

Volatile organic compounds in water (21 VOC's + MTBE)

Technique Tekmar P&T

Injection Cryofocus

Column AQUATIC

0.25mmL.D×60m df=1.0µm

Column Temp 40°C (1min) →5°C / min→80°C→10°C / min→200°C

Carrier Gas He 100kPa

Detector MS

1	1,1-Dichloroethene	9	1,2-Dichloroethane	17	Tetrachloroethene
2	Dichloromethane	10	Benzene	18	Dibromochloromethane
3	MTBE	11	Trichloroethene	19	m-Xylene
4	trans-1,2-Dichloroethene	12	Bromodichloromethane	20	p-Xylene
5	cis-1,2-Dichloroethene	13	cis -1,3-Dichloro-1-propene	21	o-Xylene
6	Chloroform	14	Toluene	22	Bromoform
7	1,1,1-Trichloroethane	15	trans -1,3-Dichloro-1-propene	I.S.	p-Bromofluorobenzen
8	Tetrachloromethane	16	1,1,2-Trichloroethane		

Sample Size 5mL
 Sample Temp. 40°C
 Purge Temp. room Temp.
 Purge Flow 40mL / min
 Purge Time 8min
 Dry Purge Time 3min
 Desorb Temp. 220°C
 Desorb Time 6min
 Injection Type Cryofocuce
 (Cryo.Temp.) -150 / 200°C
 Trapping Tube GLTrap 1

