500	0.455	5.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date(s):	<u>10/07/2025</u> <u>10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>09:17</u> <u>12:32</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:		RRF005 = VY023384.D		RRF010 = VY023385.D		RRF020 = VY023386.D			
		RRF050 = VY023387.D		RRF100 = VY023388.D		RRF150 = VY023389.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12	
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4	
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6	
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4	
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7	
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5	
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6	
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1	
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7	
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7	
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3	
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6	
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4	
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9	
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9	
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3	
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6	
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1	
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8	
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2	
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5	
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1	
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7	
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2	
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6	
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8	
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9	
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7	
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6	
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date(s):	<u>10/07/2025</u> <u>10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>09:17</u> <u>12:32</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:		RRF005 = VY023384.D		RRF010 = VY023385.D		RRF020 = VY023386.D		
		RRF050 = VY023387.D		RRF100 = VY023388.D		RRF150 = VY023389.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/20/2025</u> <u>10:20</u>
Lab File ID:	<u>VW032378.D</u>	Init. Calib. Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.314	0.311		-0.95	20
Chloromethane	0.484	0.459	0.1	-5.16	20
Vinyl Chloride	0.578	0.608		5.19	20
Bromomethane	0.425	0.444		4.47	20
Chloroethane	0.382	0.416		8.9	20
Trichlorofluoromethane	0.433	0.501		15.7	20
1,1,2-Trichlorotrifluoroethane	0.519	0.563		8.48	20
1,1-Dichloroethene	0.564	0.625		10.82	20
Acetone	0.202	0.196		-2.97	20
Carbon Disulfide	1.538	1.711		11.25	20
Methyl tert-butyl Ether	1.110	1.198		7.93	20
Methyl Acetate	0.578	0.649		12.28	20
Methylene Chloride	0.838	0.723		-13.72	20
trans-1,2-Dichloroethene	0.624	0.698		11.86	20
1,1-Dichloroethane	1.203	1.322	0.1	9.89	20
Cyclohexane	1.027	1.031		0.39	20
2-Butanone	0.275	0.276		0.36	20
Carbon Tetrachloride	0.430	0.504		17.21	20
cis-1,2-Dichloroethene	0.749	0.820		9.48	20
Bromochloromethane	0.566	0.610		7.77	20
Chloroform	1.220	1.377		12.87	20
1,1,1-Trichloroethane	0.864	0.981		13.54	20
Methylcyclohexane	0.551	0.593		7.62	20
Benzene	1.432	1.599		11.66	20
