Appendix E: Acronyms

Measurements and Percentages

µg/L micrograms per liter

%D percent difference

%RSD percent relative standard deviation

Numerals

1,1-DCE 1,1-dichloroethene

1,4-D 1,4-dioxane *(in figures and tables only)*

1,1,1-TC 1,1,1-trichloroethane

A

ACS American Chemical Society

ATSDR Agency for Toxic Substances and Disease Registry

C

CAS Chemical Abstracts Service

CCL Candidate Contaminant List

CCV continuing calibration verification

C&D Construction and Demolition

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CI confirmation ion

COC chain of custody

COC Contaminates of concern

CSIA compound-specific isotope analysis

cVOC chlorinated volatile organic compound

D

DNAPL dense nonaqueous phase liquid

DOT Department of Transportation

E

EB Equipment Blank

ECB European Chemicals Bureau

ECHO Enforcement and Compliance History Online Database

EcoSAR Ecological Structure Activity Relationships

EIS extracted internal standard

F

FB field blank

FD field duplicate

FDA Food and Drug Administration

G

GAC granular activated carbon

GC/MS gas chromatography/mass spectrometry

GW groundwater

H

HAP Hazardous Air Pollutant

HCl hydrochloric acid

HEAA β-hydroxyethoxyacetic acid

HT holding time

I

IARC International Agency for Research on Cancer
IS internal standard
ITRC Interstate Technology and Regulatory Council

K

K_{oc} organic carbon partitioning coefficient
K_{ow} octanol-water partitioning coefficient

L

LCS laboratory control sample
LD lab duplicate

M

MB method blank
MCL maximum contaminant level
mg milligrams
mg/L milligrams per liter
MS/MSD matrix spike/matrix spike duplicate
MTL monitoring trigger level

N

NA not applicable
NOD natural oxidant demand
NPDES National Pollutant Discharge Elimination System

O

OSHA Occupational Safety and Health Administration

P

%D percent difference
%RSD percent relative standard deviation
PCE tetrachloroethylene
PDB passive diffusion bag
PEL permissible exposure limit
PET polyethylene terephthalate
PNEC probable no effect concentration
POTW publicly owned treatment work
ppm parts per million
PPRTV Provisional Peer-Reviewed Toxicity Value
PTFE polytetrafluoroethylene

Q

QAPP quality assurance project plan
QI quantitation ion
qPCR quantitative polymerase chain reaction

R

RCRA Resource Conservation and Recovery Act
RL reporting limit
RPD relative percent difference
RPP Rigid Porous Polyethylene
RRF relative response factor
RRT relative retention time
RSL regional screening level

S

SAP Sampling and Analysis Plan
SDWA Safe Drinking Water Act
SIM selective ion monitoring
SOP standard operating procedure
SPE solid-phase extraction
SVOC semivolatile organic compound

T

TB trip blank
TCE trichloroethylene
TRI Toxics Release Inventory
TSCA Toxic Substances Control Act
TWA time-weighted average

U

UCMR3 Third Unregulated Contaminant Monitoring Rule
USEPA U.S. Environmental Protection Agency
UV ultraviolet

V

VOA volatile organic analyte
VOC volatile organic compound

W

WHO World Health Organization
WWTP wastewater treatment plant

X

XSVE extreme soil vapor extraction