

zazoli49@yahoo.com:

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( Disinfection By-Products ) (DBPs)

DOC. SUVA DOC EC ( )UV<sub>254</sub> pH  
DOC UV<sub>254</sub> SUVA. TOC UV<sub>254</sub>  
/ / / ± / SUVA / ± /

SUVA

(DOC)

(DBPs)

(NOMs)

(DBPs)

(Krasner et al. 1989)

(Zazouli et al. 2007a)

(USEPA 1999)		Trihalomethanes (THMs)		Haloacetic Acids (HAAs)	
(DOC)	(TOC)	USEPA	I		
		$\mu\text{g/L}$			
Specific UV Absorbance (SUVA)					$\mu\text{g/L}$
(Crittenden et al. 2005)		$\mu\text{g/L}$	$\mu\text{g/L}$		
	$\text{CO}_2$	NOMS			
TOC				DBPS	
		NOMS	(THMs)	NOM	
		NOM <sub>S</sub>	Crittenden)	(HAAs)	
			DBPs	(et al. 2005)	
DOC	TOC	NOM <sub>S</sub>			
TOC					
	(Crittenden et al. 2005)			(Kim and Yu. 2005a)	
/ nm					
			(Huang et al. 2004)		
UV					
DOC					
UV		UV <sub>254</sub>			
UV	L/mg.m	(SUVA)	(Croue et al. 1993; Owen et al. 1995)		
DOC	( $\text{m}^{-1}$ )				
SUVA		(mg/L)			
(Hydrophilicity)		(Hydrophobicity)		(Karnik et al. 2005)	
			(Zazouli et al. 2007a)		
Edzwald)					
	(and Tobiason 1999)				

(Tampere) (Rusko)

TOC

/ mg/l /

/ /

UV<sub>254</sub> .

(Matilainen et al. 2005)

TOC

/ / UV<sub>254</sub> / mg/L /

TOC %

(Karnik et al. 2005)

(Korea) (Han)

( )

TFE-Lined

HAAs

TOC

(Krasner et al. 1996)

THMs

TFE

SUVA UV<sub>254</sub>

°C

pH ≤

DOC EC pH

DOC.

TOC 5310B

TOC-VCSH (Shimadzu)

Sparge with )

(Zero air

Inorganic (IC)

Carbon

/ ± / SUVA

( )

( )

(CO<sub>2</sub>)

( )

CO<sub>2</sub>

Total Carbon(TC)

UV

.(P&gt; / )

Lambda 25 UV/Vis

spectrophotometer

DOC 1/m UV<sub>254</sub> (SUVA)

mg/L

/

.(APHP 2000) (L/mg.m)

/ /

( One-way ANOVA)

TOC

DOC

(Crittenden et al. 2005)

TOC

)

TOC

(

TOC

( SUVA) UV

(THMFP)

µgTHMFP/mgC

TOC

/ /

/ ± /

	$\mu\text{gTHMFP}/\text{mgC}$ (Krasner et al.1996)	TOC (Speitel)
SUVA <sub>254</sub>	Kim and Yu (2005a)	Kim and Yu (2005b)
HAA <sub>5</sub>	Kim and Yu. 2005a; Kim and Yu. 2005b	(Krasner)
THM <sub>5</sub>		
	$\mu\text{gTHM}/\text{mgDOC}$ (Krasner et al. 1996)	(Croue)
	Croue et al. (1993)	$\mu\text{gTHM}/\text{mgDOC}$
	Kim and Yu (2005a; Panyapiyopol et al. 2005)	HAA <sub>5</sub> THMS
NOMs	TOC (Zazouli et al. 2007b)	
	$\pm$ (Zazouli et al. 2007b)	
	USEPA	
	$\mu\text{g}/\text{L}$ (THMs)	EPA (HAAs)
	$\mu\text{g}/\text{L}$	$\mu\text{g}/\text{L}$

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TOC

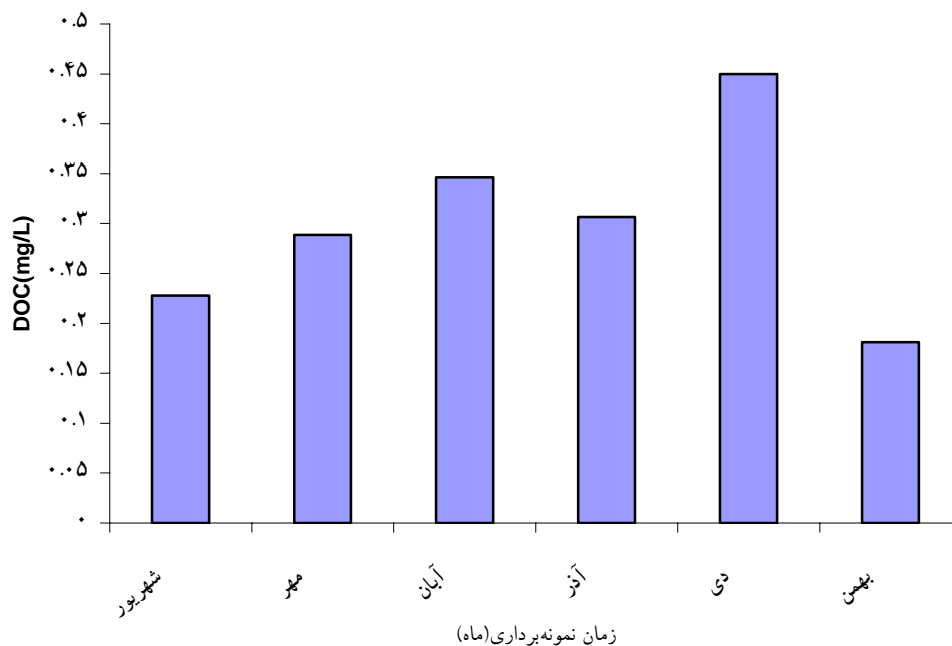
USEPA

<i>SUVA</i> (L/m.m)	<i>DOC</i> (mg/L)	<i>UV</i> <sub>254</sub> (cm <sup>-1</sup> )	<i>EC</i> (µmho/cm)	<i>pH</i> *	
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/ ± /	/ ± /		±	/ ± /	**

pH \*

±

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