1,2-Dichloroethane	0.469	0.515		9.81	20
Trichloroethene	0.335	0.366		9.25	20
1,2-Dichloropropane	0.358	0.402		12.29	20
Bromodichloromethane	0.503	0.597		18.69	20
4-Methyl-2-Pentanone	0.313	0.344		9.9	20
Toluene	0.892	1.027		15.14	20
t-1,3-Dichloropropene	0.488	0.563		15.37	20
cis-1,3-Dichloropropene	0.562	0.643		14.41	20
1,1,2-Trichloroethane	0.294	0.336		14.29	20
2-Hexanone	0.220	0.244		10.91	20
Dibromochloromethane	0.334	0.413		23.65	20
1,2-Dibromoethane	0.287	0.319		11.15	20
Tetrachloroethene	0.299	0.315		5.35	20
Chlorobenzene	1.100	1.171	0.3	6.45	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/20/2025</u> <u>10:20</u>
Lab File ID:	<u>VW032378.D</u>	Init. Calib. Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.834	2.060		12.32	20
m/p-Xylenes	0.707	0.797		12.73	20
o-Xylene	0.661	0.740		11.95	20
Styrene	1.155	1.345		16.45	20
Bromoform	0.196	0.242	0.1	23.47	20
Isopropylbenzene	3.421	3.733		9.12	20
1,1,2,2-Tetrachloroethane	0.849	0.868	0.3	2.24	20
1,3-Dichlorobenzene	1.670	1.766		5.75	20
1,4-Dichlorobenzene	1.670	1.805		8.08	20
1,2-Dichlorobenzene	1.509	1.604		6.3	20
1,2-Dibromo-3-Chloropropane	0.149	0.158		6.04	20
1,2,4-Trichlorobenzene	0.905	0.957		5.75	20
1,2,3-Trichlorobenzene	0.853	0.902		5.74	20
1,2-Dichloroethane-d4	0.729	0.743		1.92	20
Dibromofluoromethane	0.324	0.347		7.1	20
Toluene-d8	1.195	1.278		6.95	20
4-Bromofluorobenzene	0.452	0.470		3.98	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/21/2025 08:43</u>
Lab File ID:	<u>VX048252.D</u>	Init. Calib. Date(s):	<u>10/20/2025 10/20/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:59 13:49</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.514	0.496		-3.5	20
Chloromethane	0.480	0.468	0.1	-2.5	20
Vinyl Chloride	0.444	0.448		0.9	20
Bromomethane	0.302	0.299		-0.99	20
Chloroethane	0.261	0.261		0	20
Trichlorofluoromethane	0.852	0.813		-4.58	20
1,1,2-Trichlorotrifluoroethane	0.540	0.513		-5	20
1,1-Dichloroethene	0.525	0.498		-5.14	20
Acetone	0.240	0.230		-4.17	20
Carbon Disulfide	1.654	1.439		-13	20
Methyl tert-butyl Ether	1.791	1.576		-12	20
Methyl Acetate	0.502	0.411		-18.13	20
Methylene Chloride	0.586	0.556		-5.12	20
trans-1,2-Dichloroethene	0.577	0.538		-6.76	20
1,1-Dichloroethane	1.051	0.952	0.1	-9.42	20
Cyclohexane	0.870	0.788		-9.43	20
2-Butanone	0.304	0.260		-14.47	20
Carbon Tetrachloride	0.599	0.533		-11.02	20
cis-1,2-Dichloroethene	0.673	0.610		-9.36	20
Bromochloromethane	0.436	0.435		-0.23	20
Chloroform	1.123	1.006		-10.42	20
1,1,1-Trichloroethane	1.035	0.920		-11.11	20
Methylcyclohexane	0.573	0.510		-10.99	20
Benzene	1.409	1.280		-9.15	20
1,2-Dichloroethane	0.520	0.466		-10.39	20
Trichloroethene	0.372	0.337		-9.41	20
1,2-Dichloropropane	0.335	0.305		-8.95	20
Bromodichloromethane	0.563	0.510		-9.41	20
4-Methyl-2-Pentanone	0.381	0.302		-20.74	20
Toluene	0.895	0.795		-11.17	20
t-1,3-Dichloropropene	0.543	0.493		-9.21	20
cis-1,3-Dichloropropene	0.586	0.529		-9.73	20
1,1,2-Trichloroethane	0.333	0.291		-12.61	20
2-Hexanone	0.266	0.227		-14.66	20
Dibromochloromethane	0.447	0.388		-13.2	20
1,2-Dibromoethane	0.355	0.307		-13.52	20
Tetrachloroethene	0.373	0.325		-12.87	20
Chlorobenzene	1.125	1.025	0.3	-8.89	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/21/2025 08:43</u>
Lab File ID:	<u>VX048252.D</u>	Init. Calib. Date(s):	<u>10/20/2025 10/20/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>10:59 13:49</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.915	1.738		-9.24	20
