

Supplemental Table 2. Mass transitions used for the MRM detection of common AHLs.

Acyl chain length	Carbon 3 substitution	MRMs	Retention time / min
C4	Unsubstituted	172-102	3.18
	Oxo	186-102	2.02
	OH	188-102	1.58
C6	Unsubstituted	200-102	4.53
	Oxo	214-102	4.08
	OH	216-102	3.93
C8	Unsubstituted	228-102	5.20
	Oxo	242-102	4.66
	OH	244-102	4.49
C10	Unsubstituted	256-102	5.87
	Oxo	270-102	5.31
	OH	272-102	5.05
C12	Unsubstituted	284-102	6.65
	Oxo	298-102	5.98
	OH	300-102	5.72
C14	Unsubstituted	312-102	7.44
	Oxo	326-102	6.77
	OH	328-102	6.50