

WRRC VOC report for Sample: 08-29-CKS-51. From: Upu PI, Collected: 8/29/2023

Peak - All Units in (ppb)	08-29-CKS-51	Reporting_Limit	EPA MCLG	EPA MCL	MN Short-term	MN Chronic
Chloromethane (methyl chloride)	BRL	2.0				
Chloroethene (vinyl chloride)	BRL	2.0	0.0	2.0		10.0
Bromomethane (methyl bromide)	BRL	2.0				10.0
Chloroethane (ethyl chloride)	BRL	2.0				
Trichlorofluoromethane	BRL	2.0	150.0			2000.0
Diethyl ether	BRL	2.0				
1,1-Dichloroethene	BRL	2.0				
Acetone	4.7	3.6			9000.0	4000.0
Iodomethane	BRL	2.0				
Carbon disulfide	BRL	2.0				700.0
3-Chloropropene (allyl chloride)	BRL	2.0				30.0
Methylene chloride	BRL	2.0				5.0
trans-1,2-Dichloroethene	BRL	2.0	100.0	100.0		9.0
Methyl tert-butyl ether (MTBE)	BRL	2.0	13.0		700.0	700.0
1,1-Dichloroethane	BRL	2.0	0.0	5.0	400.0	80.0
2,2-Dichloropropane	BRL	2.0	7.0	7.0		
2-Butanone (MEK)	BRL	3.6				4000.0
cis-1,2-Dichloroethene	BRL	2.0	7.0	7.0	20.0	6.0
Methyl acrylate	BRL	2.0				
Bromochloromethane	BRL	2.0				
Tetrahydrofuran	BRL	2.0			600.0	600.0
Methacrylonitrile	BRL	2.0				
Trichloromethane (chloroform)	29.7	2.0	70.0		20.0	20.0
1,1,1-Trichloroethane	BRL	2.0	200.0	200.0		5000.0
1-Chlorobutane (butyl chloride)	BRL	2.0				
Carbon tetrachloride	BRL	2.0	0.0	5.0	3.0	3.0
1,1-Dichloropropene	BRL	2.0				
Benzene	BRL	2.0	0.0	5.0	10.0	3.0
1,2-Dichloroethane	BRL	2.0	0.0	5.0	200.0	60.0
Trichloroethene	BRL	2.0				
1,2-Dichloropropane	BRL	2.0	0.0	5.0	20.0	20.0
Methyl methacrylate	BRL	2.0				
Dibromomethane	BRL	2.0				
Bromodichloromethane	6.9	2.0	0.0		30.0	30.0
2-Nitropropane	BRL	2.0				
cis-1,3-Dichloropropene	BRL	2.0				
4-Methyl-2-pentanone (MIBK)	BRL	3.6				
Toluene	BRL	2.0	1000.0	1000.0	70.0	70.0
trans-1,3-Dichloropropene	BRL	2.0	3.0	5.0		
Ethyl methacrylate	BRL	2.0				
1,1,2-Trichloroethane	BRL	2.0	3.0	5.0		3.0
Tetrachloroethene	BRL	2.0				
1,3-Dichloropropane	BRL	2.0				
2-Hexanone	BRL	3.6				
Dibromochloromethane	2.3	2.0	60.0			10.0
1,2-Dibromoethane (EDB)	BRL	2.0			10.0	9.0
Chlorobenzene	BRL	2.0	100.0	100.0		100.0
1,1,1,2-Tetrachloroethane	BRL	2.0				70.0
Ethylbenzene	BRL	2.0	700.0	700.0	40.0	40.0
m/p-Xylene	BRL	2.0	10000.0	10000.0	300.0	300.0
o-Xylene	BRL	2.0	10000.0	10000.0	300.0	300.0
Styrene	BRL	2.0	100.0	100.0		
Bromoform	BRL	2.0	0.0			
Isopropylbenzene (cumene)	BRL	2.0				300.0
Bromobenzene	BRL	2.0				
1,1,2,2-Tetrachloroethane	BRL	2.0	1.0			
trans-1,4-Dichloro-2-butene	BRL	2.0				
1,2,3-Trichloropropane (TCP)	BRL	2.0	0.005		7.0	7.0
n-Propylbenzene	BRL	2.0				
2-Chlorotoluene	BRL	2.0				
1,3,5-Trimethylbenzene	BRL	2.0			30.0	30.0
4-Chlorotoluene	BRL	2.0				
tert-Butylbenzene	BRL	2.0				
Pentachloroethane	BRL	2.0				
1,2,4-Trimethylbenzene	BRL	2.0			30.0	30.0
1-Methylpropylbenzene (sec-butylbenzene)	BRL	2.0				
1,3-Dichlorobenzene	BRL	2.0				
4-Isopropyltoluene (p-cymene)	BRL	2.0				
1,4-Dichlorobenzene	BRL	2.0			50.0	50.0
n-Butylbenzene	BRL	2.0				
1,2-Dichlorobenzene	BRL	2.0				600.0
Hexachloroethane	BRL	2.0				
1,2-Dibromo-3-chloropropane (DBCP)	BRL	2.0	0.0	0.2		
Nitrobenzene	BRL	2.0				
1,2,4-Trichlorobenzene	BRL	2.0	70.0	70.0	100.0	100.0
Hexachloro-1,3-butadiene	BRL	2.0				
Naphthalene	BRL	2.0			70.0	70.0
1,2,3-Trichlorobenzene	BRL	2.0				
Total Trihalomethanes	39.0	2.0		80.0		

KEY  
Reporting Limit = The smallest concentration (in ppb) we can report based on our calibration curve  
BRL = Value detected is below the reporting limit  
EPA MCLG = The EPA and HI DOH Maximum Contaminant Level Goal, or the California MCL  
EPA MCL = The EPA and HI DOH regulatory Maximum Contaminant Level (legal limit)  
Short-term = Short-term exposure health limit denoted by MN Dept. of Health  
Chronic = Long-term exposure health limit denoted by MN Dept. of Health  
Colors: RED is above EPA MCL, YELLOW is detectable above chronic health limit or EPA MCLG, ORANGE is above Short-term limit, GREEN is below all limits  
Created on 2023-09-30 by CKS. Questions? email: infowrrc@hawaii.edu