

Report of Analysis

Client:	Tetra Tech		Date Collected:	
Project:	Ocean County Landfill 2024		Date Received:	
Client Sample ID:	VD1118SBSD01	SDG No.:	P4860	
Lab Sample ID:	VD1118SBSD01	Matrix:	SOIL	
Analytical Method:	SW8260	% Solid:	100	
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080061.D	1		11/18/24 11:22	VD111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		1.70	5.00	ug/Kg
74-87-3	Chloromethane	17.2		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.9		0.77	5.00	ug/Kg
74-83-9	Bromomethane	17.1		1.00	5.00	ug/Kg
75-00-3	Chloroethane	17.5		1.00	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.7		0.91	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.1		0.78	5.00	ug/Kg
67-64-1	Acetone	110		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.7		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.9		0.67	5.00	ug/Kg
79-20-9	Methyl Acetate	21.7		1.80	5.00	ug/Kg
75-09-2	Methylene Chloride	21.4		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.2		0.63	5.00	ug/Kg
110-82-7	Cyclohexane	19.0		0.69	5.00	ug/Kg
78-93-3	2-Butanone	100		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.5		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.3		0.61	5.00	ug/Kg
74-97-5	Bromochloromethane	18.2		2.40	5.00	ug/Kg
67-66-3	Chloroform	21.0		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.6		0.78	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.6		0.87	5.00	ug/Kg
71-43-2	Benzene	20.8		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.1		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.1		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.6		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		4.40	25.0	ug/Kg
108-88-3	Toluene	21.3		0.67	5.00	ug/Kg

Report of Analysis

Client:	Tetra Tech		Date Collected:	
Project:	Ocean County Landfill 2024		Date Received:	
Client Sample ID:	VD1118SBSD01		SDG No.:	P4860
Lab Sample ID:	VD1118SBSD01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080061.D	1		11/18/24 11:22	VD111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.9		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.9		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.6		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	110		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	23.4		0.65	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.4		0.79	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.5		0.89	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.3		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.5		1.40	10.0	ug/Kg
95-47-6	o-Xylene	19.7		0.70	5.00	ug/Kg
100-42-5	Styrene	20.5		0.60	5.00	ug/Kg
75-25-2	Bromoform	21.6		0.81	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.9		0.67	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.10	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.6		0.74	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.5		0.80	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.9		0.59	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	22.6		1.60	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		0.79	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		70 (50) - 130 (163)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (58) - 130 (134)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (29) - 130 (146)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	7.875			
540-36-3	1,4-Difluorobenzene	285000	8.781			
3114-55-4	Chlorobenzene-d5	278000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	144000	13.516			

Report of Analysis

Client:	Tetra Tech		Date Collected:	
Project:	Ocean County Landfill 2024		Date Received:	
Client Sample ID:	VD1118SBSD01		SDG No.:	P4860
Lab Sample ID:	VD1118SBSD01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080061.D	1		11/18/24 11:22	VD111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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