m/p-Xylenes	0.712	0.666		-6.46	20
o-Xylene	0.687	0.625		-9.02	20
Styrene	1.170	1.107		-5.39	20
Bromoform	0.330	0.283	0.1	-14.24	20
Isopropylbenzene	3.652	3.379		-7.47	20
1,1,2,2-Tetrachloroethane	0.997	0.857	0.3	-14.04	20
1,3-Dichlorobenzene	1.726	1.555		-9.91	20
1,4-Dichlorobenzene	1.788	1.551		-13.26	20
1,2-Dichlorobenzene	1.621	1.416		-12.65	20
1,2-Dibromo-3-Chloropropane	0.202	0.163		-19.31	20
1,2,4-Trichlorobenzene	1.096	0.885		-19.25	20
1,2,3-Trichlorobenzene	1.006	0.834		-17.1	20
1,2-Dichloroethane-d4	0.701	0.658		-6.13	20
Dibromofluoromethane	0.341	0.340		-0.29	20
Toluene-d8	1.196	1.150		-3.85	20
4-Bromofluorobenzene	0.455	0.419		-7.91	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/21/2025 09:05</u>
Lab File ID:	<u>VY023521.D</u>	Init. Calib. Date(s):	<u>10/07/2025 10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17 12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.323		-10.28	20
Chloromethane	0.490	0.450	0.1	-8.16	20
Vinyl Chloride	0.639	0.605		-5.32	20
Bromomethane	0.536	0.513		-4.29	20
Chloroethane	0.435	0.447		2.76	20
Trichlorofluoromethane	0.887	0.883		-0.45	20
1,1,2-Trichlorotrifluoroethane	0.460	0.490		6.52	20
1,1-Dichloroethene	0.446	0.455		2.02	20
Acetone	0.100	0.113		13	20
Carbon Disulfide	1.277	1.260		-1.33	20
Methyl tert-butyl Ether	1.072	1.116		4.1	20
Methyl Acetate	0.261	0.303		16.09	20
Methylene Chloride	0.538	0.509		-5.39	20
trans-1,2-Dichloroethene	0.491	0.520		5.91	20
1,1-Dichloroethane	0.796	0.840	0.1	5.53	20
Cyclohexane	0.696	0.643		-7.61	20
2-Butanone	0.122	0.124		1.64	20
Carbon Tetrachloride	0.493	0.562		14	20
cis-1,2-Dichloroethene	0.567	0.614		8.29	20
Bromochloromethane	0.297	0.269		-9.43	20
Chloroform	0.875	0.960		9.71	20
1,1,1-Trichloroethane	0.795	0.859		8.05	20
Methylcyclohexane	0.530	0.568		7.17	20
Benzene	1.288	1.448		12.42	20
1,2-Dichloroethane	0.332	0.360		8.43	20
Trichloroethene	0.377	0.421		11.67	20
1,2-Dichloropropane	0.285	0.320		12.28	20
Bromodichloromethane	0.453	0.522		15.23	20
4-Methyl-2-Pentanone	0.166	0.186		12.05	20
Toluene	0.836	0.967		15.67	20
t-1,3-Dichloropropene	0.394	0.441		11.93	20
cis-1,3-Dichloropropene	0.465	0.524		12.69	20
1,1,2-Trichloroethane	0.242	0.285		17.77	20
2-Hexanone	0.119	0.135		13.44	20
Dibromochloromethane	0.339	0.403		18.88	20
1,2-Dibromoethane	0.231	0.269		16.45	20
Tetrachloroethene	0.516	0.575		11.43	20
Chlorobenzene	1.087	1.181	0.3	8.65	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3376</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/21/2025</u> <u>09:05</u>
Lab File ID:	<u>VY023521.D</u>	Init. Calib. Date(s):	<u>10/07/2025</u> <u>10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17</u> <u>12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.961		11.42	20
m/p-Xylenes	0.706	0.799		13.17	20
o-Xylene	0.662	0.739		11.63	20
Styrene	1.089	1.261		15.79	20
Bromoform	0.240	0.269	0.1	12.08	20
Isopropylbenzene	3.295	3.640		10.47	20
1,1,2,2-Tetrachloroethane	0.539	0.571	0.3	5.94	20
1,3-Dichlorobenzene	1.706	1.887		10.61	20
1,4-Dichlorobenzene	1.685	1.813		7.6	20
1,2-Dichlorobenzene	1.496	1.634		9.23	20
1,2-Dibromo-3-Chloropropane	0.088	0.088		0	20
1,2,4-Trichlorobenzene	0.932	0.982		5.36	20
1,2,3-Trichlorobenzene	0.808	0.843		4.33	20
1,2-Dichloroethane-d4	0.418	0.408		-2.39	20
Dibromofluoromethane	0.307	0.331		7.82	20
Toluene-d8	1.144	1.218		6.47	20
4-Bromofluorobenzene	0.378	0.405		7.14	20

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