

**Supplementary material**

**Voltammetric tools for trace element speciation in fresh waters: methodologies, outcomes and future perspectives**

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**Table S1. Cited case studies sorted by element, technique and matrix**

Reference	Element								Technique			Matrix			Groundwater			
	As	Cd	Co	Cu	Cr	Fe	Pb	Hg	Ni	Se	Zn	ASV	PP	Ice	Snow	Rain	Lake	River
[1]	X										X						X	
[2]									X		X				X			
[3]									X		X				X			
[4]						X							X				X	
[5]																		
[6]							X			X						X		
[7]							X					X				X	X	
[8]			X										X				X	
[9]	X									X							X	
[10]	X										X						X	
[11]	X										X						X	
[12]		X	X			X			X	X						X		
[13]		X	X			X			X	X					X	X		
[14]		X	X	X		X		X				X				X		
[15]		X	X							X			X				X	
[16]		X								X	X		X				X	
[17]		X	X					X		X	X		X			X		
[18]		X										X				X	X	
[19]		X								X	X						X	
[20]		X	X			X			X	X							X	
[21]		X	X			X			X	X							X	
[22]		X				X				X				X				X
[23]		X	X			X			X	X								X
[24]			X					X			X					X		
[25]			X	X	X			X			X		X				X	
[26]				X								X		X	X			
[27]			X			X				X			X		X			
[28]			X									X				X		
[29]			X									X				X		
[30]			X									X				X		
[31]			X										X				X	
[32]			X			X							X				X	
[33]			X										X				X	
[34]			X										X				X	
[35]			X								X						X	
[36]			X								X						X	
[37]			X									X			X			
[38]			X									X						X

Reference	Element	Technique						Matrix	Groundwater
		CLE-CSV	CSV	ASV	Zn	Se	Hg		
[39]		X						X	X
[40]	X	X	X		X	X			X
[41]		X			X	X		X	X
[42]		X	X		X	X	X		X
[43]	X	X	X		X	X			X
[44]		X			X	X			X
[45]		X				X			X
[46]		X		X		X			X
[47]			X			X			X X
[48]			X			X			X X X
[49]		X				X			X
[50]			X				X		X
[51]			X				X		X X
[52]			X				X		X X
[53]			X				X		X
[54]			X				X		X
[55]		X				X			X
[56]			X				X		X
[57]			X			X			X
[58]			X			X			X
[59]			X				X		X
[60]			X			X			X
[61]				X			X		X X X
[62]				X			X		X
[63]					X		X		X
[64]						X	X		X
[65]						X	X		X
[66]						X	X		X
[67]						X		X	X
[68]						X		X	X
[69]				X		X			X
[70]					X		X		X
[71]	X	X	X		X	X	X		X

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