

(VOCs)

Category	target analyte	Sample	EPA method code	sampleing technique	Detector	Receommended Column	Cat No
VOCs	Trihalomethanes	Drinking water	501	P/T, HS or Direct Injection	ECD	GsBP-624, 30m x 0.53mm x 3.0um	6253-3030
VOCs	Volatile Organic (VOCs)	Drinking water, waste water, solid wastes	502.2, 8021,CLP-Volatiles	P/T, HS or Direct Injection	PID, ECD	GsBP-624, 75m x 0.53mm x 3.0um	6253-7530
VOCs	Purgeable Halogenated Organics	Waste water, solid wastes	601, 8010	P/T, HS	PID, ECD	GsBP-624, 75m x 0.53mm x 3.0um	6253-7530
VOCs	Purgeable Aromatic Organics	Drinking water,	503.1, 602, 8020	P/T	PID	GsBP-624, 30m x 0.53mm x 3.0um	6253-3030
VOCs	Volatile Organic Compounds (VoCs) using MSD	Drinking water,	524.2, 624, 8240, 8260, CLP-VOCs	P/T, HS or Direct Injection	MSD	GsBP-624, 60 m x 0.25 mm x1.4 µm	6225-6014
VOCs	EDB and DBCP	Drinking water,	504.1, 8011	Microextraction with Hexcane	ECD	GsBP-624, 30m x 0.53mm x 3.0um	6253-3030
VOCs	Acrylonitrile and Acrolein	Waste water,solid wastes	603, 8015, 8031	Purge and trap, liquid extraction, sonication	FID, NPD, ECD, MSD	GsBP-624, 30m x 0.53mm x 3.0um	6253-3030
sVOCs	sVOCs	Drinking water, waste water, solid wastes	525, 625, 8270	Liquid extraction, sonication, soxhlet extraction, SPE	MSD	GsBP-5MS, 30 m x 0.25 mm x 0.50 µm	1525-3005
sVOCs	Phenols	Waste water, solid wastes	528, 604, 8040, 8041	Liquid extraction, sonication, soxhlet extraction, derivatization	ECD, FID	GsBP-5MS, 30 m x 0.25 mm x 0.25 µm	1525-3002
sVOCs	Phthalate Esters	Drinking water, waste water, solid wastes	506, 606, 8060, 8061	Liquid extraction, sonication, soxhlet extraction, derivatization	ECD, FID	GsBP-5MS, 30 m x 0.25 mm x 0.25 µm	1525-3002
sVOCs	Benzidines	waste water	605	Liquid extraction	ECD	GsBP-5MS, 30 m x 0.25 mm x 0.25 µm	1525-3002
sVOCs	Nitrosamines	Waste water,solid wastes	607, 8070	Liquid extraction,sonication, soxhlet extraction, SPE	NPD	GsBP-5MS, 30m x 0.53mm x1.5um	1553-3015
sVOCs	Nitroaromatics and Isophorone	Waste water,solid wastes	609, 8090	Liquid extraction, sonication, soxhlet extraction, SPE	ECD,FID	GsBP-5MS, 30 m x 0.25 mm x 0.50 µm	1525-3005
sVOCs	Hydrocarbons(PAHs)	Waste water,solid wastes	610, 8100	sonication, soxhlet extraction,	FID	GsBP-1MS, 30 m x 0.25 mm x 0.25 µm	1125-3002
sVOCs	Chlorinated Hydrocarbons	Waste water,solid wastes	612, 8120, 8121	extraction,sonication,soxhlet	ECD	GsBP-5MS, 30 m x 0.25 mm x 0.50 µm	1525-3005
sVOCs	Byproducts	Drinking water	551, 551.1A	derivatization	ECD	GsBP-5MS, 30 m x 0.25 mm x 1.00 µm	1525-3010
sVOCs	Halogenated Acetic Acids	Drinking water	552,552.1,552.2	derivatization	ECD	GsBP-35MS, 30m x 0.32mm x 0.25um	3532-3002
Herbicides	PCBs	Drinking water	808.2, CLP-	derivatization	ECD	GsBP-35MS, 30m x 0.32mm x 0.25um	3532-3002
Pesticides, Herbicides and PCBS	Phenoxy Acid Herbicides	Drinking water	515, 615, 8150, 8151	Liquid extraction,derivatization	ECD	GsBP-35MS, 30m x 0.32mm x 0.25um	3532-3002
Herbicides	and Herbicides	Drinking water	614,619,622,8140,81	Liquid extraction,derivatization	FPD	GsBP-35MS, 30m x 0.32mm x 0.25um	3532-3002
Ozones	Volatile Organic Compounds (VOCs) In Air	Air	TO-15, TO14A, TO-17	air canister, TD	FID, NPD, ECD, MSD	GsBP-1, 60m x 0.32mm x 1.0um	0132-6010