Supporting Information:

Table S1. Physical properties of aqueous MMEA solutions

Temp. (K)	$(MMEA)_0$ ($kmol/m^3$)	ρ (kg/m^3)	μ (mPa s)	$H_{N_2O} \times 10^4$ ($kmol/(m^3\,kPa)$)	$D_{N_2O} \times 10^9$ (m^2/s)
298	0.5	1008.1	1.01	2.10	1.69
	1.0	1005.2	1.08	2.00	1.61
	1.5	1002.3	1.25	2.12	1.43
	2.0	999.2	1.48	1.97	1.25
	2.5	997.7	1.67	1.81	1.13
303	0.5	1005.4	0.87	1.93	1.98
	1.0	1003.3	0.94	1.90	1.87
	1.5	1000.7	1.00	2.01	1.78
	2.0	998.2	1.10	1.82	1.65
	2.5	995.8	1.16	1.65	1.58
308	0.5	1003.9	0.83	1.85	2.19
	1.0	1000.5	0.90	1.78	2.04
	1.5	997.4	1.01	1.89	1.86
	2.0	994.7	1.18	1.68	1.64
	2.5	992.1	1.31	1.58	1.51

Table S2. Physical properties of aqueous DMMEA solutions

Temp. (K)	$(DMMEA)_0$ (kmol/m^3)	ρ (kg/m^3)	μ (mPa s)	$H_{N_2O} \times 10^4$ (kmol/(m^3 kPa))	$D_{N_2O} \times 10^9$ (m^2/s)
298	1.5	997.9	1.51	2.29	1.23
	2.0	990.5	1.78	2.28	1.08
	2.5	985.0	2.17	2.09	0.92
	3.0	978.2	2.43	1.90	0.84
	3.5	971.3	2.62	1.72	0.79
303	1.5	994.4	1.33	2.08	1.42
	2.0	988.7	1.54	1.84	1.26
	2.5	980.5	1.94	1.71	1.05
	3.0	976.8	2.26	1.56	0.93
	3.5	970.1	2.67	1.47	0.81
308	1.5	991.5	1.18	1.93	1.64
	2.0	986.0	1.39	1.68	1.44
	2.5	979.0	1.70	1.51	1.23
	3.0	974.2	2.01	1.21	1.07
	3.5	969.4	2.39	1.08	0.93