



		2016	2016	2016	2016	2016	2016	2016		
Contaminant by method/analytical scan	Minimum Reporting Limit (ng/l)	Lake Ontario Raw Water 1 Results (ng/l)	Lake Ontario Raw Water 2 Results (ng/l)	Lake Ontario MWB WTP 1 Results (ng/l)	Lake Ontario MWB WTP 2 Results (ng/l)	Lake Ontario Eastern Reservoir Results (ng/l)	Otisco Lake Raw Water Results (ng/l)	Otisco Lake OCWA WTP Results (ng/l)	Likely source and/or Typical Use	
LC-MS-MS Endocrine Disruptors Positive Mode										
Meprobamate	5	ND	ND	ND	ND	ND	ND	ND	Herbicide	
Metazachlor	5	ND	ND	ND	ND	ND	ND	ND		
Metolachlor	5	ND	ND	ND	ND	ND	ND	ND		
Nifedipine	20	ND	ND	ND	ND	ND	ND	ND		
Norethisterone	5	ND	ND	ND	ND	ND	ND	ND		
OUST (Sulfameturon, methyl)	5	ND	ND	ND	ND	ND	ND	ND		
Oxolinic Acid	10	ND	ND	ND	ND	ND	ND	ND		
Pentoxifylline	5	ND	ND	ND	ND	ND	ND	ND		
Phenazone	5	ND	ND	ND	ND	ND	ND	ND		
Primidone	5	ND	ND	ND	ND	ND	ND	ND		
Progesterone	5	ND	ND	ND	ND	ND	ND	ND		
Propazine	5	ND	ND	ND	ND	ND	ND	ND		
Quinoline	5	ND	ND	ND	ND	ND	ND	ND		
Simazine	5	ND	8.3	7.7	ND	ND	ND	ND		
Sulfachloropyridazine	5	ND	ND	ND	ND	ND	ND	ND		
Sulfadiazine	5	ND	ND	ND	ND	ND	ND	ND		
Sulfadimethoxine	5	ND	ND	ND	ND	ND	ND	ND		
Sulfamerazine	5	ND	ND	ND	ND	ND	ND	ND		
Sulfamethazine	5	ND	ND	ND	ND	ND	ND	ND		
Sulfamethizole	5	ND	ND	ND	ND	ND	ND	ND		
Sulfamethoxazole	5	ND	ND	ND	ND	ND	ND	ND		
Sulfathiazole	5	ND	ND	ND	ND	ND	ND	ND		
TCEP	10	ND	ND	ND	ND	ND	ND	ND		
TCPP	100	ND	ND	ND	ND	ND	ND	ND		
TDCPP	100	ND	ND	ND	ND	ND	ND	ND		
Testosterone	5	ND	ND	ND	ND	ND	ND	ND		
Theobromine	10	ND	ND	ND	ND	ND	ND	ND		
Theophylline	20	ND	21	ND	ND	ND	ND	ND		Drug used for asthma and COPD treatment
Thiabendazole	5	ND	ND	ND	ND	ND	ND	ND		
Trimethoprim	5	ND	ND	ND	ND	ND	ND	ND		

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LC-MS-MS Endocrine Disruptors Negative Mode									
2,4-D	5	ND	ND	ND	ND	ND	ND	ND	used in antioxidants, oils, detergents.
4-nonylphenol-semi quantitative	100	ND	ND	ND	ND	ND	110	ND	
4-tert-Octylphenol	50	ND	ND	ND	ND	ND	ND	ND	
Acesulfame-K	20	130	120	82	94	120	31	30	
Bendroflumethiazide	5	ND	ND	ND	ND	ND	ND	ND	Estrogenic Hormone
BPA	10	ND	ND	ND	ND	ND	ND	ND	
Butalbital	5	ND	ND	ND	ND	ND	ND	ND	
Butylparaben	5	ND	ND	ND	ND	ND	ND	ND	
Chloramphenicol	10	ND	ND	ND	ND	ND	ND	ND	
Clofibrac Acid	5	ND	ND	ND	ND	ND	ND	ND	
Diclofenac	5	ND	ND	ND	ND	ND	ND	ND	
Estradiol	5	ND	ND	ND	ND	ND	ND	ND	
Estriol	5	ND	ND	ND	ND	ND	ND	ND	
Estrone	5	ND	ND	5	6.2	ND	ND	ND	
Ethinyl Estradiol - 17 alpha	5	ND	ND	ND	ND	ND	ND	ND	
Ethylparaben	20	ND	ND	ND	ND	ND	ND	ND	
Gemfibrozil	5	ND	ND	ND	ND	ND	ND	ND	
Ibuprofen	10	ND	ND	ND	ND	ND	ND	ND	
Iohexal	10	ND	ND	ND	ND	ND	ND	ND	
Iopromide	5	ND	ND	ND	ND	ND	ND	ND	
Isobutylparaben	5	ND	ND	ND	ND	ND	ND	ND	
Methylparaben	20	ND	ND	ND	ND	ND	ND	ND	
Naproxen	10	ND	ND	ND	ND	ND	ND	ND	
Propylparaben	5	ND	ND	ND	ND	ND	ND	ND	
Salicylic Acid	100	ND	ND	ND	ND	ND	ND	ND	
Sucralose	100	140	120	ND	ND	170	260	ND	Artificial Sweetener
Triclocarban	5	ND	ND	ND	ND	ND	ND	ND	
Triclosan	10	ND	ND	ND	ND	ND	ND	ND	
Warfarin	5	ND	ND	ND	ND	ND	ND	ND	