

WRRC VOC report for Sample: 08-23-CKS-22. From: Ieihulu, Collected: 8/23/2023

Peak - All Units in (ppb)	08-23-CKS-22	Reporting_Limit	EPA MCLG	EPA MCL	MN Short-term	MN Chronic
Chloromethane (methyl chloride)	BRL	1				
Chloroethene (vinyl chloride)	BRL	1	0.0	2.0		10.0
Bromomethane (methyl bromide)	BRL	1				10.0
Chloroethane (ethyl chloride)	BRL	1				
Trichlorofluoromethane	BRL	1	150.0			2000.0
Diethyl ether	BRL	1				
1,1-Dichloroethene	BRL	1				
Acetone	8.9	2			9000.0	4000.0
Iodomethane	BRL	1				
Carbon disulfide	BRL	1				700.0
3-Chloropropene (allyl chloride)	BRL	1				30.0
Methylene chloride	BRL	1				5.0
trans-1,2-Dichloroethene	BRL	1	100.0	100.0		9.0
Methyl tert-butyl ether (MTBE)	BRL	1	13.0		700.0	700.0
1,1-Dichloroethane	BRL	1	0.0	5.0	400.0	80.0
2,2-Dichloropropane	BRL	1	7.0	7.0		
cis-1,2-Dichloroethene	BRL	1	7.0	7.0	20.0	6.0
2-Butanone (MEK)	BRL	2				4000.0
Methyl acrylate	BRL	1				
Bromochloromethane	BRL	1				
Methacrylonitrile	BRL	1				
Tetrahydrofuran	BRL	1			600.0	600.0
Trichloromethane (chloroform)	25.4	1	70.0		20.0	20.0
1,1,1-Trichloroethane	BRL	1	200.0	200.0		5000.0
Carbon tetrachloride	BRL	1	0.0	5.0	3.0	3.0
1-Chlorobutane (butyl chloride)	BRL	1				
1,1-Dichloropropene	BRL	1				
Benzene	BRL	1	0.0	5.0	10.0	3.0
1,2-Dichloroethane	BRL	1	0.0	5.0	200.0	60.0
Trichloroethene	BRL	1				
1,2-Dichloropropane	BRL	1	0.0	5.0	20.0	20.0
Dibromomethane	BRL	1				
Methyl methacrylate	BRL	1				
Bromodichloromethane	6.3	1	0.0		30.0	30.0
2-Nitropropane	BRL	1				
cis-1,3-Dichloropropene	BRL	1				
4-Methyl-2-pentanone (MIBK)	BRL	2				
Toluene	BRL	1	1000.0	1000.0	70.0	70.0
trans-1,3-Dichloropropene	BRL	1	3.0	5.0		
Ethyl methacrylate	BRL	1				
1,1,2-Trichloroethane	BRL	1	3.0	5.0		3.0
Tetrachloroethene	BRL	1				
1,3-Dichloropropane	BRL	1				
2-Hexanone	BRL	2				
Dibromochloromethane	2.4	1	60.0			10.0
1,2-Dibromoethane (EDB)	BRL	1			10.0	9.0
Chlorobenzene	BRL	1	100.0	100.0		100.0
1,1,1,2-Tetrachloroethane	BRL	1				70.0
Ethylbenzene	BRL	1	700.0	700.0	40.0	40.0
m/p-Xylene	BRL	2	10000.0	10000.0	300.0	300.0
o-Xylene	BRL	1	10000.0	10000.0	300.0	300.0
Styrene	BRL	1	100.0	100.0		
Bromoform	BRL	1	0.0			
Isopropylbenzene (cumene)	BRL	1				300.0
Bromobenzene	BRL	1				
1,1,2,2-Tetrachloroethane	BRL	1	1.0			
1,2,3-Trichloropropane (TCP)	BRL	1	0.005		7.0	7.0
trans-1,4-Dichloro-2-butene	BRL	1				
n-Propylbenzene	BRL	1				
2-Chlorotoluene	BRL	1				
1,3,5-Trimethylbenzene	BRL	1			30.0	30.0
4-Chlorotoluene	BRL	1				
tert-Butylbenzene	BRL	1				
Pentachloroethane	BRL	1				
1,2,4-Trimethylbenzene	BRL	1			30.0	30.0
1-Methylpropylbenzene (sec-butylbenzene)	BRL	1				
1,3-Dichlorobenzene	BRL	1				
4-Isopropyltoluene (p-cymene)	BRL	1				
1,4-Dichlorobenzene	BRL	1			50.0	50.0
1,2-Dichlorobenzene	BRL	1				600.0
n-Butylbenzene	BRL	1				
Hexachloroethane	BRL	1				
1,2-Dibromo-3-chloropropane (DBCP)	BRL	1	0.0	0.2		
Nitrobenzene	BRL	1				
1,2,4-Trichlorobenzene	BRL	1	70.0	70.0	100.0	100.0
Hexachloro-1,3-butadiene	BRL	1				
Naphthalene	BRL	1			70.0	70.0
1,2,3-Trichlorobenzene	BRL	1				
Total Trihalomethanes	34.3	1		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